

I-270/US15 **MULTI-MODAL CORRIDOR STUDY**

Frederick and Montgomery Counties, Maryland

Air Quality Technical Report

Prepared by:

PB

Prepared for:

US Department of Transportation
Federal Highway Administration
Federal Transit Administration

Maryland Department of Transportation
State Highway Administration
Maryland Transit Administration

June 2007

Technical Report Errata - May 2009:

This I-270/US 15 Multi-Modal Corridor Study Technical Report supports the environmental technical analysis conducted of the various roadway and transit alternatives examined in the Alternatives Analysis / Environmental Assessment (AA/EA) document dated May 2009.

This technical report was originally published on the date presented on its cover. Following its publication, changes were made to the alternatives description that affected the text used to describe the alternatives but not to change the transportation components or operations of the alternatives. The environmental technical analysis results remain as originally published but the description of the alternatives has been revised to reflect the description found in the AA/EA document.

I-270/US 15 Project Team

TABLE OF CONTENTS

1.	INTRODUCTION	1
1.1	Project Area Description	1
1.2	Project Alternatives Considered.....	4
2.	AFFECTED ENVIRONMENT.....	24
2.1	Clean Air Act Amendments of 1990.....	24
2.2	National and State Ambient Air Quality Standards	24
2.3	Criteria Pollutants and Effects	26
2.4	Mobile Source Air Toxics	28
2.5	Attainment Status and Conformity with Regional Air Quality Planning	29
2.6	Ambient Air Quality in the Study Area.....	30
3.	ENVIRONMENTAL CONSEQUENCES	35
3.1	Sources of Emissions	35
3.2	Analysis Methodology	35
3.3	Regional Assessment.....	45
3.4	PM _{2.5} Assessment	47
3.5	MSAT Assessment	53
3.6	Microscale Assessment.....	57
4.	CONSTRUCTION IMPACTS ON AIR QUALITY	62
4.1	Fugitive Dust Emissions	62
4.2	Mobile Source Emissions	63
5.	CONCLUSIONS	64
6.	REFERENCES	65

Appendices

Appendix A – Monitored Ambient Air Quality Data

Appendix B – Mobile 6 Data

Appendix C – CAL3QHC Input and Output files

1. INTRODUCTION

This report presents the results of the air quality impact assessment performed for the I-270/US 15 Multi-Modal Corridor located in Frederick and Montgomery Counties in the State of Maryland. The document has been prepared in accordance with United States Department of Transportation (USDOT), Environmental Protection Agency (EPA), Federal Highway Administration (FHWA), Federal Transit Administration (FTA) and Maryland State Highway Administration (SHA) regulations and relevant local regulations of Frederick and Montgomery Counties.

This report:

- Describes the project area and the project.
- Identifies the air pollutants associated with motor vehicle exhaust.
- Reviews applicable standards, regulations, and local meteorology.
- Summarizes existing air quality monitored data that is representative of ambient conditions in the project study area.
- Summarizes the project's impact on local air quality level.

Due to the additional alternates and adjustments to the previous alternates that were shown and described in the Draft Environmental Impact Statement - May 2002. Please refer to the I-270/US 15 Multi-Modal Corridor Environmental Assessment for more detailed information on Air Quality impacts.

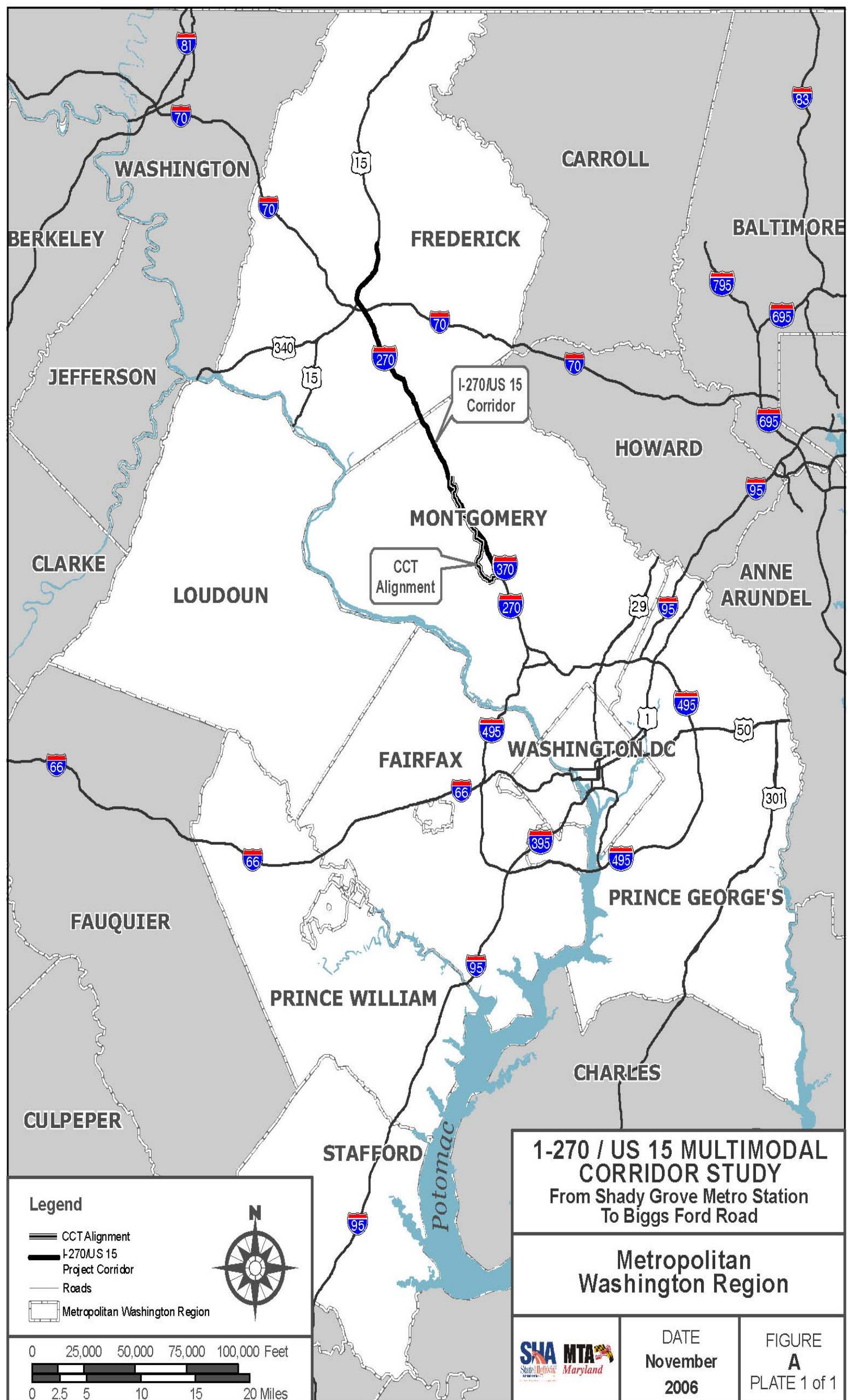
1.1 Project Area Description

The I-270/US 15 Corridor is a vital component of the surface transportation system in the Metropolitan Washington region and includes portions of I-270, US 15, and US 40 in Montgomery and Frederick Counties (see Figure 1).

The project area generally extends from the Shady Grove Metro Station south of I-370 (Montgomery County) to the US 15/Biggs Ford Road intersection north of the City of Frederick (Frederick County), as shown in Figure 2. I-270, which begins at the Capital Beltway (I-495) and ends at I-70 in Frederick, provides one of the two interstate highway connections between the nation's capital and points west (the other connection is I-66 in Virginia) and north. As an interstate highway, I-270 is a fully access-controlled facility with a variable number of lanes ranging from four to twelve. In Maryland, US 15 extends from the Virginia state line near Point of Rocks to the Pennsylvania state line near Emmitsburg (Maryland), and provides a major north-south route located between the interstate corridors of I-81 to the west and I-83/I-95 to the east. US 15 provides an important crossing of the Potomac River as well. Throughout most of its approximate 30-mile length in Maryland, US 15 is a multi-lane highway, with varying degrees of access control.

The purpose of the I-270/US 15 Multi-Modal Corridor Study is to investigate options to relieve congestion and improve safety conditions along the I-270/US 15 Corridor. The proposed project is expected to improve access, highway capacity and safety conditions, and accommodate anticipated traffic growth in the area.

Figure 1
Metropolitan Washington Region



1.2 Project Alternatives Considered

The Alternatives Retained are described in the 2002 Air Quality Technical Report and in the Draft Environmental Impact Statement (2002 DEIS). Briefly, they include Alternative 1, the No-Build Alternative; Alternative 2, the Transportation System Management/Transportation Demand Management (TSM/TDM) component; and Build Alternatives 3, 4 and 5, which each consist of a TSM/TDM component, a highway component, a transit component, and a transit operations and maintenance facilities component. The highway component varies from the addition of High Occupancy Vehicle (HOV) lanes (Alternative 3), general-purpose lanes (Alternative 4), or a combination of both HOV and general-purpose lanes (Alternative 5). The transit component is either Light Rail Transit (LRT) or Bus Rapid Transit (BRT) on the Corridor Cities Transitway (CCT) (Alternatives A or B, respectively) or Premium Bus Service on the highway component. Table 1 lists the alternatives considered in the DEIS and adds the new alternatives (Alternatives 6 and 7) being considered in an Environmental Assessment (EA) that is currently being drafted. Alternatives 6 and 7 are described in the following paragraphs.

Table 1. Summary of Alternatives being Considered

Alternative	Description
1	No-Build Alternative
2	TSM/TDM Alternative
3A	Master Plan HOV/LRT Alternative
3B	Master Plan HOV/BRT Alternative
4A	Master Plan General-Purpose/LRT Alternative
4B	Master Plan General-Purpose/BRT Alternative
5A	Enhanced Master Plan HOV/General-Purpose/LRT Alternative
5B	Enhanced Master Plan HOV/General-Purpose/BRT Alternative
5C	Enhanced Master Plan HOV/General-Purpose/Premium Bus Alternative
6A (New)	Master Plan Express Toll Lane (ETL)/LRT Alternative
6B (New)	Master Plan ETL/BRT Alternative
7A (New)	Enhanced Master Plan ETL/LRT Alternative
7B (New)	Enhanced Master Plan ETL/BRT Alternative

1.2.1 No-Build Alternative

The No-Build (or Baseline) condition serves as a basis for comparison for all other alternatives. It includes the existing condition and elements adopted from the 2004 Metropolitan Washington Council of Governments (MWCOG) Constrained Long Range Transportation Plan (CLRP) and updated from the 2002 *Draft Environmental Impact Statement* (DEIS). No major capacity improvements would be made on I-270 or US 15. Only routine maintenance and spot improvements, such as resurfacing, restriping, signing and lighting, are included in the No-Build Alternative.

The existing roadway within the project limits is configured as follows:

- **Y-Split to I-370:** From north of I-495 to I-370, I-270 consists of three general-purpose lanes, one HOV lane, and two collector-distributor (C-D), or local, lanes in the northbound and southbound directions.

- **I-370 to MD 124:** In the northbound direction, the roadway continues with three general-purpose lanes, one HOV lane, and two C-D lanes in the northbound direction. Southbound, there are four general purpose lanes.
- **MD 124 to MD 118:** I-270 has three general-purpose lanes and one HOV lane in the northbound direction, and four general-purpose lanes in the southbound direction.
- **MD 118 to MD 121:** In the northbound direction, I-270 has 2 general-purpose lanes and one HOV lane; southbound, there are three general-purpose lanes.
- **MD 121 to MD 85:** In this segment, the roadway consists of two general-purpose lanes in each direction.
- **MD 85 to I-70:** In the northbound direction, the roadway consists of two general-purpose lanes and two auxiliary lanes; southbound, there are two general-purpose lanes.
- **I-70 to MD 26:** From I-70 to MD 26, US 15 is a four-lane, divided, fully access-controlled highway.
- **MD 26 to Biggs Ford Road:** In the most northern portion of the project area, US 15 is a four-lane divided highway. Access is provided by at-grade intersections. Left turns onto US 15 are generally prohibited; U-turn bays in the median provide for this movement.

1.2.2 **Alternative 6A: Master Plan ETL/LRT Alternative, Alternative 6B: Master Plan ETL/BRT Alternative**

Alternatives 6A and 6B consist of a TSM/TDM component; a highway component with general-purpose, auxiliary and express toll lanes (ETL), proposed interchanges, and improvements to existing interchanges; and a transit component including either LRT (6A) or BRT (6B) on the CCT.

1.2.2.1 **Proposed TSM/TDM Component**

The proposed TSM/TDM component includes a number of relatively low cost measures meant to improve the overall operation of the existing transportation facilities without or in combination with major capacity improvements. The proposed TSM measures included in this alternative are as follows:

- Increase and improve existing bus service in the corridor
- Premium bus
- Integrate the bus service improvements with enhanced feeder and distributor service and work with existing providers/programs in the area
- Enhance feeder bus service to Metro and MARC stations
- Provide interactive transit information at major employment centers in the Corridor

The proposed TDM measures included in this alternative are as follows:

- Additional park and ride lot/spaces throughout the corridor. Preliminary concepts were developed at US 15 interchanges with Monocacy Boulevard (formerly Trading Lane)/Christopher's Crossing, and Biggs Ford Road. The park and ride locations were initially based on the October 1997 Summary Report from the *I-270 Park and Ride Site Identification Study* and were further refined for the 2002 DEIS and following the 2002 Public Hearing.

- Enhanced rideshare program in the study area, which includes interactive ride matching at major employment centers and implementation of a regionally supported Guaranteed Ride Home (GRH) program. MWCOG currently provides a GRH program for commuters who regularly carpool, vanpool, bike, walk or take transit to work with a reliable ride home when one of life's unexpected emergencies (such as personal crises or unscheduled overtime) arises. This free program is available up to four times per year and operates on weekdays from 6:00 AM to 10:00 PM.
- Comprehensive vanpool program in the study area, which includes financial start-up assistance, increased vanpool eligibility for Metrochek, a consolidated matching database and establishment of a vanpool loaner program.
- Improved pedestrian access to the Shady Grove Metro station and MARC stations.
- Completion of specific components of the Metropolitan Washington Council of Governments (MWCOG) Constrained Long Range Plan (CLRP) Bicycle Element, such as constructing specific critical segments of the MWCOG Bicycle Element to provide for a fully linked system in the Corridor.
- Improved regional telecommuting program
- Encouragement of flexible work hours

1.2.2.2 Proposed Highway Component

Alternatives 6A and 6B consist of adding general-purpose lanes, ETLs, auxiliary lanes and direct access ramps along I-270, and general-purpose and auxiliary lanes along US 15. Figure 3 displays a general map of Alternatives 6A and 6B. Figure 4 displays the proposed highway typical sections, identical for both alternatives, at a northern and southern location along the I-270 corridor. As per the Montgomery and Frederick County master plans, only one additional lane is being considered on I-270 between MD 121 and I-70. This additional lane is being evaluated as an ETL in Alternatives 6A and 6B. The proposed I-270 section between MD 121 and MD 85 would include two general-purpose lanes and one ETL in each direction. For safety and ETL enforcement purposes, an inside shoulder width of 16 feet has been included in the design of the proposed alternatives. An outside shoulder width of 12 feet has been included in the proposed alternatives to allow a safe refuge area for vehicles. The following describes the highway improvement components by highway segment from the south (Shady Grove Road) to the north (Biggs Ford Road). The improvements are generally described in the direction of travel.

Express Toll Lanes:

ETLs are generally new capacity tolled highway lanes which can be combined with existing highway lanes, providing motorists a choice for a relatively congestion-free trip when travel time is critical. In Maryland, the primary purpose of ETLs is to provide new capacity to existing highways and, by providing a toll revenue stream, to help deliver near-term improvements much sooner (advancing construction of key highway improvement projects within the next 5 to 10 years rather than 15 to 20 years) than would be possible using only traditional funding sources. ETLs provide everyone the opportunity of paying a fee to drive in separate, relatively free-flowing lanes on a given trip or remaining in the existing free lanes. Toll rates would vary based on demand, either by time of day or actual traffic conditions, and would be collected electronically at full highway speeds. ETLs would use tolls selectively to expand highway capacity and reduce congestion during peak travel times.

General-Purpose, ETL and Auxiliary Lane Additions:

The ETLs would occupy the inside, or median, lanes in both the northbound and southbound directions. The ETLs would be barrier-separated from the general-purpose lanes, and access would be gained via either direct access ramps or open access/slip ramps. For Alternatives 6A and 6B, two ETLs per direction would be located from I-370 to Newcut Road, and one ETL per direction would be located from Newcut Road to north of MD 80.

Figure 3
Alternatives 6A & 6B Montgomery County

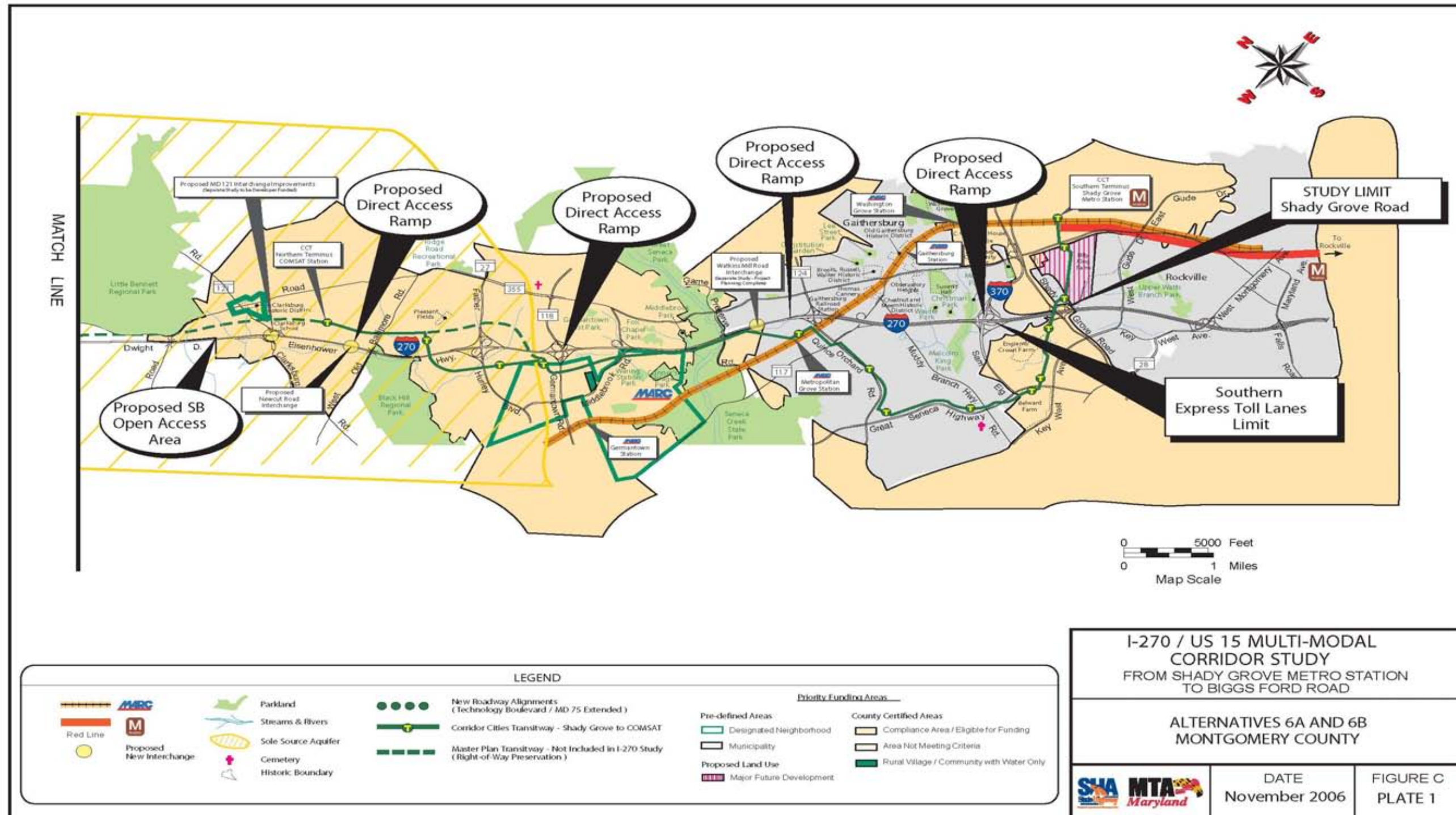
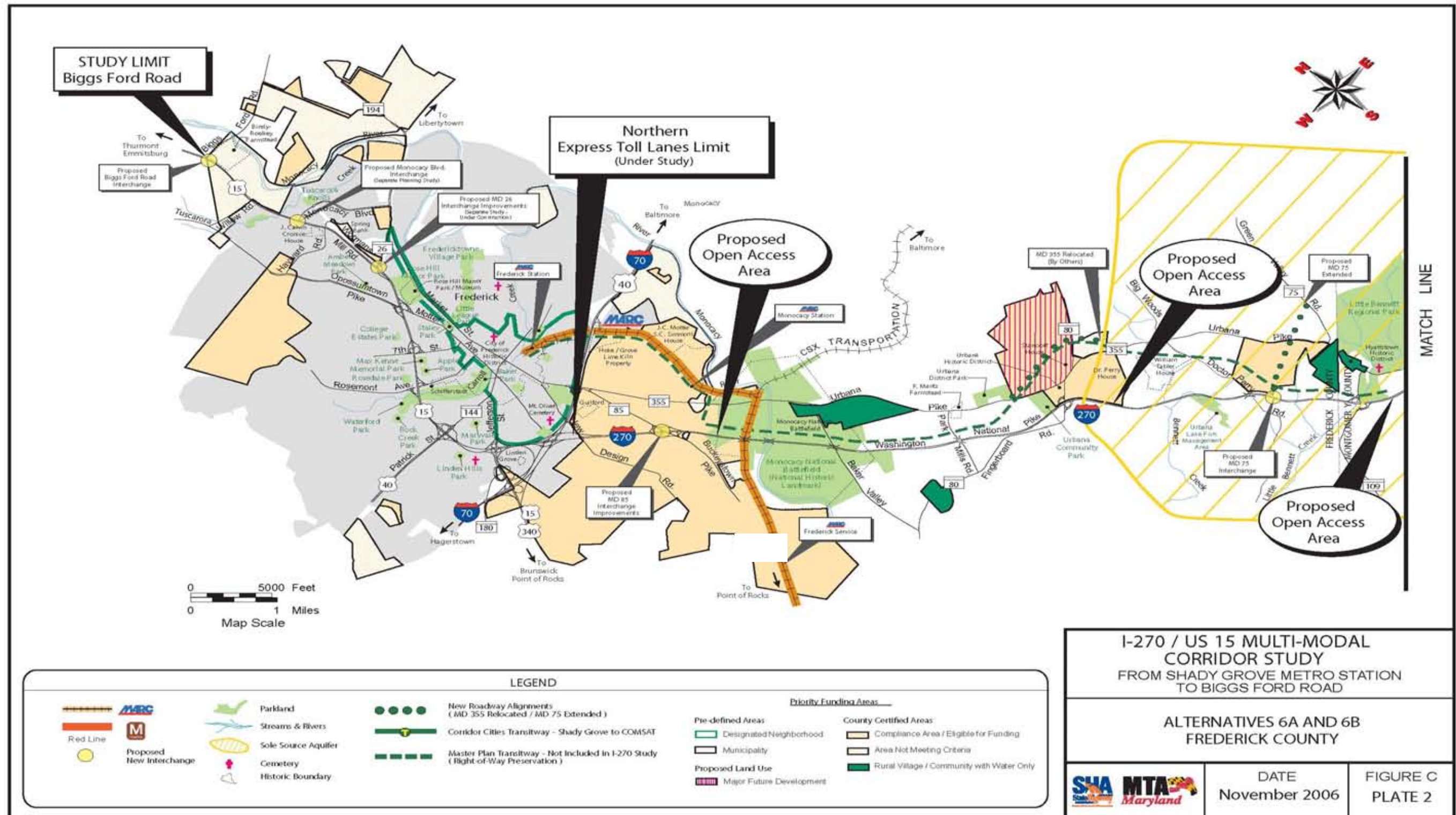


Figure 4
Alternatives 6A & 6B Frederick County



- **Shady Grove Road to I-370** – The segment of I-270 between Shady Grove Road and I-370 represents a transition zone from existing HOV lanes that will continue south of Shady Grove Road to I-495 and proposed ETLs that will continue to north of MD 80.

In the northbound direction, between Shady Grove Road and I-370, the existing northbound HOV lane would transition to an ETL and would be barrier-separated from the existing three general-purpose lanes. The two existing northbound CD lanes would merge to become an outside general-purpose lane, for a total of five northbound lanes. In the southbound direction, the existing inside general-purpose lane would transition to a barrier-separated ETL through the I-370 interchange, then transition to an inside HOV lane south of Shady Grove Road; the barrier would be removed. An additional general-purpose lane would be added through outside widening. This outside lane and a diverged lane from the next lane would be shifted slightly west to become barrier-separated C-D roads continuing southbound.

- **I-370 to MD 124** - In the northbound direction, the existing I-270 northbound HOV lane would transition to an ETL and a second ETL would be added through inside widening. The three existing general purpose lanes would be relocated to the outside of the barrier and one additional general-purpose lane would replace the two existing C-D lanes. North of MD 117, the outside general-purpose lane would become the off-ramp to MD 124 eastbound. In the southbound direction, the existing I-270 southbound inside general-purpose lane would transition to an ETL and an additional ETL would be added through inside widening. This inside ETL would become the direct exit ramp to I-370. An additional general-purpose lane would be added by widening to the outside, for a total of four general-purpose lanes. An auxiliary lane would be added to extend the acceleration-deceleration lanes between MD 117 and I-370.
- **MD 124 to Middlebrook Road** – Between MD 124 and Middlebrook Road in the northbound direction, both the existing HOV lane and the inside general-purpose lane would transition to ETLs. An additional general-purpose lane would be added to the outside. An auxiliary lane would extend the acceleration-deceleration lanes between MD 124 and Watkins Mill Road. Two existing southbound inside general-purpose lanes would be converted to ETLs; an additional general-purpose lane would be added to the outside; and an auxiliary lane would extend the acceleration-deceleration lanes between Watkins Mill Road and Middlebrook Road.
- **Middlebrook Road to MD 118** - In the northbound direction between Middlebrook Road and MD 118, both the existing HOV lane and the inside general-purpose lane would transition to ETLs. An additional general-purpose lane would be added to the outside. In the southbound direction, two existing inside general-purpose lanes would be converted to ETLs, and an additional general-purpose lane would be added to the outside.
- **MD 118 to Father Hurley Boulevard** – On I-270 northbound between MD 118 and Father Hurley Boulevard, the existing northbound HOV lane would transition to an ETL and a second ETL would be added through inside widening. An additional general-purpose lane would be added through outside widening in both the northbound and southbound directions, and auxiliary lanes would connect the acceleration and deceleration lanes between the interchanges in both directions. In the southbound direction the inside general-purpose lane would transition to an ETL and a second ETL would be added through inside widening.
- **Father Hurley Boulevard to MD 121** - Between Father Hurley Boulevard and MD 121, the existing northbound HOV lane would be converted to an ETL and a new ETL would be

added to the inside in the northbound direction. An additional general-purpose lane would be added through outside widening. At Newcut Road, the inside ETL would become the direct access off-ramp, and only one ETL would continue to MD 121. In the southbound direction, an ETL would be added through inside widening. From the Newcut Road interchange, the inside direct on-ramp would continue as a second ETL. The three existing general-purpose lanes would continue as southbound through lanes.

- **MD 121 to MD 80** - Between MD 121 and MD 80, an ETL would be added through inside widening in both the northbound and southbound directions. The existing general-purpose lanes in both directions would be shifted approximately 30 feet to the outside to accommodate the addition of the ETL, shoulders, and barrier.
- **MD 80 to MD 85** – I-270 between MD 80 and MD 85 represents a transition zone where the ETLs end (northbound) and begin (southbound). In the northbound direction, just north of MD 80, the ETL would transition to a general-purpose lane and the barrier would be removed. The outside general-purpose lane would transition to a two-lane off-ramp to MD 85. Just before MD 85, the outside general-purpose lane would transition to two auxiliary lanes. In the southbound direction, the inside general-purpose lane would be shifted to the inside to transition to a barrier-separated ETL, just north of MD 80; an additional general-purpose lane would be added to the outside, extending from the MD 85 on-ramp to I-270.
- **MD 85 to I-70** – Between MD 85 and I-70, an additional general-purpose lane would be added to the inside in the northbound direction. The two inside general-purpose lanes (one added, one existing) would continue as through lanes. The two outside general-purpose lanes would become off-ramps to I-70. Two new on-ramps from MD 85 would extend under the exiting ramps, merge and become a third northbound general-purpose lane.

In the southbound direction, an additional general-purpose lane would be added, extending from the I-70 eastbound on-ramp. A second general-purpose lane would be added through outside widening. The outside general-purpose lane would become the southbound off-ramp to MD 85 westbound. Two auxiliary lanes would also be added to the outside between the interchange acceleration/deceleration ramps in the southbound direction.
- **I-70 to MD 26** - Between I-70 and MD 26, one additional northbound and southbound general-purpose lane would be added to US 15 through inside widening, and one auxiliary lane connecting interchange acceleration/deceleration ramps (not a continuous outside lane) would be added to the outside in both the northbound and southbound directions.
- **MD 26 to Monocacy Boulevard/Christopher's Crossing (proposed)** - Between MD 26 and Monocacy Boulevard/Christopher's Crossing, one general-purpose lane would be added in both the northbound and southbound directions through outside widening.
- **Monocacy Boulevard/Christopher's Crossing (proposed) to Biggs Ford Road** - From Monocacy Boulevard/Christopher's Crossing to north of Biggs Ford Road, one general-purpose lane would be added in both the northbound and southbound directions through inside widening.

Collector-Distributor Lanes

Collector-Distributor (C-D) lanes are local lanes, parallel to the freeway (referred to as mainline lanes) and separated by a barrier, that carry traffic merging on and off of the freeway. Slip ramps accommodate traffic movements between the mainline and C-D lanes.

Alternatives 6A and 6B would transition the I-270 northbound C-D lanes that currently extend from I-370 to MD 124 to general-purpose lanes. The northbound I-270 C-D lanes would end at I-370. Alternatives 6A and 6B would make one change to the I-270 southbound C-D lanes that currently begin at I-370. The southbound C-D roadway slip ramp to mainline I-270 between I-370 and Shady Grove Road would be eliminated.

Direct Access Ramps

As part of the highway component in Alternatives 6A and 6B, ETL lane access would be provided in the following locations:

- south of I-370 at the south ETL terminus (northbound vehicle access),
- via direct access ramps to/from I-370 east,
- via direct access ramps at the Metropolitan Grove Road Extended interchange,
- via direct access ramps at the MD 118 interchange,
- via direct access ramps at the proposed Newcut Road interchange,
- between the MD 121 and MD 109 interchanges (open access),
- between the MD 75 and MD 80 interchanges (open access),
- north of MD 80 at the north ETL terminus (southbound vehicle access).

Direct access ramps at Metropolitan Grove Road Extended, at MD 118 and at the proposed Newcut Road interchange would facilitate movements to the existing and proposed CCT transit stations at Metropolitan Grove, Germantown Center and COMSAT, respectively.

At the MD 118 and Newcut Road interchanges, direct access ramps would be located in the median of the freeway to provide access directly from the I-270 ETL lanes. Direct access ramps for the Metropolitan Grove Transit Station would be developed based on further federal, state, and local coordination, with a potential option for the direct access ramps to be located at the proposed Watkins Mill Road interchange. The direct access ramps being considered would provide on and off access from both directions of the highway via one lane to the center of the interchange bridge.

Both the proposed ETL lanes and direct access ramps will enhance bus service along I-270 to serve employment and residential areas that are not served by the CCT and Metrorail.

Proposed Interchanges

Three new interchanges are proposed as part of Alternatives 6A and 6B.

- **I-270/Newcut Road** - The proposed I-270/Newcut Road interchange would be located in Montgomery County, approximately 1.1 miles south of the MD 121 interchange, as recommended by the *Clarksburg Master Plan and Hyattstown Special Study Area*. The interchange would provide access to/from the east side of I-270 but would not preclude a future extension of Newcut Road west of I-270. In addition, this interchange would include direct access ramps from the ETLs to provide on and off access from both directions of the highway via one lane to the center of the interchange bridge. Proposed Newcut Road would intersect with proposed Observation Drive Extended and proposed Gateway Center Drive Extended, approximately 1,500 feet east of I-270 and approximately 1,000 feet north of West Old Baltimore Road. The proposed interchange configuration is a partial cloverleaf interchange with one loop ramp and one outer ramp located in the northeast quadrant and southwest quadrants.
- **I-270/MD 75 Extended** - The proposed I-270/MD 75 interchange would be located in Frederick County, approximately 1.2 miles north of the MD 109 interchange in Montgomery County, as recommended by the *Urbana Region Comprehensive Plan*. This interchange

would only access the east side of I-270; no connection would be provided to the west in order to be consistent with State/County Smart Growth initiatives and to preserve the agricultural land uses on the west side of I-270. Proposed MD 75 extended (a two-lane roadway) would connect the proposed I-270/MD 75 interchange with MD 355, approximately 100 feet south of the existing MD 355/Lewisdale Road intersection. The alignment would then extend further east to connect with existing MD 75 near the Lewisdale Road intersection. The interchange concept is a trumpet interchange, with one loop ramp and one outer ramp located in the northwest quadrant, and outer ramps located in the northeast and southeast quadrants.

- **US 15/Biggs Ford Road** - A new interchange is proposed at the current at-grade intersection of US 15 and Biggs Ford Road in Frederick County, as recommended by the *Frederick County Comprehensive Plan*. The *Frederick County Comprehensive Plan* shows Biggs Ford Road being extended to the west of US 15; however, that extension is not included in the preliminary design of this proposed interchange. With grade separation of the Biggs Ford Road intersection, the median openings at Biggs Ford Road and Sundays Lane (1,800 feet north of Biggs Ford Road) will be closed. The median openings are currently channelized, allowing only left turns from US 15 into the cross streets and U-turns. Traffic desiring to travel south on US 15 from Biggs Ford Road currently must travel north to make a U-turn at the Sundays Lane median opening. This new interchange, along with the closure of the median openings, will improve safety conditions along US 15 in this vicinity by eliminating the U-turns and left turns across a high-speed roadway.

The preliminary Biggs Ford Road interchange configuration is proposed as a partial cloverleaf interchange. In the northbound direction, a loop ramp and outer ramp will be located in the southeast quadrant. In the southbound direction, the off-ramp is proposed to connect with a proposed service road which parallels US 15 from Sundays Lane to Biggs Ford Road. The off-ramp will intersect the proposed service road approximately 800 feet north of Biggs Ford Road. The on-ramp will be a standard outer ramp from Biggs Ford Road.

Three additional interchanges on I-270 or US 15 are proposed as separate planning projects:

- **I-270/Watkins Mill Road** – A proposed interchange would be located in Montgomery County, approximately 0.7 mile north of the MD 124 interchange, as recommended by the *Gaithersburg Master Plan*. Watkins Mill Road was initially part of the I-270/US 15 Multi-Modal Corridor Study but was broken out and evaluated as a separate project planning study. A build alternative has been selected and final design is under way.
- **I-270/MD 121** – A separate project planning study has been initiated to evaluate the existing interchange ramp movements and a proposed southwest quadrant on-ramp to serve new development west of the interchange. The study will also examine the number of lanes required on MD 121 through the interchange vicinity.
- **US 15/Monocacy Boulevard/Christopher's Crossing (proposed)** - A proposed interchange would be located at the current at-grade intersection of US 15 and Monocacy Boulevard, connecting with Christopher's Crossing, in Frederick County, as recommended in the *Frederick County Comprehensive Plan*. The preliminary interchange configuration is proposed as a standard diamond interchange. This interchange has recently been broken out of the corridor study to be completed as a separate project planning study.

Interchange Improvements

- **I-270/Shady Grove Road** – The I-270/Shady Grove Road interchange on- and off-ramps will be modified slightly to accommodate ramp movements on/off the existing C-D roads and the northbound ETL entrance.
- **I-270/I-370/Sam Eig Highway** – The I-270/I-370 interchange will be modified to include direct access ETL flyover ramps from I-370 westbound to I-270 northbound and from I-270 southbound to I-370 eastbound. The flyover ramp from I-270 southbound to I-370 eastbound will be modified to relocate support piers outside of the I-270 roadway improvements. The Industrial Drive bridge over I-370 will be relocated slightly south of its present location in order to relocate bridge piers outside of the new ramps. Other ramp modifications include lane widening and lane extensions as necessary.
- **I-270/MD 117** - The MD 117 interchange will be modified in the southbound direction. The modification will provide for a potential direct access ETL ramp in the southwest quadrant. In order to accommodate the potential direct access ETL ramp, the existing MD 117 to southbound I-270 ramp in the southwest quadrant will need to be shifted to the west.
- **I-270/MD 118** - The MD 118 interchange will be modified to include a second lane on the ramp from eastbound MD 118 to southbound I-270 in the southwest quadrant.
- **I-270/MD 121** - The MD 121 interchange includes slight improvements to the outer ramp from I-270 northbound to MD 121. The purpose of this geometric improvement is to remove the existing sharp curve on the ramp in order to provide for a safer design speed when exiting the highway.
- **I-270/MD 80** - The MD 80 interchange includes one potential modification scenario. The scenario assumes a northbound I-270 to eastbound MD 80 ramp in the southeast quadrant as part of a separate Interstate Access Point Approval design effort. In addition, the scenario consists of improving the tight radius of the MD 80 to northbound I-270 ramp in the northeast quadrant and the tight radius of the MD 80 to southbound I-270 ramp in the southwest quadrant in order to improve safety conditions and increase design speed. In addition, a new southbound I-270 to westbound MD 80 ramp is proposed in order to improve the level of service on the southbound ramp terminal. This ramp would eliminate the left turns required off the existing loop ramp. The southbound I-270 to westbound MD 80 ramp merges with MD 80 just west of the southbound I-270 ramp terminal intersection.
- **I-270/MD 85** - The MD 85 interchange will be modified in the northbound direction: (1) just north of Monocacy Battlefield, a two-lane ramp will split from the outside general-purpose lane; the inside ramp lane will be a direct ramp to MD 85 eastbound, and the outside ramp lane will become a flyover loop ramp to MD 85 westbound; (2) a second set of ramps will split from the outside general-purpose lane to provide a C-D road/ramp to existing I-70 eastbound and westbound ramps; (3) on-ramps from MD 85 eastbound and westbound will form a northbound access road to either US 15 north or I-70.

In the southbound direction modifications will include: (1) just north of the Westview Corporate Campus, a flyover loop ramp from the outside general-purpose lane will provide for traffic from southbound I-270 to MD 85 eastbound; (2) a pair of outside general-purpose lanes will form a two-lane exit ramp to carry vehicles traveling to MD 85 westbound, and the northbound I-270 to MD 85 westbound flyover ramp will join these ramps prior to merging with MD 85; (3) in the southwest quadrant, on-ramps from MD 85 eastbound and westbound will join to convey traffic to I-270 southbound.

- **I-270/I-70** – In the northbound direction, the I-70 interchange will not be modified. The I-70 eastbound to I-270 southbound ramp will be modified: the ramp will be split to provide an on-ramp to the inside southbound lane of I-270 for traffic wishing to use the ETL lanes that will begin south of MD 85 and an on-ramp to the outside general-purpose lane of I-270 southbound. The I-270 southbound mainline will be shifted slightly to provide space for the inside ramp. This ramp is not part of the I-270/US 15 Multi-Modal Corridor Study.
- **Jefferson Street/US 15/US 340** - The Jefferson Street interchange modification would add a one-lane flyover ramp from the median of eastbound US 340 to the median of northbound US 15. The flyover ramp will be restricted to southbound US 340 traffic heading for interchanges north of US 40/MD 144. Traffic destined for US 40/MD 144 will be signed to use the existing ramp. This division of movements will provide better traffic operations for northbound US 15.

Park and Ride Lots

One park and ride lot is being considered as part of the proposed alternative, in the northwest quadrant of the US 15/Biggs Ford Road proposed interchange.

1.2.2.3 Proposed Transit Component

The CCT is a proposed transit alignment within the I-270 Corridor that is generally recognized and reserved in the Montgomery County master plans. It is approximately 13.5 miles in length and generally runs northwest beginning at the existing Shady Grove Metro Station and ending at the COMSAT facility, south of Clarksburg. See the following Figure 5.

The CCT alignment begins at the Shady Grove Metro Station on the west side near the existing Park and Ride facility. It proceeds west, crossing MD 355 onto the median of King Farm Boulevard. The MD 355 crossing could be at-grade, above-grade, or below grade. King Farm Boulevard was designed to accommodate the transitway in the median and was completed prior to the construction of adjacent residential units.

After crossing Piccard Drive at the end of King Farm Boulevard, the CCT turns to the northwest and begins an above-grade crossing over Shady Grove Road and I-270. Two alignments are considered: crossing directly from the southeast to the northwest, or crossing from the southeast, crossing Shady Grove Road to the north then crossing I-270 to the west.

At the west end of the bridge, the CCT is proposed to follow a new alignment along Fields Road near the England and Crown Farm historic property and along Decoverly Drive through the historic property to integrate with the proposed Crown Farm development at this location. The development is receiving final approvals and construction is likely to begin in 2007. The transitway would be located in the median or along the south side of Fields Road or Decoverly Drive to avoid the remaining historic structures. Continuing west on Decoverly Drive, the transitway crosses MD 119 above-grade, then turns to the north and continues along the west side of MD 119.

At Muddy Branch Road, the transitway crosses MD 119 diagonally to the east side, either at-grade or above-grade. Continuing along MD 119 on the east side, the transitway approaches Quince Orchard Park and turns slightly northeast toward MD 124. After crossing Orchard Ridge Drive, the alignment turns east, south of MD 124, and aligns along the right curblane, passing the National Institute of Standards and Technology (NIST). At the MD 124/MD 117 intersection, the transitway crosses the intersection diagonally, either at-grade or above-grade, to the west side of MD 124. After crossing Firstfield Road, the alignment crosses under the CSX tracks, then turns west to continue parallel to the CSX tracks to the Metropolitan Grove MARC Station.

From the Metropolitan Grove MARC Station, the CCT continues under Watkins Mill Road to align immediately adjacent to I-270 southbound as it passes through Seneca Creek State Park. After crossing over Middlebrook Road, the transitway continues in a northwesterly direction between the US Department of Energy and Gunners Lake Village to the west, crosses under MD 118, through the Germantown Transit Center, and then turns to continue northerly in the median of reconstructed Century Boulevard. The transitway alignment continues north in this roadway median and its proposed extension under Father Hurley Boulevard. At the intersection of the proposed Dorsey Mill Road extension, the transitway crosses over I-270 in the median of Dorsey Mill Road extended to Observation Drive. Turning north into the median of Observation Drive, the CCT continues north in the Observation Drive median and its proposed extension past West Old Baltimore Road to its terminus at COMSAT.

There are no differences in alignment for mode choice (LRT or BRT). Feeder bus service would operate in the communities and, in the case of BRT, could proceed onto the transitway. Express bus service would also operate along the proposed I-270 express toll lanes.

This reserved master plan alignment serves those areas identified and approved by Montgomery County and results in a number of sharp turns along the alignment, as described above. The sharp turns are required to reduce right-of-way impacts and displacements; accommodate existing and proposed/approved developments; prevent interference with intersection traffic flow and maintain continuous traffic movements; and provide for a safe, pedestrian-friendly environment.

Table 2 provides detail for each of the proposed transit stations along the CCT. As indicated in the table, all proposed stations, except Firstfield Station, are to be at-grade regardless of the mode selected. Based on the vertical geometrics of the CCT alignment, an at-grade station would preclude LRT because of grade restrictions, however, BRT could be accommodated (Option 1). An above-grade/elevated station can accommodate either BRT or LRT technology (Option 2).

Alternative 6A: Light Rail Transit on the CCT

Alternative 6A includes a double-tracked LRT system along the CCT. Track centers would be spaced approximately 14 feet apart and the overall width of the typical section would generally range between 50 and 75 feet. This right-of-way would also include the overhead catenary system used to power the light rail vehicles. The placement of the catenary poles could be between the two tracks or to the outside of each track. For study purposes, MTA light rail vehicle design specifications, such as those used for Baltimore Central Light Rail Line, were used. Service on the LRT facility would be augmented by express bus service to the Shady Grove Metro Station using the I-270 express toll lanes.

A maintenance and storage facility would be required along the CCT corridor for the LRT vehicles. The evaluation of potential locations is discussed in the next section.

A number of bikeway and equestrian trails exist or are planned in the I-270/US 15 Corridor. Bikeways and trail resources provide a travel alternative to the automobile and complement the recreational aspects of park resources. Montgomery County's *County Bikeways Functional Master Plan* (March 2005) contains recommendations for future bikeway routes. The *Gaithersburg Vicinity Master Plan* indicates that continued use and enjoyment of the equestrian trails is being threatened by development, and recommends that an attempt be made to accommodate these trails as development occurs. The *City of Frederick Comprehensive Plan* indicates that the City will prepare a Bikeway Plan to address short and long-range needs and implementation issues.

Bicycle and pedestrian access, as called for in the county's master plans will be provided along the transitway alignment, which will increase the transportation options available in the area.

Table 2
PRELIMINARY TRANSITWAY STATIONS

Station Name ¹ – (Approximate Mileage Along CCT Alignment)	Timeframe ²	Access	Proposed Master Plan Spaces ³
Shady Grove (0.0)	2030 Included in Model	Park and Ride/Bus	2,140-space structure added in 2003; total spaces 5,865 ⁴ (<i>Metro parking</i>)
East Gaither (King Farm) (0.6±)	2030 Included in Model	Initially walk only; Master Plan ³ Park and Ride/Bus	100 spaces; 4 bus berths
West Gaither (King Farm) (1.2±)	2030 Included in Model	Initially walk only; Master Plan ³ Park and Ride/Bus	100 spaces; 4 bus berths
Washingtonian (2.3±)	2030 Included in Model	Park and Ride/Bus	250 spaces; curbside bus
DANAC (3.0±)	2030 Included in Model	Walk Only	0 spaces
Decoverly (3.3±)	2030 Included in Model	Park and Ride/Bus	250 spaces; 4 – 6 bus berths
Quince Orchard (5.1±)	2030 Included in Model	Park and Ride/Bus	500 spaces (structured); 4 - 6 bus berths
NIST (6.0±)	2030 Included in Model	Walk Only/Bus	0 spaces Bus turnouts
Firstfield (6.7±) Option 1: At-grade - BRT only Option 2: Elevated - LRT/BRT	Master Plan (beyond 2030)	Walk Only	0 spaces
Metropolitan Grove (7.3±)	2030 Included in Model	Park and Ride/Bus	<i>Study 1</i> 700 spaces; 5 bus berths <i>Study 2</i> 1,000 spaces (north side); 350 spaces (south side); 8 bus berths; 30 kiss 'n ride
Middlebrook (9.6±)	Master Plan (beyond 2030)	Park and Ride/Bus	50 spaces; 2 bus berths; 8 kiss 'n ride
Germantown Center (10.5±)	2030 Included in Model	Park and Ride/Bus	600 spaces; 9 bus berths; 20 kiss 'n ride
Cloverleaf (11.1±)	2030 Included in Model	Walk Access/Bus	50 spaces; 2 bus berths; 10 kiss 'n ride
Manekin (11.9±)	Master Plan (beyond 2030)	Park and Ride/Bus	500 spaces; 2 bus berths; 10 kiss 'n ride
Dorsey Mill (12.3±)	2030 Included in Model	Park and Ride/Bus	500 spaces; 4 bus berths; 10 kiss 'n ride
COMSAT (13.7±)	2030 Included in Model	Park and Ride/Bus	1,000 spaces; 4 bus berths; 30 kiss 'n ride

Table 2 Notes:

1. All stations are at-grade unless otherwise noted.
2. COG/TPB Travel Forecasting Model, Version 2.1D #50 (MWCOC 2004)
3. Refers to CCT Study 1 for the Southern Segment from Shady Grove to Metropolitan Grove (1993) and the *Final Report: Shady Grove-Clarksburg Transitway Study 2* (Montgomery County Office of Project Development, Department of Public Works and Transportation, 1997). Preliminary park and ride facilities are subject to change; to be integrated with future land use.
4. Existing facility; no new spaces planned.

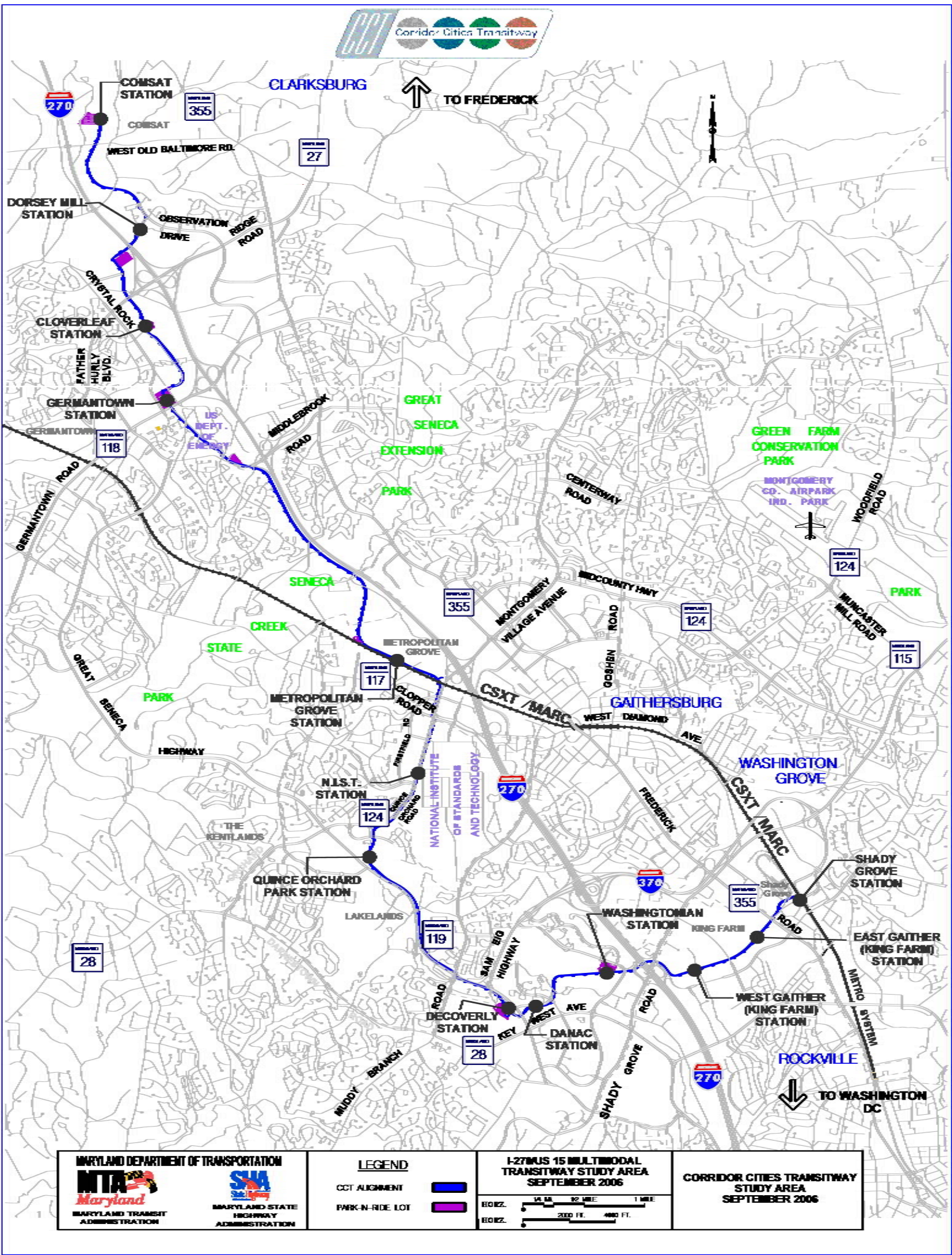
Alternative 6B: Bus Rapid Transit on the CCT

Alternative 6B includes BRT along the CCT. BRT uses buses to emulate the speed, reliability, and image of light rail. Bus service will operate in two general formats: (1) line haul along the CCT; and, (2) feeder buses which circulate through neighborhoods before using the busway. The buses themselves can be more modern in appearance, offering a more "rail-like" image. To enhance boarding and alighting, the buses can be low floor, with multiple doors. Fare collection can be barrier free and "pre-paid," similar to light rail operations. The CCT would be a paved roadway used exclusively by buses. The roadway would be constructed with one 12-foot lane in each direction. The overall width of the typical section would range from 45 to 70 feet. Service on the BRT facility would be augmented by express bus service to the Shady Grove Metro Station using the I-270 express toll lanes.

A maintenance and storage facility would be required along the CCT corridor for the BRT vehicles. The evaluation of potential locations is discussed in the next section.

The BRT alignment (Alternative 6B) also includes a hiker/biker trail such as that described in Alternative 6A above.

Figure 5
Corridor Cities Transitway



1.2.2.4 Transitway Operations and Maintenance Facilities

Along the I-270/US 15 Multi-Modal Corridor, the project team evaluated three separate areas, with various site options, to determine the potential for constructing a transitway operations and maintenance facility. This facility would serve as the centralized location where transit vehicles are inspected, repaired, cleaned and stored. Most of the operations and maintenance facility locations that have been evaluated could be used for either the LRT or BRT alternative. Based on the operations, a single facility is adequate for initial operations from Shady Grove to COMSAT but storage/rail tracks may be needed to improve internal operation and reduce the deadhead travel times for the LRT alternative.

Shady Grove Area Sites

There are two sites located within the Shady Grove Metro Station area. These sites are located at the northern terminus of the existing Metro Red Line and were selected based on existing land use and proximity to the transitway.

Redland Road

This site is located at the southern terminus of the CCT, just south of the Shady Grove Metro Station. The property is in a developed area and is currently occupied by various businesses. The property is bounded by the existing WMATA and CSX tracks to the east, MD 355 (Frederick Road) to the west, Redland Road to the north, and by Paramount Drive and a private business to the south. The facility could be designed to accommodate either BRT or LRT. An LRT facility would be connected to the transitway by a track extension running south from the Shady Grove CCT Station under the existing Redland Road bridge over CSX to the site. A BRT facility would have a bus entrance on Redland Road directly across from the existing Metro parking lot entrance.

Crabbs Branch Way

This site is located along the west side of Crabbs Branch Way between Shady Grove Road and I 370. The site is currently undeveloped, is surrounded by major roadways and commercial and industrial uses, and is located less than three-quarters of a mile from the Shady Grove Metro Station. This is the only site not immediately adjacent to the transitway mainline and can only serve as a BRT facility. Due to size limitations and potential other uses for the property, this site can only accommodate 79 vehicles, enough to support the CCT but would allow little expansion.

Metropolitan Grove Area Sites

There are two sites located within the Metropolitan Grove Metro Station area. Overall, this area is approximately the midpoint between the Shady Grove and COMSAT termini. As such, it provides less deadheading movements and provides a logical terminus for the first stage construction and operation of the transitway.

PEPCO Transmission Lines

This site is located less than one mile north of the Metropolitan Grove MARC Station. It is adjacent and parallel to both the PEPCO transmission line easement and Seneca Creek State Park. The site is wooded in a rural area and on hilly terrain. It would be directly connected to the transitway along the tracks adjacent to I-270. If the first constructed phase of the CCT stops at Metropolitan Grove, additional tracks would be required to connect to the site. Due to site constraints and access, it would not serve well as a BRT facility and is therefore being considered only for LRT.

Police Vehicle Impound Lot

This site is located just south of the Metropolitan Grove MARC Station near the point where the CCT crosses under the CSX tracks. It is immediately adjacent to the transitway and has access to the local and arterial roads. A portion of the site currently houses the Montgomery County Police Department's Vehicle Impound Lot, and the remainder of the site is wooded. It is located in an industrial area and would be adjacent to a commercial/residential development currently under construction. The site is bounded by the CSX tracks, an I-270 exit ramp, and the proposed Casey West development. The site is suitable for either BRT or LRT.

COMSAT Area Site

There is one site located within the COMSAT area, immediately adjacent to the transitway just south of the COMSAT Station and West Old Baltimore Road.

Observation Drive

The site is currently farmland/open field and is bounded by I-270 to the west, the future Observation Drive to the east, West Old Baltimore Road to the north, and Little Seneca Creek to the south. The CCT mainline is planned to be located in the median of Observation Drive with the rail vehicles accessing the site from an at-grade crossing of the southbound lanes. This site could accommodate BRT only. A BRT facility would be suitable if the project construction phasing stops at Metropolitan Grove or continues to COMSAT.

1.2.3 Alternative 7A: ENHANCED Master Plan ETL/LRT Alternative, Alternative 7B: ENHANCED Master Plan ETL/BRT Alternative

Alternatives 7A and 7B consists of a TSM/TDM component; a highway component with general-purpose, auxiliary and express toll lanes, proposed interchanges, and improvements to existing interchanges; and either LRT (7A) or BRT (7B) on the CCT.

1.2.3.1 Proposed TSM/TDM Component

The proposed TSM/TDM component is the same as for Alternatives 6A and 6B.

1.2.3.2 Proposed Highway Component

Alternatives 7A and 7B consist of adding general-purpose lanes, express toll lanes, auxiliary lanes and direct access ramps along I-270, and general-purpose and auxiliary lanes along US 15. **Figure 6 & 7** shows Alternatives 7A and 7B, including the proposed highway typical sections. Although the Montgomery and Frederick County master plans only consider one additional lane on I-270 between MD 121 and I-70, Alternatives 7A and 7B propose two additional lanes in this location. Both of these additional lanes are evaluated as ETLs in Alternatives 7A and 7B. The proposed I-270 section between MD 121 and MD 85 would include two general-purpose lanes and two ETLs in each direction. For safety and ETL enforcement purposes, an inside shoulder width of 14 feet has been included in the design of the proposed alternatives. An outside shoulder width of 12 feet has been included in the proposed alternatives to allow for a safe refuge area for vehicles.

The highway component for Alternatives 7A and 7B is the same as the highway component for Alternatives 6A and 6B except in the following segments:

- **Father Hurley Boulevard to MD 121** - Between Father Hurley Boulevard and MD 121, the existing northbound HOV lane would transition to an ETL and a new ETL would be added to the inside in the northbound direction. An additional general-purpose lane would be added

through outside widening in both the northbound and southbound directions. In the southbound direction, the inside general-purpose lane would be transitioned to an ETL and a new ETL would be added through inside widening.

- **MD 121 to MD 80** - Between MD 121 and MD 80, two ETLs would be added to the inside in both the northbound and southbound directions. The two existing general-purpose lanes would be shifted approximately 30 feet to the outside to accommodate the ETLs and barrier-separation.
- **MD 82 to MD 85** – Between MD 80 and MD 85, an additional lane would be added to the inside in both the northbound and southbound directions; the designated inside two ETLs would be begin/end just north of the MD 80 interchange. In the south bound direction, the two inside general-purpose lanes would become barrier-separated ETLs north of MD 80; two on-ramp lanes from MD 85 would merge and become a second southbound general-purpose lane. In the northbound direction, two outside general-purpose lanes would exit as off-ramps leading to MD 85 and I-70, respectively.

1.2.3.3 Proposed Transit Component

The proposed transit component of Alternatives 7A and 7B is the same as for Alternatives 6A and 6B, including the CCT alignment, proposed transit stations, and proposed operations and maintenance facilities.

Figure 6
Alternatives 7A & 7B Montgomery County

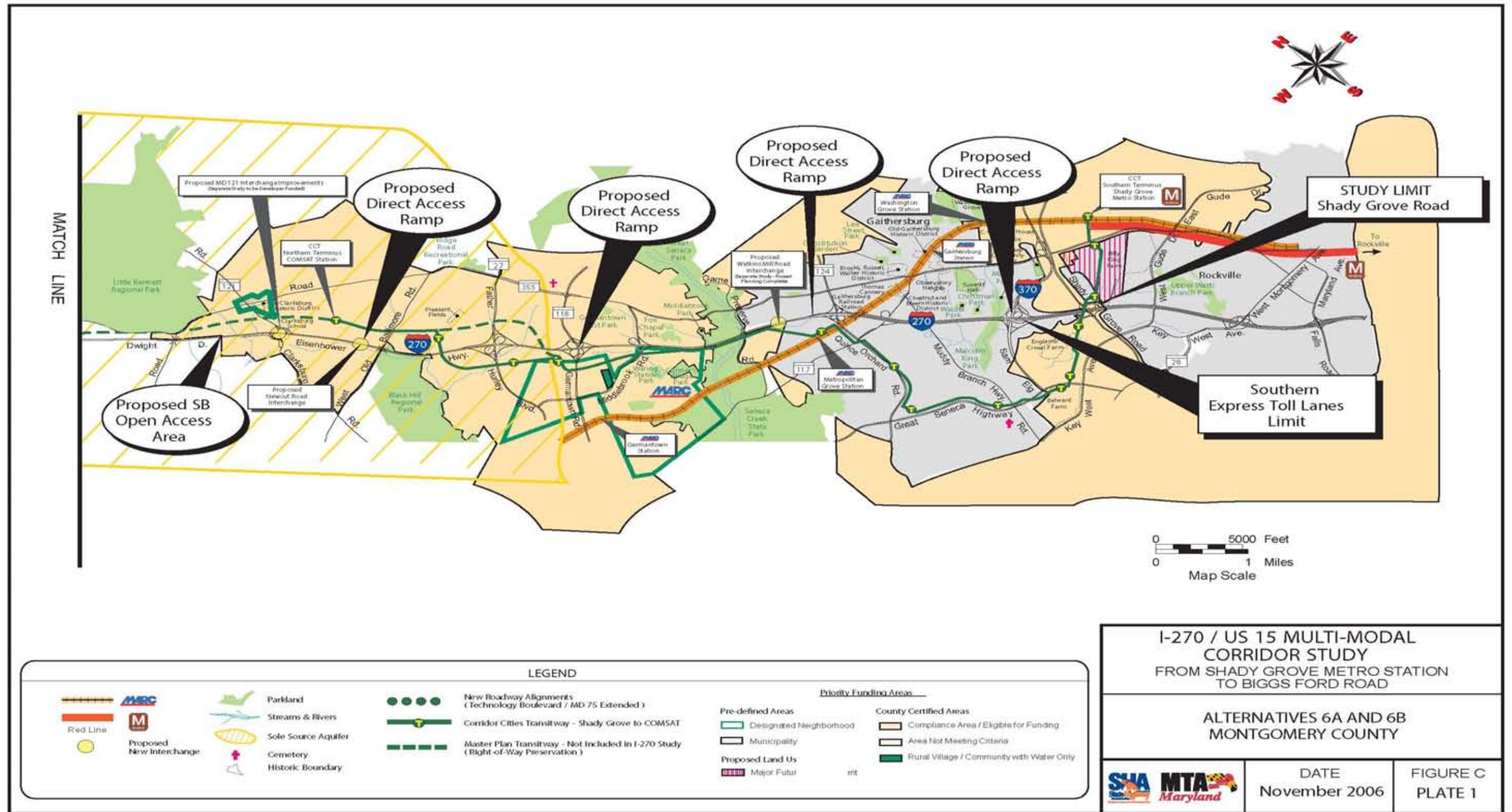
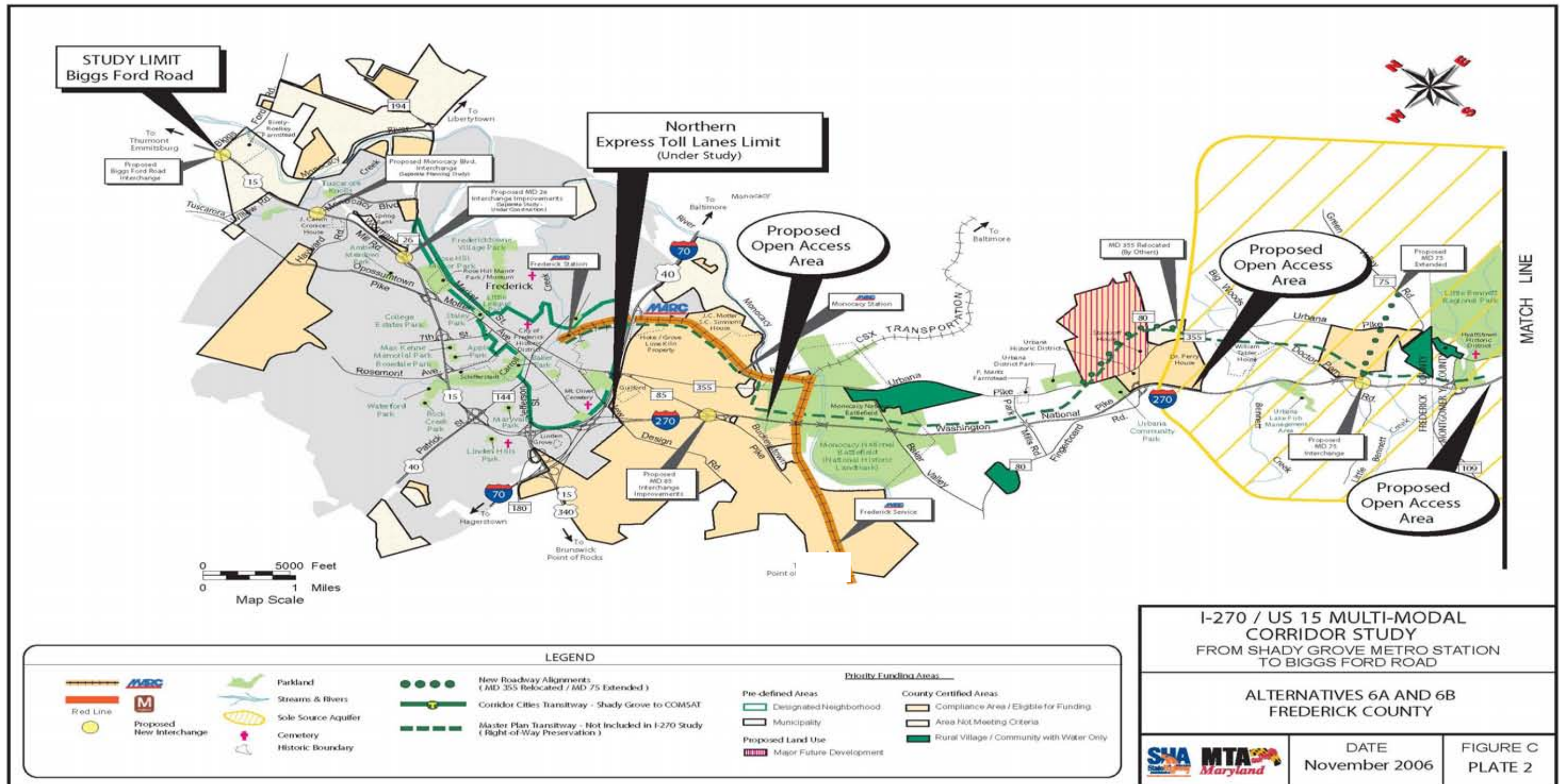


Figure 7
Alternatives 7A & 7B Frederick County



2. AFFECTED ENVIRONMENT

Air pollution is a general term that refers to one or more chemical substances that degrade the quality of the atmosphere. Individual air pollutants degrade the atmosphere by reducing visibility, damaging property, reducing the productivity or vigor of crops or natural vegetation, or reducing human or animal health.

2.1 Clean Air Act Amendments of 1990

The Clean Air Act Amendments of 1990 (CAAA) and the Final Transportation Conformity Rule (40 CFR Parts 51 and 93) direct the EPA to implement environmental policies and regulations that will ensure acceptable levels of air quality.

The Clean Air Act and the Final Transportation Conformity Rule affect proposed transportation projects. According to Title I, Section 176 (c) 2:

"No federal agency may approve, accept or fund any transportation plan, program or project unless such plan, program, or project has been found to conform to any applicable State Implementation Plan (SIP) in effect under this act."

The Final Conformity Rule defines conformity as follows:

Conformity to an implementation plan's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards; and

That such activities will not:

- cause or contribute to any new violation of any NAAQS in any area;
- increase the frequency or severity of any existing violation of any NAAQS in any area; or
- delay timely attainment of any NAAQS or any required interim emission reductions or other milestones in any area.

2.2 National and State Ambient Air Quality Standards

As required by the Clean Air Act, National Ambient Air Quality Standards (NAAQS) have been established for six major air pollutants. These pollutants, known as criteria pollutants, are: carbon monoxide, nitrogen dioxide, ozone, particulate matter (PM₁₀ and PM_{2.5}), sulfur dioxide and lead.

The Federal standards are summarized in Table 3. The "primary" standards have been established to protect the public health. The "secondary" standards are intended to protect the nation's welfare and account for air pollutant effects on soil, water, visibility, materials, vegetation and other aspects of the general welfare.

Table 3
National Ambient Air Quality Standards

Pollutant	Averaging Period	National and State Standards	
		Primary	Secondary
Carbon Monoxide (CO)	8 Hours ¹	9 ppm (10 mg/m ³)	No Secondary Standard
	1 Hour ¹	35 ppm (40 mg/m ³)	No Secondary Standard
Lead (Pb)	Maximum Quarterly Average	1.5 µg/m ³	Same as Primary Standard
Nitrogen Dioxide (NO ₂)	Annual Arithmetic Mean	0.053 ppm (100 µg/m ³)	Same as Primary Standard
Particulate Matter (PM ₁₀)	Annual Arithmetic Mean ²	50 µg/m ³ / Revoked ²	
	24-Hour ³	150 µg/m ³	
Fine Particulate Matter (PM _{2.5})	Annual Arithmetic Mean ⁴	15 µg/m ³	Same as Primary Standard
	98 th Percentile 24-Hour ⁵	65 µg/m ³ / 35 µg/m ³	Same as Primary Standard
Ozone (O ₃)	4 th Highest 8-Hour Daily Maximum ⁶	0.08 ppm	Same as Primary Standard
	Maximum Daily 1-Hour Average ⁷ (Applies only in limited areas)	0.12 ppm (235 µg/m ³)	Same as Primary Standard
Sulfur Dioxide (SO ₂)	Annual Arithmetic Mean	80 µg/m ³ (0.03 ppm)	—
	24 Hours ¹	365 µg/m ³ (0.14 ppm)	—
	3 Hours ¹	—	1300 ug/m ³ / (0.5 ppm)

Notes:

¹ Not to be exceeded more than once per year.

² Due to a lack of evidence linking health problems to long-term exposure to coarse particle pollution, the agency revoked the annual PM₁₀ standard in 2006 (effective December 17, 2006).

³ Not to be exceeded more than once per year on average over 3 years.

⁴ To attain this standard, the 3-year average of the weighted annual mean PM_{2.5} concentrations from single or multiple community-oriented monitors must not exceed 15.0 µg/m³.

⁵ To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35µg/m³ (effective December 17, 2006).

⁶ To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.

⁷ (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is ≤1, as determined by appendix H.

(b) As of June 15, 2005 EPA revoked the 1-hour ozone standard in all areas except the fourteen 8-hour ozone nonattainment Early Action Compact (EAC) Areas. The project is not located in one of these areas.

Abbreviations: ppm = parts per million, µg/m³ = micrograms per cubic meter.

Source: US EPA, "National Primary and Secondary Ambient Air Quality Standards" (49 CFR 50), October, 2006.

2.3 Criteria Pollutants and Effects

Pollutants that have established national standards are referred to as “criteria pollutants.” The sources of these pollutants, their effects on human health and the nation's welfare, and their final deposition in the atmosphere vary considerably. A brief description of each pollutant is given below.

Ozone. O_3 , is a colorless toxic gas. As shown in Figure 8, O_3 is found in both the Earth's upper and lower atmospheric levels. In the upper atmosphere O_3 is a naturally occurring gas that helps to prevent the sun's harmful ultraviolet rays from reaching the earth. In the lower layer of the atmosphere, O_3 is man-made. Although O_3 is not directly emitted, it forms in the lower atmosphere through a chemical reaction between volatile organic compounds (VOC), often referred to as hydrocarbons (HC), and nitrogen oxides (NOx), which are emitted from industrial sources and from automobiles. Substantial O_3 formations generally require a stable atmosphere with strong sunlight, thus high levels of O_3 are generally a concern in the



Figure 8 – Ozone in the Atmosphere

Source: http://www.ozone.ny.org/about_ozone/good_vs_bad_ozone.asp

summer. O_3 is the main ingredient of smog. O_3 enters the blood stream through the respiratory system and interferes with the transfer of oxygen, depriving sensitive tissues in the heart and brain of oxygen. O_3 also damages vegetation by inhibiting their growth.

Particulate Matter. Particulate pollution is composed of solid particles or liquid droplets that are small enough to remain suspended in the air. In general, particulate pollution can include dust, soot, and smoke; these can be irritating but usually are not poisonous.

Particulate pollution also can include bits of solid or liquid substances that can be highly toxic. Of particular concern are those particles that are smaller than, or equal to, 10 microns (PM_{10}) and 2.5 microns ($PM_{2.5}$) in size.

PM_{10} refers to particulate matter less than 10 microns in diameter, about one-seventh the thickness of a human hair (Figure 9). Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter also *forms* when industry and gases emitted from motor vehicles undergo chemical reactions in the atmosphere. Major sources of PM_{10} include motor vehicles; wood burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires

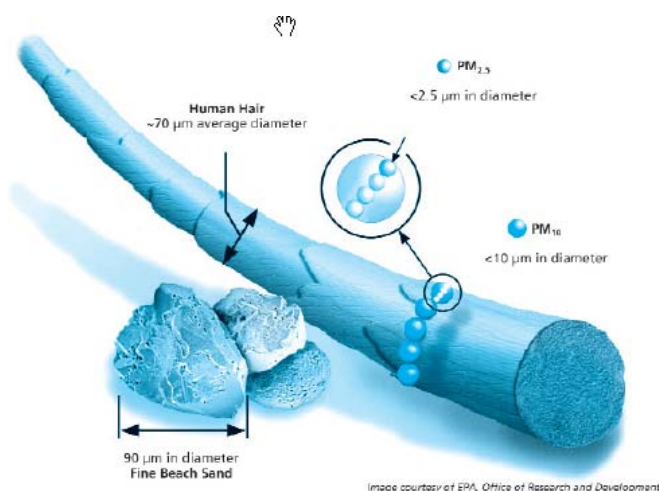


Figure 9 – Relative Particulate Matter Size

and brush/waste burning, industrial sources, windblown dust from open lands; and atmospheric chemical and photochemical reactions. Suspended particulates produce haze and reduce visibility.

Data collected through numerous nationwide studies indicates that most of the PM_{10} comes from:

- Fugitive dust
- Wind erosion
- Agricultural and forestry sources

A small portion of particulate matter is the product of fuel combustion processes. In the case of $PM_{2.5}$, the combustion of fossil fuels accounts for a significant portion of this pollutant. The main health effect of airborne particulate matter is on the respiratory system. $PM_{2.5}$ refers to particulates that are 2.5 microns or less in diameter, roughly 1/28th the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (from motor vehicles, power generation, industrial facilities), residential fireplaces and wood stoves. In addition, $PM_{2.5}$ can be formed in the atmosphere *from* gases such as sulfur dioxide, nitrogen oxides, and volatile organic compounds. Like PM_{10} , $PM_{2.5}$ can penetrate the human respiratory system's natural defenses and damage the respiratory tract when inhaled. Whereas, particles 2.5 to 10 microns in diameter tend to collect in the upper portion of the respiratory system, particles 2.5 microns or less are so tiny that they can penetrate deeper into the lungs and damage lung tissues.

Carbon Monoxide. CO, a colorless gas, interferes with the transfer of oxygen to the brain. CO is emitted almost exclusively from the incomplete combustion of fossil fuels. As shown in Figure 10, on-road motor vehicle exhaust is the primary source of CO. In cities, 85 to 95 percent of all CO emissions may come from motor vehicle exhaust. Prolonged exposure to high levels of CO can cause headaches, drowsiness, loss of equilibrium, or heart disease. CO levels are generally highest in the colder months of the year when inversion conditions (warmer air traps colder air near the ground) are more frequent. CO concentrations can vary greatly over relatively short distances. Relatively high concentrations of CO are typically found near congested intersections, along heavily used roadways carrying slow-moving traffic, and in areas where atmospheric dispersion is inhibited by urban "street canyon" conditions. Consequently, CO concentrations must be predicted on a localized, or microscale, basis.

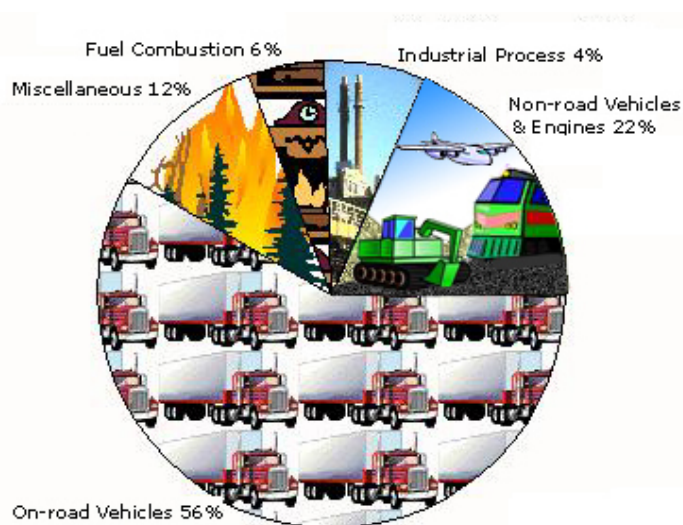


Figure 10 – Sources of CO
Source: <http://www.epa.gov/air/urbanair/co/what1.html#>

Nitrogen Dioxide. NO_2 , a brownish gas, irritates the lungs. It can cause breathing difficulties at high concentrations. Like O_3 , NO_2 is not directly emitted, but is formed through a reaction between nitric oxide (NO) and atmospheric oxygen. NO and NO_2 are collectively

referred to as nitrogen oxides (NO_x) and are major contributors to ozone formation. NO₂ also contributes to the formation of PM₁₀, small liquid and solid particles that are less than 10 microns in diameter (see discussion of PM₁₀). At atmospheric concentration, NO₂ is only potentially irritating. In high concentrations, the result is a brownish-red cast to the atmosphere and reduced visibility. There is some indication of a relationship between NO₂ and chronic pulmonary fibrosis. Some increase in bronchitis in children (two and three years old) has also been observed at concentrations below 0.3 parts per million (ppm).

Lead. Pb, is a stable element which persists and accumulates both in the environment and in animals. Its principal effects in humans are on the blood-forming, nervous, and renal systems. Lead levels in the urban environment from mobile sources have significantly decreased due to the federally mandated switch to lead-free gasoline.

Sulfur Dioxide. SO₂ is a product of high-sulfur fuel combustion. The main sources of SO₂ are coal and oil used in power stations, industry and for domestic heating. Industrial chemical manufacturing is another source of SO₂. SO₂ is an irritant gas that attacks the throat and lungs. It can cause acute respiratory symptoms and diminished ventilator function in children. SO₂ can also yellow plant leaves and erode iron and steel.

2.4 Mobile Source Air Toxics

In addition to the criteria pollutants for which there are NAAQS, EPA also regulates air toxics. Toxic air pollutants are those pollutants known or suspected to cause cancer or other serious health effects. Most air toxics originate from human-made sources, including on-road mobile sources, non-road mobile sources (e.g. airplanes), area sources (e.g. dry cleaners) and stationary sources (e.g. factories or refineries).

The CAA identified 188 air toxics, 21 have been identified with mobile sources. Of these 21, EPA has identified six as being priority Mobile Source Air Toxics (MSAT). These six are:

- Benzene
- Formaldehyde
- Diesel particulate matter/ diesel exhaust organic gases
- Acetaldehyde
- Acrolein
- 1,3-Butadiene

Benzene. (C₆H₆), is a volatile, colorless and highly flammable liquid that dissolves easily in water. Benzene is found in emissions from burning coal and oil, motor vehicle exhaust, and evaporation from gasoline service stations and in industrial solvents. These sources contribute to elevated levels of benzene in the ambient air, which may subsequently be breathed by the public. Acute (short-term) inhalation exposure of humans to benzene may cause drowsiness, dizziness, headaches, as well as eye, skin, and respiratory tract irritation, and, at high levels, unconsciousness. Chronic (long-term) inhalation exposure has caused various disorders in the blood. Reproductive effects have also been reported for women exposed by inhalation to high levels.

Formaldehyde. (CH₂O), is a colorless gas with a pungent, suffocating odor at room temperature. Formaldehyde has been detected in ambient air; the average concentrations reported in U.S. urban areas were in the range of 11 to 20 parts per billion (ppb). The major

sources appear to be power plants, manufacturing facilities, incinerators, and automobile exhaust emissions. Acute (short-term) and chronic (long-term) inhalation exposure to formaldehyde in humans can result in respiratory symptoms, and eye, nose, and throat irritation. Limited human studies have reported an association between formaldehyde exposure and lung and nasopharyngeal cancer.

Diesel Particular Matter/Diesel Exhaust Organic Gases. (DPM/DEOG) is a complex mixture of thousands of gases and fine particles emitted by a diesel-fueled internal combustion engine. One of the main characteristics of diesel exhaust is the release of particles at a relative rate of about 20 times greater than from gasoline-fueled vehicles, on an equivalent fuel energy basis. Almost 94 percent of the mass of these particles are less than 2.5 microns in diameter. These particles are primarily composed of aggregates of spherical carbon particles coated with organic and inorganic substances that are mutagenic, cytotoxic, or carcinogenic.

Acetaldehyde. (CH_3CHO), is a colorless mobile liquid that is flammable and miscible with water. Acetaldehyde is ubiquitous in the ambient environment. It is an intermediate product of higher plant respiration and formed as a product of incomplete wood combustion in fireplaces and woodstoves, coffee roasting, burning of tobacco, vehicle exhaust fumes, and coal refining and waste processing. Acute (short-term) exposure to acetaldehyde results in effects including irritation of the eyes, skin, and respiratory tract. Symptoms of chronic (long-term) intoxication of acetaldehyde resemble those of alcoholism.

Acrolein. ($\text{C}_3\text{H}_4\text{O}$), is a water-white or yellow liquid that burns easily and is easily volatilized. Acrolein can be formed from the breakdown of certain pollutants found in outdoor air, from burning tobacco, or from burning gasoline. It is extremely toxic to humans from inhalation and dermal exposure. Acute (short-term) inhalation exposure may result in upper respiratory tract irritation and congestion.

1,3-Butadiene. (C_4H_6), is a colorless gas with a mild gasoline-like odor. Motor vehicle exhaust is a constant source of 1,3-butadiene. Acute (short-term) exposure to 1,3-butadiene by inhalation in humans results in irritation of the eyes, nasal passages, throat, and lungs. Epidemiological studies have reported a possible association between 1,3-butadiene exposure and cardiovascular diseases.

2.5 Attainment Status and Conformity with Regional Air Quality Planning

Section 107 of the 1977 Clean Air Act Amendment requires that EPA publish a list of all geographic areas in compliance with the NAAQS, as well as those not in attainment of the NAAQS. The designation of an area is made on a pollutant-by-pollutant basis. EPA's area designations are shown in Table 4.

Table 4
Attainment Classifications and Definitions

Attainment	Unclassified	Maintenance	Nonattainment
Area is in compliance with the NAAQS.	Area has insufficient data to make determination and are treated as being in attainment.	Area once classified as nonattainment but has since demonstrated attainment of the NAAQS.	Area is not in compliance with the NAAQS.

The project area is classified as a maintenance area for CO, a nonattainment area for PM_{2.5} and a moderate nonattainment area for O₃. The area must come into attainment for PM_{2.5} and O₃ by April 2010 and June 2010, respectively. EPA has recently (September 21, 2006) revoked the annual PM₁₀ standard and revised the PM_{2.5} 24-hour standard from 65 to 35 ug/m³. Attainment status for this revision will be based on monitored data collected in 2007-2009. Area designations will be issued in 2010. Based upon the new designation, attainment dates for PM_{2.5} may be revised by the EPA.

Frederick and Montgomery Counties are part of the Metropolitan Washington Council of Governments (MWCOC). The MWCOC is a regional organization of Washington area local governments. The MWCOC is composed of 20 local governments surrounding the nation's capital, plus area members of the Maryland and Virginia legislatures, the U.S. Senate and the U.S. House of Representatives. Among other responsibilities, the MWCOC provides daily reports and forecasts of regional air quality. Through the MWCOC, the Metropolitan Washington Air Quality Committee (MWAQC), prepares the air quality plan for the DC-MD-VA metropolitan area as regulated under Section 174 of the CAA. The National Capital Region Transportation Planning Board (TPB) is the federally designated Metropolitan Planning Organization (MPO) for the region. The TPB prepares plans and programs that the federal government must approve in order for federal-aid transportation funds to flow to the Washington region.

A transportation project is analyzed as part of a regional transportation network developed by the County or State. Projects included in this network are found in the Transportation Improvement Plan (TIP). The TIP is the basis for the regional mobile source air quality analysis which utilizes Vehicle Miles Traveled (VMT) and Vehicle Hours Traveled (VHT) within the region to determine daily "pollutant burden" levels. The results of this analysis, which are presented in the State Implementation Plan (SIP) determine if an area is in conformity with regulations set forth in the Final Conformity Rule. The goal of the SIP is to demonstrate how the region plans to meet EPA attainment deadlines.

The I-270 project is a conforming project as it is an element of the 2006 Constrained Long Range Plan (CLRP) and the FY2007-2012 TIP adopted by the TPB on October 18, 2006. SIPs however are still in the development phase for 8-hour O₃ and PM_{2.5}. In the interim, the 1-hour approved O₃ SIP is applicable. For PM_{2.5}, the area must maintain a PM_{2.5} budget no greater than the 2002 PM_{2.5} budget. An eight-hour O₃ SIP is expected to be submitted to EPA in June 2007, a PM_{2.5} SIP is expected to be submitted to EPA in April 2008, though this may change due to the new PM_{2.5} standards.

2.6 Ambient Air Quality in the Study Area

2.6.1 Local Meteorology

The nature of the surrounding atmosphere is an important element in assessing the ambient air quality of an area. The project area is located east of the Blue Ridge, Bull Run and Catoclin Mountains. The terrain in the project area is mostly low rolling hills. Easterly winds cause an upslope effect from the Atlantic Ocean, located approximately 120 miles east and the Chesapeake Bay located approximately 35 miles east.

The project area is in the middle latitudes, where the general atmospheric flow is from west to east, favors a continental climate with four well defined seasons. Summers are warm and at times humid. Winters are mild. Generally pleasant weather prevails in spring and autumn. The

coldest period, when temperature average 21 degrees, occurs in late January. The warmest period, averaging 88 degrees, occurs in the last half of July. Precipitation is rather evenly distributed throughout the year. Annual precipitation has ranged from about 25 inches to more than 55 inches. Rainfalls of over 10 inches in a 24-hour period have been recorded during the passage of tropical storms. The seasonal snowfall is nearly 24 inches, but varies greatly from season to season. Snowfalls of 4 inches or more occur only twice each winter on average. Accumulations of over 20 inches from a single storm are extremely rare. Storm damage results mainly from heavy snows and freezing rains in winter and from hurricanes and severe thunderstorms during the other seasons. Precipitation helps cleanse the atmosphere of pollutants. Very small particles in the atmosphere act as condensation nuclei, triggering the formation of raindrops, while larger particles are literally washed from the air during precipitation events. Precipitation also prevents the drying of the ground, alleviating the formation of fugitive dust; however, precipitation can combine with the oxides of sulfur and nitrogen to produce another form of pollution, namely acid rain.

Prevailing winds are from the south except during the winter months when they are from the northwest. The windiest period is late winter and early spring. Winds are generally less during the night and early morning hours and increase to a high in the afternoon. Winds may reach 50 to 60 miles per hour or even higher during severe summer thunderstorms, hurricanes, and winter storms. Wind speed direction, and its variability has a large influence on the dispersion of atmospheric pollutants. (NOAA, 2005)

2.6.2 Monitored Air Quality

The Air and Radiation Management Administration (ARMA), within the Maryland Department of the Environment (MDE) is responsible for implementing and enforcing regulations to assure that the air Maryland citizens breathe is clean and healthful. This mission is accomplished through several methods including air pollution monitoring. The Office of Air Quality Monitoring, within the Virginia Department of Environmental Quality (VDEQ) is responsible for seeing that the Virginia ambient air monitoring network is maintained and operated in accordance with State and Federal guidelines. The MWCOG collects and distributes air quality data from monitors located throughout the Washington DC, Virginia and Maryland area. Figure 11 shows the location of the monitors within the DC-VA-MD metropolitan area, relative to the project's study area.

Monitored air quality data within or near the study for the years 2003-2005 is presented in Table 5. Maximum measured air pollutant concentrations at these monitors are shown in Figure 12. Further monitoring information can be found in Appendix A of the included compact disc.

Figure 11

Air Quality Monitors within the DC-VA-MD Area Relative to the Project Area

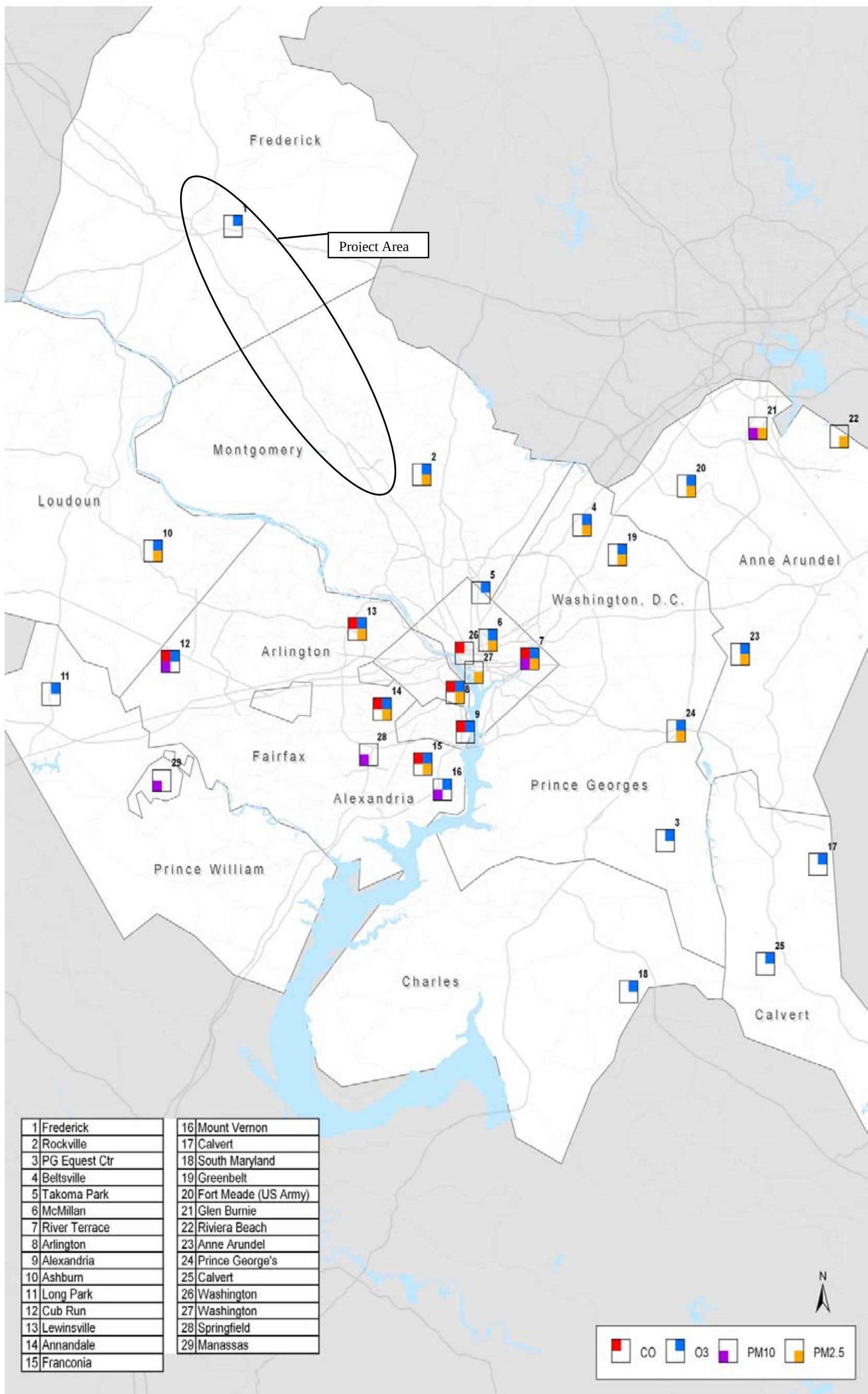
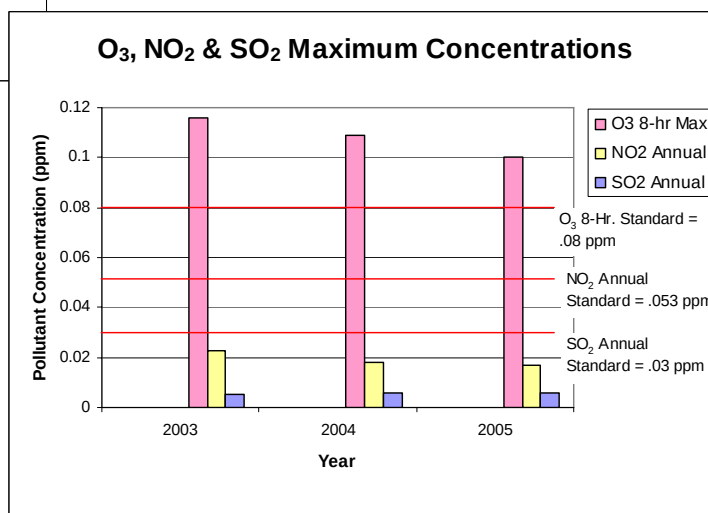
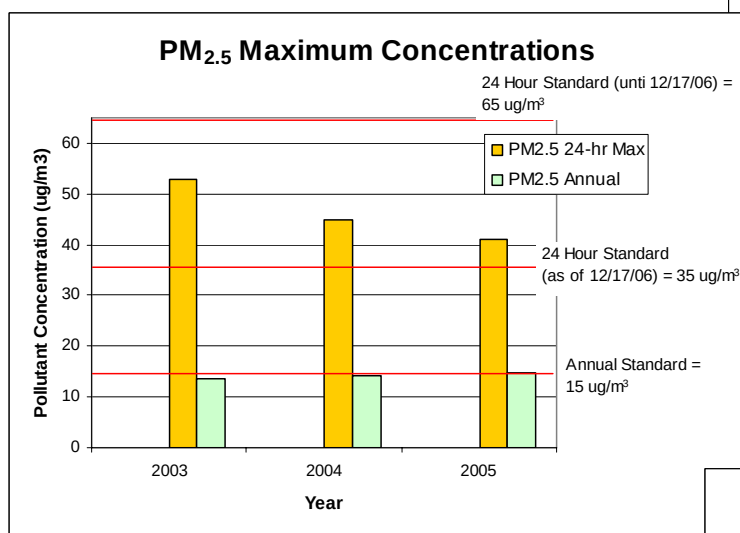
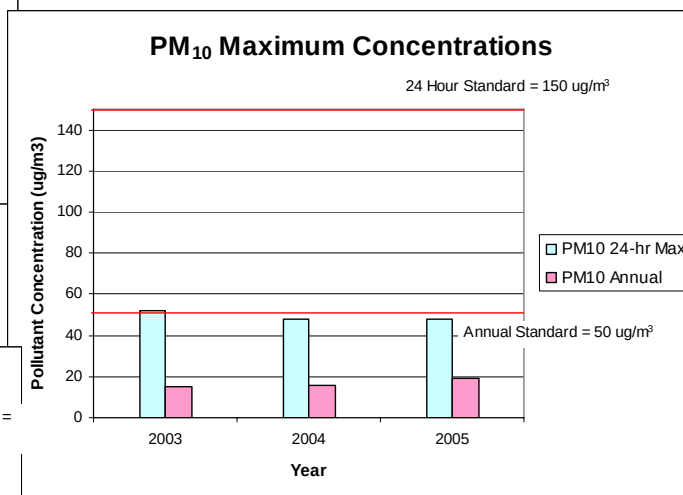
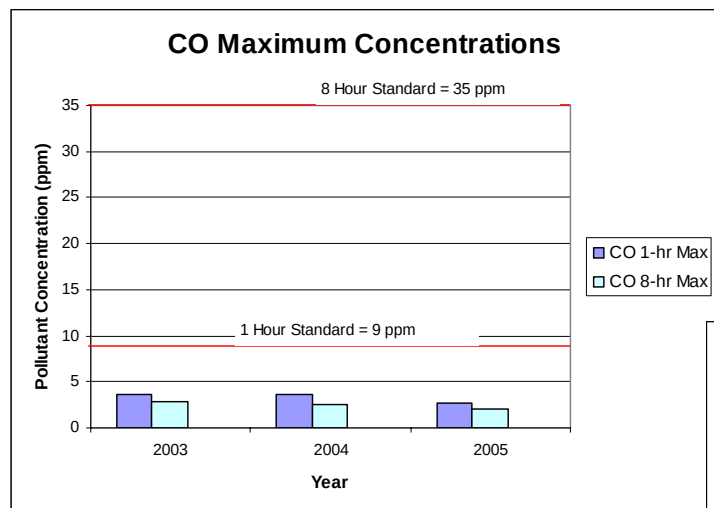


**Table 5 –
Ambient Air Quality Monitor Data 2003-2005**

			Fairfax County - Cub Run Lee Road			Fairfax County - Lewinsville, Mclean			Frederick County Frederick Municipal Airport			Montgomery County Lothrop E Smith Env. Ed. Center Rockville			Loudoun County Broad Run High School, Ashburn		
			2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
Carbon Monoxide (CO) [ppm]	1-Hour	Maximum	1.9	1.6	2.7	3.6	3.7	2.6									
		2nd Maximum	1.9	1.6	1.7	3.3	3.6	2.5									
		# of Exceedences	0	0	0	0	0	0									
	8-Hour	Maximum	1.7	1.4	1.5	2.8	2.5	2									
		2nd Maximum	1.4	1.2	1.5	2.7	2.3	1.9									
		# of Exceedences	0	0	0	0	0	0									
Particulate Matter [ug/m ³]	PM ₁₀	Maximum 24-Hour	52	48	48												
		Mean Annual	15	16	19												
		# of Exceedences	0	0	0												
	PM _{2.5}	Maximum 24-Hour				39	45	39				53	41	38	53	44	41
		Mean Annual				13.6	14	14.8				11.9	12.6	13.6	13.1	14.1	14.6
		# of Exceedences				0	0	1				0	0	0	0	0	0
Ozone (O ₃) [ppm]	8-Hour	First Highest	0.103	0.105	0.084	0.112	0.109	0.093	0.110	0.095	0.086	0.115	0.094	0.100	0.116	0.107	0.082
		Second Highest	0.087	0.087	0.077	0.095	0.094	0.093	0.097	0.084	0.084	0.100	0.086	0.087	0.095	0.089	0.079
		Third Highest	0.083	0.087	0.076	0.089	0.086	0.081	0.09	0.079	0.083	0.094	0.084	0.085	0.093	0.08	0.079
		Fourth Highest	0.083	0.079	0.076	0.075	0.084	0.08	0.077	0.077	0.08	0.078	0.08	0.083	0.083	0.08	0.077
		# of Days Standard Exceeded	2	3	0	3	3	2	3	1	1	3	2	3	3	2	0
Nitrogen Dioxide (NO ₂) [ppm]			1-Hour Maximum			0.118	0.097	0.071							0.061	0.052	0.056
			1-Hour Second Maximum			0.08	0.073	0.067							0.058	0.052	0.055
			Annual Mean			0.023	0.018	0.017							0.016	0.015	0.014
			# of Days Standard Exceeded			0	0	0							0	0	0
Sulfur Dioxide (SO ₂) [ppm]			1-Hour Maximum	0.046	0.077	0.030	0.062	0.057	0.058								
			3-Hour Maximum	0.028	0.059	0.026	0.039	0.042	0.036								
			24-Hour Maximum	0.014	0.014	0.013	0.023	0.023	0.017								
			Annual Mean	0.003	0.003	0.003	0.005	0.006	0.006								

Source: EPA Office of Air Quality Planning and Standards (AIRSDATA); <http://www.epa.gov/air/data/geosel.html>

**Figure 12 –
Maximum Measured Air Pollutant Concentrations**



3. ENVIRONMENTAL CONSEQUENCES

3.1 Sources of Emissions

Pollutants that can be traced principally to motor vehicles and buses are relevant to the evaluation of the project impacts. These pollutants include CO, VOC, NO_x, O₃, PM₁₀, PM_{2.5} and the 6 priority MSAT discussed. Transportation sources account for a small percentage of regional emissions of SO_x and Pb; thus, a detailed analysis is not required.

VOC and NO_x emissions from automotive sources are a concern primarily because they are precursors in the formation of ozone and particulate matter. Ozone is formed through a series of reactions which occur in the atmosphere in the presence of sunlight. Since the reactions are slow and occur as the pollutants are diffusing downwind, elevated ozone levels often are found many miles from sources of the precursor pollutants. Therefore, the effects of HC and NO_x emissions generally are examined on a regional or "mesoscale" basis.

PM₁₀ and PM_{2.5} impacts are both regional and local. A significant portion of particulate matter, especially PM₁₀, comes from disturbed vacant land, construction activity and paved road dust. PM_{2.5} also comes from these sources. Motor vehicle exhaust, particularly from diesel vehicles, is also a source of PM₁₀ and PM_{2.5}. Thus it is appropriate to predict concentrations of PM₁₀ and PM_{2.5} on both a regional and a localized basis.

MSAT impacts are both regional and local. Through the issuance of EPA's Final Rule regarding emission control of Hazardous Air Pollutants from Mobile Sources [66FR17229], it was determined that many existing and newly promulgated mobile source emission control programs would result in a reduction of MSATs. FHWA projects that even with a 64 percent increase in VMT, the programs will reduced on-highway emissions of benzene, formaldehyde, 1,3-butadiene, and acetaldehyde by 57 percent to 65 percent, and will reduce on-highway diesel PM emissions by 87 percent. As a result EPA has concluded that no further motor vehicle emission standards or fuel standards are necessary to further control MSATs.

CO impacts are generally localized. Even under the worst meteorological conditions and most congested traffic conditions, high concentrations are limited within a relatively short distance (300 – 600 feet) of heavily traveled roadways. Vehicle emissions are the major sources of CO. The proposed project could change traffic patterns within the study area. Consequently, it is appropriate to predict concentrations of CO on both a regional and a localized or "microscale" basis.

3.2 Analysis Methodology

3.2.1 Regional Analysis

The regional or mesoscale analysis of a project determines a project's overall impact on regional air quality levels. A transportation project is analyzed as part of a regional transportation network developed by the county or state. Projects included in this network are found in the TIP. The TIP is the basis for the regional analysis which utilizes VMT and VHT within the region to determine daily "pollutant burden" levels. The results of this analysis determine if an area is in conformity with regulations set forth in the Final Conformity Rule.

The project is listed on the FY 2006-2011 TIP (approved on October 19, 2005). SIPs however are still in the development phase for 8-hour O₃ and PM_{2.5}. In the interim, the 1-hour approved O₃ SIP is applicable. For PM_{2.5}, the area must maintain a PM_{2.5} budget no greater than the 2002 PM_{2.5} budget. To determine the project's regional impact, a regional analysis based on overall regional VMT and VHT has been conducted.

3.2.2 Particulate Matter (PM₁₀ & PM_{2.5}) Analysis

On March 10, 2006, EPA issued a Final Rule regarding the localized or "hot-spot" analysis of PM_{2.5} and PM₁₀ (40 CFR Part 93). This rule requires that PM_{2.5} hotspot analysis be performed only for transportation projects with significant diesel traffic in areas not meeting PM_{2.5} air quality standards. The project area is classified as an attainment area for PM₁₀. As such a hotspot analysis is not required. The rule also requires a hotspot analysis of PM_{2.5} for transportation projects with significant diesel traffic in areas not meeting PM_{2.5} air quality standards. The project area is classified as a nonattainment area for PM_{2.5}. The proposed project involves adding buses to the existing street network. For a worst case analysis, the buses will be assumed to be diesel. As such, a PM₁₀ hotspot analysis is required. As stated in the March 10, 2006, however, a quantitative hotspot analysis is not required until EPA issues a new motor vehicle emissions model capable of estimating local emissions as well as future hotspot modeling guidance. As an alternative, a qualitative analysis following EPA's March 29, 2006 guidance "*Transportation Conformity Guidance for Qualitative Hot-spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas* (EPA 420-B-06-902) referred to hereafter as "PM_{10/2.5} Guidance" should be followed.

3.2.3 MSAT Analysis

Technical shortcomings of emissions and dispersion models and uncertain science with respect to health effects prevent meaningful or reliable estimates of MSAT emissions and effects of this project. However, even though reliable methods do not exist to accurately estimate the health impacts of MSATs at the project level, it is possible to qualitatively assess the levels of future MSAT emissions under the project. Although a qualitative analysis cannot identify and measure health impacts from MSATs, it can give a basis for identifying and comparing the potential differences in MSAT emissions, if any, from the alternatives. The qualitative assessment which will compare VMT between alternatives is derived in part from a study conducted by the FHWA entitled *A Methodology for Evaluating Mobile Source Air Toxic Emissions Among Transportation Project Alternatives*, found at: www.fhwa.dot.gov/environment/airtoxic/msatcompare/msatemiissions.htm.

3.2.4 Microscale CO Air Quality Analysis

Microscale air quality modeling was performed using the most recent version of the EPA mobile source emission factor model (MOBILE6.2) and the CAL3QHC (Version 2) air quality dispersion model to estimate future No-Build Alternative (without the proposed project) and future Build Alternatives (with the proposed project) CO levels at selected locations in the project area.

3.2.5 Dispersion Model

Mobile source models are the basic analytical tools used to estimate CO concentrations expected under given traffic, roadway geometry, and meteorological conditions. The mathematical expressions and formulations that comprise the various models attempt to describe an extremely complex physical phenomenon as closely as possible. The dispersion modeling program used in this study for estimating pollutant concentrations near roadway

intersections is the CAL3QHC (Version 2.0) dispersion model developed by the EPA and released in 1992.

CAL3QHC is a gaussian model recommended in the “*EPA Guidelines for Modeling Carbon Monoxide from Roadway Intersections*”(EPA-454/R-92-005). Gaussian models assume that the dispersion of pollutants downwind of a pollution source follow a normal distribution from the center of the pollution source.

Different emission rates occur when vehicles are idling, accelerating, decelerating, and moving at different average speeds. CAL3QHC simplifies these different emission rates into two components:

- Emissions when vehicles are idling during the red phase of a signalized intersection; and
- Emissions when vehicles are in motion during the green phase of a signalized intersection.

The CAL3QHC (Version 2.0) air quality dispersion model has undergone extensive testing by the EPA and has been found to provide reliable estimates of inert (non-reactive) pollutant concentrations resulting from motor vehicle emissions. A complete description of the model is in the *User's Guide to CAL3QHC Version 2.0: A Modeling Methodology for Predicting Pollutant Concentrations near Roadway Intersections* (EPA-454/R-92-006).

3.2.6 Vehicular Emissions

Vehicular emissions were estimated using the EPA MOBILE6.2 vehicular emission factor model. (*User's Guide to MOBILE6.2, Mobile Source Emission Factor Model, Ann Arbor, Michigan, EPA420-R-02-028, October 2002*). Input parameters were provided by MWCOG.

MOBILE6.2 is a mobile source emission estimate program that provides current and future estimates of emissions from highway motor vehicles. The latest in the MOBILE series, dating back to 1978, MOBILE6.2, was designed by the EPA to address a wide variety of air pollution modeling needs. This latest version of MOBILE differs significantly in both structure and data requirements from previous versions. MOBILE6.2 incorporates updated information on basic emission rates, more realistic driving patterns, separate start and running emissions, improved correction factors, and changing fleet composition. Input and output files for the Mobile6.2 program can be found in Appendix B.

3.2.7 Site Selection and Receptor Locations

CO levels were estimated at 37 sites within the defined study area using the CAL3QHC (version 2) model. These sites consist of 23 intersections and 14 freeflow locations. The analysis sites were selected through a screening methodology based on intersection volumes, Levels of Service (LOS) and project-induced changes in traffic conditions. 65 intersections were screened. Nineteen of the 23 intersections analyzed failed the screening either because the LOS decreased in one of the build scenarios as compared to the No-Build scenario or the volume increased (along with a LOS below D) in one of the build scenarios as compared to the No-Build scenario. The highest volume intersection, MD124 & MD355, was also chosen for analysis. The remaining three intersections; Fields Road and Sam Eig, MD 117 and Perry Parkway, MD 121 and MD 355, were chosen due to community concerns and nearby sensitive receptors (residences, churches, parks, etc). Fourteen freeflow locations were chosen for analysis based on nearby land use and proximity of sensitive receptors. Detailed information regarding the screening analysis can be found in the “2002 I-

270/US15 Multi-Modal Corridor Study Draft Environmental Impact Statement – Air Quality Technical Report”. The sites chosen for analysis are listed in Table 6 and shown in Figure 13.

Receptors were chosen at each site in accordance with the guidelines found in EPA’s Guideline for Modeling Carbon Monoxide from Roadway Intersections (EPA-454/R-92-005) and with respect to the unique geometry of each analysis site.

3.2.8 Meteorological Conditions

The transport and concentration of pollutants emitted from motor vehicles are influenced by three principal meteorological factors: wind direction, wind speed, and the atmosphere’s profile. The values for these parameters were chosen to maximize pollutant concentrations at each prediction site (that is, to establish a conservative, worst-case situation). These factors are described below.

- **Wind Direction.** Maximum CO concentrations normally are found when the wind is assumed to blow parallel to a roadway adjacent to the receptor location. At complex intersections, it is difficult to predict which wind angle will result in maximum concentrations. Therefore, the approximate wind angle that would result in maximum pollutant concentrations at each receptor location was used in the analysis. All wind angles from 0° to 360° (in 5° increments) were considered.
- **Wind Speed.** CO concentrations are greatest at low wind speeds. A conservative wind speed of one meter per second (2.2 miles per hour) was used to predict CO concentrations during peak traffic periods.
- **Temperature and Profile of the Atmosphere.** A minimum temperature of 33°F and a maximum temperature of 53°F, a "mixing" height (the height in the atmosphere to which pollutants rise) of 1000 meters, and neutral atmospheric stability (stability class D) conditions were used in estimating microscale CO concentrations. The selection of these meteorological parameters was based on recommendations from the MWCOG.

The CO levels estimated by the model are the maximum concentrations which could be expected to occur at each air quality receptor site analyzed, given the assumed simultaneous occurrence of a number of worst-case conditions: peak-hour traffic conditions, conservative vehicular operating conditions, low wind speed, low atmospheric temperature, neutral atmospheric conditions, and maximizing wind direction.

3.2.9 Persistence Factor

Peak eight-hour concentrations of CO were obtained by multiplying the highest peak hour CO estimates by a persistence factor. The persistence factor accounts for the fact that:

- Over eight-hours (as distinct from a single hour) vehicle volumes will fluctuate downward from the peak hour.
- Vehicle speeds may vary.
- Meteorological conditions including wind speed and wind direction will vary compared to the conservative assumptions used for the single hour.

A persistence factor of 0.7 was used in this analysis. This factor is recommended by MWCOG, the Maryland Department of the Environment (MDE) and approved by the EPA.

**Table 6 –
Air Quality Analysis Sites**

Site #	Site Description	Site #	Site Description
1	Muddy Branch and Great Seneca Highway	20	MD 121 and MD 355 (Historical Church)
2	Field Road and Sam Eig Highway	21	Little Bennett Regional Park
3	MD 355 and Shady Grove	22	8546 Fingerboard Road – Residence
4	MD 117 and MD 124	23	MD 80 and I-270 Ramps
5	I-270 ramps at MD 117	24	Urbana Community Park
6	MD 117 and Perry Parkway	25	8358 Fingerboard Road – Residence
7	MD 355 and Montgomery Village	26	MD 85 / Spectrum Avenue
8	MD 355 and Watkins Mill Road	27	I- 270 ramps and MD 85
9	New Covenant Fellowship Church	28	5819 Farmgate Court – Residence
10	Staleybridge Road – Residence	29	Monocacy National Battlefield
11	MD 355 and Middlebrook	30	Jefferson/Prospect/Pearl
12	MD 118 southbound and Middlebrook Rd.	31	Waterford Park
13	Crystal Rock and MD 118	32	Fairfield Park
14	I-270 northbound ramps and MD 118	33	Residence near Waterford Park
15	MD 118 and Observation	34	US 15 and Rosemont interchange
16	Milestone Apartments	35	I-15 ramps at 7 th Street
17	MD 355 and Father Hurley Boulevard (MD 27)	36	Rose Hill Manor
18	Black Hill Regional Park	37	MD 26 and Trading Lane
19	I-270 ramps at MD 121		

3.2.10 Background Concentrations

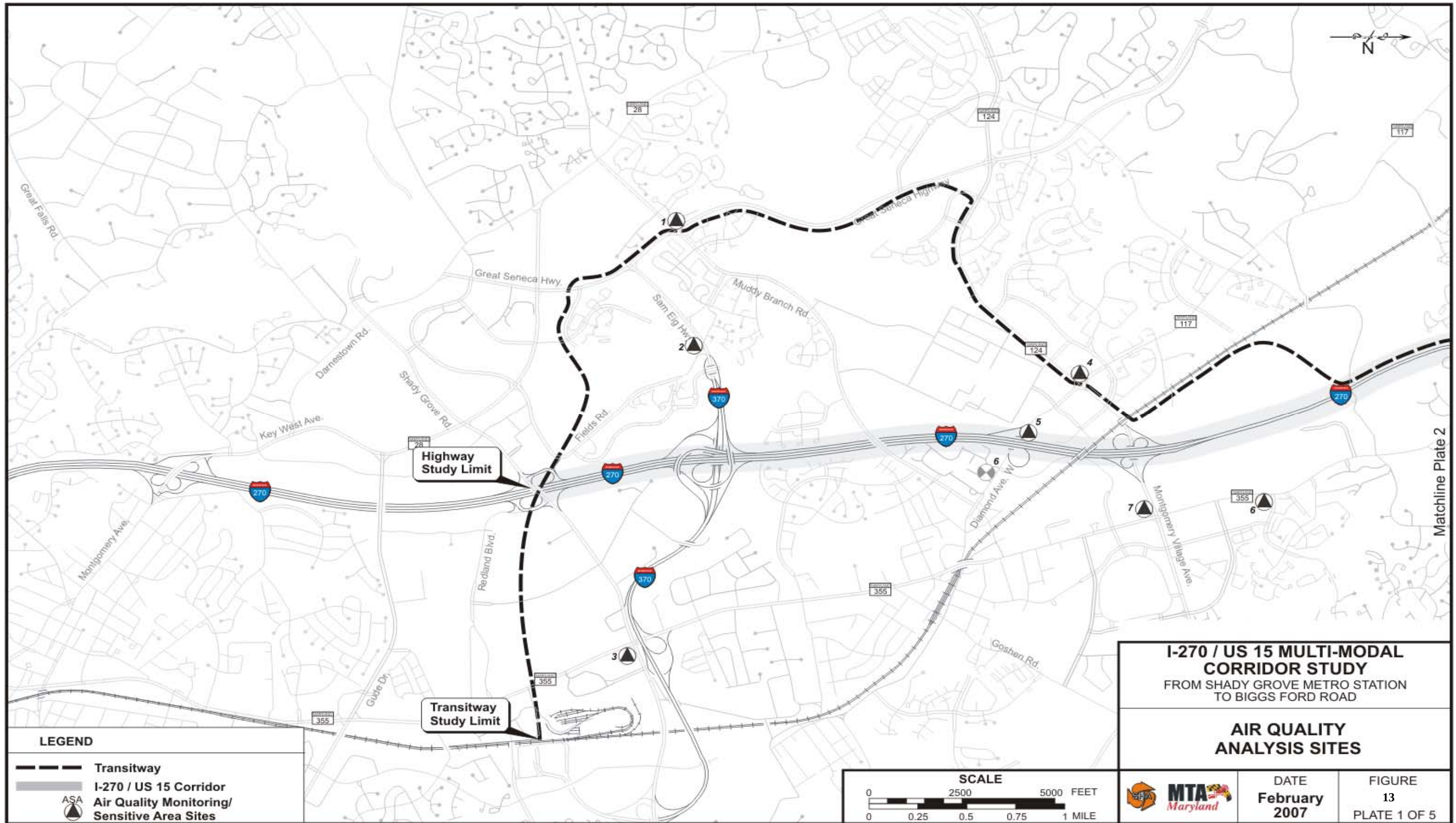
Microscale modeling is used to predict CO concentrations resulting from emissions from motor vehicles using roadways immediately adjacent to the locations at which predictions are being made. A CO background level must be added to this value to account for CO entering the area from other sources upwind of the receptors.

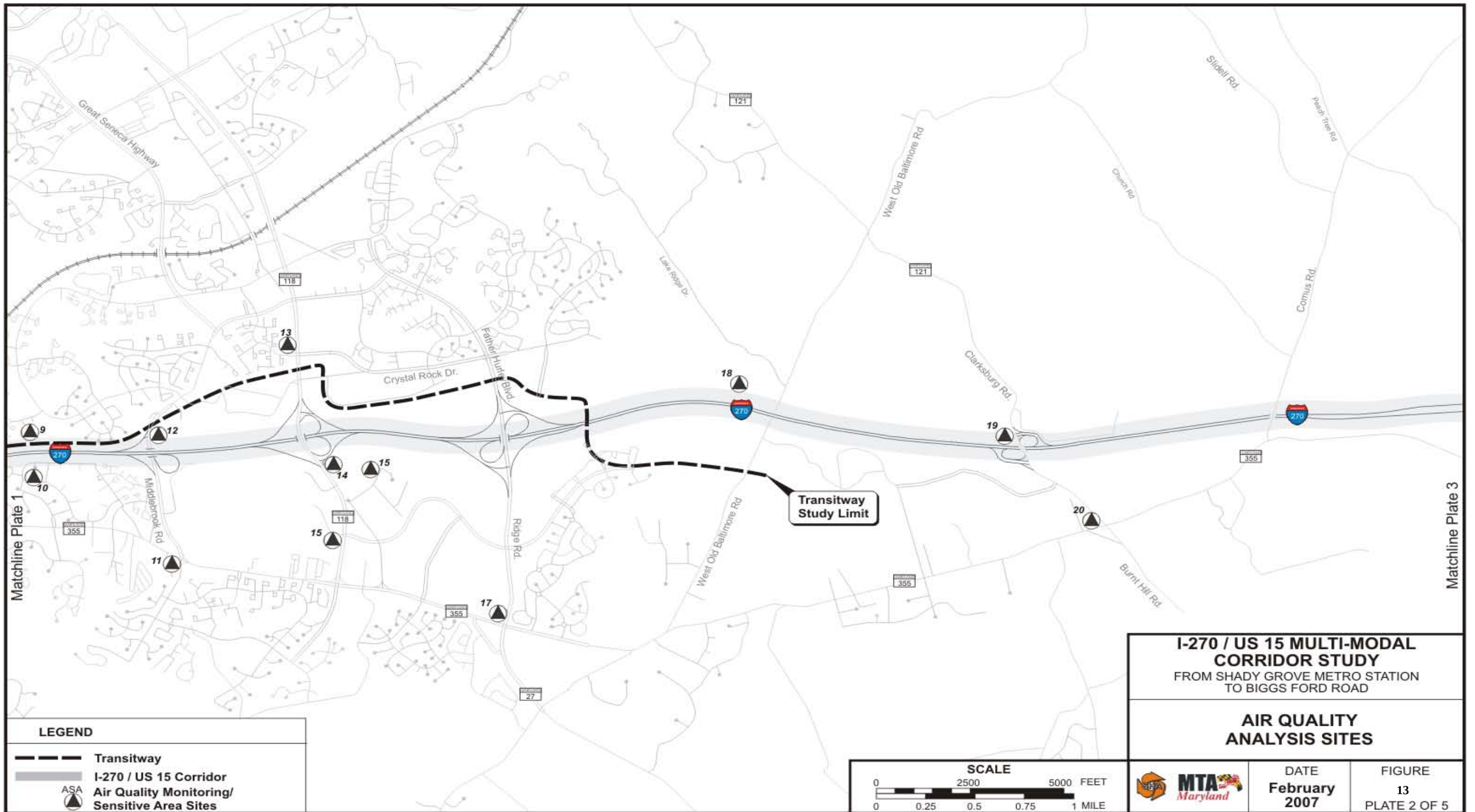
Based on the recommendation of SHA, a one-hour background level of 4.4 ppm and an eight-hour background level of 2.9 pm were added to each analysis site.

3.2.11 Traffic Information

Traffic data for the air quality analysis were derived from traffic counts and other information developed as part of an overall traffic analysis for the project using methodology accepted by Maryland State Highway Administration (SHA). Output from the “Synchro5” signal timing traffic model was used to obtain signal timing parameters. The microscale CO analysis was performed based on data from this analysis for the AM and PM peak traffic periods. These are the periods when maximum traffic volumes occur on local streets and when the greatest traffic and air quality effects of the proposed project are expected.

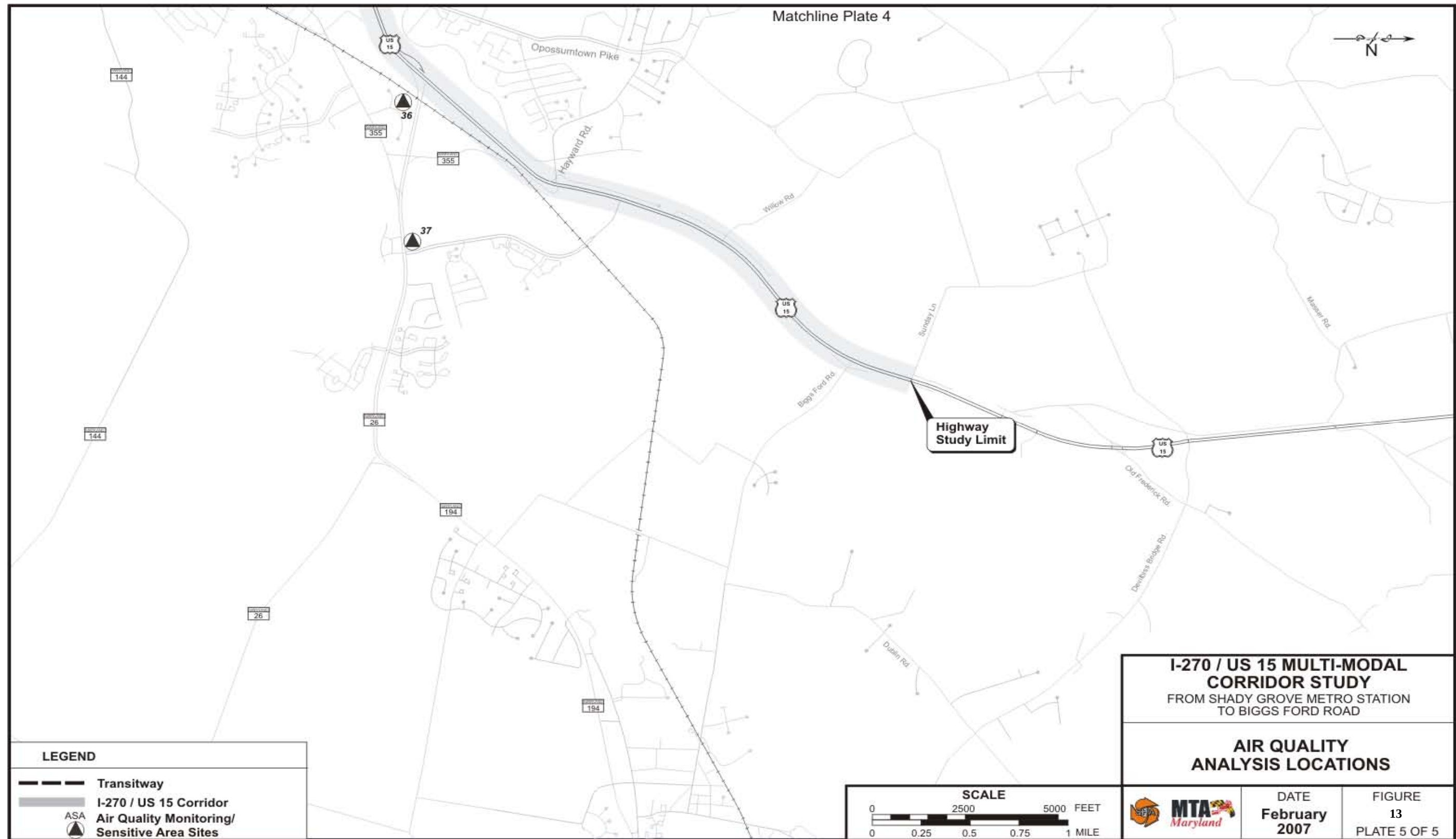
The percentages of each type of vehicle, for the existing and future year conditions, were determined using data for the Metropolitan Washington area provided by the MWCOG. Vehicle speeds used in the analysis were obtained from traffic information developed for this project.











3.3 Regional Assessment

A regional analysis based on 2015 and 2030 VMT for Frederick and Montgomery Counties and the associated average network speeds was conducted for each of the Build and No Build Alternatives. As shown in Table 7, the Build Alternatives are expected to generally increase regional pollutant burdens as compared to the No Build Alternative. These increases are due to increased VMT for each Build Alternative as compared to the No Build Alternative and associated speed fluctuations. In 2015, Build Alternative 7 is predicted to have the larger increase in regional pollutant burden levels as compared to Alternative 6, using the No Build Alternative as a base case. This increase ranges from 1.3% for VOCs to 0.7% in $PM_{10}/PM_{2.5}$ regional levels.

In 2030, Build Alternative 7 is predicted to have the larger increase in $PM_{10}/PM_{2.5}$ regional levels, the same impact on CO levels and a smaller increase in NO_x levels, as compared to Alternative 6, using the No Build Alternative as a base case. Both Alternatives are predicted to reduce VOC levels. Alternative 6 is predicted to reduce VOC levels by 0.3%, as compared to the No Build Alternative. Alternative 7 is predicted reduce VOC levels by 0.1%, as compared to the No Build Alternative.

The predicted changes to regional pollutant levels are relatively small ranging from an increase of 1.1% to a reduction of 0.3%. Based on these changes, the project alternatives are predicted to have a minimal effect on regional pollutant levels.

Table 7 – Regional Pollutant Burdens (kgs/day)

Scenario	VMT	% VMT Change from No Build	Pollutant (Kilograms per Day)					% Change from No Build				
			CO	NOx	PM ₁₀	PM _{2.5}	VOC	CO	NOx	PM ₁₀	PM _{2.5}	VOC
2015 No Build	34,681,505		110,996	16,207	1,337	662	11,447					
2015 Build Alt. 6	34,915,117	0.67%	111,715	16,372	1,349	668	11,617	0.6%	0.8%	0.7%	0.7%	1.1%
2015 Build Alt. 7	34,994,629	0.90%	111,967	16,404	1,352	669	11,640	0.9%	1.0%	0.9%	0.9%	1.3%
2030 No Build	40,557,948		116,733	8,288	1,372	632	9,384					
2030 Build Alt. 6	40,950,909	0.97%	117,352	8,350	1,391	641	9,383	0.5%	0.4%	1.0%	1.0%	-0.3%
2030 Build Alt. 7	41,020,351	1.14%	117,331	8,334	1,392	642	9,395	0.5%	0.3%	1.1%	1.1%	-0.1%

3.4 PM_{2.5} Assessment

Following the PM_{10/2.5} Guidance, a PM_{2.5} hot-spot analysis should be conducted according to qualitative guidance only if the project is a project of air quality concern, defined in 40 CFR 93.123(b)(1) as:

- New or expanded highway projects that have a significant number of or significant increase in diesel vehicles;
- Projects affecting intersections that are at Level-of-Service D, E, or F with a significant number of diesel vehicles, or those that will change to Level-of-Service D, E or F because of increased traffic volumes from a significant number of diesel vehicles;
- New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;
- Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and
- Projects in or affecting locations, areas, or categories of sites which are identified in the PM_{2.5} or PM₁₀ applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

Examples of projects of air quality concern that would be covered by 40 CFR 93.123(b)(1)(i) and (ii) include:

- A project on a new highway or expressway that serves a significant volume of diesel truck traffic, such as facilities with greater than 125,000 annual average daily traffic (AADT) where 8% or more of such AADT is diesel truck traffic;
- New exit ramps and other highway facility improvements to connect a highway or expressway to a major freight, bus, or intermodal terminal;
- Expansion of an existing highway or other facility that affects a congested intersection (operated at Level-of-Service D, E, or F) that has a significant increase in the number of diesel trucks; and
- Similar highway projects that involve a significant increase in the number of diesel transit buses and/or diesel trucks.

Examples of projects of air quality concern that would be covered by 40 CFR 93.123(b)(1)(iii) and (iv) include:

- A major new bus or intermodal terminal that is considered to be a “regionally significant project” under 40 CFR 93.101; and
- An existing bus or intermodal terminal that has a large vehicle fleet where the number of diesel buses increases by 50% or more, as measured by bus arrivals.

Based on traffic counts at major locations within the study area, as shown in Table 8, AADT is greater than 125,000 at several locations along the corridor. The truck percentages are also above 8.0% at all but two count locations. Following the guidance set forth in 40 CFR 93.123(b)(1)(i) and (ii), the project is a project of air quality concern.

**Table 8 -
Predicted Vehicular Volume and Associated Truck Percentages**

Count Location	AADT	Truck Percentage
I-270 North of I-370	203,050	7.5%
I-270 North of Clopper Road (MD 117)	167,550	7.8%
I-270 South of Middlebrook Road	152,975	8.0%
I-270 South of Germantown Road (MD 118)	119,250	8.7%
I-270 North of Germantown Road (MD 118)	106,150	8.3%
I-270 South of Clarksburg Road (MD 121)	93,775	9.5%
I-270 North of Clarksburg Road (MD 121)	82,750	8.7%

Source: SHA count data (2003 data), <http://www.sha.state.md.us/SHAServices/mapsBrochures/maps/OPPE/tvmaps1.asp>.

Year of Peak Emission Burden

As clarified in the preamble to the July 1, 2004 revision to the transportation conformity rule (64 FR 40056), the conformity rule requires that project-level analyses consider the year of expected peak emissions from the project. For PM_{2.5}, this is expected to be a near-term year, such as the first year of operation of the project, because emission rates from diesel vehicles are predicted to substantially decline between the opening year (2015) and the design year (2030) and these decreases would more than offset any increase in projected traffic volumes. The decline in emissions in future years are due in part to improvements in tailpipe emissions, national vehicle emissions control programs and the mandated use of ultra-low sulfur diesel-fuel. As shown in Figure 14, the regional PM_{2.5} emissions are much higher in current years than in future years. Since regional emissions are a good indicator of the overall emissions trends in the region, it is therefore expected that 2015 would be the year of peak emissions from the project and other emissions sources that affect the project area.

PM_{2.5} Qualitative Methodology

According to 40 CFR 93.123(b)(2) and (4), a quantitative analysis for applicable projects is not required until the EPA releases modeling guidance in the Federal Register. However, a qualitative hot-spot analysis is still required. For this project, a qualitative project-level hot-spot assessment was therefore conducted following the joint EPA and FHWA March 29, 2006 guidance *Transportation Conformity Guidance for Qualitative Hot-Spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas* (EPA420-B-06-902) in order to assess whether the project will cause or contribute to any new localized PM_{2.5} violations, or increase the frequency or severity of any existing violations, or delay timely attainment of the PM_{2.5} NAAQS.

Following the PM_{10/2.5} Guidance, a comparison approach of monitored PM_{2.5} levels within the study area, roadway volumes, future emission projects, and future AADT estimates was used to determine whether the project has the potential to cause or exacerbate a violation of the PM_{2.5} NAAQS. As shown in Table 9, overall traffic and truck data have been analyzed to assess the location that would be most likely to have the highest emissions burden. 2015 AADT and truck percentages for the Build Alternatives were generated as part of the overall traffic analysis of the project. I-270 North of I-370 has the largest AADT and the highest number of overall trucks (calculated by applying the truck percentage to the overall volume). Based on this information this location is considered the most likely to have the highest emissions burden, thus the conditions for segment will be used in the qualitative comparison approach to determine if the project has the potential to cause or exacerbate a violation of the PM_{2.5} NAAQS.

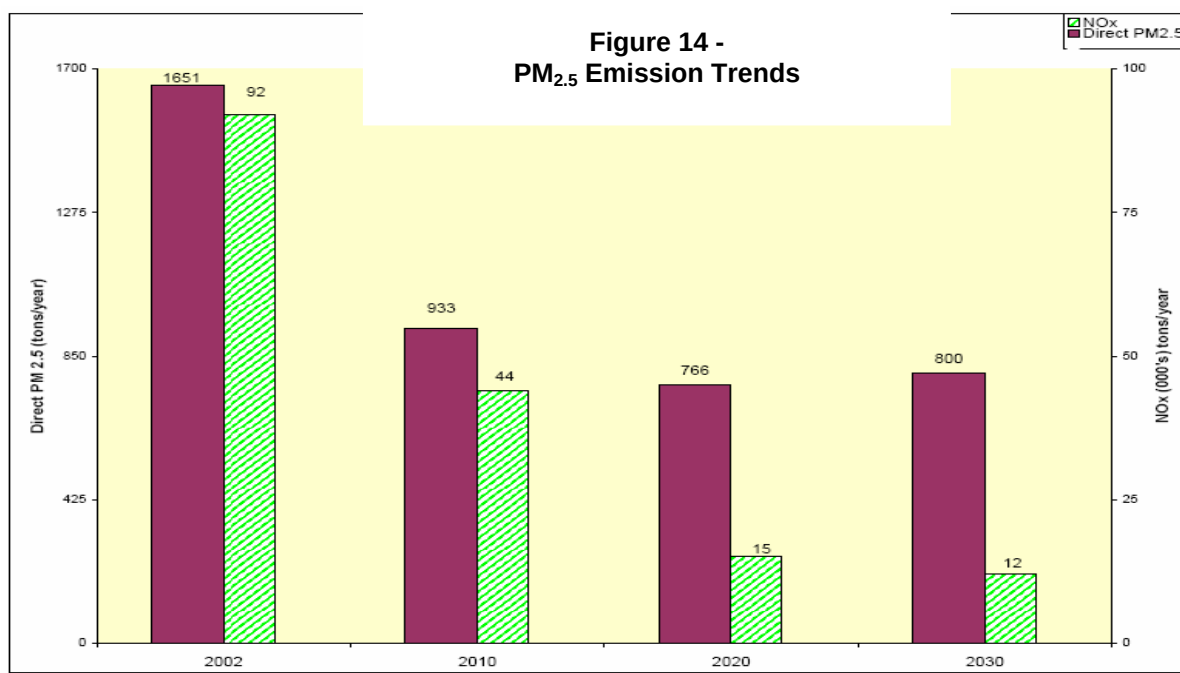


**Table 9 -
Predicted Vehicular Volume and Associated Truck Percentages**

Count Location	Build Alternative 6 AADT/ Truck Percentage / Trucks per Day	Build Alternative 7 AADT/Truck Percentage / Trucks per Day
I-270 North of I-370	247,100 / 7.4% / 18,285	248,700 / 7.3% / 18,155
I-270 North of Clopper Road (MD 117)	168,900 / 7.8% / 13,174	170,300 / 7.7% / 13,113
I-270 South of Middlebrook Road	197,300 / 7.4% / 14,600	199,200 / 7.4% / 14,741
I-270 South of Germantown Road (MD 118)	153,900 / 8.3% / 12,774	156,000 / 8.2% / 12,792
I-270 North of Germantown Road (MD 118)	127,800 / 8.4% / 10,735	130,700 / 8.2% / 10,717
I-270 South of Clarksburg Road (MD 121)	110,600 / 9.3% / 10,286	120,100 / 9.0% / 10,809
I-270 North of Clarksburg Road (MD 121)	93,400 / 10.7% / 9,994	100,300 / 10.1% / 10,130
I-270 North of I-70/US40	99,900 / 9.1% / 9,091	100,800 / 8.7% / 8,770
US 15 North of Rosemont Avenue	83,600 / 7.1% / 5,936	83,700 / 7.1% / 5,943
US 15 South of Biggs Ford Road	48,700 / 10.3% / 5,016	48,600 / 10.2% / 4,957

Source: SHA count data (2003 data), <http://www.sha.state.md.us/SHAServices/mapsBrochures/maps/OPPE/tvmaps1.asp>.

Existing Conditions - PM_{2.5} Monitored Levels near the Study Area

The Virginia Department of Environmental Quality (DEQ) and the Maryland Department of the Environment (DOE) are required to conduct air quality monitoring by both federal and state regulations. Regional operators routinely service the monitoring instrumentation, perform the quality assurance checks necessary to ensure that the analyzers are operating properly, and perform various types of preventive maintenance. The current PM_{2.5} monitoring network for Virginia and Maryland has been developed following the requirements of 40 CFR Part 58 and applying the EPA's "Guidance for Network Design and Optimum Site Exposure for PM_{2.5} and PM₁₀".

Following the PM_{10/2.5} Guidance, monitoring data collected at a monitor located in an area similar to the area affected by the proposed project should be used to represent the air quality in the study area.

Eleven PM_{2.5} monitor locations are within the Washington DC–MD–VA PM_{2.5} nonattainment area: three in the District of Columbia, five in the Commonwealth of Virginia, and three in the State of Maryland. The traffic levels near these monitors, which are a summary of AADTs on nearby roadways, and are based on the latest available traffic information, were analyzed in May of 2006 as part of the recently approved “*Project-level Conformity Determination for the Intercounty Connector Project in Maryland*”, and are shown in Table 10.

**Table 10 -
Assessment of Monitoring Sites**

Monitor Number and Name	Traffic Impact Volumes*	Weighted Truck Percentage	Trucks per day
240330030 Muirkirk, MD	303,600	7.9%	24,288
240313001 Rockville, MD	74,375	**	---
240338003 Upper Marlboro, MD***	93,650	**	---
110010041 RFK Stadium (34 th & Dix), DC***	235,600	5.4%	12,722
110010043 near Howard University, DC	130,900	**	---
110010042 near Tidal Basin, DC	223,652	5.04	11,272
510130020 near Pentagon City, VA	346,000	2.17	7,508
510595001 McLean, VA	301,000	3.4	10,234
511071005 Ashburn, VA	124,000	**	---
510590030 Franconia, VA	216,500	6.2	13,423
510591005 Annandale, VA	282,000	2.7	7,614

(Source: Project-level Conformity Determination for the Intercounty Connector Project in Maryland, Appendix C)

* Based on major roads within approximately two miles of the monitor

** Where traffic impact volumes were less than ½ of the worst case traffic volumes, weighted truck percentages were not calculated.

***There are two monitors at this location.

Representative Monitor

While the Rockville monitor is the closest monitor to the project area (see Figure 15), the AADT and the truck percentages near the Muirkirk monitor are most representative of (and more conservative than) those near the worst case analysis site (i.e., I-270 North of the I-370). The Muirkirk monitor, which is located approximately 20 miles from the study area, has the highest AADT (303,600) and truck percentages (7.9%) of all the monitors listed in Table 10 while the AADT and truck percentages near the Rockville monitor are lower than those within the study area. The Muirkirk monitor, therefore, was used as the representative monitor for the study area. However, as the Rockville monitor is closer to the study area, values recorded at this monitor were also considered.

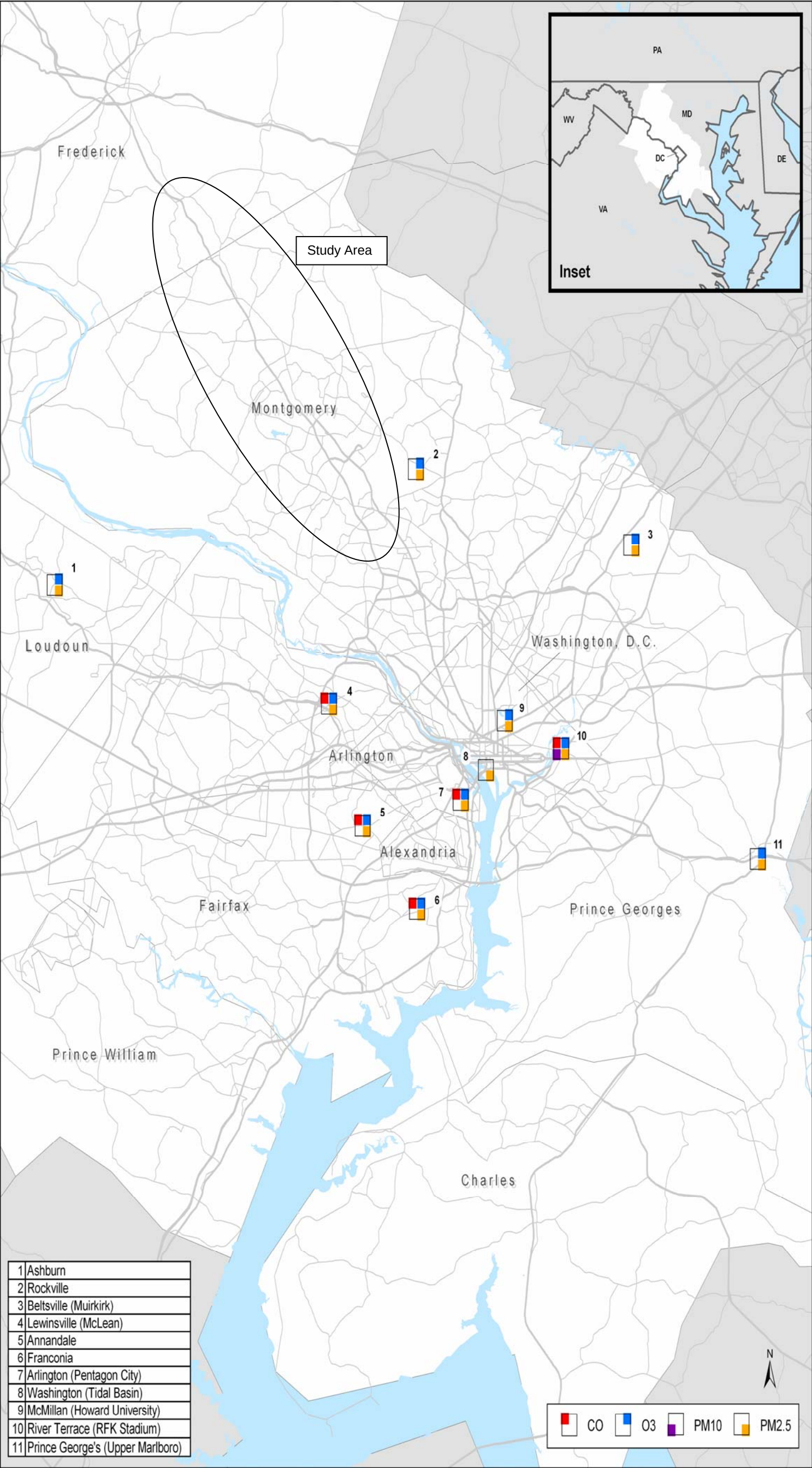


Figure 15 – AQ PM_{2.5} Monitors and Location Relative to Study Area

Monitored PM_{2.5} Levels

Figures 16 and 17 highlight the latest three full years (2004 thru 2006) of monitored values at the Muirkirk and Rockville monitors. The values are below the applicable annual NAAQS of 15 $\mu\text{g}/\text{m}^3$. The values were below the former 24-Hour standard of 65 $\mu\text{g}/\text{m}^3$, in the years it was applicable. In December of 2006, the new 24-Hour standard of 35 $\mu\text{g}/\text{m}^3$ became effective. Based on the current 2006 information available, it appears that the monitored values at the Muirkirk and Rockville monitors are below this new NAAQS.

Based on these data, the highest 98th percentile 24 hour monitored value is 41 $\mu\text{g}/\text{m}^3$, which occurred in 2004. This is 63% of the former standard of 65 $\mu\text{g}/\text{m}^3$ and over the current standard of 35 $\mu\text{g}/\text{m}^3$.

Figure 16

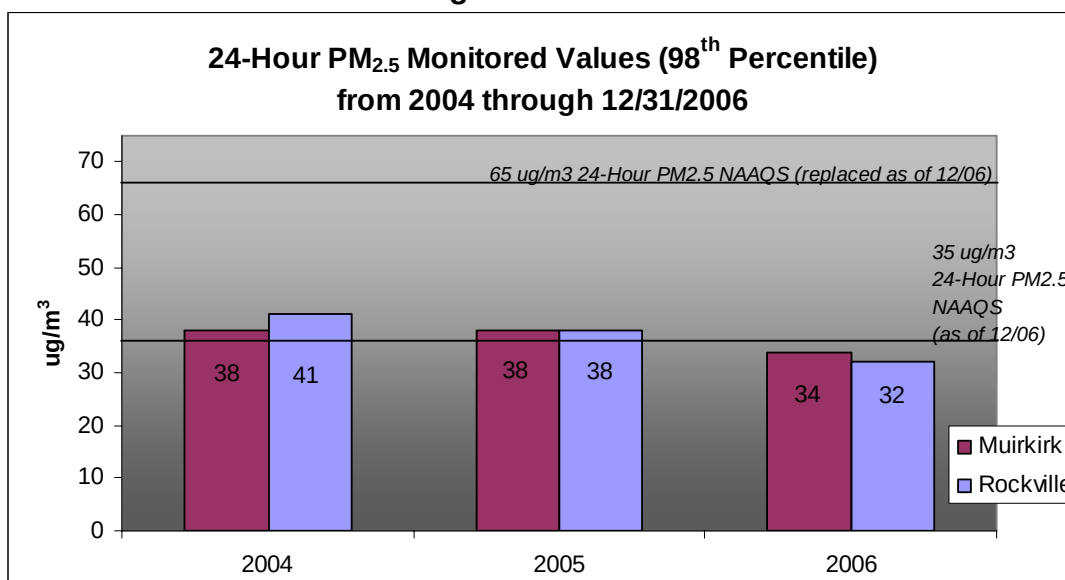
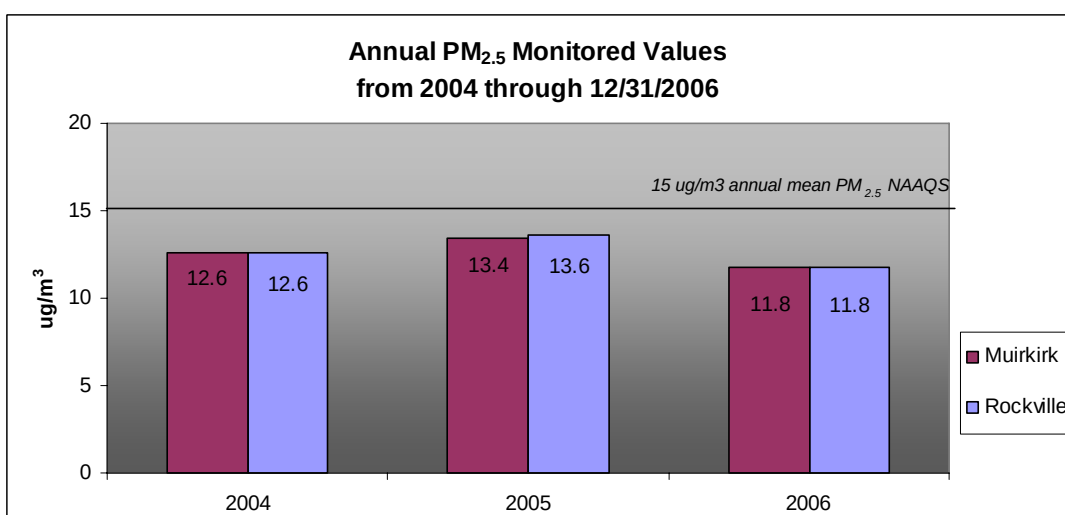


Figure 17



Future Scenario

As shown previously in Figure 14, direct PM_{2.5} emissions are expected to substantially decrease in future years for the entire nonattainment area. This predicted decrease in emissions is due in large part to EPA's "Heavy-duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements – Final Rule," signed in December 2000. According to this rule, particulate matter emission levels are expected to be 90% lower on a per vehicle basis in 2030 than they were in 2000.

Results

Based on the year of expected peak emissions it was determined that the project opening year, 2015, represents the year for the potential worst case impacts of the project. In addition, an analysis of truck percentages and overall 2015 Build AADTs, determined that the segment of I-270, North of I-370 represents the worst case analysis area for the project.

Based on the site characteristics of the eleven PM_{2.5} monitoring stations located in the DC-VA-MD area, it was determined that the Muirkirk monitor has the most similar characteristics to the proposed project. As shown in Table 4, these characteristics include overall traffic volumes and truck volumes that are similar to those predicted near the project's worst case analysis site (e.g., 24,288 trucks near monitor as compared to 18,285 trucks in study segment). Data from the Rockville monitor was also analyzed due to its proximity to the study area. A conservative approach was applied and the values from the Muirkirk and Rockville monitors have been used as representative data for this analysis.

Values collected at the monitors in 2004 thru 2006, did not violate the applicable PM_{2.5} NAAQS (annual or 24-hour). The 2015 project truck impacts on a per vehicle basis should be less than currently observed at the monitors, based on the implementation of national diesel engine and diesel sulfur fuel regulations that are expected to cut heavy-duty diesel emissions. It may also be noted that control programs for other sources of PM_{2.5} in the region, geared toward meeting the current 2010 attainment date for the PM_{2.5} standard, are likely to improve air quality in the project area.

Based on the analysis provided, it is determined that the project meets all the project level PM_{2.5} conformity requirements, and that the project will not cause or contribute to a new violation of the PM_{2.5} NAAQS, or increase the frequency or severity of a violation for the following reasons:

- A monitor with comparable traffic characteristics and roadway influences to the project area in the year of estimated peak emissions is currently monitoring PM_{2.5} concentrations that are below the annual and 24-hour standards.
- Vehicular emissions are expected to be reduced in the project area, as demonstrated by projected reductions in the regional emissions, as well as by national projections by the EPA reflecting the impacts of national emissions control programs, such as the 2007 Heavy-Duty Diesel Rule.

3.5 MSAT Assessment

The amount of MSATs emitted would be proportional to the vehicle miles traveled, or VMT, assuming that other variables such as fleet mix are the same. As shown in Table 7, the VMT estimated for the Build Alternatives is slightly higher than that for the No-build Alternative,

because the additional capacity increases the efficiency of the roadway and attracts rerouted trips from elsewhere in the transportation network. The change is expected to be less than 1.2%. The increased VMT would lead to higher MSAT emissions for the action alternative along the highway corridor, along with a corresponding decrease in MSAT emissions along the parallel routes. The emissions increase is also offset somewhat by lower MSAT emission rates due to increased speeds, because according to EPA's MOBILE6.2 emissions model, emissions of all of the priority MSATs except for diesel particulate matter decrease as speed increases. The extent to which these speed-related emissions decreases will offset VMT- related emissions increases cannot be reliably projected due to the inherent deficiencies of technical models. In addition, construction of the project is predicted to decrease travel times, thus reducing idling, thereby reducing emissions.

The additional travel lanes contemplated as part of the project alternatives may have the effect of moving some traffic closer to nearby homes, schools and businesses; therefore, there may be localized areas where ambient concentrations of MSATs could be higher under the Build Alternatives than under the No Build Alternative. However, as discussed previously, the magnitude and the duration of these potential increases compared to the No-build Alternative cannot be accurately quantified due to the inherent deficiencies of current models. In sum, when new travel lanes are constructed, the localized level of MSAT emissions for the Build Alternative could be higher relative to the No Build Alternative, but this could be offset due to increases in speeds and reductions in congestion (which are associated with lower MSAT emissions). Also, MSATs will be lower in other locations when traffic shifts away from them. However, on a regional basis, EPA's vehicle and fuel regulations coupled with fleet turnover will cause region-wide MSAT levels to be significantly lower than today in almost all cases.

Sensitive receptors include those facilities most likely to contain large concentrations of the more sensitive population. These include hospitals, schools, licensed day cares, and elder care facilities. Dispersion studies have shown that the "roadway" air toxics start to drop off at about 100 meters (328 feet). By 500 meters (1640 feet), most studies have found it very difficult to distinguish the roadway from background toxic concentrations in any given area.

This air quality report includes a basic analysis of the likely MSAT emission impacts of this project. However, available technical tools do not enable us to predict the project-specific health impacts of the emission changes associated with the alternatives in this Air Quality Report. Due to these limitations, the following discussion is included in accordance with CEQ regulations (40 CFR 1502.22(b)) regarding incomplete or unavailable information:

Information that is Unavailable or Incomplete. Evaluating the environmental and health impacts from MSATs on a proposed highway project would involve several key elements, including emissions modeling, dispersion modeling in order to estimate ambient concentrations resulting from the estimated emissions, exposure modeling in order to estimate human exposure to the estimated concentrations, and then final determination of health impacts based on the estimated exposure. Each of these steps is encumbered by technical shortcomings or uncertain science that prevents a more complete determination of the MSAT health impacts of this project.

- (i) **Emissions:** The EPA tools to estimate MSAT emissions from motor vehicles are not sensitive to key variables determining emissions of MSATs in the context of highway projects. While MOBILE 6.2 is used to predict emissions at a regional level, it has limited applicability at the project level. MOBILE 6.2 is a trip-based model--emission factors are projected based on a typical trip of 7.5 miles, and on average speeds for

this typical trip. This means that MOBILE 6.2 does not have the ability to predict emission factors for a specific vehicle operating condition at a specific location at a specific time. Because of this limitation, MOBILE 6.2 can only approximate the operating speeds and levels of congestion likely to be present on the largest-scale projects, and cannot adequately capture emissions effects of smaller projects. For particulate matter, the model results are not sensitive to average trip speed, although the other MSAT emission rates do change with changes in trip speed. Also, the emissions rates used in MOBILE 6.2 for both particulate matter and MSATs are based on a limited number of tests of mostly older-technology vehicles. Lastly, in its discussions of PM under the conformity rule, EPA has identified problems with MOBILE6.2 as an obstacle to quantitative analysis. These deficiencies compromise the capability of MOBILE 6.2 to estimate MSAT emissions. MOBILE6.2 is an adequate tool for projecting emissions trends, and performing relative analyses between alternatives for very large projects, but it is not sensitive enough to capture the effects of travel changes tied to smaller projects or to predict emissions near specific roadside locations.

- (ii) Dispersion. The tools to predict how MSATs disperse are also limited. The EPA's current regulatory models, CALINE3 and CAL3QHC, were developed and validated more than a decade ago for the purpose of predicting episodic concentrations of carbon monoxide to determine compliance with the NAAQS. The performance of dispersion models is more accurate for predicting maximum concentrations that can occur at some time at some location within a geographic area. This limitation makes it difficult to predict accurate exposure patterns at specific times at specific highway project locations across an urban area to assess potential health risk. The NCHRP is conducting research on best practices in applying models and other technical methods in the analysis of MSATs. This work also will focus on identifying appropriate methods of documenting and communicating MSAT impacts in the NEPA process and to the general public. Along with these general limitations of dispersion models, FHWA is also faced with a lack of monitoring data in most areas for use in establishing project-specific MSAT background concentrations.
- (iii) Exposure Levels and Health Effects. Finally, even if emission levels and concentrations of MSATs could be accurately predicted, shortcomings in current techniques for exposure assessment and risk analysis preclude us from reaching meaningful conclusions about project-specific health impacts. Exposure assessments are difficult because it is difficult to accurately calculate annual concentrations of MSATs near roadways, and to determine the portion of a year that people are actually exposed to those concentrations at a specific location. These difficulties are magnified for 70-year cancer assessments, particularly because unsupportable assumptions would have to be made regarding changes in travel patterns and vehicle technology (which affects emissions rates) over a 70-year period. There are also considerable uncertainties associated with the existing estimates of toxicity of the various MSATs, because of factors such as low-dose extrapolation and translation of occupational exposure data to the general population. Because of these shortcomings, any calculated difference in health impacts between alternatives is likely to be much smaller than the uncertainties associated with calculating the impacts. Consequently, the results of such assessments would not be useful to decision makers, who would need to weigh this information against other project impacts that are better suited for quantitative analysis.

Summary of Existing Credible Scientific Evidence Relevant to Evaluating the Impacts of MSATs. Research into the health impacts of MSATs is ongoing. For different emission types, there are a variety of studies that show that some either are statistically associated with adverse health outcomes through epidemiological studies (frequently based on emissions levels found in occupational settings) or that animals demonstrate adverse health outcomes when exposed to large doses.

Exposure to toxics has been a focus of a number of EPA efforts. Most notably, the agency conducted the National Air Toxics Assessment (NATA) in 1996 to evaluate modeled estimates of human exposure applicable to the county level. While not intended for use as a measure of or benchmark for local exposure, the modeled estimates in the NATA database best illustrate the levels of various toxics when aggregated to a national or State level.

The EPA is in the process of assessing the risks of various kinds of exposures to these pollutants. The EPA Integrated Risk Information System (IRIS) is a database of human health effects that may result from exposure to various substances found in the environment. The IRIS database is located at <http://www.epa.gov/iris>.

There have been other studies that address MSAT health impacts in proximity to roadways. The Health Effects Institute, a non-profit organization funded by EPA, FHWA, and industry, has undertaken a major series of studies to research near-roadway MSAT hot spots, the health implications of the entire mix of mobile source pollutants, and other topics. The final summary of the series is not expected for several years.

Some recent studies have reported that proximity to roadways is related to adverse health outcomes -- particularly respiratory problems¹. Much of this research is not specific to MSATs, instead surveying the full spectrum of both criteria and other pollutants. The FHWA cannot evaluate the validity of these studies, but more importantly, they do not provide information that would be useful to alleviate the uncertainties listed above and enable us to perform a more comprehensive evaluation of the health impacts specific to this project.

Relevance of Unavailable or Incomplete Information. Because of the uncertainties outlined above, a quantitative assessment of the effects of air toxic emissions impacts on human health cannot be made at the project level. While available tools do allow us to reasonably predict relative emissions changes between alternatives for larger projects, the amount of MSAT emissions from each of the project alternatives and MSAT concentrations or exposures created by each of the project alternatives cannot be predicted with enough accuracy to be useful in estimating health impacts. (As noted above, the current emissions model is not capable of serving as a meaningful emissions analysis tool for smaller projects.) Therefore, the relevance of the unavailable or incomplete information is that it is not possible to make a determination of whether any of the alternatives would have "significant adverse impacts on the human environment."

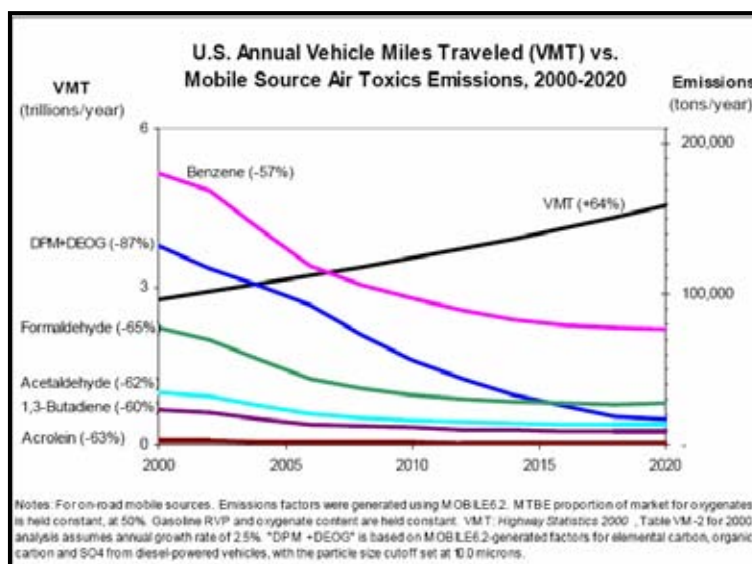
Emissions will likely be lower than present levels in the design year as a result of EPA's national control programs that are projected to reduce MSAT emissions by 57 to 87 percent between 2000 and 2020 (Figure 18). Local conditions may differ from these national projections in terms

¹ South Coast Air Quality Management District, Multiple Air Toxic Exposure Study-II (2000); Highway Health Hazards, The Sierra Club (2004) summarizing 24 Studies on the relationship between health and air quality; NEPA's Uncertainty in the Federal Legal Scheme Controlling Air Pollution from Motor Vehicles, Environmental Law Institute, 35 ELR 10273 (2005) with health studies cited therein.

of fleet mix and turnover, VMT growth rates, and local control measures. However, the magnitude of the EPA-projected reductions is so great (even after accounting for VMT growth) that MSAT emissions in the study area are likely to be lower in the future in nearly all cases.

This document has provided a qualitative analysis of MSAT emissions relative to the various alternatives, and has acknowledged that the project Build alternative may result in increased exposure to MSAT emissions in certain locations, although the concentrations and duration of exposures are uncertain, and because of this uncertainty, the health effects from these emissions cannot be estimated.

**Figure 18 –
Vehicle Miles Traveled vs. Mobile Source Air Toxics**



3.6 Microscale Assessment

Maximum one-hour and eight-hour CO levels were predicted at receptor sites along the proposed project. Maximum one-hour CO concentrations are shown in Table 11. Maximum eight-hour CO concentrations are shown in Table 12. Mobile 6 data used in the CO analysis is contained in Appendix B. CAL3QHC (Version 2) input and output information for each site is contained in Appendix C. No violations of the NAAQS are predicted under any alternative.

Table 11
Predicted Worst-Case 1-hour CO Concentrations (ppm)

SITE #	Description	Existing		No Build 2015		Build Alt. 6 2015		Build Alt. 7 2015		No Build 2030		Build Alt. 6 2030		Build Alt. 7 2030	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	Muddy Branch & Great Seneca Highway	6.2	5.2	5.7	5.8	5.7	5.6	5.8	5.6	5.5	5.6	5.3	5.5	5.5	5.5
2	Field Road & Sam Eig Highway	4.8	5.1	5.3	5.5	5.2	5.4	5.3	5.4	5.1	5.3	5.2	5.2	5.1	5.5
3	MD 355 & Shady Grove	5.2	5.3	6.1	6.7	6.2	6.5	6.2	6.5	5.9	6.2	5.9	6.1	6.0	6.1
4	MD 117 & MD 124	4.9	5.3	5.7	6.0	5.6	5.6	5.6	5.6	5.5	5.6	5.5	5.5	5.6	5.5
5	I-270 Ramps @ MD 117	5.4	5.4	5.6	5.8	6.0	6.1	6.1	6.2	5.6	5.9	5.8	6.3	6.0	6.3
6	MD 117 & Perry Parkway	5.6	5.7	5.5	5.6	5.2	5.4	5.2	5.4	5.2	5.4	5.3	5.5	5.4	5.5
7	MD 355 & Montgomery Village	5.3	5.4	6.7	7.0	6.4	6.8	6.4	6.8	5.4	5.7	5.4	5.7	5.4	5.8
8	MD 355 & Watkins Mill Road	4.6	4.7	5.8	5.7	5.5	5.6	5.5	5.6	5.4	5.3	5.1	5.5	5.2	5.5
9	New Covenant Fellowship Church – 18901 Waring Station Road	4.8	4.8	4.9	4.8	5.1	5.0	5.1	5.0	4.8	4.8	5.0	4.9	4.9	4.9
10	Staleybridge Road – Residence	5.0	5.2	4.9	4.9	4.9	5.1	5.0	5.0	4.8	5.0	4.9	5.0	4.8	5.0
11	MD 355 & Middlebrook Rd.	5.2	5.4	5.1	5.7	5.3	6.2	5.3	6.3	5.7	6.0	5.7	6.0	5.7	6.0
12	MD 118 SB & Middlebrook Rd.	6.2	7.0	5.5	5.3	5.4	5.6	5.4	5.5	5.5	5.4	5.5	5.5	5.4	5.4
13	Crystal Rock & MD 118	5.0	5.5	5.3	5.6	6.1	6.1	6.2	6.1	5.4	5.5	5.2	5.5	5.4	5.6
14	I-270 NB ramps & MD 118	4.7	4.8	4.8	4.9	4.9	5.0	4.8	4.9	4.8	5.4	4.8	4.9	4.8	4.9
15	MD 118 & Observation	4.7	5.0	5.2	5.5	5.2	5.5	5.4	5.5	5.3	5.3	6.5	5.5	5.3	5.4
16	Milestone Apartments	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8
17	MD 355 & Father Hurley Boulevard (MD 27)	5.2	5.2	5.7	5.8	5.6	5.8	5.6	5.8	5.4	5.8	5.6	5.8	5.6	5.8
18	Black Hill Regional Park	5.0	5.0	5.3	5.1	5.8	5.4	6.0	5.4	5.2	5.2	6.0	5.4	5.8	5.4
19	I-270 Ramps @ MD 121	4.7	4.8	5.0	4.9	4.9	4.9	4.8	5.0	4.9	5.1	5.0	5.0	4.9	4.9
20	MD 121 & MD 355 (Historical Church)	4.6	4.7	4.9	4.9	4.6	4.6	4.6	4.6	4.7	4.9	4.7	5.4	4.7	4.8
21	Little Bennett Regional Park	4.7	4.7	4.7	4.8	4.6	4.9	4.8	5.0	4.7	4.8	4.8	5.0	4.9	4.9
22	Residence - 8546 Fingerboard Road	4.9	4.8	4.9	4.8	4.4	4.4	4.4	4.4	4.8	4.7	4.4	4.4	4.4	4.4

Concentrations include one hour CO background= 4.4
One hour CO Standard = 35 ppm

Table 11 (Continued)
Predicted Worst-Case 1-hour CO Concentrations (ppm)

SITE #	Description	Existing		No Build 2015		Build Alt. 6 2015		Build Alt. 7 2015		No Build 2030		Build Alt. 6 2030		Build Alt. 7 2030	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
23	MD 80 & I-270 Ramps (Park & Ride – Historical District, churches)	4.6	4.7	4.9	4.8	4.8	4.9	5.0	4.8	4.9	4.8	5.2	4.9	5.2	4.9
24	Urbana Community Park	4.7	4.8	4.8	5.1	5.1	5.4	5.0	5.4	5.1	5.2	5.3	5.6	5.2	5.6
25	Residence - 8358 Fingerboard Road	4.8	4.8	4.9	4.8	4.4	4.4	4.4	4.4	4.7	4.7	4.4	4.4	4.4	4.4
26	MD 85 / Spectrum Ave	4.7	5.2	4.7	5.2	4.7	5.3	4.7	5.3	4.7	6.0	4.7	5.3	4.7	5.3
27	I- 270 ramps & MD85	4.8	4.8	5.0	5.0	5.8	5.4	5.9	5.4	5.4	5.2	6.1	5.5	5.9	5.6
28	Residence - 5819 Farmgate Court	4.7	4.8	4.7	4.9	5.0	5.3	5.0	5.3	4.8	5.0	5.2	5.1	5.3	5.5
29	Monocacy National Battlefield	4.7	4.7	4.8	4.7	5.0	5.0	5.1	5.0	4.8	4.9	5.3	5.1	5.1	5.1
30	Jefferson/Prospect/Pearl	5.1	5.1	5.8	5.7	5.8	5.7	5.9	5.7	5.6	5.6	5.7	6.2	5.7	6.2
31	Waterford Park	4.7	4.8	4.8	4.9	4.8	4.9	4.8	4.8	4.8	4.9	4.9	5.0	4.9	4.9
32	Fairfield Park	5.0	5.1	5.1	5.2	5.2	5.3	5.1	5.2	5.2	5.2	5.4	5.6	5.3	5.5
33	Residence near Waterford Park	5.1	5.1	5.2	5.2	5.2	5.4	5.2	5.1	5.2	5.2	5.4	5.5	5.3	5.3
34	US 15 & Rosemont Interchange	5.5	5.5	5.5	5.7	5.6	5.8	5.5	5.7	5.6	5.7	5.9	6.3	5.9	6.1
35	I-15 ramps @ 7th Street	4.8	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.2	5.2	5.2	5.2
36	Rose Hill Manor	4.8	4.9	4.9	4.9	4.9	5.0	4.9	5.0	4.9	5.0	5.0	5.1	5.0	5.3
37	MD 26 & Trading Lane	5.6	4.9	5.7	6.0	5.9	5.9	5.9	5.9	5.7	5.8	5.7	5.9	5.7	5.9

Concentrations include one hour CO background= 4.4
One hour CO Standard = 35 ppm

Table 12
Maximum Predicted Peak Eight-Hour CO Concentrations (ppm)

Site #	Description	Existing	No Build 2015	Build Alt. 6 2015	Build Alt. 7 2015	No Build 2030	Build Alt. 6 2030	Build Alt. 7 2030
1	Muddy Branch & Great Seneca Highway	4.2	3.9	3.8	3.9	3.7	3.7	3.7
2	Field Road & Sam Eig Highway	3.4	3.7	3.6	3.6	3.5	3.5	3.7
3	MD 355 & Shady Grove	3.5	4.5	4.4	4.4	4.2	4.1	4.1
4	MD 117 & MD 124	3.5	4.0	3.7	3.7	3.7	3.7	3.7
5	I-270 Ramps @ MD 117	3.6	3.9	4.1	4.2	4.0	4.2	4.2
6	MD 117 & Perry Parkway	3.8	3.7	3.6	3.6	3.6	3.7	3.7
7	MD 355 & Montgomery Village	3.6	4.7	4.6	4.6	3.8	3.8	3.9
8	MD 355 & Watkins Mill Road	3.1	3.9	3.7	3.7	3.6	3.7	3.7
9	New Covenant Fellowship Church – 18901 Waring Station Road	3.2	3.3	3.4	3.4	3.2	3.3	3.3
10	Staleybridge Road – Residence	3.5	3.3	3.4	3.3	3.3	3.3	3.3
11	MD 355 & Middlebrook Rd.	3.6	3.8	4.2	4.2	4.0	4.0	4.0
12	MD 118 SB & Middlebrook Rd.	4.7	3.7	3.7	3.7	3.7	3.7	3.6
13	Crystal Rock & MD 118	3.7	3.7	4.1	4.2	3.7	3.7	3.7
14	I-270 NB ramps & MD 118	3.2	3.3	3.3	3.3	3.6	3.3	3.3
15	MD 118 & Observation	3.3	3.7	3.7	3.7	3.5	4.4	3.6
16	Milestone Apartments	3.1	3.1	3.1	3.1	3.1	3.1	3.2
17	MD 355 & Father Hurley Boulevard (MD 27)	3.5	3.9	3.9	3.9	3.9	3.9	3.9
18	Black Hill Regional Park	3.3	3.5	3.9	4.0	3.5	4.0	3.9
19	I-270 Ramps @ MD 121	3.2	3.3	3.3	3.3	3.4	3.3	3.3
20	MD 121 & MD 355 (Historical Church)	3.1	3.3	3.0	3.0	3.3	3.6	3.2
21	Little Bennett Regional Park	3.1	3.2	3.3	3.3	3.2	3.3	3.3
22	Residence - 8546 Fingerboard Road	3.3	3.3	2.9	2.9	3.2	2.9	2.9

Note: Predicted Levels include a background of 2.9 ppm.
Eight-hour Federal and State CO standard = 9 ppm.

Table 12 (continued)
Maximum Predicted Peak Eight-Hour CO Concentrations (ppm)

Site #	Description	Existing	No Build 2015	Build Alt. 6 2015	Build Alt. 7 2015	No Build 2030	Build Alt. 6 2030	Build Alt. 7 2030
23	MD 80 & I-270 Ramps (Park & Ride – Historical District, churches)	3.1	3.3	3.3	3.3	3.3	3.5	3.5
24	Urbana Community Park	3.2	3.4	3.6	3.6	3.5	3.7	3.7
25	Residence - 8358 Fingerboard Road	3.2	3.3	2.9	2.9	3.1	2.9	2.9
26	MD 85 / Spectrum Ave	3.5	3.5	3.5	3.5	4.0	3.5	3.5
27	I- 270 ramps & MD85	3.2	3.3	3.9	4.0	3.6	4.1	4.0
28	Residence - 5819 Farmgate Court	3.2	3.3	3.5	3.5	3.3	3.5	3.7
29	Monocacy National Battlefield	3.1	3.2	3.3	3.4	3.3	3.5	3.4
30	Jefferson/Prospect/Pearl	3.4	3.9	3.9	4.0	3.7	4.2	4.2
31	Waterford Park	3.2	3.3	3.3	3.2	3.3	3.3	3.3
32	Fairfield Park	3.4	3.5	3.5	3.5	3.5	3.7	3.7
33	Residence near Waterford Park	3.4	3.5	3.6	3.5	3.5	3.7	3.5
34	US 15 & Rosemont Interchange	3.7	3.8	3.9	3.7	3.8	4.2	4.1
35	I-15 ramps @ 7th Street	3.3	3.4	3.4	3.4	3.5	3.5	3.5
36	Rose Hill Manor	3.3	3.3	3.3	3.3	3.3	3.4	3.5
37	MD 26 & Trading Lane	3.7	4.0	4.0	4.0	3.9	4.0	4.0

Note: Predicted Levels include a background of 2.9 ppm.
Eight-hour Federal and State CO standard = 9 ppm.

4. Construction Impacts on Air Quality

Effects of the project would be limited to short-term increased fugitive dust and mobile-source emissions during construction. State and local regulations regarding dust control and other air quality emission reduction controls should be followed. These recommendations are described below.

4.1 Fugitive Dust Emissions

Fugitive dust is airborne particulate matter, generally of a relatively large particulate size. Construction-related fugitive dust would be generated by haul trucks, concrete trucks, delivery trucks, and earth-moving vehicles operating around the construction sites. This fugitive dust would be due primarily to particulate matter re-suspended ("kicked up") by vehicle movement over paved and unpaved roads, dirt tracked onto paved surfaces from unpaved areas at access points, and material blown from uncovered haul trucks.

Generally, the distance that particles drift from their source depends on their size, the emission height, and the wind speed. Small particles (30–100 micron range) can travel several hundred feet before settling to the ground. Most fugitive dust, however, is comprised of relatively large particles (that is, particles greater than 100 microns in diameter). These particles are responsible for the reduced visibility often associated with this type of construction. Given their relatively large size, these particles tend to settle within 20 to 30 feet of their source.

In order to minimize the amount of construction dust generated, the guidelines below should be followed. The following preventive and mitigative measures should be taken to minimize the potential particulate pollution problem:

- I. Site Preparation
 - Minimize land disturbance.
 - Use watering trucks to minimize dust.
 - Cover trucks when hauling dirt.
 - Stabilize the surface of dirt piles, if they are not removed immediately.
 - Use windbreaks to prevent accidental dust pollution.
 - Limit vehicular paths and stabilize these temporary roads.
 - Pave all unpaved construction roads and parking areas to road grade for a length no less than 50 feet from where such roads and parking areas exit the construction site. This prevents dirt from washing onto paved roadways.
- II. Construction
 - Cover trucks when transferring materials.
 - Use dust suppressants on unpaved traveled paths.
 - Minimize unnecessary vehicular and machinery activities.
 - Minimize dirt track-out by washing or cleaning trucks before leaving the construction site. An alternative to this strategy is to pave a few hundred feet of the exit road just before entering the public road.
- III. Post-Construction
 - Re-vegetate any disturbed land not used.
 - Remove unused material.
 - Remove dirt piles.
 - Re-vegetate all vehicular paths created during construction to avoid future off-road vehicular activities.

4.2 Mobile Source Emissions

Since CO emissions from motor vehicles generally increase with decreasing vehicle speed, disruption of traffic during construction (such as the temporary reduction of roadway capacity and the increased queue lengths) could result in short-term, elevated concentrations of CO. In order to minimize the amount of emissions generated, every effort should be made during the construction phase to limit disruption to traffic, especially during peak travel hours.

5. Conclusions

The purpose and need of the project focuses on meeting the current and future regional transportation needs of the area. The I-270 project is a conforming project as it is an element of the 2006 Constrained Long Range Plan (CLRP) and the FY2007-2012 TIP adopted by the TPB on October 18, 2006. SIPs however are still in the development phase for 8-hour O₃ and PM_{2.5}. In the interim, the 1-hour approved O₃ SIP is applicable. For PM_{2.5}, the area must maintain a PM_{2.5} budget no greater than the 2002 PM_{2.5} budget. An eight-hour O₃ SIP is expected to be submitted to EPA in June 2007, a PM_{2.5} SIP is expected to be submitted to EPA in April 2008, though this may change due to the new PM_{2.5} standards.

The project is not predicted to cause or exacerbate a violation of the NAAQS. The project is not expected to measurably increase regional emission burdens or MSAT levels. The project is also not expected to cause a violation of the PM_{2.5} standard.

Construction effects of the project would be limited to short-term increased fugitive dust and mobile-source emissions. State and local regulations regarding dust control and other air quality emission reduction controls should be followed.

6. References

1. FHWA, Interim Guidance on Air Toxic Analysis in NEPA Documents, February 3, 2006.
2. Maryland State Highway Administration.
3. Maryland Department of the Environmental, Air and Radiation Division.
4. Metropolitan Washington County of Government (MWCOG).
5. Metropolitan Washington County of Governments, State Implementation Plan (SIP) Development Update, September 16, 2005 and May 24, 2006.
6. National Capital Region Transportation Planning Board, Metropolitan Washington Council of Governments, Transportation Improvement Program for the Washington Metropolitan Region, FY2005-2010. November 17, 2004.
7. National Oceanic and Atmospheric Administration, (<http://www.noaa.gov>).
8. OzoneNY, (http://www.ozoneny.org/about_ozone/good_vs_bad_ozone.asp).
9. U. S. Environmental Protection Agency, "Transportation Conformity Guidance for Qualitative Hot-spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas" EPA420-B-06-902, March 2006.
10. U. S. Environmental Protection Agency, Office of Air Quality Planning and Standards.
11. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, User's Guide to CAL3QHC Version 2.0: A Modeling Methodology for Predicting Pollutant Concentrations near Roadway Intersections, EPA -454/R-92-006 .
12. U.S. Environmental Protection Agency, Air Quality Analysis Branch, User's Guide to Mobile6.2, EPA-TEB-92-01.
13. U.S. Environmental Protection Agency, Airsdata.

APPENDIX A

MONITORED AMBIENT AIR QUALITY DATA

APPENDIX B

MOBILE6.2 DATA

APPENDIX C

CAL3QHC (Version 2.0) INPUT & OUTPUT FILES

(Referring to the included Compact Disc)



AirData

[Recent Additions](#) | [Contact Us](#) Search: [GO](#)
[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Carbon Monoxide

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Carbon Monoxide: 35 ppm (1-hour average), 9 ppm (8-hour average)

ppm = parts per million

47 Rows

See [Disclaimer](#)

	CO (ppm)														
	1-Hour Values				8-Hour Values			Monitor Number	Measurement Scale	Monitoring Objective	Year	Site Address	City	County	State
Row #	# Obs	1st Max	2nd Max	# Exceed	1st Max	2nd Max	# Exceed								
SORT	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
1	8,656	10.9	8.3	0	3.7	3.2	0	1	Microscale	Highest Concentration (Washington, DC-MD-VA)	2003	C&P Phone Co. L St. Bet 20th & 21st St N	Washington	Washington city	DC
2	8,489	8.6	7.6	0	4.5	4.0	0	1	Neighborhood	Population Exposure (Washington, DC-MD-VA)	2003	34th. And Dix Streets, N.E.		Washington city	DC
3	8,736	3.8	3.4	0	2.4	2.4	0	1	Microscale	Highest Concentration (Washington, DC-MD-VA)	2004	C&P Phone Co. L St. Bet 20th & 21st St N	Washington	Washington city	DC
4	8,622	4.1	4.0	0	3.5	3.4	0	1	Neighborhood	Population Exposure (Washington, DC-MD-VA)	2004	34th. And Dix Streets, N.E.		Washington city	DC
5	7,933	3.0	2.9	0	2.1	1.9	0	1	Microscale	Highest Concentration (Washington, DC-MD-VA)	2005	C&P Phone Co. L St. Bet 20th & 21st St N	Washington	Washington city	DC
										Population Exposure		34th. And Dix		Washington	

6	7,967	4.1	3.8	0	3.3	3.2	0	1	Neighborhood	(Washington, DC-MD-VA)	2005	Streets, N.E.		city	DC
7	4,386	2.6	2.3	0	1.4	1.3	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2003	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
8	8,707	3.8	3.8	0	2.8	2.5	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2003	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
9	4,199	3.9	3.9	0	2.6	2.6	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
10	8,507	3.1	2.5	0	1.8	1.7	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2004	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
11	8,747	5.0	4.8	0	4.0	2.9	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2004	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
12	7,946	6.7	2.6	0	1.8	1.7	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2005	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
13	8,472	9.3	9.2	0	2.8	2.7	0	1	Middle Scale	Highest Concentration (Baltimore, MD)	2005	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
14	7,899	4.1	4.1	0	3.1	2.5	0	1		Unknown	2003	S 18th And Hayes St		Arlington Co	VA
15	8,698	2.6	2.4	0	1.7	1.5	0	1	Urban Scale	Highest Concentration (Washington, DC-MD-VA)	2003	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
16	8,679	2.4	2.2	0	1.8	1.6	0	1		Population Exposure (Washington, DC-MD-VA)	2003	6507 Columbia Pike	Annandale	Fairfax Co	VA
17	8,074	3.6	3.3	0	2.8	2.7	0	1		Unknown	2003	Lewinsville 1437 Balls Hill Rd	McLean	Fairfax Co	VA
18	4,007	3.9	3.7	0	2.8	2.4	0	1	Middle Scale	Population Exposure (Roanoke, VA)	2003	Carver Road	Roanoke	Roanoke city	VA
19	8,631	3.2	3.2	0	2.1	2.0	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2003	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
20	8,692	4.6	3.2	0	2.4	2.1	0	1	Middle Scale	Population Exposure (Richmond, VA)	2003	7341 Forest Hill Avenue	Richmond	Richmond city	VA
21	8,589	3.5	3.4	0	2.6	2.6	0	1	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2003	Norfolk State University	Norfolk	Norfolk city	VA

22	8,490	5.0	4.6	0	3.8	2.9	0	1	Microscale	Highest Concentration (Norfolk-Virginia Beach-Newport News, VA)	2003	600 Church Street	Norfolk	Norfolk city	VA
23	8,559	2.8	2.7	0	2.4	1.9	0	2	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2003	700 Shell Road	Hampton	Hampton city	VA
24	8,516	3.6	3.5	0	3.0	2.8	0	1		Unknown	2003	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
25	5,550	1.9	1.9	0	1.7	1.4	0	1	Neighborhood	Population Exposure	2003	Cub Run Lee Rd Chant.(Cubrun Treat Plant		Fairfax Co	VA
26	8,644	3.2	3.2	0	2.4	2.2	0	1		Unknown	2004	S 18th And Hayes St		Arlington Co	VA
27	8,707	1.6	1.6	0	1.4	1.2	0	1	Neighborhood	Population Exposure	2004	Cub Run Lee Rd Chant.(Cubrun Treat Plant		Fairfax Co	VA
28	8,683	2.1	1.8	0	1.6	1.4	0	1		Population Exposure (Washington, DC-MD-VA)	2004	6507 Columbia Pike	Annandale	Fairfax Co	VA
29	6,518	2.8	2.8	0	2.0	1.8	0	1	Neighborhood	Population Exposure (Roanoke, VA)	2004	2020 Oakland Blvd, Nw	Roanoke	Roanoke city	VA
30	8,581	3.5	3.3	0	2.3	2.1	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2004	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
31	8,713	3.6	3.3	0	1.9	1.9	0	1	Middle Scale	Population Exposure (Richmond, VA)	2004	7341 Forest Hill Avenue	Richmond	Richmond city	VA
32	8,657	3.0	3.0	0	2.6	2.5	0	1	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2004	Norfolk State University	Norfolk	Norfolk city	VA
33	8,533	3.9	3.8	0	3.2	3.0	0	1	Microscale	Highest Concentration (Norfolk-Virginia Beach-Newport News, VA)	2004	600 Church Street	Norfolk	Norfolk city	VA
34	8,667	3.1	2.6	0	1.8	1.7	0	2	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2004	700 Shell Road	Hampton	Hampton city	VA
												517 N Saint Asaph St,		Alexandria	

35	8,662	3.0	2.9	0	2.0	2.0	0	1		Unknown	2004	Alexandria Health	Alexandria	city	VA
36	8,446	3.7	3.6	0	2.5	2.3	0	1		Unknown	2004	Lewinsville 1437 Balls Hill Rd	McLean	Fairfax Co	VA
37	7,933	1.6	1.6	0	1.3	1.2	0	1	Urban Scale	Highest Concentration (Washington, DC-MD-VA)	2004	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
38	8,515	2.4	2.3	0	1.8	1.6	0	1		Unknown	2005	S 18th And Hayes St		Arlington Co	VA
39	8,640	2.7	1.7	0	1.5	1.5	0	1	Neighborhood	Population Exposure	2005	Cub Run Lee Rd Chant.(Cubrun Treat Plant		Fairfax Co	VA
40	8,151	3.1	3.0	0	2.4	2.2	0	1	Neighborhood	Population Exposure (Roanoke, VA)	2005	2020 Oakland Blvd, Nw	Roanoke	Roanoke city	VA
41	8,516	2.8	2.8	0	2.4	2.0	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2005	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
42	8,701	3.2	3.2	0	1.9	1.8	0	1	Middle Scale	Population Exposure (Richmond, VA)	2005	7341 Forest Hill Avenue	Richmond	Richmond city	VA
43	8,619	4.8	3.6	0	1.8	1.8	0	2	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2005	700 Shell Road	Hampton	Hampton city	VA
44	8,569	2.3	2.3	0	1.7	1.6	0	1		Unknown	2005	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
45	8,667	2.6	2.5	0	2.0	1.9	0	1		Unknown	2005	Lewinsville 1437 Balls Hill Rd	McLean	Fairfax Co	VA
46	8,701	1.9	1.6	0	1.4	1.3	0	1		Population Exposure (Washington, DC-MD-VA)	2005	6507 Columbia Pike	Annandale	Fairfax Co	VA
47	8,510	2.0	1.9	0	1.7	1.3	0	1	Urban Scale	Highest Concentration (Washington, DC-MD-VA)	2005	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
Grand Total				0				0				2003			
				0				0				2004			
				0				0				2005			

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.



AirData

[Recent Additions](#) | [Contact Us](#)Search: [GO](#)[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Locator Map Criteria](#) > Monitor Locator Map

Monitor Locator Map - Criteria Air Pollutants

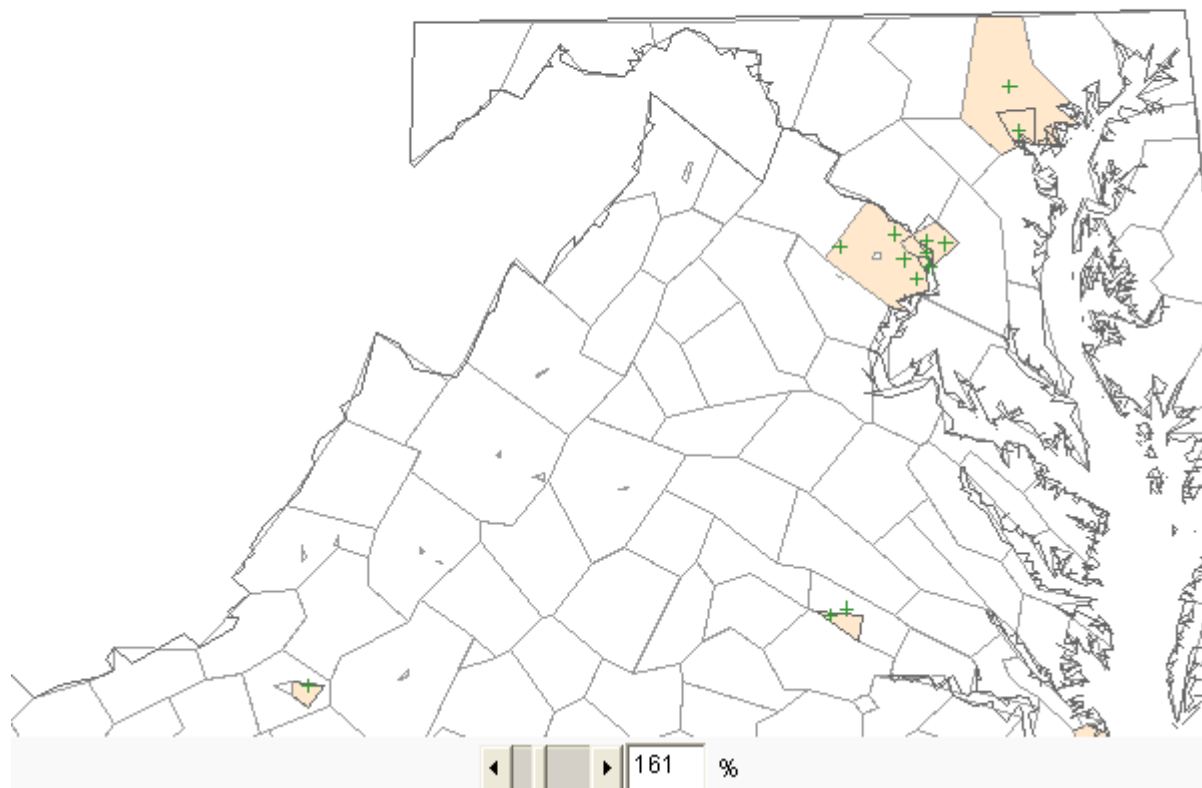
Geographic Area: District of Columbia, Maryland, or Virginia**Pollutant:** Carbon Monoxide**Monitor Status:** Reported data in 2005

14 Monitors selected

See [Disclaimer](#)

Position mouse pointer on map to view additional information.

See zoom and pan instructions below this image.



To ZOOM: Click slider with mouse, type in zoom percentage number, or use keyboard Shift + arrow keys.
To PAN: Click and drag image with mouse, or use keyboard arrow keys.

[Download Image](#)

CGM

[Go](#)[Download Data](#)

Tab Delimited

[Go](#)[View Data](#)

25 rows per page

[Go](#)

Disclaimer: Monitor information in this map comes from a monthly extract of EPA's Air Quality System (AQS) database. Data for this map were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData maps, charts, or reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the



AirData

[Recent Additions](#) | [Contact Us](#) Search:

[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Nitrogen Dioxide

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Nitrogen Dioxide: 0.053 ppm (annual mean)

ppm = parts per million

56 Rows

 See [Disclaimer](#)

	NO2 (ppm)													
	1-Hour Values			Annual		Monitor Number	Measurement Scale	Monitoring Objective	Year	Site Address	City	County	State	
Row #	# Obs	1st Max	2nd Max	Mean	# Exceed									
SORT	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	
1	8,661	0.090	0.087	0.025	0	1	Urban Scale	Population Exposure (Washington, DC-MD-VA)	2003	Takoma Sc. Piney Branch Rd & Dahlia St N	Washington	Washington city	DC	
2	8,523	0.102	0.098	0.023	0	1		Unknown	2003	34th. And Dix Streets, N.E.		Washington city	DC	
3	8,499	0.091	0.090	0.023	0	1	Urban Scale	Max Precursor Emissions Impact (Washington,DC-MD-VA-WV MSA), Highest Concentration (Washington, DC-MD-VA)	2003	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC	
4	8,713	0.069	0.069	0.021	0	1	Urban Scale	Population Exposure (Washington, DC-MD-VA)	2004	Takoma Sc. Piney Branch Rd & Dahlia St N	Washington	Washington city	DC	
5	8,535	0.115	0.106	0.021	0	1		Unknown	2004	34th. And Dix Streets, N.E.		Washington city	DC	
6	8,712	0.078	0.076	0.022	0	1	Urban Scale	Max Precursor Emissions Impact (Washington,DC-MD-VA-WV MSA), Highest Concentration (Washington, DC-MD-VA)	2004	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC	
7	7,751	0.112	0.074	0.019	0	1	Urban Scale	Population Exposure	2005	Takoma Sc. Piney	Washington	Washington	DC	

								(Washington, DC-MD-VA)		Branch Rd & Dahlia St N		city	
8	7,733	0.115	0.105	0.021	0	1		Unknown	2005	34th. And Dix Streets, N.E.		Washington city	DC
9	7,827	0.080	0.074	0.021	0	1	Urban Scale	Max Precursor Emissions Impact (Washington,DC-MD-VA-WV MSA), Highest Concentration (Washington, DC-MD-VA)	2005	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC
10	736	0.031	0.030	0.009	0	3	Urban Scale	Upwind Background (Baltimore,MD MSA), Population Exposure (Baltimore, MD)	2003	9001 'Y' Street,Ft.Meade,Anne Arundel Md	Fort Meade (U.S. Army)	Anne Arundel Co	MD
11	2,916	0.038	0.034	0.006	0	1	Regional Scale	Population Exposure (Baltimore, MD), Extreme Downwind (Baltimore,MD MSA)	2003	3538 Aldino Road,Harford County Maryland		Harford Co	MD
12	8,099	0.085	0.084	0.026	0	1	Neighborhood	Highest Concentration (Baltimore, MD)	2003	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
13	8,259	0.073	0.067	0.018	0	2	Urban Scale	Population Exposure (Baltimore, MD), Max Precursor Emissions Impact (Baltimore,MD MSA)	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
14	8,147	0.073	0.061	0.015	0	2	Urban Scale	Population Exposure (Baltimore, MD), Max Precursor Emissions Impact (Baltimore,MD MSA)	2004	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
15	2,894	0.026	0.024	0.006	0	1	Regional Scale	Population Exposure (Baltimore, MD), Extreme Downwind (Baltimore,MD MSA)	2004	3538 Aldino Road,Harford County Maryland		Harford Co	MD
16	8,043	0.068	0.068	0.023	0	1	Neighborhood	Highest Concentration (Baltimore, MD)	2004	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
17	7,536	0.083	0.066	0.015	0	2	Urban Scale	Population Exposure (Baltimore, MD), Max Precursor Emissions Impact (Baltimore,MD MSA)	2005	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
18	4,195	0.043	0.039	0.011	0	1	Urban Scale	Highest Concentration (Baltimore,MD MSA)	2005	12003 Old Baltimore Pike, Beltsville, Ma	Beltsville	Prince George's Co	MD
19	8,279	0.091	0.079	0.022	0	1	Neighborhood	Highest Concentration (Baltimore, MD)	2005	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
20	4,341	0.043	0.038	0.006	0	1	Regional Scale	Population Exposure (Baltimore, MD), Extreme Downwind (Baltimore,MD	2005	3538 Aldino Road,Harford County		Harford Co	MD

								MSA)		Maryland			
21	8,491	0.080	0.079	0.026	0	1		Unknown	2003	S 18th And Hayes St		Arlington Co	VA
22	7,115	0.084	0.083	0.011	0	1	Neighborhood	Highest Concentration	2003	Shirley Plantation, Route 5		Charles City Co	VA
23	8,604	0.048	0.048	0.010	0	1	Neighborhood	Population Exposure	2003	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
24	8,649	0.063	0.062	0.018	0	1		Population Exposure (Washington, DC-MD-VA)	2003	6507 Columbia Pike	Annandale	Fairfax Co	VA
25	3,155	0.118	0.080	0.023	0	1	Neighborhood	Population Exposure	2003	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
26	8,298	0.108	0.089	0.016	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2003	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
27	8,454	0.085	0.071	0.016	0	1	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2003	Norfolk State University	Norfolk	Norfolk city	VA
28	8,263	0.078	0.073	0.023	0	3		Unknown	2003	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
29	1,921	0.074	0.064	0.023	0	1	Neighborhood	Population Exposure	2003	26-E 4411 Early Road, Deq Office		Rockingham Co	VA
30	8,630	0.053	0.052	0.013	0	1		Unknown	2003	East Vinton Elementary School	Vinton	Roanoke Co	VA
31	8,611	0.053	0.052	0.012	0	1	Urban Scale	Population Exposure (Washington, DC-MD-VA)	2003	James S. Long Park		Prince William Co	VA
32	8,452	0.061	0.058	0.016	0	1	Neighborhood	Population Exposure (Washington, DC-MD-VA)	2003	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
33	8,440	0.073	0.072	0.022	0	1		Unknown	2004	S 18th And Hayes St		Arlington Co	VA
34	2,648	0.021	0.019	0.003	0	1	Urban Scale	Upwind Background (Washington-Baltimore,DC-MD-VA-WV CMSA), General/Background	2004	U.S. Geodetic Survey, Off Rt.2, Corbin		Caroline Co	VA
35	8,267	0.102	0.085	0.011	0	1	Neighborhood	Highest Concentration	2004	Shirley Plantation, Route 5		Charles City Co	VA
36	6,134	0.050	0.046	0.015	0	1	Neighborhood	Population Exposure	2004	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
37	8,627	0.070	0.070	0.015	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2004	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
38	8,638	0.068	0.061	0.016	0	1	Neighborhood	Population Exposure (Norfolk-Virginia Beach-Newport News, VA)	2004	Norfolk State University	Norfolk	Norfolk city	VA
39	8,503	0.076	0.075	0.024	0	3		Unknown	2004	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
40	8,158	0.067	0.065	0.017	0	1		Population Exposure (Washington, DC-MD-VA)	2004	6507 Columbia Pike	Annandale	Fairfax Co	VA

41	6,672	0.060	0.056	0.014	0	1		Unknown	2004	East Vinton Elementary School	Vinton	Roanoke Co	VA
42	8,534	0.059	0.044	0.010	0	1	Urban Scale	Population Exposure (Washington, DC-MD-VA)	2004	James S. Long Park		Prince William Co	VA
43	7,108	0.052	0.052	0.015	0	1	Neighborhood	Population Exposure (Washington, DC-MD-VA)	2004	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
44	7,801	0.097	0.073	0.018	0	1	Neighborhood	Population Exposure	2004	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
45	8,676	0.060	0.051	0.010	0	1	Neighborhood	Population Exposure	2004	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
46	7,852	0.074	0.071	0.021	0	1		Unknown	2005	S 18th And Hayes St		Arlington Co	VA
47	8,449	0.075	0.074	0.010	0	1	Neighborhood	Highest Concentration	2005	Shirley Plantation, Route 5		Charles City Co	VA
48	8,231	0.073	0.071	0.016	0	1	Neighborhood	Highest Concentration (Richmond, VA)	2005	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
49	7,064	0.076	0.074	0.024	0	3		Unknown	2005	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
50	8,570	0.054	0.053	0.014	0	1	Neighborhood	Population Exposure	2005	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
51	6,645	0.046	0.046	0.014	0	1		Unknown	2005	East Vinton Elementary School	Vinton	Roanoke Co	VA
52	8,291	0.056	0.047	0.009	0	1	Urban Scale	Population Exposure (Washington, DC-MD-VA)	2005	James S. Long Park		Prince William Co	VA
53	7,561	0.056	0.055	0.014	0	1	Neighborhood	Population Exposure (Washington, DC-MD-VA)	2005	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
54	8,530	0.071	0.067	0.017	0	1	Neighborhood	Population Exposure	2005	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
55	8,683	0.075	0.067	0.018	0	1		Population Exposure (Washington, DC-MD-VA)	2005	6507 Columbia Pike	Annandale	Fairfax Co	VA
56	7,100	0.057	0.052	0.010	0	1	Neighborhood	Population Exposure	2005	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
Grand Total					0				2003				
					0				2004				
					0				2005				

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

Comma

Tab

[About exporting](#)

Disclaimer: AirData reports are produced from a monthly extract of EPA's air pollution database, AQS. Data for this report were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some



AirData

[Recent Additions](#) | [Contact Us](#) Search:

[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Count Report Criteria](#) > Monitor Count Report

Monitor Count Report - Criteria Air Pollutants

Geographic Area: Maryland**Year:** 2005**Pollutant:** Carbon Monoxide, Nitrogen Dioxide, Ozone, Sulfur Dioxide, Particulate (size < 2.5 micrometers), Particulate (size < 10 micrometers), Lead

23 Rows

See [Disclaimer](#)

Row #	Number of Monitors							Site ID	Site Address	City	County	State	EPA Region
	CO	NO2	O3	SO2	PM2.5	PM10	PB						
SORT													
1	0	0	1	0	1	0	0	240030014	Queen Anne And Wayson Roads		Anne Arundel Co	MD	03
2	0	0	0	0	1	1	0	240031003	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD	03
3	0	0	0	0	2	0	0	240032002	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD	03
4	1	0	1	0	1	0	0	240051007	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD	03
5	0	1	1	1	1	1	0	240053001	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD	03
6	0	0	1	0	0	0	0	240090011	350 Stafford Road Barstow, Maryland		Calvert Co	MD	03
7	0	0	1	0	0	0	0	240130001	1300 W. Old Liberty Road, Winfield,Md		Carroll Co	MD	03
8	0	0	1	0	1	0	0	240150003	Rte.273 Fair Hill Ceil Co. Maryland		Cecil Co	MD	03
9	0	0	1	0	0	0	0	240170010	So Md Correctional - Camp Hughesville M		Charles Co	MD	03
10	0	0	1	0	0	0	0	240210037	Frederick Municipal Airport	Frederick	Frederick Co	MD	03
11	0	0	1	0	1	0	0	240251001	Edgewood Army Chem Center Edgewood Md	Edgewood	Harford Co	MD	03
12	0	1	1	0	0	0	0	240259001	3538 Aldino Road,Harford County Maryland		Harford Co	MD	03
13	0	0	1	0	0	0	0	240290002	Kent County Millington		Kent Co	MD	03
14	0	0	1	0	1	0	0	240313001	Lothrop E Smith Env.Ed Center Rockville	Rockville	Montgomery Co	MD	03
15	0	1	1	0	1	0	0	240330030	12003 Old Baltimore Pike, Beltsville, Ma	Beltsville	Prince George's Co	MD	03
16	0	0	1	0	2	0	0	240338003	Prince Georges Equestrian Center		Prince George's Co	MD	03
17	0	0	1	0	1	0	0	240430009	18701 Roxbury Rd,Hagerstown,Maryland	Hagerstown	Washington Co	MD	03
									N E Police Sta, 1900		Baltimore		

18	0	0	0	0	1	0	0	245100006	Argonne Dr, Balto M	Baltimore	city	MD	03
19	0	0	0	0	1	0	0	245100007	N W Police Sta, 5700 Reisterstown Rd	Baltimore	Baltimore city	MD	03
20	0	0	0	0	1	1	0	245100008	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD	03
21	0	0	0	0	2	2	0	245100035	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD	03
22	1	1	0	0	1	0	0	245100040	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD	03
23	0	0	0	0	1	0	0	245100049	Westport Elementary School	Baltimore	Baltimore city	MD	03
Grand Total	2	4	15	1	20	5	0						

Page 1 of 1

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

Comma

Tab

[About exporting](#)

Disclaimer: AirData reports are produced from a monthly extract of EPA's air pollution database, AQS. Data for this report were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the prevailing air quality of a county or urban area. Pollutants emitted from a particular source may have little impact on the immediate geographic area, and the amount of pollutants emitted does not indicate whether the source is complying with applicable regulations.

[New Report Criteria](#) | [About This Report](#)[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

Generated on Wednesday, May 24, 2006
AirData - Monitor Count Report - Criteria Air Pollutants



AirData

[Recent Additions](#) | [Contact Us](#) Search: [GO](#)
[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Ozone

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Ozone: 0.12 ppm (1-hour average), 0.08 ppm (8-hour average)

ppm = parts per million

129 Rows

 See [Disclaimer](#)

	O3 (ppm)																				
	1-Hour Values										8-Hour Values										
Row #	1st Max	2nd Max	3rd Max	4th Max	# Exceed-Actual	# Exceed-Estimated	Required Days	# Days	% Days	Missing Days	1st Max	2nd Max	3rd Max	4th Max	Days ≥ Std	Required Days	# Days	% Days	Year	Site Address	
SORT	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
1	0.119	0.108	0.098	0.095	0	0.0	214	212	99	2	0.110	0.100	0.091	0.079	3	214	211	99	2003	Takoma Sc. Piney Branch Rd & Dahlia St N	
2	0.115	0.112	0.102	0.099	0	0.0	214	207	97	1	0.107	0.104	0.083	0.082	2	214	205	96	2003	34th. And Dix Streets, N.E.	
3	0.118	0.110	0.103	0.094	0	0.0	214	207	97	0	0.112	0.101	0.097	0.081	3	214	199	93	2003	S.E. End Mcmillian Reservoir, Wash. Dc.	
4	0.104	0.098	0.092	0.091	0	0.0	214	214	100	0	0.093	0.090	0.083	0.080	2	214	214	100	2004	Takoma Sc. Piney Branch Rd & Dahlia St N	
5	0.093	0.091	0.085	0.082	0	0.0	214	214	100	0	0.083	0.080	0.071	0.070	0	214	212	99	2004	34th. And Dix Streets, N.E.	
6	0.113	0.100	0.098	0.094	0	0.0	214	213	100	1	0.101	0.092	0.091	0.081	3	214	213	100	2004	S.E. End Mcmillian Reservoir, Wash. Dc.	
7	0.105	0.101	0.097	0.094	0	0.0	214	207	97	2	0.087	0.084	0.082	0.077	1	214	207	97	2005	Takoma Sc. Piney Branch Rd & Dahlia St N	
8	0.105	0.099	0.099	0.098	0	0.0	214	212	99	2	0.089	0.082	0.082	0.081	1	214	212	99	2005	34th. And Dix Streets, N.E.	
9	0.109	0.108	0.103	0.101	0	0.0	214	213	100	1	0.093	0.088	0.087	0.086	5	214	212	99	2005	S.E. End Mcmillian	

																				Reservoir, Wash. Dc.
10	0.142	0.132	0.103	0.102	2	2.1	214	205	96	1	0.122	0.122	0.096	0.088	5	214	205	96	2003	Queen Anne And Wayson Roads
11	0.128	0.118	0.106	0.104	1	1.0	214	208	97	1	0.117	0.115	0.096	0.084	3	214	208	97	2003	9001 'Y'Street,Ft.Meade,Anne Arundel Md
12	0.126	0.109	0.095	0.094	1	1.0	214	214	100	0	0.109	0.103	0.092	0.081	3	214	213	100	2003	Woodward & Franklin Rds Essex Md
13	0.103	0.099	0.095	0.088	0	0.0	214	213	100	1	0.098	0.089	0.083	0.081	2	214	213	100	2003	1300 W. Old Liberty Road, Winfield,Md
14	0.133	0.119	0.119	0.106	1	1.0	214	203	95	1	0.121	0.108	0.106	0.093	6	214	202	94	2003	So Md Correctional - Camp Hughesville M
15	0.153	0.119	0.115	0.105	1	1.0	214	212	99	1	0.130	0.113	0.091	0.089	7	214	211	99	2003	Edgewood Army Chem Center Edgewood Md
16	0.129	0.119	0.105	0.098	1	1.0	214	214	100	0	0.109	0.108	0.092	0.086	4	214	214	100	2003	Kent County Millington
17	0.123	0.120	0.101	0.100	0	0.0	214	202	94	0	0.112	0.106	0.089	0.083	3	214	202	94	2003	Goddard Space Flight Center
18	0.074	0.064	0.060	0.060	0	0.0	63	61	97	0	0.068	0.059	0.054	0.054	0	63	61	97	2003	299 Ponca Street
19	0.110	0.100	0.088	0.087	0	0.0	214	214	100	0	0.101	0.090	0.085	0.078	3	214	214	100	2003	18701 Roxbury Rd,Hagerstown,Marylan
20	0.141	0.137	0.119	0.113	2	2.0	214	210	98	2	0.125	0.124	0.099	0.097	4	214	208	97	2003	Prince Georges Equestrian Center
21	0.125	0.113	0.102	0.088	1	1.1	214	200	93	2	0.115	0.100	0.094	0.078	3	214	198	93	2003	Lothrop E Smith Env.Ed Center Rockville
22	0.125	0.118	0.101	0.098	1	1.0	214	214	100	0	0.112	0.105	0.089	0.085	4	214	212	99	2003	3538 Aldino Road,Harford County Maryland
23	0.118	0.105	0.095	0.089	0	0.0	214	214	100	0	0.110	0.097	0.090	0.077	3	214	214	100	2003	Frederick Municipal Airport
24	0.123	0.117	0.114	0.108	0	0.0	214	206	96	1	0.116	0.108	0.097	0.089	6	214	206	96	2003	Rte.273 Fair Hill Ceil Co Maryland
25	0.110	0.103	0.094	0.091	0	0.0	214	214	100	0	0.104	0.099	0.080	0.076	2	214	214	100	2003	Greenside Drive Cockeysville Md
26	0.109	0.101	0.099	0.096	0	0.0	214	203	95	1	0.102	0.091	0.089	0.088	4	214	203	95	2004	Queen Anne And Wayson Roads
27	0.099	0.095	0.093	0.093	0	0.0	214	214	100	0	0.085	0.084	0.081	0.077	1	214	213	100	2004	Greenside Drive Cockeysville Md
28	0.117	0.101	0.100	0.097	0	0.0	214	213	100	1	0.103	0.088	0.081	0.080	2	214	213	100	2004	Woodward & Franklin Rds Essex Md
29	0.094	0.092	0.088	0.087	0	0.0	214	214	100	0	0.085	0.082	0.082	0.077	1	214	214	100	2004	18701 Roxbury Rd,Hagerstown,Marylan

30	0.119	0.118	0.118	0.103	0	0.0	214	213	100	1	0.100	0.093	0.087	0.086	5	214	212	99	2004	Prince Georges Equestrian Center
31	0.108	0.097	0.091	0.090	0	0.0	214	213	100	1	0.094	0.086	0.084	0.080	2	214	213	100	2004	Lothrop E Smith Env.Ed Center Rockville
32	0.110	0.098	0.098	0.087	0	0.0	214	214	100	0	0.094	0.084	0.082	0.078	1	214	214	100	2004	Kent County Millington
33	0.117	0.108	0.104	0.101	0	0.0	214	213	100	1	0.101	0.092	0.088	0.082	3	214	211	99	2004	3538 Aldino Road,Harford County Maryland
34	0.126	0.111	0.103	0.103	1	1.0	214	212	99	0	0.101	0.097	0.089	0.087	6	214	212	99	2004	Edgewood Army Chem Center Edgewood Md
35	0.108	0.102	0.095	0.094	0	0.0	214	202	94	0	0.095	0.084	0.079	0.077	1	214	202	94	2004	Frederick Municipal Airport
36	0.104	0.098	0.095	0.092	0	0.0	214	205	96	0	0.097	0.084	0.083	0.083	1	214	204	95	2004	So Md Correctional - Camp Hughesville M
37	0.120	0.099	0.098	0.097	0	0.0	214	205	96	0	0.098	0.087	0.085	0.083	3	214	204	95	2004	Rte.273 Fair Hill Ceil Co Maryland
38	0.115	0.093	0.091	0.088	0	0.0	214	205	96	3	0.097	0.083	0.079	0.079	1	214	204	95	2004	1300 W. Old Liberty Road, Winfield,Md
39	0.121	0.098	0.098	0.095	0	0.0	214	212	99	0	0.107	0.090	0.088	0.087	5	214	212	99	2004	9001 'Y'Street,Ft.Meade,Anne Arundel Md
40	0.114	0.112	0.112	0.110	0	0.0	214	208	97	1	0.094	0.094	0.091	0.091	9	214	207	97	2005	Queen Anne And Wayson Roads
41	0.112	0.101	0.098	0.096	0	0.0	214	193	90	1	0.092	0.086	0.082	0.082	2	214	191	89	2005	350 Stafford Road Barstow, Maryland
42	0.094	0.092	0.090	0.088	0	0.0	214	213	100	1	0.091	0.086	0.080	0.079	2	214	213	100	2005	18701 Roxbury Rd,Hagerstown,Marylan
43	0.119	0.113	0.112	0.111	0	0.0	214	213	100	0	0.097	0.094	0.093	0.092	5	214	213	100	2005	Prince Georges Equestrian Center
44	0.115	0.108	0.102	0.101	0	0.0	184	121	66	2	0.094	0.088	0.086	0.085	4	184	115	63	2005	12003 Old Baltimore Pike, Beltsville, Ma
45	0.115	0.100	0.099	0.098	0	0.0	214	190	89	0	0.100	0.087	0.085	0.083	3	214	189	88	2005	Lothrop E Smith Env.Ed Center Rockville
46	0.115	0.111	0.103	0.103	0	0.0	214	211	99	0	0.094	0.091	0.086	0.084	3	214	211	99	2005	Kent County Millington
47	0.134	0.121	0.112	0.108	1	1.0	214	213	100	0	0.107	0.095	0.094	0.092	10	214	213	100	2005	3538 Aldino Road,Harford County Maryland
48	0.133	0.130	0.122	0.119	2	2.0	214	211	99	3	0.109	0.108	0.103	0.099	11	214	210	98	2005	Edgewood Army Chem Center Edgewood Md
49	0.096	0.095	0.092	0.090	0	0.0	214	204	95	0	0.086	0.084	0.083	0.080	1	214	202	94	2005	Frederick Municipal Airport

50	0.116	0.104	0.103	0.101	0	0.0	214	212	99	2	0.097	0.094	0.092	0.089	6	214	211	99	2005	So Md Correctional - Camp Hughesville M
51	0.150	0.138	0.113	0.108	2	2.0	214	211	99	1	0.111	0.097	0.096	0.095	9	214	210	98	2005	Rte.273 Fair Hill Ceil Co Maryland
52	0.111	0.106	0.104	0.103	0	0.0	214	212	99	2	0.091	0.090	0.090	0.087	5	214	211	99	2005	1300 W. Old Liberty Road, Winfield,Md
53	0.136	0.109	0.104	0.101	1	1.0	214	212	99	2	0.113	0.097	0.092	0.088	6	214	209	98	2005	Woodward & Franklin Rds Essex Md
54	0.114	0.106	0.100	0.093	0	0.0	214	208	97	0	0.090	0.089	0.084	0.078	2	214	208	97	2005	Greenside Drive Cockeysville Md
55	0.126	0.118	0.101	0.099	1	1.0	214	206	96	2	0.115	0.106	0.092	0.087	4	214	205	96	2003	S 18th And Hayes St
56	0.118	0.113	0.100	0.093	0	0.0	214	208	97	1	0.107	0.101	0.089	0.081	3	214	206	96	2003	U.S. Geodetic Survey, Off Rt.2, Corbin
57	0.140	0.124	0.103	0.102	1	1.0	214	203	95	1	0.099	0.094	0.080	0.079	2	214	198	93	2003	Shirley Plantation, Route 5
58	0.103	0.102	0.097	0.092	0	0.0	214	212	99	0	0.097	0.092	0.087	0.079	3	214	209	98	2003	Tidewater Research Station, Hare Road
59	0.125	0.102	0.099	0.098	1	1.0	214	208	97	0	0.110	0.094	0.087	0.083	3	214	207	97	2003	Tidewater Comm. College, Frederic Campus
60	0.136	0.102	0.096	0.091	1	1.0	214	210	98	1	0.112	0.096	0.084	0.083	2	214	209	98	2003	700 Shell Road
61	0.120	0.119	0.104	0.096	0	0.0	214	214	100	0	0.107	0.096	0.095	0.083	3	214	214	100	2003	517 N Saint Asaph St, Alexandria Health
62	0.102	0.092	0.089	0.085	0	0.0	214	210	98	1	0.095	0.089	0.083	0.081	2	214	209	98	2003	16-B Rural Retreat Sewage Disposal
63	0.118	0.107	0.097	0.094	0	0.0	214	209	98	1	0.109	0.099	0.089	0.085	4	214	208	97	2003	Widewater Elem. Sch., Den Rich Road
64	0.088	0.085	0.083	0.082	0	0.0	214	213	100	1	0.083	0.079	0.075	0.075	0	214	213	100	2003	21-C,Glenwood-Pedlar District Ranger Sta
65	0.116	0.104	0.092	0.091	0	0.0	214	194	91	5	0.105	0.100	0.091	0.086	6	214	189	88	2003	Shenandoah Np Big Meadows
66	0.122	0.101	0.099	0.095	0	0.0	214	213	100	1	0.116	0.095	0.093	0.083	3	214	213	100	2003	38-I, Broad Run High School, Ashburn
67	0.111	0.103	0.097	0.097	0	0.0	214	205	96	1	0.100	0.091	0.086	0.083	3	214	205	96	2003	2401 Hartman Street Math & Science Ctr
68	0.118	0.115	0.111	0.104	0	0.0	214	202	94	1	0.099	0.098	0.090	0.086	4	214	202	94	2003	7345 Mcclellan Rd Mechanicsville Va
69	0.103	0.090	0.089	0.087	0	0.0	214	214	100	0	0.094	0.083	0.081	0.079	1	214	213	100	2003	Rte 669, Butler Manuf. Co Near Rest Va
70	0.106	0.089	0.087	0.081	0	0.0	214	210	98	4	0.097	0.083	0.076	0.076	1	214	207	97	2003	Rt651 C Phelps Wildlife Management Area
71	0.118	0.105	0.091	0.089	0	0.0	214	204	95	1	0.112	0.095	0.089	0.075	3	214	202	94	2003	Lewinsville 1437 Balls

																				Hill Rd
72	0.130	0.112	0.102	0.095	1	1.0	214	213	100	1	0.119	0.105	0.094	0.083	3	214	212	99	2003	6507 Columbia Pike
73	0.137	0.113	0.112	0.106	1	1.0	214	205	96	1	0.123	0.105	0.099	0.089	5	214	205	96	2003	Sta. 46-B9, Lee Park, Telegraph Road
74	0.109	0.085	0.084	0.083	0	0.0	214	213	100	1	0.091	0.080	0.077	0.077	1	214	213	100	2003	East Vinton Elementary School
75	0.115	0.105	0.095	0.093	0	0.0	214	213	100	1	0.109	0.092	0.088	0.086	4	214	213	100	2003	James S. Long Park
76	0.111	0.097	0.096	0.090	0	0.0	214	214	100	0	0.104	0.091	0.085	0.083	3	214	214	100	2003	Luray Caverns Airport, Route 647
77	0.132	0.127	0.110	0.106	2	2.0	214	210	98	0	0.120	0.103	0.095	0.091	5	214	209	98	2003	Mt.Vernon 2675 Sherwood Hall Lane
78	0.108	0.094	0.093	0.089	0	0.0	214	210	98	0	0.103	0.087	0.083	0.083	2	214	210	98	2003	Cub Run Lee Rd Chant. (Cubrun Treat Plant
79	0.123	0.113	0.102	0.097	0	0.0	214	202	94	1	0.104	0.098	0.085	0.079	3	214	202	94	2003	Beach,Intersection Of Co.Roads 655 & 654
80	0.111	0.109	0.107	0.100	0	0.0	214	213	100	1	0.101	0.097	0.095	0.087	4	214	213	100	2004	S 18th And Hayes St
81	0.110	0.099	0.090	0.088	0	0.0	214	214	100	0	0.091	0.082	0.078	0.077	1	214	214	100	2004	Shirley Plantation, Route 5
82	0.091	0.090	0.085	0.083	0	0.0	214	213	100	1	0.078	0.077	0.075	0.075	0	214	213	100	2004	Beach,Intersection Of Co.Roads 655 & 654
83	0.099	0.096	0.093	0.092	0	0.0	214	214	100	0	0.086	0.077	0.077	0.075	1	214	213	100	2004	U.S. Geodetic Survey, Off Rt.2, Corbin
84	0.117	0.100	0.096	0.090	0	0.0	214	214	100	0	0.105	0.087	0.087	0.079	3	214	214	100	2004	Cub Run Lee Rd Chant. (Cubrun Treat Plant
85	0.077	0.075	0.073	0.073	0	0.0	214	207	97	0	0.073	0.069	0.068	0.066	0	214	205	96	2004	21-C,Glenwood-Pedlar District Ranger Sta
86	0.091	0.082	0.079	0.079	0	0.0	214	213	100	1	0.078	0.074	0.072	0.071	0	214	213	100	2004	East Vinton Elementary School
87	0.113	0.090	0.087	0.087	0	0.0	214	209	98	1	0.097	0.079	0.077	0.077	1	214	208	97	2004	James S. Long Park
88	0.090	0.089	0.078	0.077	0	0.0	214	214	100	0	0.079	0.074	0.073	0.070	0	214	214	100	2004	Luray Caverns Airport, Route 647
89	0.094	0.083	0.080	0.079	0	0.0	214	200	93	6	0.087	0.077	0.076	0.075	1	214	195	91	2004	Shenandoah Np Big Meadows
90	0.126	0.103	0.092	0.088	1	1.0	214	204	95	0	0.107	0.089	0.080	0.080	2	214	204	95	2004	38-I, Broad Run High School, Ashburn
91	0.094	0.092	0.090	0.089	0	0.0	214	214	100	0	0.076	0.075	0.075	0.074	0	214	214	100	2004	2401 Hartman Street Math & Science Ctr
92	0.104	0.097	0.095	0.091	0	0.0	214	212	99	2	0.079	0.079	0.078	0.078	0	214	212	99	2004	7345 McClellan Rd Mechanicsville Va
93	0.096	0.087	0.078	0.076	0	0.0	214	214	100	0	0.089	0.074	0.070	0.066	1	214	214	100	2004	Rte 669, Butler Manuf. Co Near Rest Va

94	0.086	0.085	0.084	0.083	0	0.0	214	214	100	0	0.081	0.076	0.075	0.075	0	214	213	100	2004	Tidewater Research Station, Hare Road
95	0.107	0.085	0.085	0.084	0	0.0	214	214	100	0	0.099	0.076	0.075	0.074	1	214	213	100	2004	Tidewater Comm. College, Frederic Campus
96	0.094	0.090	0.086	0.086	0	0.0	214	211	99	0	0.085	0.078	0.077	0.074	1	214	211	99	2004	700 Shell Road
97	0.135	0.106	0.098	0.097	1	1.0	214	207	97	2	0.109	0.093	0.092	0.080	3	214	205	96	2004	517 N Saint Asaph St, Alexandria Health
98	0.085	0.078	0.075	0.073	0	0.0	214	207	97	0	0.080	0.070	0.069	0.069	0	214	207	97	2004	16-B Rural Retreat Sewage Disposal
99	0.114	0.105	0.090	0.082	0	0.0	214	214	100	0	0.098	0.090	0.081	0.073	2	214	212	99	2004	Widewater Elem. Sch., Den Rich Road
100	0.099	0.092	0.080	0.078	0	0.0	214	209	98	0	0.091	0.088	0.071	0.071	2	214	209	98	2004	Rt651 C Phelps Wildlife Management Area
101	0.129	0.103	0.095	0.094	1	1.0	214	213	100	1	0.109	0.094	0.086	0.084	3	214	213	100	2004	Lewinsville 1437 Balls Hill Rd
102	0.110	0.107	0.104	0.102	0	0.0	214	212	99	2	0.098	0.095	0.091	0.091	4	214	212	99	2004	6507 Columbia Pike
103	0.138	0.105	0.105	0.104	1	1.0	214	214	100	0	0.121	0.096	0.094	0.092	5	214	213	100	2004	Sta. 46-B9, Lee Park, Telegraph Road
104	0.140	0.115	0.112	0.106	1	1.0	214	214	100	0	0.123	0.099	0.097	0.093	6	214	214	100	2004	Mt.Vernon 2675 Sherwood Hall Lane
105	0.114	0.106	0.102	0.102	0	0.0	214	210	98	4	0.094	0.090	0.090	0.088	5	214	211	99	2005	S 18th And Hayes St
106	0.109	0.107	0.105	0.095	0	0.0	214	199	93	2	0.093	0.090	0.083	0.082	2	214	197	92	2005	U.S. Geodetic Survey, Off Rt.2, Corbin
107	0.113	0.106	0.095	0.095	0	0.0	214	214	100	0	0.105	0.084	0.082	0.078	1	214	212	99	2005	Beach,Intersection Of Co.Roads 655 & 654
108	0.086	0.083	0.082	0.081	0	0.0	214	214	100	0	0.076	0.075	0.074	0.074	0	214	214	100	2005	21-C,Glenwood-Pedlar District Ranger Sta
109	0.089	0.087	0.086	0.085	0	0.0	214	211	99	3	0.079	0.078	0.077	0.076	0	214	211	99	2005	East Vinton Elementary School
110	0.089	0.087	0.086	0.084	0	0.0	214	198	93	2	0.074	0.074	0.074	0.074	0	214	197	92	2005	James S. Long Park
111	0.087	0.085	0.084	0.081	0	0.0	214	205	96	2	0.079	0.078	0.078	0.077	0	214	203	95	2005	Luray Caverns Airport, Route 647
112	0.086	0.084	0.084	0.084	0	0.0	214	186	87	3	0.081	0.081	0.080	0.080	0	214	183	86	2005	Shenandoah Np Big Meadows
113	0.094	0.094	0.089	0.085	0	0.0	214	88	41	2	0.082	0.079	0.079	0.077	0	214	88	41	2005	38-I, Broad Run High School, Ashburn
114	0.111	0.106	0.104	0.097	0	0.0	214	210	98	3	0.095	0.089	0.087	0.084	3	214	210	98	2005	2401 Hartman Street Math & Science Ctr
115	0.105	0.100	0.099	0.099	0	0.0	214	213	100	1	0.093	0.089	0.083	0.083	2	214	213	100	2005	7345 Mcclellan Rd Mechanicsville Va

116	0.092	0.086	0.086	0.085	0	0.0	214	214	100	0	0.081	0.080	0.077	0.075	0	214	211	99	2005	Rte 669, Butler Manuf. Co Near Rest Va
117	0.091	0.090	0.089	0.085	0	0.0	214	214	100	0	0.082	0.079	0.079	0.078	0	214	213	100	2005	Tidewater Research Station, Hare Road
118	0.098	0.094	0.093	0.091	0	0.0	214	214	100	0	0.086	0.080	0.080	0.077	1	214	214	100	2005	Tidewater Comm. College, Frederic Campus
119	0.095	0.092	0.089	0.087	0	0.0	214	214	100	0	0.081	0.078	0.078	0.078	0	214	213	100	2005	700 Shell Road
120	0.107	0.104	0.103	0.098	0	0.0	214	208	97	2	0.089	0.086	0.081	0.081	2	214	207	97	2005	517 N Saint Asaph St, Alexandria Health
121	0.087	0.083	0.080	0.080	0	0.0	214	210	98	0	0.084	0.078	0.078	0.075	0	214	209	98	2005	16-B Rural Retreat Sewage Disposal
122	0.099	0.097	0.096	0.092	0	0.0	214	214	100	0	0.084	0.083	0.081	0.079	0	214	211	99	2005	Widewater Elem. Sch., Den Rich Road
123	0.085	0.082	0.080	0.078	0	0.0	214	213	100	1	0.075	0.074	0.073	0.073	0	214	212	99	2005	Rt651 C Phelps Wildlife Management Area
124	0.122	0.099	0.097	0.097	0	0.0	214	214	100	0	0.093	0.093	0.081	0.080	2	214	214	100	2005	Lewinsville 1437 Balls Hill Rd
125	0.116	0.107	0.103	0.102	0	0.0	214	214	100	0	0.097	0.093	0.089	0.085	4	214	214	100	2005	6507 Columbia Pike
126	0.111	0.109	0.104	0.103	0	0.0	214	178	83	2	0.095	0.092	0.088	0.088	6	214	177	83	2005	Sta. 46-B9, Lee Park, Telegraph Road
127	0.115	0.105	0.104	0.102	0	0.0	214	209	98	0	0.094	0.093	0.092	0.091	8	214	209	98	2005	Mt.Vernon 2675 Sherwood Hall Lane
128	0.107	0.097	0.096	0.091	0	0.0	214	212	99	0	0.084	0.077	0.076	0.076	0	214	212	99	2005	Cub Run Lee Rd Chant. (Cubrun Treat Plant
129	0.116	0.107	0.106	0.100	0	0.0	214	210	98	4	0.095	0.091	0.085	0.083	3	214	209	98	2005	Shirley Plantation, Route 5
Grand Total						19.2									139				2003	
						6.0									82				2004	
						6.0									124				2005	

Page 1 of 1

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

Comma

Tab

[About exporting](#)

Disclaimer: AirData reports are produced from a monthly extract of EPA's air pollution database, AQS. Data for this report were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.



AirData

[Recent Additions](#) | [Contact Us](#)Search: [GO](#)[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Locator Map Criteria](#) > Monitor Locator Map

Monitor Locator Map - Criteria Air Pollutants

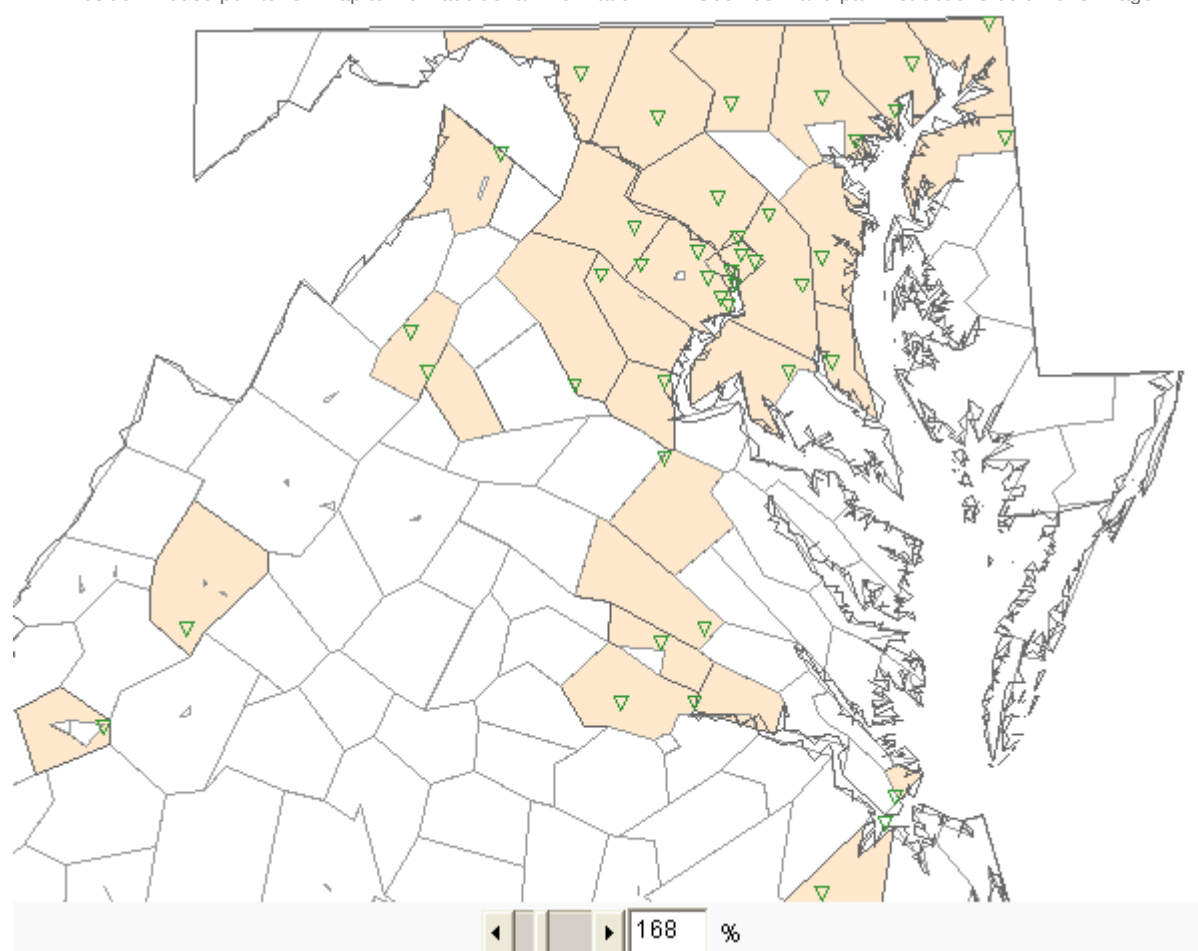
Geographic Area: District of Columbia, Maryland, or Virginia**Pollutant:** Ozone**Monitor Status:** Reported data in 2005

43 Monitors selected

See [Disclaimer](#)

Position mouse pointer on map to view additional information.

See zoom and pan instructions below this image.



To ZOOM: Click slider with mouse, type in zoom percentage number, or use keyboard Shift + arrow keys.
To PAN: Click and drag image with mouse, or use keyboard arrow keys.

[Download Image](#)

CGM

[Go](#)[Download Data](#)

Tab Delimited

[Go](#)[View Data](#)

25 rows per page

[Go](#)

Disclaimer: Monitor information in this map comes from a monthly extract of EPA's Air Quality System (AQS) database. Data for this map were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData maps, charts, or reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the



AirData

[Recent Additions](#) | [Contact Us](#) Search: [GO](#)

[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Lead

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Lead: 1.5 µg/m3 (quarterly mean)

µg/m3 = micrograms per cubic meter

1 Rows

See [Disclaimer](#)

	Pb (µg/m3)													
	24-Hour Values			Quarterly Averages										
Row #	# Obs	1st Max	2nd Max	Qtr 1	Qtr 2	Qtr 3	Qtr 4	# Exceed	Year	Site Address	City	County	State	
SORT														
1	22	0.01	0.01	0.01	0.01			0	2003	Harbor Tunnel Throughway Baltimore Md	Baltimore	Baltimore city	MD	
Grand Total									0	2003				

Page 1 of 1

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

[Comma](#)

[Tab](#)

[About exporting](#)

Disclaimer: AirData reports are produced from a monthly extract of EPA's air pollution database, AQS. Data for this report were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the prevailing air quality of a county or urban area. Pollutants emitted from a particular source may have little impact on the immediate geographic area, and the amount of pollutants emitted does not indicate whether the source is complying with applicable regulations.



AirData

[Recent Additions](#) | [Contact Us](#) Search: [GO](#)
[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Particulate (size < 10 micrometers)

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Particulate (diameter < 10 micrometers): 150 µg/m3 (24-hour average), 50 µg/m3 (annual mean)

µg/m3 = micrograms per cubic meter

72 Rows

See [Disclaimer](#)

	PM10 (µg/m3)													
	24-Hour Values							Annual						
Row #	# Obs	1st Max	2nd Max	3rd Max	4th Max	# Exceed-Actual	# Exceed-Estimated	Mean	# Exceed	Year	Site Address	City	County	State
SORT	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
1	54	56	50	41	39	0	0.0	24	0	2003	34th. And Dix Streets, N.E.		Washington city	DC
2	58	60	55	51	50	0	0.0	27	0	2004	34th. And Dix Streets, N.E.		Washington city	DC
3	60	81	72	67	64	0	0.0	36	0	2005	34th. And Dix Streets, N.E.		Washington city	DC
4	159	39	35	33	31	0	0.0	16	0	2003	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
5	60	78	62	56	47	0	0.0	27	0	2003	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
6	20	43	39	39	36	0	0.0	24	0	2003	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
7	32	91	63	62	56	0	0.0	35	0	2003	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
8	27	45	44	43	37	0	0.0	25	0	2003	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
9	24	43	38	32	29	0	0.0	22	0	2003	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD

10	14	41	32	29	26	0	0.0	17	0	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
11	31	56	25	24	19	0	0.0	15	0	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
12	82	43	41	39	33	0	0.0	19	0	2004	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
13	55	57	57	46	46	0	0.0	26	0	2004	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
14	58	65	59	56	51	0	0.0	28	0	2004	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
15	342	61	56	55	54	0	0.0	23	0	2004	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
16	11	34	28	28	26	0	0.0	21	0	2004	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
17	44	52	49	44	43	0	0.0	22	0	2004	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
18	219	53	52	47	45	0	0.0	21	0	2005	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
19	56	64	57	51	48	0	0.0	27	0	2005	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
20	334	64	59	58	57	0	0.0	24	0	2005	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
21	59	66	60	52	52	0	0.0	28	0	2005	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
22	51	49	48	46	45	0	0.0	23	0	2005	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
23	55	48	33	28	27	0	0.0	15	0	2003	Gladeville Elem School Near Galax		Carroll Co	VA
24	48	64	35	30	29	0	0.0	18	0	2003	Mt.Vernon 2675 Sherwood Hall Lane		Fairfax Co	VA
25	60	63	36	34	32	0	0.0	16	0	2003	Roof Of West Point Elem School	West Point	King William Co	VA
26	58	56	34	31	26	0	0.0	16	0	2003	County Health Department 9301 Lee Avenue	Manassas	Prince William Co	VA
27	60	48	36	32	26	0	0.0	17	0	2003	1000 Shenandoah Avenue	Front Royal	Warren Co	VA
28	53	71	34	25	23	0	0.0	16	0	2003	176-R, Smith Stadium, Rodgers Street	Chesapeake	Chesapeake city	VA
29	61	54	33	33	31	0	0.0	18	0	2003	5 N. Kent St., Winchester Judicial Cente	Winchester	Winchester city	VA
30	61	65	64	63	60	0	0.0	30	0	2003	101 Cherry Hill Circle	Roanoke	Roanoke city	VA
31	60	53	44	32	28	0	0.0	17	0	2003	5324 Distributor Dr.	Richmond	Richmond city	VA

											Monitoring Div Sapc			
32	53	71	31	31	28	0	0.0	17	0	2003	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
33	57	64	35	28	24	0	0.0	15	0	2003	700 Shell Road	Hampton	Hampton city	VA
34	51	55	36	31	28	0	0.0	16	0	2003	Hugh Mercer Elem. School 2100 Cowan Blvd	Fredericksburg	Fredericksburg city	VA
35	59	44	30	28	28	0	0.0	17	0	2003	606 East Market Street	Charlottesville	Charlottesville city	VA
36	60	46	38	38	37	0	0.0	20	0	2003	26-E 4411 Early Road, Deq Office		Rockingham Co	VA
37	37	83	31	27	25	0	0.0	16	0	2003	Terminus Of State Rt. 644, Reedville		Northumberland Co	VA
38	59	61	38	38	35	0	0.0	20	0	2003	6120 Brandon Ave	Springfield	Fairfax Co	VA
39	58	50	33	32	30	0	0.0	16	0	2003	Farmington Elem. School, Sunset Lane	Culpeper	Culpeper Co	VA
40	57	52	33	27	24	0	0.0	15	0	2003	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
41	60	30	29	29	27	0	0.0	14	0	2004	Gladeville Elem School Near Galax		Carroll Co	VA
42	45	52	43	36	35	0	0.0	19	0	2004	6120 Brandon Ave	Springfield	Fairfax Co	VA
43	61	47	39	38	35	0	0.0	18	0	2004	5 N. Kent St., Winchester Judicial Cente	Winchester	Winchester city	VA
44	64	79	70	69	67	0	0.0	29	0	2004	101 Cherry Hill Circle	Roanoke	Roanoke city	VA
45	30	32	31	29	28	0	0.0	17	0	2004	5324 Distributor Dr. Monitoring Div Sapc	Richmond	Richmond city	VA
46	58	34	33	30	30	0	0.0	18	0	2004	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
47	59	47	39	34	32	0	0.0	18	0	2004	Hugh Mercer Elem. School 2100 Cowan Blvd	Fredericksburg	Fredericksburg city	VA
48	60	37	34	33	33	0	0.0	18	0	2004	176-R, Smith Stadium, Rodgers Street	Chesapeake	Chesapeake city	VA
49	56	46	38	34	34	0	0.0	19	0	2004	606 East Market Street	Charlottesville	Charlottesville city	VA
50	60	44	36	32	32	0	0.0	17	0	2004	1000 Shenandoah Avenue	Front Royal	Warren Co	VA
51	43	48	42	40	35	0	0.0	21	0	2004	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
52	16	28	26	25	24	0	0.0	19	0	2004	26-E 4411 Early Road, Deq Office		Rockingham Co	VA
53	59	53	40	39	30	0	0.0	18	0	2004	County Health Department 9301 Lee Avenue	Manassas	Prince William Co	VA
											Roof Of West Point Elem			

54	25	22	21	19	16	0	0.0	13	0	2004	School	West Point	King William Co	VA
55	57	50	44	41	39	0	0.0	21	0	2004	Mt.Vernon 2675 Sherwood Hall Lane		Fairfax Co	VA
56	61	48	38	32	32	0	0.0	16	0	2004	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
57	56	45	38	37	30	0	0.0	17	0	2004	Farmington Elem. School, Sunset Lane	Culpeper	Culpeper Co	VA
58	55	35	33	31	30	0	0.0	17	0	2005	Gladeville Elem School Near Galax		Carroll Co	VA
59	60	39	37	34	32	0	0.0	20	0	2005	5 N. Kent St., Winchester Judicial Cente	Winchester	Winchester city	VA
60	46	41	40	34	33	0	0.0	22	0	2005	5 N. Kent St., Winchester Judicial Cente	Winchester	Winchester city	VA
61	66	67	66	65	56	0	0.0	30	0	2005	101 Cherry Hill Circle	Roanoke	Roanoke city	VA
62	57	47	37	36	35	0	0.0	20	0	2005	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
63	59	39	38	36	36	0	0.0	19	0	2005	Hugh Mercer Elem. School 2100 Cowan Blvd	Fredericksburg	Fredericksburg city	VA
64	59	39	39	37	37	0	0.0	22	0	2005	606 East Market Street	Charlottesville	Charlottesville city	VA
65	59	42	35	31	31	0	0.0	19	0	2005	1000 Shenandoah Avenue	Front Royal	Warren Co	VA
66	61	42	40	34	33	0	0.0	21	0	2005	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
67	52	87	81	74	73	0	0.0	30	0	2005	1256 Brucetown Road		Frederick Co	VA
68	56	49	46	45	40	0	0.0	23	0	2005	Roof Of West Point Elem School	West Point	King William Co	VA
69	54	38	38	33	32	0	0.0	19	0	2005	125 Apple Valley Road		Frederick Co	VA
70	57	39	38	38	36	0	0.0	21	0	2005	Mt.Vernon 2675 Sherwood Hall Lane		Fairfax Co	VA
71	57	48	35	34	34	0	0.0	19	0	2005	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
72	57	41	36	35	33	0	0.0	19	0	2005	Farmington Elem. School, Sunset Lane	Culpeper	Culpeper Co	VA
Grand Total							0.0		0	2003				
							0.0		0	2004				
							0.0		0	2005				

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

Comma

Tab

[About exporting](#)



AirData

[Recent Additions](#) | [Contact Us](#)Search: **GO**[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Locator Map Criteria](#) > Monitor Locator Map

Monitor Locator Map - Criteria Air Pollutants

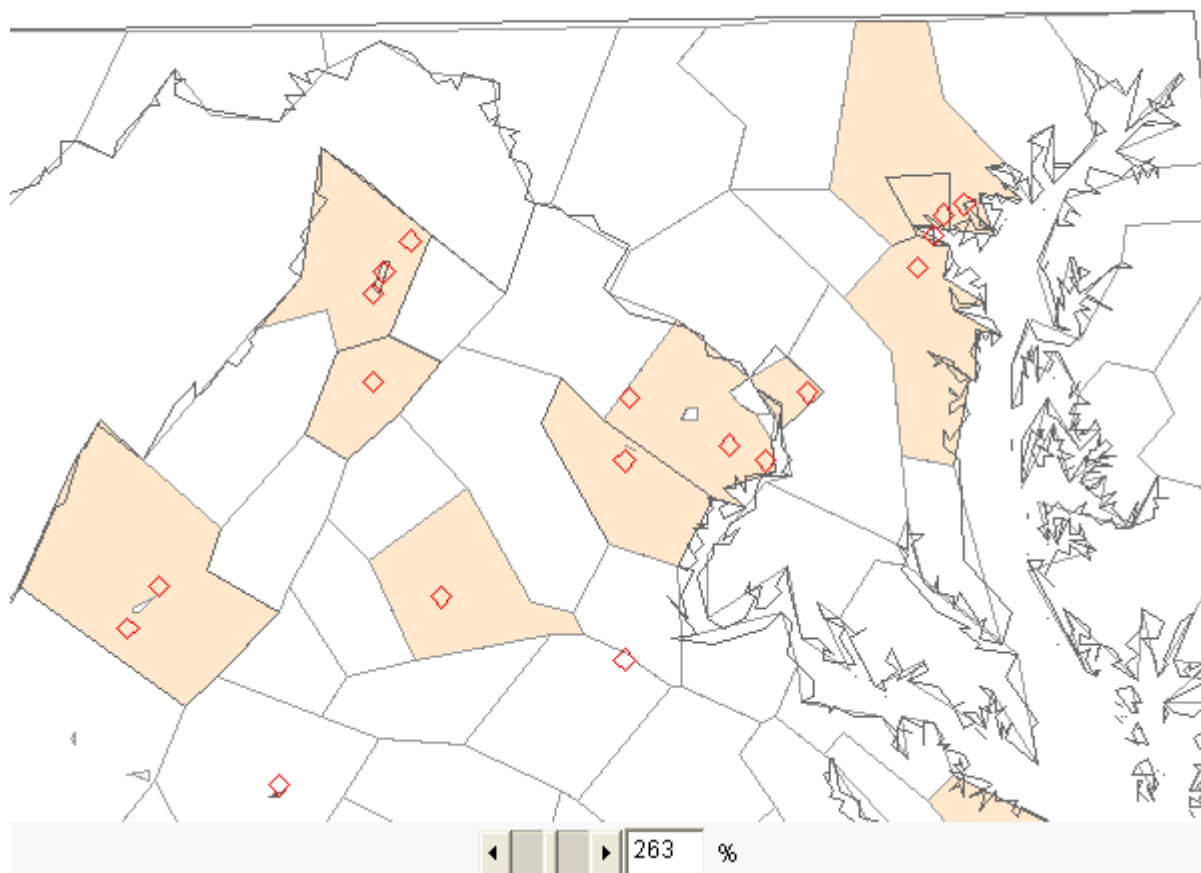
Geographic Area: District of Columbia, Maryland, or Virginia**Pollutant:** Particulate (size < 10 micrometers)**Monitor Status:** Reported data in 2003, 2004, or 2005

32 Monitors selected

See [Disclaimer](#)

Position mouse pointer on map to view additional information.

See zoom and pan instructions below this image.



To ZOOM: Click slider with mouse, type in zoom percentage number, or use keyboard Shift + arrow keys.
To PAN: Click and drag image with mouse, or use keyboard arrow keys.

Download Image

CGM

**Go**

Download Data

Tab Delimited

**Go**

View Data

25 rows per page

**Go**

Disclaimer: Monitor information in this map comes from a monthly extract of EPA's Air Quality System (AQS) database. Data for this map were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData maps, charts, or reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the



AirData

[Recent Additions](#) | [Contact Us](#) Search:

[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Particulate (size < 2.5 micrometers)

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Particulate (diameter < 2.5 micrometers): 65 µg/m3 (24-hour average), 15.0 µg/m3 (annual mean)

µg/m3 = micrograms per cubic meter

132 Rows

 See [Disclaimer](#)

	PM2.5 (µg/m3)														
	24-Hour Values							Annual							
Row #	# Obs	1st Max	2nd Max	3rd Max	4th Max	98th Pct	# Exceed	Mean	# Exceed	Year	Site Address	City	County	State	
SORT	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	
1	51	64	39	34	28	39	0	14.9	0	2003	34th. And Dix Streets, N.E.		Washington city	DC	
2	313	63	62	47	42	39	0	14.8	0	2003	34th. And Dix Streets, N.E.		Washington city	DC	
3	114	61	54	39	33	39	0	13.4	0	2003	Park Services Office 1100 Ohio Drive	Washington	Washington city	DC	
4	23	32	25	21	15	32	0	12.7	0	2003	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC	
5	322	59	45	40	38	35	0	14.3	0	2003	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC	
6	61	42	42	35	34	42	0	14.5	0	2004	34th. And Dix Streets, N.E.		Washington city	DC	
7	337	44	42	41	39	38	0	14.9	0	2004	34th. And Dix Streets, N.E.		Washington city	DC	
8	118	43	42	36	36	36	0	14.5	0	2004	Park Services Office 1100 Ohio Drive	Washington	Washington city	DC	
9	355	42	42	39	37	35	0	14.4	0	2004	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC	

10	68	39	31	30	29	31	0	15.6	1	2005	34th. And Dix Streets, N.E.		Washington city	DC
11	330	43	43	39	38	36	0	14.9	0	2005	34th. And Dix Streets, N.E.		Washington city	DC
12	351	44	43	40	36	34	0	14.6	0	2005	S.E. End Mcmillian Reservoir, Wash. Dc.		Washington city	DC
13	115	38	37	36	33	36	0	15.8	1	2005	Park Services Office 1100 Ohio Drive	Washington	Washington city	DC
14	102	60	36	32	29	32	0	11.3	0	2003	Queen Anne And Wayson Roads		Anne Arundel Co	MD
15	350	66	44	41	40	39	0	15.0	0	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
16	96	69	38	35	29	38	0	12.5	0	2003	Edgewood Army Chem Center Edgewood Md	Edgewood	Harford Co	MD
17	117	53	38	32	31	32	0	11.5	0	2003	Goddard Space Flight Center	Greenbelt	Prince George's Co	MD
18	114	62	43	40	40	40	0	15.4	1	2003	Westport Elementary School	Baltimore	Baltimore city	MD
19	352	62	50	49	47	42	0	16.8	1	2003	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
20	291	63	46	46	46	41	0	16.2	1	2003	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
21	58	62	36	33	31	36	0	16.0	1	2003	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
22	114	38	37	35	35	35	0	14.5	0	2003	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
23	113	59	43	40	37	40	0	15.1	1	2003	N W Police Sta, 5700 Reisterstown Rd	Baltimore	Baltimore city	MD
24	100	40	33	31	30	33	0	13.6	0	2003	N E Police Sta, 1900 Argonne Dr, Balto M	Baltimore	Baltimore city	MD
25	119	44	36	34	33	34	0	13.0	0	2003	18701 Roxbury Rd,Hagerstown,Maryland	Hagerstown	Washington Co	MD
26	103	55	37	32	31	32	0	12.6	0	2003	Prince Georges Equestrian Center		Prince George's Co	MD
27	50	47	24	22	21	47	0	12.0	0	2003	Prince Georges Equestrian Center		Prince George's Co	MD
28	113	53	32	32	31	32	0	11.9	0	2003	Lothrop E Smith Env.Ed Center Rockville	Rockville	Montgomery Co	MD
29	87	68	36	35	33	36	0	12.7	0	2003	Rte.273 Fair Hill Ceil Co. Maryland		Cecil Co	MD
30	118	59	37	35	32	35	0	13.6	0	2003	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
31	119	61	37	36	35	36	0	12.1	0	2003	9001 'Y'Street,Ft.Meade,Anne Arundel Md	Fort Meade (U.S. Army)	Anne Arundel Co	MD
32	55	63	32	31	30	32	0	13.7	0	2003	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
33	111	64	39	37	34	37	0	13.7	0	2003	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD

34	117	61	39	39	38	39	0	14.8	0	2003	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
35	122	42	37	37	29	37	0	12.5	0	2004	Queen Anne And Wayson Roads		Anne Arundel Co	MD
36	111	42	42	38	37	38	0	15.5	1	2004	Westport Elementary School	Baltimore	Baltimore city	MD
37	117	42	40	37	36	37	0	15.9	1	2004	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
38	109	41	37	34	33	34	0	14.5	0	2004	N W Police Sta, 5700 Reisterstown Rd	Baltimore	Baltimore city	MD
39	115	40	37	35	33	35	0	14.5	0	2004	N E Police Sta, 1900 Argonne Dr, Balto M	Baltimore	Baltimore city	MD
40	117	49	40	39	34	39	0	14.6	0	2004	18701 Roxbury Rd,Hagerstown,Maryland	Hagerstown	Washington Co	MD
41	114	44	42	38	31	38	0	13.3	0	2004	Prince Georges Equestrian Center		Prince George's Co	MD
42	61	42	28	28	28	28	0	12.4	0	2004	Prince Georges Equestrian Center		Prince George's Co	MD
43	49	38	30	30	28	38	0	12.6	0	2004	12003 Old Baltimore Pike, Beltsville, Ma	Beltsville	Prince George's Co	MD
44	27	17	15	14	14	17	0	9.8	0	2004	Goddard Space Flight Center	Greenbelt	Prince George's Co	MD
45	117	41	34	32	29	32	0	12.6	0	2004	Lothrop E Smith Env.Ed Center Rockville	Rockville	Montgomery Co	MD
46	115	37	34	30	29	30	0	12.9	0	2004	Edgewood Army Chem Center Edgewood Md	Edgewood	Harford Co	MD
47	343	46	44	43	42	41	0	16.5	1	2004	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
48	336	45	43	42	41	39	0	16.0	1	2004	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
49	61	43	38	36	34	38	0	15.7	1	2004	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
50	110	34	31	30	29	30	0	13.3	0	2004	Rte.273 Fair Hill Ceil Co. Maryland		Cecil Co	MD
51	344	44	41	40	40	36	0	15.2	1	2004	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
52	117	39	36	33	32	33	0	13.7	0	2004	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
53	114	43	41	35	33	35	0	14.5	0	2004	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
54	108	41	35	35	30	35	0	13.2	0	2004	9001 'Y'Street,Ft.Meade,Anne Arundel Md	Fort Meade (U.S. Army)	Anne Arundel Co	MD
55	40	42	35	33	31	42	0	14.9	0	2004	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
56	111	43	38	37	33	37	0	15.3	1	2004	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
57	111	36	34	31	29	31	0	12.0	0	2005	Queen Anne And Wayson Roads		Anne Arundel Co	MD

58	108	42	42	37	36	37	0	16.1	1	2005	Westport Elementary School	Baltimore	Baltimore city	MD
59	65	44	42	36	34	42	0	16.8	1	2005	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
60	113	43	42	39	38	39	0	17.2	1	2005	S E Police Sta 5700 Eastern Ave Baltim	Baltimore	Baltimore city	MD
61	114	42	36	36	35	36	0	15.4	1	2005	N W Police Sta, 5700 Reisterstown Rd	Baltimore	Baltimore city	MD
62	114	43	37	33	33	33	0	15.0	0	2005	N E Police Sta, 1900 Argonne Dr, Balto M	Baltimore	Baltimore city	MD
63	106	38	34	33	32	33	0	14.9	0	2005	18701 Roxbury Rd,Hagerstown,Maryland	Hagerstown	Washington Co	MD
64	108	37	37	31	31	31	0	13.8	0	2005	Prince Georges Equestrian Center		Prince George's Co	MD
65	60	37	32	26	26	32	0	13.3	0	2005	Prince Georges Equestrian Center		Prince George's Co	MD
66	107	38	36	32	31	32	0	13.4	0	2005	12003 Old Baltimore Pike, Beltsville, Ma	Beltsville	Prince George's Co	MD
67	120	38	35	32	31	32	0	13.6	0	2005	Lothrop E Smith Env.Ed Center Rockville	Rockville	Montgomery Co	MD
68	326	50	49	44	44	40	0	16.5	1	2005	Old Town Fire Dept St 34 Baltimore Md	Baltimore	Baltimore city	MD
69	286	50	49	46	43	38	0	16.3	1	2005	1900 E Patapsco Ave Baltimore	Baltimore	Baltimore city	MD
70	109	40	39	36	36	36	0	15.7	1	2005	Anne Arundel Co. Public Works Bldg.	Glen Burnie	Anne Arundel Co	MD
71	46	39	36	35	33	39	0	14.7	0	2005	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
72	332	46	46	46	43	36	0	15.1	1	2005	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
73	111	39	36	35	33	35	0	13.5	0	2005	Edgewood Army Chem Center Edgewood Md	Edgewood	Harford Co	MD
74	118	36	33	32	31	32	0	13.7	0	2005	Rte.273 Fair Hill Ceil Co. Maryland		Cecil Co	MD
75	112	42	35	34	33	34	0	14.9	0	2005	Greenside Drive Cockeysville Md	Cockeysville	Baltimore Co	MD
76	112	40	40	36	34	36	0	15.4	1	2005	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
77	120	54	40	39	33	39	0	14.1	0	2003	S 18th And Hayes St		Arlington Co	VA
78	116	43	38	38	32	38	0	13.6	0	2003	6700 Strathmore Road, Roof Of Armory		Chesterfield Co	VA
79	347	55	39	36	34	33	0	13.2	0	2003	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
80	106	39	35	33	30	33	0	13.6	0	2003	Lewinsville 1437 Balls Hill Rd	McLean	Fairfax Co	VA
81	116	44	34	32	30	32	0	12.8	0	2003	4949-A Cox Road, Glen Allen		Henrico Co	VA
82	115	41	35	34	33	34	0	12.4	0	2003	Luray Caverns Airport, Route 647		Page Co	VA
											176-R, Smith Stadium, Rodgers		Chesapeake	

83	347	60	47	36	35	32	0	12.3	0	2003	Street	Chesapeake	city	VA
84	123	62	33	33	32	33	0	12.8	0	2003	5636 Southern Boulevard	Virginia Beach	Virginia Beach city	VA
85	116	41	34	32	31	32	0	13.8	0	2003	Market Street Fire Station	Salem	Salem city	VA
86	119	41	33	32	31	32	0	13.5	0	2003	Raleigh Court Library, Grandin Road	Roanoke	Roanoke city	VA
87	348	44	43	40	38	33	0	13.8	0	2003	5324 Distributor Dr. Monitoring Div Sapc	Richmond	Richmond city	VA
88	119	60	33	32	31	32	0	12.8	0	2003	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
89	114	58	33	31	31	31	0	11.8	0	2003	Pump Station 103	Newport News	Newport News city	VA
90	86	40	35	30	29	35	0	13.5	0	2003	Leesville Road And Greystone Drive	Lynchburg	Lynchburg city	VA
91	10	28	17	11	8	28	0	9.5	0	2003	Harvard Street And Wards Ferry Road	Lynchburg	Lynchburg city	VA
92	118	57	34	33	32	33	0	12.4	0	2003	700 Shell Road	Hampton	Hampton city	VA
93	115	54	31	30	28	30	0	13.8	0	2003	Eads Street	Bristol	Bristol city	VA
94	120	53	36	35	33	35	0	13.1	0	2003	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
95	105	43	37	36	35	36	0	14.0	0	2003	2401 Hartman Street Math & Science Ctr		Henrico Co	VA
96	110	54	39	37	36	37	0	13.2	0	2003	6507 Columbia Pike	Annandale	Fairfax Co	VA
97	113	44	38	36	30	36	0	12.4	0	2003	Shirley Plantation, Route 5		Charles City Co	VA
98	117	44	43	36	34	36	0	14.5	0	2004	S 18th And Hayes St		Arlington Co	VA
99	119	36	30	30	29	30	0	13.2	0	2004	6700 Strathmore Road, Roof Of Armory		Chesterfield Co	VA
100	120	42	40	34	33	34	0	13.7	0	2004	6507 Columbia Pike	Annandale	Fairfax Co	VA
101	344	41	36	33	31	28	0	12.4	0	2004	5636 Southern Boulevard	Virginia Beach	Virginia Beach city	VA
102	118	36	34	33	32	33	0	14.3	0	2004	Market Street Fire Station	Salem	Salem city	VA
103	120	35	33	32	30	32	0	13.5	0	2004	Raleigh Court Library, Grandin Road	Roanoke	Roanoke city	VA
104	228	38	36	33	32	31	0	14.5	0	2004	5324 Distributor Dr. Monitoring Div Sapc	Richmond	Richmond city	VA
105	121	31	30	28	27	28	0	12.7	0	2004	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
106	118	34	34	28	28	28	0	12.1	0	2004	Leesville Road And Greystone Drive	Lynchburg	Lynchburg city	VA
107	111	30	29	28	27	28	0	12.2	0	2004	700 Shell Road	Hampton	Hampton city	VA
108	114	38	33	30	30	30	0	13.9	0	2004	Eads Street	Bristol	Bristol city	VA
109	115	29	27	27	27	27	0	12.1	0	2004	Luray Caverns Airport, Route 647		Page Co	VA

110	116	44	38	34	33	34	0	14.1	0	2004	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
111	111	34	28	28	28	28	0	12.5	0	2004	4949-A Cox Road, Glen Allen		Henrico Co	VA
112	151	35	34	30	30	30	0	13.6	0	2004	2401 Hartman Street Math & Science Ctr		Henrico Co	VA
113	114	45	41	34	33	34	0	14.0	0	2004	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
114	348	44	43	39	38	35	0	13.9	0	2004	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
115	120	37	30	29	29	29	0	12.2	0	2004	Shirley Plantation, Route 5		Charles City Co	VA
116	119	40	37	34	33	34	0	15.3	1	2005	S 18th And Hayes St		Arlington Co	VA
117	345	42	40	38	37	35	0	13.6	0	2005	Sta. 46-B9, Lee Park, Telegraph Road	Franconia	Fairfax Co	VA
118	315	39	35	34	34	30	0	12.6	0	2005	5636 Southern Boulevard	Virginia Beach	Virginia Beach city	VA
119	119	40	39	37	35	37	0	16.0	1	2005	Market Street Fire Station	Salem	Salem city	VA
120	120	39	37	35	32	35	0	15.1	1	2005	Raleigh Court Library, Grandin Road	Roanoke	Roanoke city	VA
121	113	35	32	30	29	30	0	13.5	0	2005	181-A1, Noaa Lot, 2nd St & Woodis Ave.	Norfolk	Norfolk city	VA
122	121	38	36	35	33	35	0	13.4	0	2005	Leesville Road And Greystone Drive	Lynchburg	Lynchburg city	VA
123	114	32	32	27	27	27	0	12.5	0	2005	700 Shell Road	Hampton	Hampton city	VA
124	121	39	31	31	31	31	0	14.3	0	2005	Eads Street	Bristol	Bristol city	VA
125	117	41	38	32	29	32	0	14.0	0	2005	Luray Caverns Airport, Route 647		Page Co	VA
126	114	41	40	38	30	38	0	14.6	0	2005	38-I, Broad Run High School, Ashburn		Loudoun Co	VA
127	107	36	29	29	29	29	0	13.7	0	2005	4949-A Cox Road, Glen Allen		Henrico Co	VA
128	343	40	35	35	34	32	0	13.9	0	2005	2401 Hartman Street Math & Science Ctr		Henrico Co	VA
129	105	39	36	35	31	35	0	14.8	0	2005	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
130	120	37	36	35	34	35	0	14.4	0	2005	6507 Columbia Pike	Annandale	Fairfax Co	VA
131	117	39	31	30	30	30	0	14.0	0	2005	6700 Strathmore Road, Roof Of Armory		Chesterfield Co	VA
132	117	39	34	31	30	31	0	12.9	0	2005	Shirley Plantation, Route 5		Charles City Co	VA
Grand Total							0		5	2003				
							0		7	2004				
							0		14	2005				

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.



AirData

[Recent Additions](#) | [Contact Us](#)Search: [GO](#)[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Locator Map Criteria](#) > Monitor Locator Map

Monitor Locator Map - Criteria Air Pollutants

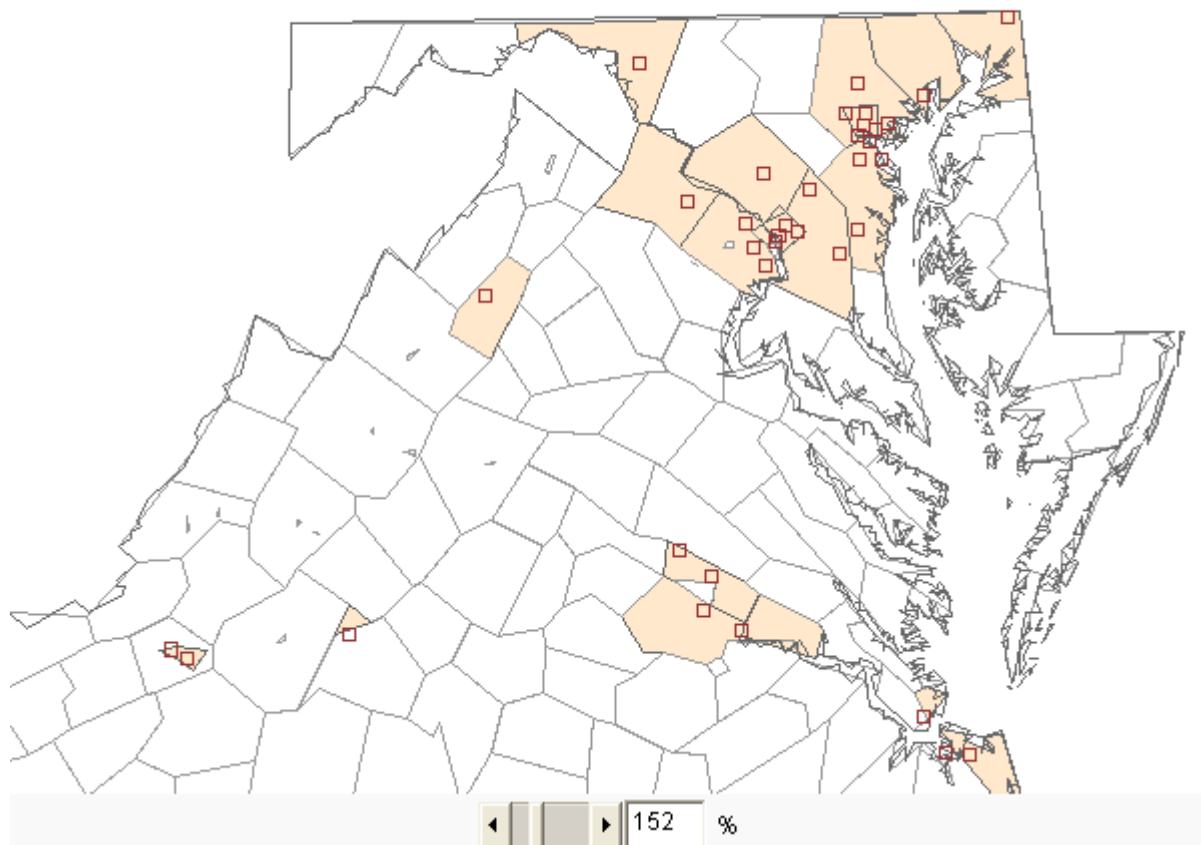
Geographic Area: District of Columbia, Maryland, or Virginia**Pollutant:** Particulate (size < 2.5 micrometers)**Monitor Status:** Reported data in 2005

41 Monitors selected

See [Disclaimer](#)

Position mouse pointer on map to view additional information.

See zoom and pan instructions below this image.



To ZOOM: Click slider with mouse, type in zoom percentage number, or use keyboard Shift + arrow keys.
To PAN: Click and drag image with mouse, or use keyboard arrow keys.

[Download Image](#)

CGM

[Go](#)[Download Data](#)

Tab Delimited

[Go](#)[View Data](#)

25 rows per page

[Go](#)

Disclaimer: Monitor information in this map comes from a monthly extract of EPA's Air Quality System (AQS) database. Data for this map were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData maps, charts, or reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the



AirData

[Recent Additions](#) | [Contact Us](#) Search:

[EPA Home](#) > [Air & Radiation](#) > [AirData](#) > [Reports and Maps](#) > [Select Geography](#) > [Select Report/Map](#) > [Monitor Values Report Criteria](#) > Monitor Values Report

U.S. Environmental Protection Agency

Monitor Values Report - Criteria Air Pollutants

Geographic Area: District Of Columbia, Maryland, Virginia

Pollutant: Sulfur Dioxide

Year: 2003, 2004, 2005

EPA Air Quality Standards:

Sulfur Dioxide: 0.5 ppm (3-hour average), 0.14 ppm (24-hour average), 0.030 ppm (annual mean)

ppm = parts per million

40 Rows

 See [Disclaimer](#)

	SO2 (ppm)															
	1-Hour Values			3-Hour Values			24-Hour Values			Annual						
Row #	# Obs	1st Max	2nd Max	1st Max	2nd Max	# Exceed	1st Max	2nd Max	# Exceed	Mean	# Exceed	Year	Site Address	City	County	State
SORT																
1	8,514	0.079	0.064	0.048	0.048	0	0.043	0.035	0	0.008	0	2003	34th. And Dix Streets, N.E.		Washington city	DC
2	8,671	0.090	0.048	0.047	0.042	0	0.018	0.018	0	0.007	0	2004	34th. And Dix Streets, N.E.		Washington city	DC
3	7,936	0.075	0.060	0.047	0.040	0	0.018	0.015	0	0.004	0	2005	34th. And Dix Streets, N.E.		Washington city	DC
4	4,296	0.125	0.104	0.103	0.069	0	0.030	0.026	0	0.007	0	2003	Elem Sch. Jenkins Rd, Riviera Beach Md	Riviera Beach	Anne Arundel Co	MD
5	4,129	0.121	0.101	0.068	0.057	0	0.023	0.014	0	0.005	0	2003	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
6	8,731	0.084	0.080	0.067	0.057	0	0.020	0.017	0	0.005	0	2004	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
7	8,664	0.133	0.123	0.092	0.084	0	0.020	0.019	0	0.005	0	2005	Woodward & Franklin Rds Essex Md	Essex	Baltimore Co	MD
8	8,404	0.166	0.159	0.110	0.065	0	0.023	0.018	0	0.005	0	2003	Shirley Plantation, Route 5		Charles City Co	VA
9	8,553	0.058	0.047	0.036	0.033	0	0.020	0.020	0	0.006	0	2003	6507 Columbia Pike	Annandale	Fairfax Co	VA
10	8,519	0.114	0.111	0.078	0.074	0	0.027	0.021	0	0.004	0	2003	158-W, Science Museum	Richmond	Richmond city	VA

													Of Va, Dmv & Leigh			
11	8,577	0.093	0.087	0.061	0.059	0	0.018	0.017	0	0.004	0	2003	Norfolk State University	Norfolk	Norfolk city	VA
12	8,525	0.062	0.057	0.040	0.037	0	0.014	0.014	0	0.003	0	2003	700 Shell Road	Hampton	Hampton city	VA
13	8,448	0.165	0.118	0.113	0.071	0	0.024	0.023	0	0.006	0	2003	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
14	8,577	0.028	0.024	0.020	0.017	0	0.011	0.010	0	0.003	0	2003	26-E 4411 Early Road, Deq Office		Rockingham Co	VA
15	8,640	0.024	0.018	0.016	0.015	0	0.013	0.009	0	0.003	0	2003	East Vinton Elementary School	Vinton	Roanoke Co	VA
16	7,774	0.024	0.021	0.015	0.015	0	0.009	0.009	0	0.002	0	2003	Shenandoah Np Big Meadows		Madison Co	VA
17	8,398	0.062	0.056	0.039	0.038	0	0.023	0.022	0	0.005	0	2003	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
18	8,615	0.046	0.045	0.028	0.025	0	0.014	0.013	0	0.003	0	2003	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
19	8,515	0.095	0.092	0.069	0.053	0	0.022	0.018	0	0.004	0	2004	Shirley Plantation, Route 5		Charles City Co	VA
20	8,685	0.052	0.049	0.043	0.039	0	0.025	0.021	0	0.006	0	2004	6507 Columbia Pike	Annandale	Fairfax Co	VA
21	8,473	0.077	0.057	0.059	0.034	0	0.014	0.014	0	0.003	0	2004	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
22	8,722	0.057	0.055	0.042	0.040	0	0.023	0.020	0	0.006	0	2004	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
23	8,667	0.027	0.025	0.022	0.017	0	0.010	0.009	0	0.002	0	2004	East Vinton Elementary School	Vinton	Roanoke Co	VA
24	8,654	0.081	0.076	0.048	0.043	0	0.014	0.014	0	0.004	0	2004	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA
25	8,652	0.134	0.118	0.081	0.067	0	0.021	0.018	0	0.005	0	2004	Norfolk State University	Norfolk	Norfolk city	VA
26	8,656	0.098	0.071	0.048	0.044	0	0.014	0.013	0	0.004	0	2004	700 Shell Road	Hampton	Hampton city	VA
27	8,507	0.124	0.078	0.061	0.054	0	0.021	0.021	0	0.006	0	2004	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
28	6,193	0.016	0.016	0.013	0.012	0	0.009	0.006	0	0.002	0	2004	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
29	2,503	0.018	0.018	0.017	0.015	0	0.007	0.007	0	0.003	0	2004	26-E 4411 Early Road, Deq Office		Rockingham Co	VA
30	6,547	0.031	0.027	0.018	0.015	0	0.011	0.010	0	0.002	0	2004	Shenandoah Np Big Meadows		Madison Co	VA
31	8,580	0.116	0.109	0.065	0.062	0	0.018	0.016	0	0.005	0	2005	Shirley Plantation, Route 5		Charles City Co	VA
32	8,695	0.030	0.029	0.026	0.025	0	0.013	0.012	0	0.003	0	2005	Cub Run Lee Rd Chant. (Cubrun Treat Plant		Fairfax Co	VA
33	8,265	0.102	0.081	0.054	0.048	0	0.017	0.016	0	0.005	0	2005	158-W, Science Museum Of Va, Dmv & Leigh	Richmond	Richmond city	VA

34	8,611	0.075	0.065	0.044	0.038	0	0.015	0.013	0	0.004	0	2005	700 Shell Road	Hampton	Hampton city	VA
35	8,012	0.101	0.096	0.077	0.067	0	0.020	0.019	0	0.005	0	2005	517 N Saint Asaph St, Alexandria Health	Alexandria	Alexandria city	VA
36	8,171	0.022	0.021	0.021	0.016	0	0.010	0.009	0	0.002	0	2005	Vdot Residency Shop, 3536 North Valley P		Rockingham Co	VA
37	7,706	0.027	0.024	0.022	0.021	0	0.013	0.012	0	0.002	0	2005	Shenandoah Np Big Meadows		Madison Co	VA
38	8,503	0.026	0.025	0.022	0.013	0	0.010	0.009	0	0.003	0	2005	East Vinton Elementary School	Vinton	Roanoke Co	VA
39	8,672	0.058	0.045	0.036	0.032	0	0.017	0.017	0	0.006	0	2005	Lewinsville 1437 Balls Hill Rd	Mclean	Fairfax Co	VA
40	8,700	0.086	0.055	0.055	0.041	0	0.021	0.020	0	0.006	0	2005	6507 Columbia Pike	Annandale	Fairfax Co	VA
Grand Total						0			0		0	2003				
						0			0		0	2004				
						0			0		0	2005				

Page 1 of 1

Export this report to a text file

Create comma-delimited or tab-delimited values, compatible with PC spreadsheets and databases.

Comma

Tab

[About exporting](#)

Disclaimer: AirData reports are produced from a monthly extract of EPA's air pollution database, AQS. Data for this report were extracted on April 3, 2006. They represent the best information available to EPA from state agencies on that date. However, some values may be absent due to incomplete reporting, and some values subsequently may be changed due to quality assurance activities. The AQS database is updated daily by state and local organizations who own and submit the data. Please contact the pertinent [state agency](#) to report errors.

Readers are cautioned not to infer a qualitative ranking order of geographic areas based on AirData reports. Air pollution levels measured in the vicinity of a particular monitoring site may not be representative of the prevailing air quality of a county or urban area. Pollutants emitted from a particular source may have little impact on the immediate geographic area, and the amount of pollutants emitted does not indicate whether the source is complying with applicable regulations.

[New Report Criteria](#) | [About This Report](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)Generated on Tuesday, May 16, 2006
AirData - Monitor Values Report - Criteria Air Pollutants

Frederick County

Appendix B
Mobile 6.2 Data

```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Frederick

REPORT FILE      : e:\aqprog\Mobile62\06fred\co\2002fred.out REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\Mobile62\06fred\co\2002fred.TB1 REPLACE
SPREADSHEET      : e:\aqprog\Mobile62\06fred\co\2002fred.TAB REPLACE
AGGREGATED OUTPUT :

RUN DATA        :
>COMMENTS
>24 021

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE :
EXPAND EXHAUST    :

NO REFUELING      :
REBUILD EFFECTS   : 0.90
WE DA TRI LEN DI  : e:\aqprog\Mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP       : e:\aqprog\Mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM      : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - EXT_DATA\RDT\R02_FRED.RDT
REG DIST          : e:\aqprog\Mobile62\06mdcom\Ext_Data\RDT\R02_FRED.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02.ATP
ANTI-TAMP PROG    :
** Applicable for counties: Calvert, Charles, Fredrick, & Washington
95 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_02.IM
** Applicable for counties: Calvert, Charles, Fredrick, & Washington

>IM Program 2002. Idle and IM240.
>IM240 All LDGV, LDGT, HDGT1 MY 84+ Phasein Cutpoints.

*IM240
I/M PROGRAM      : 3 1995 2050 2 T/O IM240
I/M MODEL YEARS  : 3 1984 2050
I/M VEHICLES     : 3 22222 21111111 1
I/M STRINGENCY   : 3 20.0
I/M COMPLIANCE   : 3 96.0
I/M WAIVER RATES : 3 11.0 15.0
I/M CUTPOINTS    : 3 e:\aqprog\Mobile62\06mdcom\Ext_Data\IM_ATP\MD.C02
I/M GRACE PERIOD : 3 2

*Idle HDGT2
I/M PROGRAM      : 2 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 2 1977 2050
I/M VEHICLES     : 2 11111 12222111 1
I/M STRINGENCY   : 2 20.0
I/M COMPLIANCE   : 2 96.0
I/M WAIVER RATES : 2 11.0 15.0
I/M GRACE PERIOD : 2 2

*Idle older LDGV, LDGT, HDGT1
I/M PROGRAM      : 1 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 1 1977 1983
I/M VEHICLES     : 1 22222 21111111 1
I/M STRINGENCY   : 1 20.0
I/M COMPLIANCE   : 1 96.0
I/M WAIVER RATES : 1 11.0 15.0
I/M GRACE PERIOD : 1 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D02_FRED
DIESEL FRACTIONS :
0.0002 0.0003 0.0009 0.0033 0.0026 0.0007 0.0019 0.0010 0.0002 0.0002
0.0007 0.0013 0.0013 0.0012 0.0000 0.0049 0.0093 0.0367 0.0292 0.0389
0.0596 0.1330 0.0386 0.0169 0.0028
0.0013 0.0019 0.0036 0.0203 0.0060 0.0272 0.0227 0.0317 0.0157 0.0115
0.0107 0.0127 0.0181 0.0229 0.0193 0.0363 0.0619 0.0802 0.0630 0.0976
0.1282 0.1892 0.0250 0.0303 0.0134
0.0013 0.0019 0.0036 0.0203 0.0060 0.0272 0.0227 0.0317 0.0157 0.0115
0.0107 0.0127 0.0181 0.0229 0.0193 0.0363 0.0619 0.0802 0.0630 0.0976
0.1282 0.1892 0.0250 0.0303 0.0134
0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0115 0.0111 0.0145
0.0115 0.0129 0.0096 0.0083 0.0072 0.0082 0.0124 0.0135 0.0169 0.0209
0.0256 0.0013 0.0006 0.0011 0.0001
0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0115 0.0111 0.0145
0.0115 0.0129 0.0096 0.0083 0.0072 0.0082 0.0124 0.0135 0.0169 0.0209
0.0256 0.0013 0.0006 0.0011 0.0001
0.1998 0.1998 0.1998 0.1998 0.1998 0.1998 0.1998 0.2578 0.2515 0.3263
0.2784 0.2963 0.2384 0.2058 0.1756 0.1958 0.2726 0.2743 0.3004 0.2918
0.2859 0.0138 0.0000 0.0000 0.0000
0.6774 0.6774 0.6774 0.6774 0.6774 0.6774 0.6774 0.7715 0.7910 0.8105
0.8068 0.8280 0.8477 0.7940 0.7488 0.7789 0.7842 0.6145 0.5139 0.5032
0.4277 0.0079 0.0000 0.0000 0.0001
0.8606 0.8606 0.8606 0.8606 0.8606 0.8606 0.8606 0.8473 0.8048 0.8331
0.7901 0.7316 0.7275 0.7158 0.5647 0.3178 0.2207 0.1968 0.1570 0.0738
0.0341 0.0414 0.0003 0.0000 0.0000
0.4647 0.4647 0.4647 0.4647 0.4647 0.4647 0.4647 0.4384 0.3670 0.4125
0.3462 0.2771 0.2730 0.2616 0.1543 0.0615 0.0383 0.0333 0.0255 0.0111
0.0049 0.0060 0.0000 0.0000 0.0000
0.6300 0.6300 0.6300 0.6300 0.6300 0.6300 0.6300 0.6078 0.5246 0.5767
0.5289 0.5788 0.5617 0.4537 0.4216 0.4734 0.4705 0.4525 0.4310 0.3569

```

2002fred

0.3690 0.4413 0.3094 0.1679 0.1390
0.8563 0.8563 0.8563 0.8563 0.8563 0.8563 0.8563 0.8443 0.7943 0.8266
0.7972 0.8279 0.8177 0.7440 0.7184 0.7588 0.7567 0.7431 0.7261 0.6602
0.6717 0.7344 0.6107 0.4140 0.3610
0.9992 0.9992 0.9992 0.9992 0.9992 0.9992 0.9992 0.9989 0.9987 0.9989
0.9977 0.9984 0.9982 0.9979 0.9969 0.9978 0.9980 0.9979 0.9976 0.9969
0.9978 0.9982 0.9974 0.9965 0.9964
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000
0.9585 0.9585 0.9585 0.9585 0.9585 0.9585 0.9585 0.8857 0.8525 0.8795
0.9900 0.9105 0.8760 0.7710 0.7502 0.7345 0.6733 0.5155 0.3845 0.3238
0.3260 0.2639 0.0594 0.0460 0.0291

MIN/MAX TEMPERATURE: 33.00 53.00
FUEL RVP : 12.90

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 5.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 6.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1

2002fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

2002fred

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 18.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 19.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 21.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 22.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial

2002fred
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 23.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 24.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 26.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 29.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 30.0 fredh: 01 1

```

2002fred
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 31.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 33.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 34.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 37.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

2002fred

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 38.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 39.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 40.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 40.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 41.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 42.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 43.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 44.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
 VMT FRACTIONS :
 0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
 CALENDAR YEAR : 2002

```

2002fred
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 46.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 47.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 47.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 48.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 48.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 49.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 49.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 50.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 50.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 51.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 51.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 52.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :

```

2002fred

0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 53.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 54.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 55.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 56.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 57.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 58.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 59.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 60.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1

2002fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 61.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 62.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 63.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 64.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 65.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

2002fred

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 5.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 6.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Non-Ramp

2002fred
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 18.0 fredh: 01 1

```

2002fred
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 19.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 21.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 22.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 23.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 24.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

2002fred

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 26.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 26.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 27.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 28.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 29.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 29.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 30.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 30.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 31.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 31.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 32.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS      :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 33.0 fredh: 01 1
>FV FILE:         : .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
CALENDAR YEAR      : 2002

```



```

EVALUATION MONTH : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 33.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 34.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 37.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 38.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 39.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 40.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :

```

2002fred

0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 46.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 47.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 47.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 48.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1

2002fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 48.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 49.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 49.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 50.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 50.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 51.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 51.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 52.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 53.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 54.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 55.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM

VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

2002fred

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 56.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 57.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 58.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 59.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 60.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 61.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 62.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 63.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Non-Ramp

2002fred
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 64.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 65.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 34.6 fredh: 01 1
>FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV4.FV
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 12.9 fredh: 01 1
>FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 12.9 fredh: 01 1
>FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_FRED.VM
VMT FRACTIONS :
0.4631 0.0785 0.2613 0.0774 0.0356 0.0246 0.0024 0.0021
0.0016 0.0060 0.0071 0.0079 0.0277 0.0000 0.0000 0.0047

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 12.9 fredh: 01 1
>FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1

```

2002fred
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 5.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 6.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```


2002fred

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 10.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 11.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 12.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 13.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 14.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 15.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 16.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS      :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD    : St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1
>FV FILE:         .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
CALENDAR YEAR      : 2002

```

```

2002fred
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 18.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 19.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 21.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 22.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 23.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 24.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :

```

```

2002fred
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 26.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 29.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 30.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 31.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1

```

```

2002fred
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 33.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 34.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 37.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 38.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 39.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

```

2002fred

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 40.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

SCENARIO RECORD : St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_FRED.VM
VMT FRACTIONS :
0.4944 0.0838 0.2790 0.0826 0.0380 0.0054 0.0005 0.0005
0.0003 0.0013 0.0015 0.0017 0.0060 0.0000 0.0000 0.0050

END OF RUN :

```
*****2002FRED*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 2002FRED.INP (file 1, run 1). *
*****
*COMMENTS
*24 021
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading non-default WEEKDAY RUNNING LOSS HOURLY TRIP LENGTH FRACTIONS
* from the following external data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\TRIP_LEN\WEEKTLD2.WDT

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\RDTR02_FRED.RDT
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
IM Program 2002. Idle and IM240.
IM240 All LDGV, LDGT, HDGT1 MY 84+ Phasein Cutpoints.

* Reading non-default I/M CUTPOINTS from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\IM_ATP\MD.C02
* CY 2002 Phasein Cutpoints Beginning November 2000.
M614 Comment:
    User supplied diesel sale fractions.

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1
* File 1, Run 1, Scenario 1.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
M 52 Warning:
    1.00 speed increased to 2.5 mph minimum
M583 Warning:
    The user supplied arterial average speed of 2.5
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
HDDV DEFEAT DEVICE EFFECTS ARE PRESENT. THE REBUILD FRACTION IS 0.90.

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
```


2002FRED									
GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4621	0.3343	0.1114	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):									
Composite VOC :	9.916	6.282	11.266	7.528	15.285	1.147	1.192	2.069	9.42
Composite CO :	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52
Composite NOX :	1.978	2.137	2.709	2.280	3.805	2.206	1.791	22.790	0.85
Exhaust emissions (g/mi):									
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.177	1.147	1.192	2.069	8.98
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516
CO Total Exhaust:	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
NOx Running:	1.978	2.137	2.709	2.280		2.206	1.791		0.848
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.805	2.206	1.791	22.790	0.85
Non-Exhaust Emissions (g/mi):									
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366
Running Loss:	7.173	4.028	6.900	4.746	8.744	0.000	0.000	0.000	0.000
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1

* File 1, Run 1, Scenario 2.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial

M 52 Warning:

2.00 speed increased to 2.5 mph minimum

M583 Warning:

The user supplied arterial average speed of 2.5 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000	
Composite Emission Factors (g/mi):										
Composite VOC :	9.916	6.282	11.266	7.528	15.285	1.147	1.192	2.069	9.42	8.460
Composite CO :	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
Composite NOX :	1.978	2.137	2.709	2.280	3.805	2.206	1.791	22.790	0.85	3.322
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979	
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.177	1.147	1.192	2.069	8.98	2.625
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516	
CO Total Exhaust:	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.978	2.137	2.709	2.280		2.206	1.791		0.848	
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.805	2.206	1.791	22.790	0.85	3.322
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	7.173	4.028	6.900	4.746	8.744	0.000	0.000	0.000	0.000	5.631
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437	5.835

* #####

2002FRED

* St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1

* File 1, Run 1, Scenario 3.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 3.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	7.804	5.006	8.974	5.998	12.720	1.100	1.144	1.985	8.29	6.732
Composite CO :	37.42	36.55	57.74	41.84	85.86	3.558	2.719	14.626	79.44	39.139
Composite NOX :	1.899	2.045	2.591	2.182	3.838	2.132	1.731	22.105	0.82	3.203
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.100	1.849	3.552	2.275		1.100	1.144		7.851	
VOC Total Exhaust:	2.100	1.849	3.552	2.275	5.759	1.100	1.144	1.985	7.85	2.275
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	37.42	36.55	57.74	41.84		3.558	2.719		79.442	
CO Total Exhaust:	37.42	36.55	57.74	41.84	85.86	3.558	2.719	14.626	79.44	39.139
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.899	2.045	2.591	2.182		2.132	1.731		0.819	
NOx Total Exhaust:	1.899	2.045	2.591	2.182	3.838	2.132	1.731	22.105	0.82	3.203
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	5.427	3.037	5.192	3.575	6.598	0.000	0.000	0.000	0.000	4.253
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	5.703	3.157	5.422	3.754	6.961	0.000	0.000	0.000	0.437	4.457

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1

* File 1, Run 1, Scenario 4.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

2002FRED
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	5.164	3.410	6.109	4.085	9.514	1.042	1.083	1.881	6.88	4.573
Composite CO :	28.47	28.45	44.26	32.40	78.16	3.268	2.498	13.434	63.10	30.471
Composite NOX :	1.801	1.931	2.443	2.059	3.879	2.039	1.655	21.249	0.78	3.055
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.643	1.493	2.822	1.825		1.042	1.083		6.440	
VOC Total Exhaust:	1.643	1.493	2.822	1.825	5.237	1.042	1.083	1.881	6.44	1.838
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	28.47	28.45	44.26	32.40		3.268	2.498		63.101	
CO Total Exhaust:	28.47	28.45	44.26	32.40	78.16	3.268	2.498	13.434	63.10	30.471
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.801	1.931	2.443	2.059		2.039	1.655		0.783	
NOx Total Exhaust:	1.801	1.931	2.443	2.059	3.879	2.039	1.655	21.249	0.78	3.055
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	3.244	1.797	3.056	2.112	3.915	0.000	0.000	0.000	0.000	2.531
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	3.521	1.917	3.287	2.279	4.278	0.000	0.000	0.000	0.437	2.735

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 5.00 fredh: 01 1

* File 1, Run 1, Scenario 5.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	3.580	2.452	4.390	2.937	7.591	1.008	1.047	1.818	6.03	3.277
Composite CO :	23.10	23.59	36.17	26.73	73.53	3.094	2.365	12.718	53.30	25.270
Composite NOX :	1.741	1.862	2.355	1.985	3.904	1.983	1.610	20.736	0.76	2.966
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.368	1.279	2.385	1.555		1.008	1.047		5.594	
VOC Total Exhaust:	1.368	1.279	2.385	1.555	4.923	1.008	1.047	1.818	5.59	1.576
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	23.10	23.59	36.17	26.73		3.094	2.365		53.296	
CO Total Exhaust:	23.10	23.59	36.17	26.73	73.53	3.094	2.365	12.718	53.30	25.270
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.741	1.862	2.355	1.985		1.983	1.610		0.762	
NOx Total Exhaust:	1.741	1.862	2.355	1.985	3.904	1.983	1.610	20.736	0.76	2.966
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.935	1.054	1.775	1.234	2.305	0.000	0.000	0.000	0.000	1.497
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	2.212	1.174	2.005	1.393	2.668	0.000	0.000	0.000	0.437	1.701

2002FRED

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 6.00 fredh: 01 1
 * File 1, Run 1, Scenario 6.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.988	2.060	3.678	2.464	6.545	0.935	0.972	1.688	5.17	2.757
Composite CO :	20.00	20.63	31.36	23.31	65.33	2.773	2.120	11.402	44.07	22.003
Composite NOX :	1.625	1.736	2.202	1.852	3.970	1.870	1.519	19.700	0.74	2.795
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.173	1.107	2.049	1.343		0.935	0.972		4.738	
VOC Total Exhaust:	1.173	1.107	2.049	1.343	4.357	0.935	0.972	1.688	4.74	1.366
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	20.00	20.63	31.36	23.31		2.773	2.120		44.065	
CO Total Exhaust:	20.00	20.63	31.36	23.31	65.33	2.773	2.120	11.402	44.07	22.003
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.625	1.736	2.202	1.852		1.870	1.519		0.737	
NOx Total Exhaust:	1.625	1.736	2.202	1.852	3.970	1.870	1.519	19.700	0.74	2.795
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.538	0.833	1.399	0.974	1.825	0.000	0.000	0.000	0.000	1.187
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.815	0.953	1.629	1.131	2.188	0.000	0.000	0.000	0.437	1.391

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
 * File 1, Run 1, Scenario 7.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

2002FRED
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.565	1.779	3.170	2.127	5.798	0.884	0.919	1.595	4.56	2.385
Composite CO :	17.78	18.52	27.92	20.87	59.47	2.545	1.945	10.462	37.47	19.669
Composite NOX :	1.543	1.646	2.093	1.758	4.017	1.790	1.453	18.960	0.72	2.674
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.033	0.984	1.810	1.191		0.884	0.919		4.127	
VOC Total Exhaust:	1.033	0.984	1.810	1.191	3.953	0.884	0.919	1.595	4.13	1.216
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	17.78	18.52	27.92	20.87		2.545	1.945		37.472	
CO Total Exhaust:	17.78	18.52	27.92	20.87	59.47	2.545	1.945	10.462	37.47	19.669
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.543	1.646	2.093	1.758		1.790	1.453		0.720	
NOx Total Exhaust:	1.543	1.646	2.093	1.758	4.017	1.790	1.453	18.960	0.72	2.674
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.255	0.675	1.130	0.789	1.482	0.000	0.000	0.000	0.000	0.965
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.531	0.795	1.360	0.944	1.845	0.000	0.000	0.000	0.437	1.169

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
 * File 1, Run 1, Scenario 8.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.248	1.568	2.789	1.874	5.238	0.845	0.878	1.525	4.11	2.106
Composite CO :	16.11	16.94	25.35	19.04	55.07	2.373	1.814	9.757	32.53	17.918
Composite NOX :	1.480	1.578	2.012	1.687	4.052	1.730	1.404	18.405	0.71	2.582
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.929	0.892	1.630	1.077		0.845	0.878		3.668	
VOC Total Exhaust:	0.929	0.892	1.630	1.077	3.650	0.845	0.878	1.525	3.67	1.103
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	16.11	16.94	25.35	19.04		2.373	1.814		32.527	
CO Total Exhaust:	16.11	16.94	25.35	19.04	55.07	2.373	1.814	9.757	32.53	17.918
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.480	1.578	2.012	1.687		1.730	1.404		0.707	
NOx Total Exhaust:	1.480	1.578	2.012	1.687	4.052	1.730	1.404	18.405	0.71	2.582
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.042	0.556	0.928	0.649	1.224	0.000	0.000	0.000	0.000	0.799
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.319	0.676	1.159	0.803	1.587	0.000	0.000	0.000	0.437	1.003

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1
 * File 1, Run 1, Scenario 9.
 * # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	2.001	1.405	2.492	1.677	4.802	0.815	0.847	1.471	3.75	1.890
Composite CO :	14.82	15.71	23.34	17.62	51.66	2.240	1.712	9.208	28.68	16.557
Composite NOX :	1.432	1.526	1.948	1.631	4.080	1.683	1.366	17.974	0.70	2.511

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.848	0.821	1.491	0.988		0.815	0.847		3.312	
VOC Total Exhaust:	0.848	0.821	1.491	0.988	3.414	0.815	0.847	1.471	3.31	1.016

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	14.82	15.71	23.34	17.62		2.240	1.712		28.681	
CO Total Exhaust:	14.82	15.71	23.34	17.62	51.66	2.240	1.712	9.208	28.68	16.557

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.432	1.526	1.948	1.631		1.683	1.366		0.696	
NOx Total Exhaust:	1.432	1.526	1.948	1.631	4.080	1.683	1.366	17.974	0.70	2.511

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.877	0.464	0.771	0.541	1.024	0.000	0.000	0.000	0.000	0.670
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.153	0.584	1.002	0.694	1.387	0.000	0.000	0.000	0.437	0.874

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1
 * File 1, Run 1, Scenario 10.
 * # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

2002FRED
Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.803	1.274	2.255	1.519	4.453	0.791	0.822	1.427	3.46	1.716
Composite CO :	13.78	14.72	21.74	16.48	48.92	2.133	1.631	8.770	25.60	15.468
Composite NOX :	1.393	1.484	1.897	1.587	4.102	1.645	1.336	17.629	0.69	2.454

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.783	0.763	1.379	0.917		0.791	0.822		3.026	
VOC Total Exhaust:	0.783	0.763	1.379	0.917	3.226	0.791	0.822	1.427	3.03	0.946

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.78	14.72	21.74	16.48		2.133	1.631		25.604	
CO Total Exhaust:	13.78	14.72	21.74	16.48	48.92	2.133	1.631	8.770	25.60	15.468

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.393	1.484	1.897	1.587		1.645	1.336		0.688	
NOx Total Exhaust:	1.393	1.484	1.897	1.587	4.102	1.645	1.336	17.629	0.69	2.454

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.744	0.391	0.646	0.454	0.864	0.000	0.000	0.000	0.000	0.566
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.021	0.510	0.876	0.607	1.227	0.000	0.000	0.000	0.437	0.770

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1
* File 1, Run 1, Scenario 11.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm
Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.675	1.179	2.091	1.407	4.093	0.748	0.778	1.350	3.22	1.593
Composite CO :	13.12	14.03	20.69	15.70	44.96	1.971	1.507	8.104	23.16	14.673
Composite NOX :	1.332	1.418	1.819	1.518	4.156	1.582	1.285	17.049	0.69	2.364

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.725	0.705	1.275	0.848		0.748	0.778		2.787	
VOC Total Exhaust:	0.725	0.705	1.275	0.848	2.947	0.748	0.778	1.350	2.79	0.876

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.12	14.03	20.69	15.70		1.971	1.507		23.157	
CO Total Exhaust:	13.12	14.03	20.69	15.70	44.96	1.971	1.507	8.104	23.16	14.673

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.332	1.418	1.819	1.518		1.582	1.285		0.693	
NOx Total Exhaust:	1.332	1.418	1.819	1.518	4.156	1.582	1.285	17.049	0.69	2.364

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.674	0.353	0.585	0.411	0.783	0.000	0.000	0.000	0.000	0.513
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.951	0.473	0.816	0.564	1.146	0.000	0.000	0.000	0.437	0.717

 * St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1
 * File 1, Run 1, Scenario 12.
 * *****
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.568	1.099	1.954	1.313	3.794	0.713	0.741	1.286	3.03	1.490
Composite CO :	12.57	13.45	19.81	15.04	41.66	1.836	1.404	7.549	21.12	14.010
Composite NOx :	1.281	1.363	1.753	1.460	4.201	1.530	1.242	16.566	0.70	2.288
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.676	0.657	1.188	0.790		0.713	0.741		2.588	
VOC Total Exhaust:	0.676	0.657	1.188	0.790	2.715	0.713	0.741	1.286	2.59	0.818
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.57	13.45	19.81	15.04		1.836	1.404		21.117	
CO Total Exhaust:	12.57	13.45	19.81	15.04	41.66	1.836	1.404	7.549	21.12	14.010
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.281	1.363	1.753	1.460		1.530	1.242		0.696	
NOx Total Exhaust:	1.281	1.363	1.753	1.460	4.201	1.530	1.242	16.566	0.70	2.288
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.615	0.323	0.535	0.376	0.716	0.000	0.000	0.000	0.000	0.468
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.892	0.442	0.766	0.528	1.079	0.000	0.000	0.000	0.437	0.672

 * St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1
 * File 1, Run 1, Scenario 13.
 * *****
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

2002FRED

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.478	1.032	1.838	1.234	3.540	0.683	0.710	1.232	2.86	1.403
Composite CO :	12.11	12.97	19.07	14.49	38.86	1.722	1.316	7.080	19.39	13.450
Composite NOX :	1.238	1.316	1.698	1.412	4.239	1.485	1.206	16.158	0.70	2.224
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.635	0.616	1.115	0.741		0.683	0.710		2.420	
VOC Total Exhaust:	0.635	0.616	1.115	0.741	2.518	0.683	0.710	1.232	2.42	0.768
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.11	12.97	19.07	14.49		1.722	1.316		19.391	
CO Total Exhaust:	12.11	12.97	19.07	14.49	38.86	1.722	1.316	7.080	19.39	13.450
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.238	1.316	1.698	1.412		1.485	1.206		0.700	
NOx Total Exhaust:	1.238	1.316	1.698	1.412	4.239	1.485	1.206	16.158	0.70	2.224
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.566	0.296	0.493	0.345	0.659	0.000	0.000	0.000	0.000	0.431
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.842	0.416	0.723	0.497	1.022	0.000	0.000	0.000	0.437	0.635

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1
 * File 1, Run 1, Scenario 14.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.400	0.975	1.738	1.166	3.323	0.657	0.683	1.186	2.71	1.328
Composite CO :	11.71	12.55	18.44	14.02	36.46	1.624	1.241	6.677	17.91	12.969
Composite NOX :	1.201	1.276	1.651	1.370	4.271	1.447	1.175	15.808	0.70	2.169
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.600	0.581	1.052	0.699		0.657	0.683		2.275	
VOC Total Exhaust:	0.600	0.581	1.052	0.699	2.349	0.657	0.683	1.186	2.28	0.726
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.71	12.55	18.44	14.02		1.624	1.241		17.912	
CO Total Exhaust:	11.71	12.55	18.44	14.02	36.46	1.624	1.241	6.677	17.91	12.969
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.201	1.276	1.651	1.370		1.447	1.175		0.702	
NOx Total Exhaust:	1.201	1.276	1.651	1.370	4.271	1.447	1.175	15.808	0.70	2.169
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.523	0.274	0.456	0.320	0.610	0.000	0.000	0.000	0.000	0.398
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Total Non-Exhaust: 0.800 0.394 0.686 0.471 2002FRED 0.973 0.000 0.000 0.000 0.437 0.602

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
* File 1, Run 1, Scenario 15.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 15.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.333	0.925	1.652	1.107	3.134	0.635	0.660	1.145	2.59	1.263
Composite CO :	11.36	12.19	17.88	13.61	34.39	1.539	1.177	6.328	16.63	12.553
Composite NOX :	1.169	1.242	1.609	1.334	4.299	1.414	1.148	15.504	0.70	2.121
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.570	0.551	0.997	0.662		0.635	0.660		2.150	
VOC Total Exhaust:	0.570	0.551	0.997	0.662	2.203	0.635	0.660	1.145	2.15	0.689
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.36	12.19	17.88	13.61		1.539	1.177		16.630	
CO Total Exhaust:	11.36	12.19	17.88	13.61	34.39	1.539	1.177	6.328	16.63	12.553
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.169	1.242	1.609	1.334		1.414	1.148		0.705	
NOx Total Exhaust:	1.169	1.242	1.609	1.334	4.299	1.414	1.148	15.504	0.70	2.121
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.486	0.255	0.424	0.297	0.568	0.000	0.000	0.000	0.000	0.370
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.763	0.374	0.655	0.448	0.931	0.000	0.000	0.000	0.437	0.574

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1
* File 1, Run 1, Scenario 16.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 16.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes

2002FRED

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.267	0.879	1.574	1.053	2.933	0.606	0.630	1.094	2.49	1.201
Composite CO :	11.06	11.87	17.40	13.25	32.18	1.445	1.105	5.941	15.60	12.175
Composite NOx :	1.141	1.212	1.573	1.302	4.349	1.376	1.117	15.149	0.72	2.075
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.543	0.524	0.949	0.630		0.606	0.630		2.049	
VOC Total Exhaust:	0.543	0.524	0.949	0.630	2.045	0.606	0.630	1.094	2.05	0.656
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.06	11.87	17.40	13.25		1.445	1.105		15.597	
CO Total Exhaust:	11.06	11.87	17.40	13.25	32.18	1.445	1.105	5.941	15.60	12.175
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.141	1.212	1.573	1.302		1.376	1.117		0.721	
NOx Total Exhaust:	1.141	1.212	1.573	1.302	4.349	1.376	1.117	15.149	0.72	2.075
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.447	0.235	0.394	0.275	0.525	0.000	0.000	0.000	0.000	0.341
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.724	0.355	0.625	0.426	0.888	0.000	0.000	0.000	0.437	0.545

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1

* File 1, Run 1, Scenario 17.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.210	0.838	1.505	1.005	2.755	0.581	0.604	1.049	2.40	1.146
Composite CO :	10.79	11.59	16.98	12.94	30.22	1.362	1.041	5.599	14.69	11.842
Composite NOx :	1.117	1.185	1.542	1.274	4.393	1.342	1.089	14.835	0.73	2.034
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.520	0.501	0.907	0.602		0.581	0.604		1.960	
VOC Total Exhaust:	0.520	0.501	0.907	0.602	1.905	0.581	0.604	1.049	1.96	0.626
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.79	11.59	16.98	12.94		1.362	1.041		14.686	
CO Total Exhaust:	10.79	11.59	16.98	12.94	30.22	1.362	1.041	5.599	14.69	11.842
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.117	1.185	1.542	1.274		1.342	1.089		0.735	
NOx Total Exhaust:	1.117	1.185	1.542	1.274	4.393	1.342	1.089	14.835	0.73	2.034
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.413	0.218	0.367	0.255	0.487	0.000	0.000	0.000	0.000	0.316
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008

Refueling Loss:	0.000	0.000	0.000	0.000	2002FRED	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.690	0.338	0.598	0.406	0.851	0.000	0.000	0.000	0.000	0.437	0.520

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 18.0 fredh: 01 1
 * File 1, Run 1, Scenario 18.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.158	0.802	1.444	0.963	2.597	0.559	0.581	1.008	2.32	1.096
Composite CO :	10.55	11.34	16.60	12.66	28.49	1.288	0.985	5.296	13.88	11.545
Composite NOx :	1.095	1.161	1.513	1.249	4.431	1.311	1.065	14.556	0.75	1.998

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.499	0.480	0.870	0.577		0.559	0.581		1.881	
VOC Total Exhaust:	0.499	0.480	0.870	0.577	1.780	0.559	0.581	1.008	1.88	0.599
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.55	11.34	16.60	12.66		1.288	0.985		13.876	
CO Total Exhaust:	10.55	11.34	16.60	12.66	28.49	1.288	0.985	5.296	13.88	11.545
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.095	1.161	1.513	1.249		1.311	1.065		0.747	
NOx Total Exhaust:	1.095	1.161	1.513	1.249	4.431	1.311	1.065	14.556	0.75	1.998

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.382	0.203	0.344	0.238	0.454	0.000	0.000	0.000	0.000	0.293
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.659	0.323	0.574	0.389	0.817	0.000	0.000	0.000	0.437	0.497

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 19.0 fredh: 01 1
 * File 1, Run 1, Scenario 19.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No

2002FRED

ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.112	0.770	1.389	0.925	2.456	0.539	0.560	0.972	2.25	1.052
Composite CO :	10.34	11.12	16.26	12.40	26.94	1.222	0.934	5.024	13.15	11.280
Composite NOX :	1.075	1.140	1.488	1.227	4.466	1.284	1.043	14.307	0.76	1.966
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.481	0.461	0.836	0.555		0.539	0.560		1.810	
VOC Total Exhaust:	0.481	0.461	0.836	0.555	1.669	0.539	0.560	0.972	1.81	0.576
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.34	11.12	16.26	12.40		1.222	0.934		13.151	
CO Total Exhaust:	10.34	11.12	16.26	12.40	26.94	1.222	0.934	5.024	13.15	11.280
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.075	1.140	1.488	1.227		1.284	1.043		0.758	
NOx Total Exhaust:	1.075	1.140	1.488	1.227	4.466	1.284	1.043	14.307	0.76	1.966
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.355	0.189	0.322	0.222	0.424	0.000	0.000	0.000	0.000	0.273
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.631	0.309	0.553	0.373	0.787	0.000	0.000	0.000	0.437	0.477

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1

* File 1, Run 1, Scenario 20.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 20.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.071	0.741	1.340	0.891	2.329	0.521	0.541	0.940	2.18	1.013
Composite CO :	10.15	10.92	15.96	12.18	25.54	1.163	0.889	4.779	12.50	11.042
Composite NOX :	1.057	1.121	1.465	1.207	4.497	1.260	1.023	14.082	0.77	1.937
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.464	0.444	0.806	0.535		0.521	0.541		1.746	
VOC Total Exhaust:	0.464	0.444	0.806	0.535	1.569	0.521	0.541	0.940	1.75	0.554
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.15	10.92	15.96	12.18		1.163	0.889		12.499	
CO Total Exhaust:	10.15	10.92	15.96	12.18	25.54	1.163	0.889	4.779	12.50	11.042
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.057	1.121	1.465	1.207		1.260	1.023		0.769	
NOx Total Exhaust:	1.057	1.121	1.465	1.207	4.497	1.260	1.023	14.082	0.77	1.937
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.330	0.177	0.303	0.208	0.397	0.000	0.000	0.000	0.000	0.255

					2002FRED					
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.607	0.297	0.534	0.359	0.760	0.000	0.000	0.000	0.437	0.459

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 21.0 fredh: 01 1
 * File 1, Run 1, Scenario 21.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):
 Composite VOC : 1.040 0.717 1.298 0.863 2.214 0.501 0.521 0.904 2.12 0.981
 Composite CO : 10.00 10.76 15.72 12.00 24.23 1.105 0.844 4.541 11.90 10.845
 Composite NOX : 1.041 1.104 1.445 1.189 4.544 1.237 1.004 13.869 0.79 1.910

Exhaust emissions (g/mi):
 VOC Start: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 VOC Running: 0.449 0.429 0.779 0.516 0.501 0.521 0.521 0.904 1.687
 VOC Total Exhaust: 0.449 0.429 0.779 0.516 1.472 0.501 0.521 0.904 1.69 0.534
 CO Start: 0.00 0.00 0.00 0.00 0.000 0.000 0.000 0.000 0.000
 CO Running: 10.00 10.76 15.72 12.00 24.23 1.105 0.844 4.541 11.896
 CO Total Exhaust: 10.00 10.76 15.72 12.00 24.23 1.105 0.844 4.541 11.90 10.845
 NOx Start: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 NOx Running: 1.041 1.104 1.445 1.189 4.544 1.237 1.004 13.869 0.787
 NOx Total Exhaust: 1.041 1.104 1.445 1.189 4.544 1.237 1.004 13.869 0.79 1.910

Non-Exhaust Emissions (g/mi):
 Hot Soak Loss: 0.145 0.064 0.107 0.075 0.143 0.000 0.000 0.000 0.054 0.104
 Diurnal Loss: 0.023 0.011 0.021 0.014 0.040 0.000 0.000 0.000 0.016 0.018
 Resting Loss: 0.100 0.036 0.091 0.050 0.169 0.000 0.000 0.000 0.366 0.074
 Running Loss: 0.315 0.169 0.289 0.199 0.378 0.000 0.000 0.000 0.000 0.243
 Crankcase Loss: 0.008 0.009 0.011 0.010 0.012 0.000 0.000 0.000 0.000 0.008
 Refueling Loss: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 Total Non-Exhaust: 0.591 0.288 0.519 0.349 0.741 0.000 0.000 0.000 0.437 0.447

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 22.0 fredh: 01 1
 * File 1, Run 1, Scenario 22.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes

Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.012	0.696	1.260	0.837	2.109	0.483	0.502	0.871	2.07	0.952
Composite CO :	9.86	10.62	15.50	11.84	23.04	1.052	0.804	4.324	11.35	10.665
Composite NOx :	1.027	1.088	1.426	1.172	4.587	1.216	0.987	13.676	0.80	1.886
Tailpipe Exhaust Emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.435	0.415	0.754	0.500		0.483	0.502		1.633	
VOC Total Exhaust:	0.435	0.415	0.754	0.500	1.385	0.483	0.502	0.871	1.63	0.516
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.86	10.62	15.50	11.84		1.052	0.804		11.348	
CO Total Exhaust:	9.86	10.62	15.50	11.84	23.04	1.052	0.804	4.324	11.35	10.665
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.027	1.088	1.426	1.172		1.216	0.987		0.805	
NOx Total Exhaust:	1.027	1.088	1.426	1.172	4.587	1.216	0.987	13.676	0.80	1.886
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.301	0.161	0.276	0.190	0.361	0.000	0.000	0.000	0.000	0.232
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.577	0.281	0.506	0.340	0.724	0.000	0.000	0.000	0.437	0.436

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: No
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.987	0.677	1.226	0.814	2.014	0.466	0.484	0.841	2.02	0.926
Composite CO :	9.73	10.49	15.30	11.69	21.95	1.004	0.767	4.126	10.85	10.502
Composite NOx :	1.014	1.073	1.409	1.157	4.626	1.196	0.971	13.499	0.82	1.864
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.422	0.403	0.731	0.485		0.466	0.484		1.583	
VOC Total Exhaust:	0.422	0.403	0.731	0.485	1.305	0.466	0.484	0.841	1.58	0.500
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.73	10.49	15.30	11.69		1.004	0.767		10.847	
CO Total Exhaust:	9.73	10.49	15.30	11.69	21.95	1.004	0.767	4.126	10.85	10.502
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.014	1.073	1.409	1.157		1.196	0.971		0.820	
NOx Total Exhaust:	1.014	1.073	1.409	1.157	4.626	1.196	0.971	13.499	0.82	1.864
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.073

					2002FRED					
Running Loss:	0.288	0.154	0.264	0.182	0.346	0.000	0.000	0.000	0.000	0.222
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.564	0.274	0.494	0.332	0.709	0.000	0.000	0.000	0.437	0.426

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 24.0 fredh: 01 1
 * File 1, Run 1, Scenario 24.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.963	0.659	1.194	0.792	1.926	0.451	0.469	0.813	1.98	0.902
Composite CO :	9.61	10.37	15.12	11.55	20.96	0.959	0.733	3.944	10.39	10.352
Composite NOx :	1.001	1.060	1.393	1.144	4.662	1.179	0.957	13.338	0.83	1.844

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.411	0.391	0.711	0.471		0.451	0.469		1.538	
VOC Total Exhaust:	0.411	0.391	0.711	0.471	1.232	0.451	0.469	0.813	1.54	0.485

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.61	10.37	15.12	11.55		0.959	0.733		10.388	
CO Total Exhaust:	9.61	10.37	15.12	11.55	20.96	0.959	0.733	3.944	10.39	10.352

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.001	1.060	1.393	1.144		1.179	0.957		0.835	
NOx Total Exhaust:	1.001	1.060	1.393	1.144	4.662	1.179	0.957	13.338	0.83	1.844

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.276	0.148	0.253	0.174	0.332	0.000	0.000	0.000	0.000	0.213
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.553	0.268	0.483	0.325	0.695	0.000	0.000	0.000	0.437	0.417

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1
 * File 1, Run 1, Scenario 25.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 <6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.942	0.642	1.165	0.773	1.846	0.437	0.454	0.788	1.93	0.879
Composite CO :	9.51	10.26	14.95	11.43	20.04	0.919	0.702	3.777	9.97	10.214
Composite NOX :	0.990	1.048	1.379	1.131	4.695	1.163	0.944	13.189	0.85	1.825
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.400	0.380	0.691	0.458		0.437	0.454		1.497	
VOC Total Exhaust:	0.400	0.380	0.691	0.458	1.164	0.437	0.454	0.788	1.50	0.471
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.51	10.26	14.95	11.43		0.919	0.702		9.966	
CO Total Exhaust:	9.51	10.26	14.95	11.43	20.04	0.919	0.702	3.777	9.97	10.214
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.990	1.048	1.379	1.131		1.163	0.944		0.848	
NOx Total Exhaust:	0.990	1.048	1.379	1.131	4.695	1.163	0.944	13.189	0.85	1.825
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.265	0.142	0.243	0.167	0.318	0.000	0.000	0.000	0.000	0.204
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.542	0.262	0.473	0.318	0.682	0.000	0.000	0.000	0.437	0.408

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```

LEV phase-in data read from file E:\AQPRG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: No
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.923	0.629	1.142	0.758	1.772	0.422	0.439	0.762	1.89	0.860
Composite CO :	9.45	10.20	14.85	11.36	19.25	0.882	0.674	3.627	9.54	10.131
Composite NOx :	0.980	1.037	1.366	1.119	4.741	1.151	0.934	13.081	0.86	1.810
Tailpipe Emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.392	0.373	0.678	0.449		0.422	0.439		1.454	
VOC Total Exhaust:	0.392	0.373	0.678	0.449	1.103	0.422	0.439	0.762	1.45	0.460
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.45	10.20	14.85	11.36		0.882	0.674		9.544	
CO Total Exhaust:	9.45	10.20	14.85	11.36	19.25	0.882	0.674	3.627	9.54	10.131
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.980	1.037	1.366	1.119		1.151	0.934		0.865	
NOx Total Exhaust:	0.980	1.037	1.366	1.119	4.741	1.151	0.934	13.081	0.86	1.810
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018

					2002FRED						
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.255	0.136	0.234	0.161	0.306	0.000	0.000	0.000	0.000	0.000	0.196
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.531	0.256	0.464	0.311	0.669	0.000	0.000	0.000	0.000	0.437	0.400

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1
 * File 1, Run 1, Scenario 27.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.906	0.618	1.121	0.743	1.704	0.409	0.425	0.738	1.85	0.843
Composite CO :	9.40	10.15	14.76	11.30	18.52	0.848	0.648	3.487	9.15	10.055
Composite NOX :	0.970	1.027	1.353	1.108	4.783	1.140	0.926	12.981	0.88	1.796

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.384	0.366	0.665	0.441		0.409	0.425		1.414	
VOC Total Exhaust:	0.384	0.366	0.665	0.441	1.047	0.409	0.425	0.738	1.41	0.450

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.40	10.15	14.76	11.30		0.848	0.648		9.152	
CO Total Exhaust:	9.40	10.15	14.76	11.30	18.52	0.848	0.648	3.487	9.15	10.055

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.970	1.027	1.353	1.108		1.140	0.926		0.881	
NOx Total Exhaust:	0.970	1.027	1.353	1.108	4.783	1.140	0.926	12.981	0.88	1.796

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.245	0.131	0.225	0.155	0.294	0.000	0.000	0.000	0.000	0.189
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.522	0.251	0.455	0.305	0.657	0.000	0.000	0.000	0.437	0.393

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
 * File 1, Run 1, Scenario 28.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 29.0 fredh: 01 1
```

* File 1, Run 1, Scenario 29.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO: 29      RoadType: Arterial
```

M583 Warni

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

```
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AOPROG\MOBILE62\06MDCOM\EXT DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.875	0.597	1.083	0.718	1.583	0.385	0.400	0.695	1.78	0.812
Composite CO :	9.31	10.06	14.59	11.20	17.20	0.787	0.602	3.237	8.45	9.917
Composite NOx :	0.953	1.008	1.331	1.089	4.859	1.120	0.910	12.801	0.91	1.772
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.371	0.354	0.643	0.427		0.385	0.400		1.342	
VOC Total Exhaust:	0.371	0.354	0.643	0.427	0.946	0.385	0.400	0.695	1.34	0.432
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.31	10.06	14.59	11.20		0.787	0.602		8.450	
CO Total Exhaust:	9.31	10.06	14.59	11.20	17.20	0.787	0.602	3.237	8.45	9.917
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.953	1.008	1.331	1.089		1.120	0.910		0.909	
NOx Total Exhaust:	0.953	1.008	1.331	1.089	4.859	1.120	0.910	12.801	0.91	1.772
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.100

					2002FRED					
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.227	0.122	0.209	0.144	0.274	0.000	0.000	0.000	0.000	0.176
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.504	0.242	0.440	0.294	0.637	0.000	0.000	0.000	0.437	0.380

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 30.0 fredh: 01 1
 * File 1, Run 1, Scenario 30.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.861	0.587	1.066	0.707	1.528	0.374	0.389	0.676	1.75	0.797
Composite CO :	9.27	10.02	14.52	11.15	16.61	0.760	0.581	3.125	8.13	9.856
Composite NOX :	0.945	1.000	1.321	1.080	4.893	1.112	0.903	12.721	0.92	1.760

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.365	0.349	0.633	0.420		0.374	0.389		1.310	
VOC Total Exhaust:	0.365	0.349	0.633	0.420	0.901	0.374	0.389	0.676	1.31	0.424
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.27	10.02	14.52	11.15		0.760	0.581		8.134	
CO Total Exhaust:	9.27	10.02	14.52	11.15	16.61	0.760	0.581	3.125	8.13	9.856
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.945	1.000	1.321	1.080		1.112	0.903		0.921	
NOx Total Exhaust:	0.945	1.000	1.321	1.080	4.893	1.112	0.903	12.721	0.92	1.760

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.220	0.118	0.203	0.139	0.264	0.000	0.000	0.000	0.000	0.170
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.496	0.238	0.433	0.289	0.627	0.000	0.000	0.000	0.437	0.374

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 31.0 fredh: 01 1
 * File 1, Run 1, Scenario 31.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi

2002FRED

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.847	0.578	1.047	0.695	1.479	0.364	0.378	0.657	1.71	0.783
Composite CO :	9.31	10.07	14.56	11.19	16.15	0.737	0.563	3.030	7.83	9.874
Composite NOX :	0.940	0.995	1.317	1.076	4.938	1.109	0.901	12.699	0.93	1.756
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.358	0.344	0.621	0.413		0.364	0.378		1.277	
VOC Total Exhaust:	0.358	0.344	0.621	0.413	0.861	0.364	0.378	0.657	1.28	0.416
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.31	10.07	14.56	11.19		0.737	0.563		7.828	
CO Total Exhaust:	9.31	10.07	14.56	11.19	16.15	0.737	0.563	3.030	7.83	9.874
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.940	0.995	1.317	1.076		1.109	0.901		0.934	
NOx Total Exhaust:	0.940	0.995	1.317	1.076	4.938	1.109	0.901	12.699	0.93	1.756
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.212	0.114	0.196	0.135	0.255	0.000	0.000	0.000	0.000	0.164
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.489	0.234	0.426	0.285	0.618	0.000	0.000	0.000	0.437	0.368

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1

* File 1, Run 1, Scenario 32.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.834	0.569	1.029	0.684	1.434	0.354	0.368	0.639	1.68	0.770
Composite CO :	9.34	10.11	14.61	11.23	15.71	0.715	0.547	2.941	7.54	9.891
Composite NOX :	0.936	0.991	1.313	1.072	4.980	1.107	0.899	12.679	0.95	1.752
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.353	0.339	0.609	0.406		0.354	0.368		1.246	
VOC Total Exhaust:	0.353	0.339	0.609	0.406	0.824	0.354	0.368	0.639	1.25	0.408
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.34	10.11	14.61	11.23		0.715	0.547		7.540	
CO Total Exhaust:	9.34	10.11	14.61	11.23	15.71	0.715	0.547	2.941	7.54	9.891
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.936	0.991	1.313	1.072		1.107	0.899		0.946	
NOx Total Exhaust:	0.936	0.991	1.313	1.072	4.980	1.107	0.899	12.679	0.95	1.752
Non-Exhaust Emissions (g/mi):										

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 ≥6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.810	0.553	0.997	0.664	1.351	0.336	0.350	0.607	1.63	0.746
Composite CO :	9.40	10.19	14.68	11.31	14.92	0.676	0.517	2.779	7.02	9.922
Composite NOX :	0.927	0.984	1.306	1.064	5.056	1.103	0.896	12.643	0.97	1.744
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.342	0.329	0.588	0.394		0.336	0.350		1.190	
VOC Total Exhaust:	0.342	0.329	0.588	0.394	0.757	0.336	0.350	0.607	1.19	0.394
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.40	10.19	14.68	11.31		0.676	0.517		7.016	
CO Total Exhaust:	9.40	10.19	14.68	11.31	14.92	0.676	0.517	2.779	7.02	9.922
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.927	0.984	1.306	1.064		1.103	0.896		0.968	
NOx Total Exhaust:	0.927	0.984	1.306	1.064	5.056	1.103	0.896	12.643	0.97	1.744
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.191	0.104	0.178	0.123	0.231	0.000	0.000	0.000	0.000	0.148
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.468	0.224	0.409	0.273	0.594	0.000	0.000	0.000	0.437	0.352

```

* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
* File 1, Run 1, Scenario 35.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
M583 Warning:
    The user supplied arterial average speed of 35.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
                Month: Jan.
                Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.799	0.546	0.982	0.655	1.313	0.328	0.341	0.592	1.60	0.735
Composite CO :	9.43	10.22	14.72	11.34	14.55	0.658	0.503	2.705	6.78	9.936
Composite NOx :	0.923	0.980	1.302	1.061	5.091	1.101	0.894	12.626	0.98	1.741
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.338	0.325	0.578	0.388		0.328	0.341		1.165	
VOC Total Exhaust:	0.338	0.325	0.578	0.388	0.726	0.328	0.341	0.592	1.16	0.387
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.43	10.22	14.72	11.34		0.658	0.503		6.776	
CO Total Exhaust:	9.43	10.22	14.72	11.34	14.55	0.658	0.503	2.705	6.78	9.936
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.061		1.101	0.894		0.978	
NOx Total Exhaust:	0.923	0.980	1.302	1.061	5.091	1.101	0.894	12.626	0.98	1.741

2002FRED

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.185	0.101	0.173	0.119	0.224	0.000	0.000	0.000	0.000	0.144
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.462	0.221	0.404	0.269	0.587	0.000	0.000	0.000	0.437	0.348

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
 * File 1, Run 1, Scenario 36.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.793	0.542	0.973	0.650	1.280	0.321	0.333	0.578	1.58	0.728
Composite CO :	9.60	10.40	14.95	11.54	14.31	0.644	0.492	2.648	6.57	10.092
Composite NOX :	0.929	0.986	1.307	1.066	5.135	1.108	0.900	12.686	0.99	1.750

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.324	0.574	0.387		0.321	0.333		1.142	
VOC Total Exhaust:	0.337	0.324	0.574	0.387	0.700	0.321	0.333	0.578	1.14	0.385

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.60	10.40	14.95	11.54		0.644	0.492		6.567	
CO Total Exhaust:	9.60	10.40	14.95	11.54	14.31	0.644	0.492	2.648	6.57	10.092

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.929	0.986	1.307	1.066		1.108	0.900		0.986	
NOx Total Exhaust:	0.929	0.986	1.307	1.066	5.135	1.108	0.900	12.686	0.99	1.750

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.179	0.098	0.168	0.116	0.217	0.000	0.000	0.000	0.000	0.139
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.456	0.218	0.399	0.266	0.580	0.000	0.000	0.000	0.437	0.343

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 37.0 fredh: 01 1
 * File 1, Run 1, Scenario 37.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.168	0.093	0.159	0.109	0.204	0.000	0.000	0.000	0.000	0.131
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.444	0.212	0.390	0.259	0.567	0.000	0.000	0.000	0.437	0.335

The user supplied arterial average speed of 39.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```

Data read from file C:\AQ100\ROG\MOBILE
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.776	0.532	0.950	0.636	1.192	0.300	0.312	0.541	1.52	0.710
Composite CO :	10.05	10.90	15.58	12.07	13.66	0.607	0.464	2.496	6.00	10.512
Composite NOx :	0.943	1.000	1.319	1.080	5.253	1.125	0.914	12.848	1.01	1.775

Exhaust emissions (g/ml):									
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
VOC Running:	0.337	0.322	0.564	0.383		0.300	0.312		1.081
VOC Total Exhaust:	0.337	0.322	0.564	0.383	0.631	0.300	0.312	0.541	0.379

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.05	10.90	15.58	12.07		0.607	0.464		6.002	
CO Total Exhaust:	10.05	10.90	15.58	12.07	13.66	0.607	0.464	2.496	6.00	10.512

N0x Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
N0x Running:	0.943	1.000	1.319	1.080		1.125	0.914		1.009
N0x Total Exhaust:	0.943	1.000	1.319	1.080	5.253	1.125	0.914	12.848	1.01 1.775

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.163	0.090	0.155	0.106	0.198	0.000	0.000	0.000	0.000	0.127
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.439	0.210	0.385	0.256	0.561	0.000	0.000	0.000	0.437	0.331

The user supplied arterial average speed of 40.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```
data read from file E:\AQ-R06\  
    Calendar Year: 2002  
           Month: Jan.  
        Altitude: Low  
Minimum Temperature: 33.0 (F)  
Maximum Temperature: 53.0 (F)
```


2002FRED

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.771	0.529	0.943	0.632	1.166	0.294	0.306	0.530	1.50	0.704
Composite CO :	10.19	11.05	15.77	12.23	13.47	0.596	0.456	2.451	5.83	10.638
Composite NOX :	0.947	1.004	1.323	1.084	5.289	1.131	0.918	12.896	1.02	1.782
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.321	0.561	0.381		0.294	0.306		1.063	
VOC Total Exhaust:	0.336	0.321	0.561	0.381	0.610	0.294	0.306	0.530	1.06	0.377
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.19	11.05	15.77	12.23		0.596	0.456		5.833	
CO Total Exhaust:	10.19	11.05	15.77	12.23	13.47	0.596	0.456	2.451	5.83	10.638
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.947	1.004	1.323	1.084		1.131	0.918		1.015	
NOx Total Exhaust:	0.947	1.004	1.323	1.084	5.289	1.131	0.918	12.896	1.02	1.782
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.158	0.088	0.151	0.104	0.192	0.000	0.000	0.000	0.000	0.123
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.434	0.208	0.381	0.253	0.555	0.000	0.000	0.000	0.437	0.327

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1

* File 1, Run 1, Scenario 41.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.765	0.526	0.935	0.628	1.143	0.288	0.300	0.521	1.49	0.699
Composite CO :	10.35	11.23	16.00	12.42	13.40	0.589	0.450	2.423	5.70	10.798
Composite NOX :	0.954	1.011	1.329	1.091	5.332	1.147	0.931	13.041	1.02	1.798
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.320	0.558	0.380		0.288	0.300		1.050	
VOC Total Exhaust:	0.336	0.320	0.558	0.380	0.594	0.288	0.300	0.521	1.05	0.375
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.35	11.23	16.00	12.42		0.589	0.450		5.702	
CO Total Exhaust:	10.35	11.23	16.00	12.42	13.40	0.589	0.450	2.423	5.70	10.798
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.954	1.011	1.329	1.091		1.147	0.931		1.022	

	2002FRED									
NOx Total Exhaust:	0.954	1.011	1.329	1.091	5.332	1.147	0.931	13.041	1.02	1.798

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.153	0.085	0.147	0.101	0.187	0.000	0.000	0.000	0.000	0.120
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.429	0.205	0.377	0.251	0.550	0.000	0.000	0.000	0.437	0.324

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1
 * File 1, Run 1, Scenario 42.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.760	0.523	0.928	0.624	1.122	0.283	0.294	0.511	1.47	0.693
Composite CO :	10.51	11.41	16.22	12.61	13.34	0.583	0.445	2.396	5.58	10.950
Composite NOx :	0.960	1.018	1.335	1.097	5.374	1.162	0.943	13.180	1.03	1.812

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.320	0.554	0.378		0.283	0.294		1.038	
VOC Total Exhaust:	0.336	0.320	0.554	0.378	0.578	0.283	0.294	0.511	1.04	0.373

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.51	11.41	16.22	12.61		0.583	0.445		5.578	
CO Total Exhaust:	10.51	11.41	16.22	12.61	13.34	0.583	0.445	2.396	5.58	10.950

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.960	1.018	1.335	1.097		1.162	0.943		1.028	
NOx Total Exhaust:	0.960	1.018	1.335	1.097	5.374	1.162	0.943	13.180	1.03	1.812

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.148	0.083	0.143	0.098	0.181	0.000	0.000	0.000	0.000	0.116
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.425	0.203	0.374	0.248	0.544	0.000	0.000	0.000	0.437	0.320

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
 * File 1, Run 1, Scenario 43.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)

2002FRED

Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.756	0.520	0.921	0.620	1.102	0.278	0.289	0.502	1.46	0.688
Composite CO :	10.66	11.57	16.43	12.79	13.28	0.577	0.441	2.371	5.46	11.095
Composite NOX :	0.966	1.024	1.341	1.103	5.413	1.176	0.955	13.312	1.03	1.826
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.319	0.551	0.377		0.278	0.289		1.026	
VOC Total Exhaust:	0.336	0.319	0.551	0.377	0.563	0.278	0.289	0.502	1.03	0.372
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.66	11.57	16.43	12.79		0.577	0.441		5.459	
CO Total Exhaust:	10.66	11.57	16.43	12.79	13.28	0.577	0.441	2.371	5.46	11.095
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.966	1.024	1.341	1.103		1.176	0.955		1.033	
NOx Total Exhaust:	0.966	1.024	1.341	1.103	5.413	1.176	0.955	13.312	1.03	1.826
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.143	0.081	0.140	0.096	0.176	0.000	0.000	0.000	0.000	0.113
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.420	0.201	0.370	0.246	0.539	0.000	0.000	0.000	0.437	0.317

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
 * File 1, Run 1, Scenario 44.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.751	0.517	0.914	0.616	1.083	0.274	0.284	0.494	1.45	0.684
Composite CO :	10.81	11.73	16.63	12.95	13.22	0.571	0.436	2.347	5.35	11.234
Composite NOX :	0.971	1.030	1.346	1.109	5.451	1.190	0.966	13.438	1.04	1.839
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.547	0.376		0.274	0.284		1.015	
VOC Total Exhaust:	0.335	0.318	0.547	0.376	0.548	0.274	0.284	0.494	1.02	0.370
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.81	11.73	16.63	12.95		0.571	0.436		5.346	
CO Total Exhaust:	10.81	11.73	16.63	12.95	13.22	0.571	0.436	2.347	5.35	11.234
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	

					2002FRED					
NOx Running:	0.971	1.030	1.346	1.109		1.190	0.966		1.039	
NOx Total Exhaust:	0.971	1.030	1.346	1.109	5.451	1.190	0.966	13.438	1.04	1.839

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.139	0.079	0.136	0.093	0.171	0.000	0.000	0.000	0.000	0.110
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.416	0.199	0.367	0.243	0.534	0.000	0.000	0.000	0.437	0.314

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
 * File 1, Run 1, Scenario 45.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.747	0.515	0.908	0.613	1.064	0.269	0.280	0.486	1.44	0.679
Composite CO :	10.95	11.88	16.82	13.11	13.17	0.565	0.432	2.323	5.24	11.366
Composite NOX :	0.977	1.036	1.351	1.115	5.487	1.203	0.977	13.558	1.04	1.852

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.544	0.374		0.269	0.280		1.004	
VOC Total Exhaust:	0.335	0.318	0.544	0.374	0.535	0.269	0.280	0.486	1.00	0.368
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.95	11.88	16.82	13.11		0.565	0.432		5.238	
CO Total Exhaust:	10.95	11.88	16.82	13.11	13.17	0.565	0.432	2.323	5.24	11.366
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.977	1.036	1.351	1.115		1.203	0.977		1.044	
NOx Total Exhaust:	0.977	1.036	1.351	1.115	5.487	1.203	0.977	13.558	1.04	1.852

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.135	0.077	0.133	0.091	0.166	0.000	0.000	0.000	0.000	0.107
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.411	0.197	0.364	0.241	0.529	0.000	0.000	0.000	0.437	0.311

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 46.0 fredh: 01 1
 * File 1, Run 1, Scenario 46.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 46.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low

2002FRED

Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.742	0.511	0.900	0.609	1.048	0.265	0.276	0.479	1.44	0.674
Composite CO :	11.11	12.06	17.04	13.31	13.26	0.564	0.431	2.320	5.18	11.530
Composite NOX :	0.983	1.042	1.358	1.121	5.530	1.229	0.998	13.804	1.06	1.873
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.317	0.541	0.373		0.265	0.276		1.000	
VOC Total Exhaust:	0.335	0.317	0.541	0.373	0.525	0.265	0.276	0.479	1.00	0.367
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.11	12.06	17.04	13.31		0.564	0.431		5.185	
CO Total Exhaust:	11.11	12.06	17.04	13.31	13.26	0.564	0.431	2.320	5.18	11.530
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.983	1.042	1.358	1.121		1.229	0.998		1.064	
NOx Total Exhaust:	0.983	1.042	1.358	1.121	5.530	1.229	0.998	13.804	1.06	1.873
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.130	0.075	0.129	0.088	0.161	0.000	0.000	0.000	0.000	0.103
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.407	0.195	0.360	0.238	0.524	0.000	0.000	0.000	0.437	0.307

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 47.0 fredh: 01 1

* File 1, Run 1, Scenario 47.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.737	0.508	0.893	0.604	1.033	0.262	0.272	0.472	1.43	0.669
Composite CO :	11.27	12.23	17.26	13.49	13.35	0.563	0.431	2.316	5.13	11.687
Composite NOX :	0.989	1.049	1.364	1.128	5.571	1.255	1.019	14.039	1.08	1.893
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.316	0.537	0.371		0.262	0.272		0.996	
VOC Total Exhaust:	0.335	0.316	0.537	0.371	0.515	0.262	0.272	0.472	1.00	0.366
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.27	12.23	17.26	13.49		0.563	0.431		5.134	
CO Total Exhaust:	11.27	12.23	17.26	13.49	13.35	0.563	0.431	2.316	5.13	11.687

2002FRED

NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NOx Running:	0.989	1.049	1.364	1.128	1.255	1.019			1.082	
NOx Total Exhaust:	0.989	1.049	1.364	1.128	5.571	1.255	1.019	14.039	1.08	1.893

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.125	0.073	0.125	0.086	0.155	0.000	0.000	0.000	0.000	0.100
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.402	0.192	0.356	0.235	0.519	0.000	0.000	0.000	0.437	0.304

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 48.0 fredh: 01 1
 * File 1, Run 1, Scenario 48.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 48.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.732	0.505	0.886	0.600	1.019	0.258	0.269	0.466	1.43	0.665
Composite CO :	11.42	12.40	17.47	13.67	13.44	0.562	0.430	2.312	5.09	11.837
Composite NOX :	0.995	1.055	1.369	1.134	5.610	1.280	1.039	14.265	1.10	1.912

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.315	0.534	0.370		0.258	0.269		0.992	
VOC Total Exhaust:	0.335	0.315	0.534	0.370	0.506	0.258	0.269	0.466	0.99	0.364
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.42	12.40	17.47	13.67		0.562	0.430		5.086	
CO Total Exhaust:	11.42	12.40	17.47	13.67	13.44	0.562	0.430	2.312	5.09	11.837
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.995	1.055	1.369	1.134		1.280	1.039		1.100	
NOx Total Exhaust:	0.995	1.055	1.369	1.134	5.610	1.280	1.039	14.265	1.10	1.912

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.121	0.070	0.122	0.083	0.150	0.000	0.000	0.000	0.000	0.096
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.398	0.190	0.352	0.233	0.513	0.000	0.000	0.000	0.437	0.300

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 49.0 fredh: 01 1
 * File 1, Run 1, Scenario 49.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 49.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.

2002FRED

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.728	0.502	0.879	0.597	1.005	0.255	0.265	0.460	1.43	0.660
Composite CO :	11.57	12.56	17.67	13.84	13.52	0.562	0.429	2.309	5.04	11.982
Composite NOX :	1.000	1.061	1.375	1.140	5.648	1.303	1.058	14.481	1.12	1.931
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.314	0.531	0.369		0.255	0.265		0.989	
VOC Total Exhaust:	0.334	0.314	0.531	0.369	0.497	0.255	0.265	0.460	0.99	0.363
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.57	12.56	17.67	13.84		0.562	0.429		5.039	
CO Total Exhaust:	11.57	12.56	17.67	13.84	13.52	0.562	0.429	2.309	5.04	11.982
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.000	1.061	1.375	1.140		1.303	1.058		1.118	
NOx Total Exhaust:	1.000	1.061	1.375	1.140	5.648	1.303	1.058	14.481	1.12	1.931
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.117	0.068	0.118	0.081	0.145	0.000	0.000	0.000	0.000	0.093
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.394	0.188	0.348	0.230	0.508	0.000	0.000	0.000	0.437	0.297

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 50.0 fredh: 01 1

* File 1, Run 1, Scenario 50.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.724	0.500	0.872	0.593	0.992	0.252	0.262	0.455	1.42	0.656
Composite CO :	11.71	12.71	17.87	14.00	13.60	0.561	0.429	2.305	4.99	12.120
Composite NOX :	1.006	1.067	1.380	1.145	5.685	1.326	1.076	14.689	1.13	1.949
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.314	0.528	0.367		0.252	0.262		0.985	
VOC Total Exhaust:	0.334	0.314	0.528	0.367	0.488	0.252	0.262	0.455	0.99	0.362
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.71	12.71	17.87	14.00		0.561	0.429		4.994	
CO Total Exhaust:	11.71	12.71	17.87	14.00	13.60	0.561	0.429	2.305	4.99	12.120

NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
NOx Running:	1.006	1.067	1.380	1.145		1.326	1.076		1.134	
NOx Total Exhaust:	1.006	1.067	1.380	1.145	5.685	1.326	1.076	14.689	1.13	1.949

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.066	0.074
Running Loss:	0.113	0.066	0.114	0.078	0.141	0.000	0.000	0.000	0.000	0.090
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
ReFueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.390	0.186	0.345	0.228	0.504	0.000	0.000	0.000	0.437	0.294

The user supplied arterial average speed of 51.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

LEV phase-in data read from file E:\AQPR06\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: No
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Exhaust emissions (g/mi):									
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
VOC Running:	0.334	0.313	0.524	0.366		0.250	0.259		0.985
VOC Total Exhaust:	0.334	0.313	0.524	0.366	0.483	0.250	0.259	0.450	0.99
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	11.87	12.89	18.09	14.19		0.565	0.432		4.994
CO Total Exhaust:	11.87	12.89	18.09	14.19	13.87	0.565	0.432	2.325	4.99
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
NOx Running:	1.012	1.074	1.387	1.152		1.366	1.109		1.171
NOx Total Exhaust:	1.012	1.074	1.387	1.152	5.727	1.366	1.109	15.062	1.17

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 52.0 fredh: 01 1
* File 1, Run 1, Scenario 52.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
```

The user supplied arterial average speed of 52.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

Page 35

2002FRED

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.715	0.493	0.857	0.584	0.972	0.247	0.257	0.446	1.42	0.647
Composite CO :	12.03	13.06	18.31	14.37	14.13	0.570	0.436	2.343	4.99	12.450
Composite NOX :	1.019	1.080	1.393	1.158	5.768	1.405	1.141	15.421	1.21	2.005
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.312	0.520	0.364		0.247	0.257		0.985	
VOC Total Exhaust:	0.334	0.312	0.520	0.364	0.478	0.247	0.257	0.446	0.99	0.359
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.03	13.06	18.31	14.37		0.570	0.436		4.994	
CO Total Exhaust:	12.03	13.06	18.31	14.37	14.13	0.570	0.436	2.343	4.99	12.450
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.019	1.080	1.393	1.158		1.405	1.141		1.207	
NOx Total Exhaust:	1.019	1.080	1.393	1.158	5.768	1.405	1.141	15.421	1.21	2.005
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.105	0.061	0.106	0.073	0.130	0.000	0.000	0.000	0.000	0.084
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.381	0.181	0.337	0.222	0.494	0.000	0.000	0.000	0.437	0.288

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 53.0 fredh: 01 1

* File 1, Run 1, Scenario 53.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.711	0.490	0.850	0.580	0.962	0.245	0.255	0.442	1.42	0.643
Composite CO :	12.18	13.23	18.52	14.55	14.38	0.574	0.439	2.361	4.99	12.605
Composite NOX :	1.025	1.087	1.399	1.165	5.808	1.443	1.171	15.766	1.24	2.031
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.311	0.517	0.363		0.245	0.255		0.985	
VOC Total Exhaust:	0.333	0.311	0.517	0.363	0.474	0.245	0.255	0.442	0.99	0.358
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.18	13.23	18.52	14.55		0.574	0.439		4.994	

	12.18	13.23	18.52	14.55	2002FRED 14.38	0.574	0.439	2.361	4.99	12.605
CO Total Exhaust:	12.18	13.23	18.52	14.55	2002FRED 14.38	0.574	0.439	2.361	4.99	12.605
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.025	1.087	1.399	1.165		1.443	1.171		1.242	
NOx Total Exhaust:	1.025	1.087	1.399	1.165	5.808	1.443	1.171	15.766	1.24	2.031

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.101	0.059	0.102	0.070	0.126	0.000	0.000	0.000	0.000	0.081
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.377	0.179	0.333	0.219	0.489	0.000	0.000	0.000	0.437	0.285

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 54.0 fredh: 01 1
 * File 1, Run 1, Scenario 54.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
 M583 Warning:

The user supplied arterial average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.707	0.487	0.843	0.576	0.953	0.243	0.253	0.439	1.42	0.639
Composite CO :	12.33	13.39	18.72	14.72	14.62	0.578	0.442	2.378	4.99	12.755
Composite NOX :	1.031	1.093	1.405	1.171	5.846	1.479	1.201	16.099	1.28	2.057

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.311	0.514	0.362		0.243	0.253		0.985	
VOC Total Exhaust:	0.333	0.311	0.514	0.362	0.469	0.243	0.253	0.439	0.99	0.357
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.33	13.39	18.72	14.72		0.578	0.442		4.994	
CO Total Exhaust:	12.33	13.39	18.72	14.72	14.62	0.578	0.442	2.378	4.99	12.755
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.031	1.093	1.405	1.171		1.479	1.201		1.275	
NOx Total Exhaust:	1.031	1.093	1.405	1.171	5.846	1.479	1.201	16.099	1.28	2.057

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.097	0.057	0.098	0.067	0.121	0.000	0.000	0.000	0.000	0.078
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.374	0.177	0.329	0.217	0.484	0.000	0.000	0.000	0.437	0.282

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 55.0 fredh: 01 1
 * File 1, Run 1, Scenario 55.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
 M583 Warning:

The user supplied arterial average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

2002FRED

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.703	0.485	0.836	0.572	0.944	0.241	0.251	0.435	1.42	0.635
Composite CO :	12.47	13.54	18.91	14.88	14.85	0.582	0.445	2.394	4.99	12.900
Composite NOX :	1.036	1.099	1.411	1.177	5.883	1.514	1.229	16.420	1.31	2.081
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.310	0.511	0.360		0.241	0.251		0.985	
VOC Total Exhaust:	0.333	0.310	0.511	0.360	0.465	0.241	0.251	0.435	0.99	0.356
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.47	13.54	18.91	14.88		0.582	0.445		4.994	
CO Total Exhaust:	12.47	13.54	18.91	14.88	14.85	0.582	0.445	2.394	4.99	12.900
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.036	1.099	1.411	1.177		1.514	1.229		1.307	
NOx Total Exhaust:	1.036	1.099	1.411	1.177	5.883	1.514	1.229	16.420	1.31	2.081
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.093	0.055	0.095	0.065	0.116	0.000	0.000	0.000	0.000	0.075
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.370	0.175	0.325	0.214	0.479	0.000	0.000	0.000	0.437	0.279

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 56.0 fredh: 01 1
 * File 1, Run 1, Scenario 56.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.700	0.482	0.829	0.569	0.940	0.240	0.249	0.433	1.50	0.632
Composite CO :	12.63	13.72	19.14	15.07	15.33	0.593	0.453	2.439	6.28	13.079
Composite NOX :	1.043	1.105	1.417	1.183	5.925	1.573	1.277	16.966	1.34	2.120
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.309	0.507	0.359		0.240	0.249		1.061	
VOC Total Exhaust:	0.333	0.309	0.507	0.359	0.464	0.240	0.249	0.433	1.06	0.356
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

					2002FRED					
CO Running:	12.63	13.72	19.14	15.07		0.593	0.453		6.283	
CO Total Exhaust:	12.63	13.72	19.14	15.07	15.33	0.593	0.453	2.439	6.28	13.079
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.043	1.105	1.417	1.183		1.573	1.277		1.345	
NOx Total Exhaust:	1.043	1.105	1.417	1.183	5.925	1.573	1.277	16.966	1.34	2.120

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.090	0.053	0.091	0.063	0.112	0.000	0.000	0.000	0.000	0.072
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.367	0.173	0.322	0.212	0.476	0.000	0.000	0.000	0.437	0.276

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 57.0 fredh: 01 1
 * File 1, Run 1, Scenario 57.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.696	0.479	0.822	0.565	0.935	0.239	0.248	0.431	1.57	0.629
Composite CO :	12.79	13.89	19.36	15.26	15.80	0.604	0.461	2.482	7.53	13.253
Composite NOX :	1.049	1.112	1.424	1.190	5.966	1.631	1.324	17.494	1.38	2.157

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.308	0.504	0.357		0.239	0.248		1.133	
VOC Total Exhaust:	0.332	0.308	0.504	0.357	0.463	0.239	0.248	0.431	1.13	0.355
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.79	13.89	19.36	15.26		0.604	0.461		7.526	
CO Total Exhaust:	12.79	13.89	19.36	15.26	15.80	0.604	0.461	2.482	7.53	13.253
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.049	1.112	1.424	1.190		1.631	1.324		1.380	
NOx Total Exhaust:	1.049	1.112	1.424	1.190	5.966	1.631	1.324	17.494	1.38	2.157

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.087	0.051	0.088	0.060	0.109	0.000	0.000	0.000	0.000	0.070
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.364	0.171	0.319	0.210	0.472	0.000	0.000	0.000	0.437	0.274

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 58.0 fredh: 01 1
 * File 1, Run 1, Scenario 58.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

2002FRED
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.693	0.477	0.816	0.562	0.931	0.238	0.247	0.429	1.64	0.626
Composite CO :	12.94	14.05	19.57	15.43	16.26	0.614	0.469	2.523	8.73	13.420
Composite NOX :	1.055	1.118	1.430	1.196	6.005	1.686	1.369	18.003	1.42	2.193
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.308	0.500	0.356		0.238	0.247		1.203	
VOC Total Exhaust:	0.332	0.308	0.500	0.356	0.463	0.238	0.247	0.429	1.20	0.355
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.94	14.05	19.57	15.43		0.614	0.469		8.727	
CO Total Exhaust:	12.94	14.05	19.57	15.43	16.26	0.614	0.469	2.523	8.73	13.420
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.055	1.118	1.430	1.196		1.686	1.369		1.415	
NOx Total Exhaust:	1.055	1.118	1.430	1.196	6.005	1.686	1.369	18.003	1.42	2.193
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.084	0.049	0.085	0.058	0.105	0.000	0.000	0.000	0.000	0.067
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.361	0.169	0.316	0.208	0.468	0.000	0.000	0.000	0.437	0.271

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 59.0 fredh: 01 1
* File 1, Run 1, Scenario 59.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 59.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.690	0.475	0.810	0.558	0.926	0.237	0.246	0.427	1.71	0.623
Composite CO :	13.09	14.22	19.77	15.60	16.70	0.623	0.477	2.563	9.89	13.582
Composite NOX :	1.061	1.125	1.436	1.202	6.044	1.739	1.412	18.496	1.45	2.227
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.307	0.497	0.354		0.237	0.246		1.271	
VOC Total Exhaust:	0.332	0.307	0.497	0.354	0.462	0.237	0.246	0.427	1.27	0.354

2002FRED										
CO Start:	0.00	0.00	0.00	0.00	0.000	0.000			0.000	
CO Running:	13.09	14.22	19.77	15.60	0.623	0.477			9.887	
CO Total Exhaust:	13.09	14.22	19.77	15.60	16.70	0.623	0.477	2.563	9.89	13.582
NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000			0.000	
NOx Running:	1.061	1.125	1.436	1.202	1.739	1.412			1.448	
NOx Total Exhaust:	1.061	1.125	1.436	1.202	6.044	1.739	1.412	18.496	1.45	2.227

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.081	0.048	0.082	0.056	0.101	0.000	0.000	0.000	0.000	0.065
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.358	0.168	0.313	0.206	0.464	0.000	0.000	0.000	0.437	0.269

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 60.0 fredh: 01 1
 * File 1, Run 1, Scenario 60.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.687	0.472	0.804	0.555	0.922	0.236	0.245	0.426	1.77	0.620
Composite CO :	13.23	14.37	19.96	15.77	17.12	0.633	0.484	2.602	11.01	13.738
Composite NOX :	1.067	1.131	1.442	1.208	6.080	1.791	1.454	18.971	1.48	2.261

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.306	0.494	0.353		0.236	0.245		1.337	
VOC Total Exhaust:	0.332	0.306	0.494	0.353	0.461	0.236	0.245	0.426	1.34	0.354
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.23	14.37	19.96	15.77		0.633	0.484		11.008	
CO Total Exhaust:	13.23	14.37	19.96	15.77	17.12	0.633	0.484	2.602	11.01	13.738
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.067	1.131	1.442	1.208		1.791	1.454		1.481	
NOx Total Exhaust:	1.067	1.131	1.442	1.208	6.080	1.791	1.454	18.971	1.48	2.261

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.079	0.046	0.080	0.055	0.098	0.000	0.000	0.000	0.000	0.063
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.355	0.166	0.310	0.204	0.461	0.000	0.000	0.000	0.437	0.267

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 61.0 fredh: 01 1
 * File 1, Run 1, Scenario 61.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

2002FRED

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.684	0.470	0.798	0.552	0.923	0.236	0.245	0.426	1.85	0.618
Composite CO :	13.39	14.55	20.19	15.96	17.92	0.651	0.498	2.678	12.29	13.926
Composite NOX :	1.074	1.137	1.448	1.215	6.123	1.877	1.524	19.765	1.52	2.313
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.305	0.490	0.352		0.236	0.245		1.412	
VOC Total Exhaust:	0.332	0.305	0.490	0.352	0.465	0.236	0.245	0.426	1.41	0.353
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.39	14.55	20.19	15.96		0.651	0.498		12.290	
CO Total Exhaust:	13.39	14.55	20.19	15.96	17.92	0.651	0.498	2.678	12.29	13.926
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.074	1.137	1.448	1.215		1.877	1.524		1.518	
NOx Total Exhaust:	1.074	1.137	1.448	1.215	6.123	1.877	1.524	19.765	1.52	2.313
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.076	0.045	0.077	0.053	0.095	0.000	0.000	0.000	0.000	0.061
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.353	0.165	0.308	0.202	0.458	0.000	0.000	0.000	0.437	0.265

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 62.0 fredh: 01 1

* File 1, Run 1, Scenario 62.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.682	0.468	0.792	0.549	0.923	0.236	0.245	0.426	1.92	0.616
Composite CO :	13.55	14.72	20.40	16.14	18.69	0.669	0.512	2.752	13.53	14.107
Composite NOX :	1.080	1.144	1.455	1.222	6.163	1.961	1.592	20.533	1.55	2.364
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.305	0.487	0.350		0.236	0.245		1.484	
VOC Total Exhaust:	0.331	0.305	0.487	0.350	0.468	0.236	0.245	0.426	1.48	0.353

2002FRED

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.55	14.72	20.40	16.14		0.669	0.512		13.530	
CO Total Exhaust:	13.55	14.72	20.40	16.14	18.69	0.669	0.512	2.752	13.53	14.107
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.080	1.144	1.455	1.222		1.961	1.592		1.554	
NOx Total Exhaust:	1.080	1.144	1.455	1.222	6.163	1.961	1.592	20.533	1.55	2.364

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.074	0.043	0.075	0.051	0.092	0.000	0.000	0.000	0.000	0.059
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.350	0.163	0.305	0.201	0.455	0.000	0.000	0.000	0.437	0.263

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 63.0 fredh: 01 1
 * File 1, Run 1, Scenario 63.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.679	0.466	0.786	0.546	0.923	0.236	0.245	0.426	1.99	0.614
Composite CO :	13.70	14.88	20.61	16.32	19.43	0.687	0.525	2.823	14.73	14.283
Composite NOX :	1.086	1.150	1.461	1.228	6.203	2.042	1.658	21.276	1.59	2.413

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.304	0.483	0.349		0.236	0.245		1.554	
VOC Total Exhaust:	0.331	0.304	0.483	0.349	0.471	0.236	0.245	0.426	1.55	0.353

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.70	14.88	20.61	16.32		0.687	0.525		14.731	
CO Total Exhaust:	13.70	14.88	20.61	16.32	19.43	0.687	0.525	2.823	14.73	14.283

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.086	1.150	1.461	1.228		2.042	1.658		1.588	
NOx Total Exhaust:	1.086	1.150	1.461	1.228	6.203	2.042	1.658	21.276	1.59	2.413

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.071	0.042	0.072	0.050	0.089	0.000	0.000	0.000	0.000	0.057
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.348	0.162	0.303	0.199	0.452	0.000	0.000	0.000	0.437	0.261

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 64.0 fredh: 01 1
 * File 1, Run 1, Scenario 64.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:

2002FRED

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.677	0.464	0.781	0.543	0.923	0.236	0.245	0.426	2.06	0.612
Composite CO :	13.85	15.04	20.82	16.49	20.16	0.704	0.538	2.893	15.89	14.453
Composite NOX :	1.092	1.157	1.467	1.234	6.241	2.120	1.721	21.997	1.62	2.461
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.303	0.480	0.347		0.236	0.245		1.622	
VOC Total Exhaust:	0.331	0.303	0.480	0.347	0.474	0.236	0.245	0.426	1.62	0.352
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.85	15.04	20.82	16.49		0.704	0.538		15.894	
CO Total Exhaust:	13.85	15.04	20.82	16.49	20.16	0.704	0.538	2.893	15.89	14.453
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.092	1.157	1.467	1.234		2.120	1.721		1.622	
NOx Total Exhaust:	1.092	1.157	1.467	1.234	6.241	2.120	1.721	21.997	1.62	2.461
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.069	0.041	0.070	0.048	0.086	0.000	0.000	0.000	0.000	0.055
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.346	0.160	0.301	0.197	0.449	0.000	0.000	0.000	0.437	0.259

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 65.0 fredh: 01 1

* File 1, Run 1, Scenario 65.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.674	0.462	0.775	0.540	0.924	0.236	0.245	0.426	2.12	0.610
Composite CO :	13.99	15.20	21.01	16.65	20.86	0.720	0.550	2.960	17.02	14.619
Composite NOX :	1.098	1.163	1.473	1.240	6.278	2.196	1.783	22.695	1.65	2.507
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.302	0.477	0.346		0.236	0.245		1.688	

					2002FRED					
VOC Total Exhaust:	0.331	0.302	0.477	0.346	0.477	0.236	0.245	0.426	1.69	0.352
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.99	15.20	21.01	16.65		0.720	0.550		17.022	
CO Total Exhaust:	13.99	15.20	21.01	16.65	20.86	0.720	0.550	2.960	17.02	14.619
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.098	1.163	1.473	1.240		2.196	1.783		1.654	
NOx Total Exhaust:	1.098	1.163	1.473	1.240	6.278	2.196	1.783	22.695	1.65	2.507

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.067	0.039	0.068	0.047	0.084	0.000	0.000	0.000	0.000	0.054
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.344	0.159	0.298	0.196	0.447	0.000	0.000	0.000	0.437	0.258

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1
 * File 1, Run 1, Scenario 66.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 M 52 Warning:
 1.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	9.916	6.282	11.266	7.528	15.285	1.147	1.192	2.069	9.42	8.459
Composite CO :	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
Composite NOX :	1.978	2.137	2.709	2.280	3.805	2.206	1.791	26.246	0.85	3.517

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979	
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.177	1.147	1.192	2.069	8.98	2.625
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516	
CO Total Exhaust:	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.978	2.137	2.709	2.280		2.206	1.791		0.848	
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.805	2.206	1.791	26.246	0.85	3.517

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	7.173	4.028	6.900	4.746	8.744	0.000	0.000	0.000	0.000	5.631
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437	5.835

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1
 * File 1, Run 1, Scenario 67.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
 M 52 Warning:
 2.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

2002FRED

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	9.916	6.282	11.266	7.528	15.285	1.147	1.192	2.069	9.42	8.459
Composite CO :	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
Composite NOX :	1.978	2.137	2.709	2.280	3.805	2.206	1.791	26.246	0.85	3.517
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979	
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.177	1.147	1.192	2.069	8.98	2.625
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516	
CO Total Exhaust:	44.58	43.03	68.53	49.40	92.03	3.790	2.897	15.580	92.52	46.074
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.978	2.137	2.709	2.280		2.206	1.791		0.848	
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.805	2.206	1.791	26.246	0.85	3.517
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	7.173	4.028	6.900	4.746	8.744	0.000	0.000	0.000	0.000	5.631
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437	5.835

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1
 * File 1, Run 1, Scenario 68.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	7.804	5.006	8.974	5.998	12.720	1.100	1.144	1.985	8.29	6.732
Composite CO :	37.42	36.55	57.74	41.84	85.86	3.558	2.719	14.626	79.44	39.139

Composite NOX :	1.899	2.045	2.591	2.182	2002FRED 3.838	2.132	1.731	25.561	0.82	3.398

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.100	1.849	3.552	2.275		1.100	1.144		7.851	
VOC Total Exhaust:	2.100	1.849	3.552	2.275	5.759	1.100	1.144	1.985	7.85	2.275

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	37.42	36.55	57.74	41.84		3.558	2.719		79.442	
CO Total Exhaust:	37.42	36.55	57.74	41.84	85.86	3.558	2.719	14.626	79.44	39.139

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.899	2.045	2.591	2.182		2.132	1.731		0.819	
NOx Total Exhaust:	1.899	2.045	2.591	2.182	3.838	2.132	1.731	25.561	0.82	3.398

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	5.427	3.037	5.192	3.575	6.598	0.000	0.000	0.000	0.000	4.253
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	5.703	3.157	5.422	3.754	6.961	0.000	0.000	0.000	0.437	4.457

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1

* File 1, Run 1, Scenario 69.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	5.164	3.410	6.109	4.085	9.514	1.042	1.083	1.881	6.88	4.573
Composite CO :	28.47	28.45	44.26	32.40	78.16	3.268	2.498	13.434	63.10	30.471
Composite NOX :	1.801	1.931	2.443	2.059	3.879	2.039	1.655	24.705	0.78	3.250

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.643	1.493	2.822	1.825		1.042	1.083		6.440	
VOC Total Exhaust:	1.643	1.493	2.822	1.825	5.237	1.042	1.083	1.881	6.44	1.838

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	28.47	28.45	44.26	32.40		3.268	2.498		63.101	
CO Total Exhaust:	28.47	28.45	44.26	32.40	78.16	3.268	2.498	13.434	63.10	30.471

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.801	1.931	2.443	2.059		2.039	1.655		0.783	
NOx Total Exhaust:	1.801	1.931	2.443	2.059	3.879	2.039	1.655	24.705	0.78	3.250

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	3.244	1.797	3.056	2.112	3.915	0.000	0.000	0.000	0.000	2.531
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	3.521	1.917	3.287	2.279	4.278	0.000	0.000	0.000	0.437	2.735

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 5.00 fredh: 01 1

* File 1, Run 1, Scenario 70.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

2002FRED

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	3.580	2.452	4.390	2.937	7.591	1.008	1.047	1.818	6.03	3.277
Composite CO :	23.10	23.59	36.17	26.73	73.53	3.094	2.365	12.718	53.30	25.270
Composite NOx :	1.741	1.862	2.355	1.985	3.904	1.983	1.610	24.192	0.76	3.161

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.368	1.279	2.384	1.555		1.008	1.047		5.594	
VOC Total Exhaust:	1.368	1.279	2.384	1.555	4.923	1.008	1.047	1.818	5.59	1.576

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	23.10	23.59	36.17	26.73		3.094	2.365		53.296	
CO Total Exhaust:	23.10	23.59	36.17	26.73	73.53	3.094	2.365	12.718	53.30	25.270

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.741	1.862	2.355	1.985		1.983	1.610		0.762	
NOx Total Exhaust:	1.741	1.862	2.355	1.985	3.904	1.983	1.610	24.192	0.76	3.161

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.935	1.054	1.775	1.234	2.305	0.000	0.000	0.000	0.000	1.497
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	2.212	1.174	2.005	1.393	2.668	0.000	0.000	0.000	0.437	1.701

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 6.00 fredh: 01 1

* File 1, Run 1, Scenario 71.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	2.958	2.024	3.629	2.426	6.545	0.935	0.972	1.688	5.17	2.726

2002FRED

Composite CO :	19.64	20.27	30.82	22.91	65.33	2.773	2.120	11.402	44.07	21.654
Composite NOX :	1.545	1.651	2.106	1.764	3.970	1.870	1.519	23.156	0.74	2.914

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.143	1.072	2.000	1.304		0.935	0.972		4.738	
VOC Total Exhaust:	1.143	1.072	2.000	1.304	4.357	0.935	0.972	1.688	4.74	1.335

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	19.64	20.27	30.82	22.91		2.773	2.120		44.065	
CO Total Exhaust:	19.64	20.27	30.82	22.91	65.33	2.773	2.120	11.402	44.07	21.654

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.545	1.651	2.106	1.764		1.870	1.519		0.737	
NOx Total Exhaust:	1.545	1.651	2.106	1.764	3.970	1.870	1.519	23.156	0.74	2.914

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.538	0.833	1.399	0.974	1.825	0.000	0.000	0.000	0.000	1.187
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.815	0.953	1.629	1.131	2.188	0.000	0.000	0.000	0.437	1.391

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
 * File 1, Run 1, Scenario 72.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	2.514	1.719	3.086	2.060	5.798	0.884	0.919	1.595	4.56	2.332
Composite CO :	17.16	17.90	27.00	20.17	59.47	2.545	1.945	10.462	37.47	19.071
Composite NOX :	1.406	1.500	1.929	1.607	4.017	1.790	1.453	22.416	0.72	2.738

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.983	0.924	1.726	1.124		0.884	0.919		4.127	
VOC Total Exhaust:	0.983	0.924	1.726	1.124	3.953	0.884	0.919	1.595	4.13	1.163

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	17.16	17.90	27.00	20.17		2.545	1.945		37.472	
CO Total Exhaust:	17.16	17.90	27.00	20.17	59.47	2.545	1.945	10.462	37.47	19.071

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.406	1.500	1.929	1.607		1.790	1.453		0.720	
NOx Total Exhaust:	1.406	1.500	1.929	1.607	4.017	1.790	1.453	22.416	0.72	2.738

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.255	0.675	1.130	0.789	1.482	0.000	0.000	0.000	0.000	0.965
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.531	0.795	1.360	0.944	1.845	0.000	0.000	0.000	0.437	1.169

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
 * File 1, Run 1, Scenario 73.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for

all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.181	1.489	2.679	1.787	5.238	0.845	0.878	1.525	4.11	2.037
Composite CO :	15.30	16.12	24.13	18.12	55.07	2.373	1.814	9.757	32.53	17.134
Composite NOX :	1.301	1.387	1.796	1.489	4.052	1.730	1.404	21.861	0.71	2.606
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.862	0.813	1.520	0.990		0.845	0.878		3.668	
VOC Total Exhaust:	0.862	0.813	1.520	0.990	3.650	0.845	0.878	1.525	3.67	1.034
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	15.30	16.12	24.13	18.12		2.373	1.814		32.527	
CO Total Exhaust:	15.30	16.12	24.13	18.12	55.07	2.373	1.814	9.757	32.53	17.134
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.301	1.387	1.796	1.489		1.730	1.404		0.707	
NOx Total Exhaust:	1.301	1.387	1.796	1.489	4.052	1.730	1.404	21.861	0.71	2.606
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	1.042	0.556	0.928	0.649	1.224	0.000	0.000	0.000	0.000	0.799
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.319	0.676	1.159	0.803	1.587	0.000	0.000	0.000	0.437	1.003

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1

* File 1, Run 1, Scenario 74.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

2002FRED										
Composite VOC :	1.922	1.311	2.362	1.574	4.802	0.815	0.847	1.471	3.75	1.807
Composite CO :	13.86	14.74	21.90	16.53	51.66	2.240	1.712	9.208	28.68	15.627
Composite NOX :	1.219	1.299	1.692	1.397	4.080	1.683	1.366	21.430	0.70	2.503

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.769	0.727	1.360	0.885		0.815	0.847		3.312	
VOC Total Exhaust:	0.769	0.727	1.360	0.885	3.414	0.815	0.847	1.471	3.31	0.934

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.86	14.74	21.90	16.53		2.240	1.712		28.681	
CO Total Exhaust:	13.86	14.74	21.90	16.53	51.66	2.240	1.712	9.208	28.68	15.627

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.219	1.299	1.692	1.397		1.683	1.366		0.696	
NOx Total Exhaust:	1.219	1.299	1.692	1.397	4.080	1.683	1.366	21.430	0.70	2.503

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.877	0.464	0.771	0.541	1.024	0.000	0.000	0.000	0.000	0.670
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.153	0.584	1.002	0.694	1.387	0.000	0.000	0.000	0.437	0.874

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1

* File 1, Run 1, Scenario 75.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.715	1.168	2.108	1.403	4.453	0.791	0.822	1.427	3.46	1.624
Composite CO :	12.70	13.63	20.12	15.25	48.92	2.133	1.631	8.770	25.60	14.422
Composite NOX :	1.154	1.228	1.609	1.323	4.102	1.645	1.336	21.084	0.69	2.421

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.694	0.658	1.232	0.801		0.791	0.822		3.026	
VOC Total Exhaust:	0.694	0.658	1.232	0.801	3.226	0.791	0.822	1.427	3.03	0.853

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.70	13.63	20.12	15.25		2.133	1.631		25.604	
CO Total Exhaust:	12.70	13.63	20.12	15.25	48.92	2.133	1.631	8.770	25.60	14.422

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.154	1.228	1.609	1.323		1.645	1.336		0.688	
NOx Total Exhaust:	1.154	1.228	1.609	1.323	4.102	1.645	1.336	21.084	0.69	2.421

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.744	0.391	0.646	0.454	0.864	0.000	0.000	0.000	0.000	0.566
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.021	0.510	0.876	0.607	1.227	0.000	0.000	0.000	0.437	0.770

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1

* File 1, Run 1, Scenario 76.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 11.0
will be used for all hours of the day. 100% of VMT

has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* # # # # # # # # # # # # # # # # # # # # # # # #  
* St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1  
* File 1, Run 1, Scenario 77.  
* # # # # # # # # # # # # # # # # # # # # # # # #  
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp  
M581 Warning:  
The user supplied freeway average speed of 12.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 52

2002FRED

Composite Emission Factors (g/mi):

Composite VOC :	1.470	0.983	1.792	1.185	3.794	0.713	0.741	1.286	3.03	1.388
Composite CO :	11.41	12.28	18.06	13.73	41.66	1.836	1.404	7.549	21.12	12.883
Composite NOX :	1.012	1.076	1.431	1.165	4.201	1.530	1.242	20.022	0.70	2.227

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.578	0.541	1.026	0.662		0.713	0.741		2.588	
VOC Total Exhaust:	0.578	0.541	1.026	0.662	2.715	0.713	0.741	1.286	2.59	0.715

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.41	12.28	18.06	13.73		1.836	1.404		21.117	
CO Total Exhaust:	11.41	12.28	18.06	13.73	41.66	1.836	1.404	7.549	21.12	12.883

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.012	1.076	1.431	1.165		1.530	1.242		0.696	
NOx Total Exhaust:	1.012	1.076	1.431	1.165	4.201	1.530	1.242	20.022	0.70	2.227

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.615	0.323	0.535	0.376	0.716	0.000	0.000	0.000	0.000	0.468
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.892	0.442	0.766	0.528	1.079	0.000	0.000	0.000	0.437	0.672

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1

* File 1, Run 1, Scenario 78.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 13.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	1.376	0.912	1.670	1.101	3.540	0.683	0.710	1.232	2.86	1.297
Composite CO :	10.91	11.76	17.27	13.14	38.86	1.722	1.316	7.080	19.39	12.292
Composite NOX :	0.958	1.018	1.362	1.104	4.239	1.485	1.206	19.614	0.70	2.152

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.533	0.495	0.947	0.608		0.683	0.710		2.420	
VOC Total Exhaust:	0.533	0.495	0.947	0.608	2.518	0.683	0.710	1.232	2.42	0.662

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.91	11.76	17.27	13.14		1.722	1.316		19.391	
CO Total Exhaust:	10.91	11.76	17.27	13.14	38.86	1.722	1.316	7.080	19.39	12.292

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.958	1.018	1.362	1.104		1.485	1.206		0.700	
NOx Total Exhaust:	0.958	1.018	1.362	1.104	4.239	1.485	1.206	19.614	0.70	2.152

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.566	0.296	0.493	0.345	0.659	0.000	0.000	0.000	0.000	0.431
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.842	0.416	0.723	0.497	1.022	0.000	0.000	0.000	0.437	0.635

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1

* File 1, Run 1, Scenario 79.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 14.0

2002FRED

will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.295	0.851	1.566	1.029	3.323	0.657	0.683	1.186	2.71	1.219
Composite CO :	10.48	11.32	16.59	12.64	36.46	1.624	1.241	6.677	17.91	11.784
Composite NOX :	0.911	0.968	1.304	1.052	4.271	1.447	1.175	19.264	0.70	2.088
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.495	0.457	0.879	0.562		0.657	0.683		2.275	
VOC Total Exhaust:	0.495	0.457	0.879	0.562	2.349	0.657	0.683	1.186	2.28	0.617
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.48	11.32	16.59	12.64		1.624	1.241		17.912	
CO Total Exhaust:	10.48	11.32	16.59	12.64	36.46	1.624	1.241	6.677	17.91	11.784
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.911	0.968	1.304	1.052		1.447	1.175		0.702	
NOx Total Exhaust:	0.911	0.968	1.304	1.052	4.271	1.447	1.175	19.264	0.70	2.088
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.523	0.274	0.456	0.320	0.610	0.000	0.000	0.000	0.000	0.398
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.800	0.394	0.686	0.471	0.973	0.000	0.000	0.000	0.437	0.602

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
* File 1, Run 1, Scenario 80.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 15.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

2002FRED

Composite Emission Factors (g/mi):										
Composite VOC :	1.225	0.798	1.475	0.967	3.134	0.635	0.660	1.145	2.59	1.151
Composite CO :	10.11	10.93	16.00	12.20	34.39	1.539	1.177	6.328	16.63	11.345
Composite NOX :	0.871	0.924	1.253	1.006	4.299	1.414	1.148	18.960	0.70	2.032
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.462	0.423	0.820	0.522		0.635	0.660		2.150	
VOC Total Exhaust:	0.462	0.423	0.820	0.522	2.203	0.635	0.660	1.145	2.15	0.577
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.11	10.93	16.00	12.20		1.539	1.177		16.630	
CO Total Exhaust:	10.11	10.93	16.00	12.20	34.39	1.539	1.177	6.328	16.63	11.345
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.871	0.924	1.253	1.006		1.414	1.148		0.705	
NOx Total Exhaust:	0.871	0.924	1.253	1.006	4.299	1.414	1.148	18.960	0.70	2.032
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.486	0.255	0.424	0.297	0.568	0.000	0.000	0.000	0.000	0.370
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.763	0.374	0.655	0.448	0.931	0.000	0.000	0.000	0.437	0.574

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1

* File 1, Run 1, Scenario 81.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 16.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.173	0.768	1.421	0.932	2.933	0.606	0.630	1.094	2.49	1.103
Composite CO :	10.00	10.82	15.81	12.07	32.18	1.445	1.105	5.941	15.60	11.158
Composite NOX :	0.877	0.931	1.259	1.013	4.349	1.376	1.117	18.605	0.72	2.019
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.449	0.413	0.797	0.509		0.606	0.630		2.049	
VOC Total Exhaust:	0.449	0.413	0.797	0.509	2.045	0.606	0.630	1.094	2.05	0.558
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.00	10.82	15.81	12.07		1.445	1.105		15.597	
CO Total Exhaust:	10.00	10.82	15.81	12.07	32.18	1.445	1.105	5.941	15.60	11.158
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.877	0.931	1.259	1.013		1.376	1.117		0.721	
NOx Total Exhaust:	0.877	0.931	1.259	1.013	4.349	1.376	1.117	18.605	0.72	2.019
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.447	0.235	0.394	0.275	0.525	0.000	0.000	0.000	0.000	0.341
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.724	0.355	0.625	0.426	0.888	0.000	0.000	0.000	0.437	0.545

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1

* File 1, Run 1, Scenario 82.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 17.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

M581 Warning: The user supplied freeway average speed of 18.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```

M 48 Warning:
      there are no sales for vehicle class HDGV8b

```

Calendar Year:	2092
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	27.9 ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 56


```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1
* File 1, Run 1, Scenario 85.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
Page 57
```

M581 Warning:
The user supplied freeway average speed of 20.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

M615 Comment: User supplied VMT mix.

```

M 48 Warning:
      there are no sales for vehicle class HDGV8b

```

```
Data read from file: E:\Data\ROGMOBILE
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm
```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.017	0.681	1.258	0.825	2.329	0.521	0.541	0.940	2.18	0.959
Composite CO :	9.68	10.47	15.25	11.67	25.54	1.163	0.889	4.779	12.50	10.598
Composite NOX :	0.897	0.952	1.277	1.033	4.497	1.260	1.023	17.538	0.77	1.980
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.411	0.384	0.725	0.469		0.521	0.541		1.746	
VOC Total Exhaust:	0.411	0.384	0.725	0.469	1.569	0.521	0.541	0.940	1.75	0.501
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.68	10.47	15.25	11.67		1.163	0.889		12.499	
CO Total Exhaust:	9.68	10.47	15.25	11.67	25.54	1.163	0.889	4.779	12.50	10.598
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.897	0.952	1.277	1.033		1.260	1.023		0.769	
NOx Total Exhaust:	0.897	0.952	1.277	1.033	4.497	1.260	1.023	17.538	0.77	1.980
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.330	0.177	0.303	0.208	0.397	0.000	0.000	0.000	0.000	0.255
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.607	0.297	0.534	0.359	0.760	0.000	0.000	0.000	0.437	0.450

```
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
```

M581 Warning: The user supplied freeway average speed of 21.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
M615 Comment: User supplied VMT mix.
```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Data Feat From Site E:	APROGMOBILE
Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.974	0.654	1.205	0.792	2.109	0.483	0.502	0.871	2.07	0.914
Composite CO :	9.57	10.35	15.04	11.52	23.04	1.052	0.804	4.324	11.35	10.391
Composite NOx :	0.904	0.959	1.284	1.041	4.587	1.216	0.987	17.132	0.80	1.965
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.397	0.373	0.699	0.455		0.483	0.502		1.633	
VOC Total Exhaust:	0.397	0.373	0.699	0.455	1.385	0.483	0.502	0.871	1.63	0.479
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.57	10.35	15.04	11.52		1.052	0.804		11.348	
CO Total Exhaust:	9.57	10.35	15.04	11.52	23.04	1.052	0.804	4.324	11.35	10.391
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.904	0.959	1.284	1.041		1.216	0.987		0.805	
NOx Total Exhaust:	0.904	0.959	1.284	1.041	4.587	1.216	0.987	17.132	0.80	1.965
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.301	0.161	0.276	0.190	0.361	0.000	0.000	0.000	0.000	0.232
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.577	0.281	0.506	0.340	0.724	0.000	0.000	0.000	0.437	0.436

Page 59

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp 2002FRED
M581 Warning: SCENARIO: 88 RoadType: Non-Ramp

The user supplied freeway average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.955	0.643	1.182	0.777	2.014	0.466	0.484	0.841	2.02	0.895
Composite CO :	9.52	10.29	14.95	11.46	21.95	1.004	0.767	4.126	10.85	10.301
Composite NOX :	0.907	0.963	1.287	1.044	4.626	1.196	0.971	16.955	0.82	1.959
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.391	0.369	0.687	0.448		0.466	0.484		1.583	
VOC Total Exhaust:	0.391	0.369	0.687	0.448	1.305	0.466	0.484	0.841	1.58	0.469
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.52	10.29	14.95	11.46		1.004	0.767		10.847	
CO Total Exhaust:	9.52	10.29	14.95	11.46	21.95	1.004	0.767	4.126	10.85	10.301
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.907	0.963	1.287	1.044		1.196	0.971		0.820	
NOx Total Exhaust:	0.907	0.963	1.287	1.044	4.626	1.196	0.971	16.955	0.82	1.959
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.288	0.154	0.264	0.182	0.346	0.000	0.000	0.000	0.000	0.222
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.564	0.274	0.494	0.332	0.709	0.000	0.000	0.000	0.437	0.426

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 24.0 fredh: 01 1
* File 1, Run 1, Scenario 89.

* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 24.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

GVWR:		<6000	>6000	(All)	2002FRED					
VMT Distribution:		0.4621	0.3343	0.1114	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.938	0.632	1.160	0.764	1.926	0.451	0.469	0.813	1.98	0.877
Composite CO :	9.47	10.24	14.87	11.40	20.96	0.959	0.733	3.944	10.39	10.218
Composite NOX :	0.910	0.966	1.289	1.047	4.662	1.179	0.957	16.793	0.83	1.953
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.385	0.364	0.677	0.443		0.451	0.469		1.538	
VOC Total Exhaust:	0.385	0.364	0.677	0.443	1.232	0.451	0.469	0.813	1.54	0.460
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.47	10.24	14.87	11.40		0.959	0.733		10.388	
CO Total Exhaust:	9.47	10.24	14.87	11.40	20.96	0.959	0.733	3.944	10.39	10.218
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.910	0.966	1.289	1.047		1.179	0.957		0.835	
NOx Total Exhaust:	0.910	0.966	1.289	1.047	4.662	1.179	0.957	16.793	0.83	1.953
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.276	0.148	0.253	0.174	0.332	0.000	0.000	0.000	0.000	0.213
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.553	0.268	0.483	0.325	0.695	0.000	0.000	0.000	0.437	0.417

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1
 * File 1, Run 1, Scenario 90.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.922	0.622	1.141	0.752	1.846	0.437	0.454	0.788	1.93	0.861
Composite CO :	9.43	10.20	14.79	11.35	20.04	0.919	0.702	3.777	9.97	10.142
Composite NOX :	0.912	0.968	1.292	1.049	4.695	1.163	0.944	16.644	0.85	1.948
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.380	0.361	0.667	0.437		0.437	0.454		1.497	
VOC Total Exhaust:	0.380	0.361	0.667	0.437	1.164	0.437	0.454	0.788	1.50	0.452
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.43	10.20	14.79	11.35		0.919	0.702		9.966	
CO Total Exhaust:	9.43	10.20	14.79	11.35	20.04	0.919	0.702	3.777	9.97	10.142
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.912	0.968	1.292	1.049		1.163	0.944		0.848	
NOx Total Exhaust:	0.912	0.968	1.292	1.049	4.695	1.163	0.944	16.644	0.85	1.948
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.265	0.142	0.243	0.167	0.318	0.000	0.000	0.000	0.000	0.204
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.542	0.262	0.473	0.318	0.682	0.000	0.000	0.000	0.437	0.408

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 26.0 fredh: 01 1
 * File 1, Run 1, Scenario 91.

```
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
*F04 Warning:
```

```
M581 Warning: The user supplied freeway average speed of 26.0
               will be used for all hours of the day. 100% of VMT
               has been assigned to the freeway roadway type for
               all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M015 Comment:
```

```

M615 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.906	0.613	1.122	0.741	1.772	0.422	0.439	0.762	1.89	0.845
Composite CO :	9.39	10.15	14.72	11.30	19.25	0.882	0.674	3.627	9.54	10.073
Composite NOx :	0.915	0.971	1.294	1.052	4.741	1.151	0.934	16.536	0.86	1.945
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.375	0.357	0.658	0.432		0.422	0.439		1.454	
VOC Total Exhaust:	0.375	0.357	0.658	0.432	1.103	0.422	0.439	0.762	1.45	0.445
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.39	10.15	14.72	11.30		0.882	0.674		9.544	
CO Total Exhaust:	9.39	10.15	14.72	11.30	19.25	0.882	0.674	3.627	9.54	10.073
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.915	0.971	1.294	1.052		1.151	0.934		0.865	
NOx Total Exhaust:	0.915	0.971	1.294	1.052	4.741	1.151	0.934	16.536	0.86	1.945
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.255	0.136	0.234	0.161	0.306	0.000	0.000	0.000	0.000	0.196
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.531	0.256	0.464	0.311	0.669	0.000	0.000	0.000	0.437	0.400

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1
* File 1, Run 1, Scenario 92.
```

```
* #####
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Non-Ramp      SCENARIO: 92      RoadType: Non-Ramp
```

M581 Warning:
The user supplied freeway average speed of 27.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```

M615 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b

```

LEV phase-in data read from file E:\A0PROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
* File 1, Run 1, Scenario 93.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
  M581 Warning:
    The user supplied freeway average speed of 28.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
  M615 Comment:
    User supplied VMT mix.

  M 48 Warning:
    there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
  Calendar Year: 2002
  Month: Jan.
  Altitude: Low
  Minimum Temperature: 33.0 (F)
  Maximum Temperature: 53.0 (F)
  Absolute Humidity: 75. grains/lb
  Nominal Fuel RVP: 12.9 psi
  Weathered RVP: 12.9 psi
  Fuel Sulfur Content: 279. ppm

  Exhaust I/M Program: Yes
  Evap I/M Program: No
  ATP Program: Yes
  Reformulated Gas: No

  Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
  Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
  Alcohol Blend RVP Waiver: No
```

```
* #####
* St & Cnty: 24021 Fred    MY: 2002    Speed: 29.0    fredh: 01 1
```


Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.856	0.583	1.062	0.703	1.528	0.374	0.389	0.676	1.75	0.793
Composite CO :	9.26	10.01	14.49	11.13	16.61	0.760	0.581	3.125	8.13	9.843
Composite NOX :	0.922	0.979	1.302	1.060	4.893	1.112	0.903	16.176	0.92	1.936
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.359	0.345	0.629	0.416		0.374	0.389		1.310	
VOC Total Exhaust:	0.359	0.345	0.629	0.416	0.901	0.374	0.389	0.676	1.31	0.420
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.26	10.01	14.49	11.13		0.760	0.581		8.134	
CO Total Exhaust:	9.26	10.01	14.49	11.13	16.61	0.760	0.581	3.125	8.13	9.843
NOX Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOX Running:	0.922	0.979	1.302	1.060		1.112	0.903		0.921	
NOX Total Exhaust:	0.922	0.979	1.302	1.060	4.893	1.112	0.903	16.176	0.92	1.936
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.220	0.118	0.203	0.139	0.264	0.000	0.000	0.000	0.000	0.170
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.496	0.238	0.433	0.289	0.627	0.000	0.000	0.000	0.437	0.374

[illegible]

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.843	0.575	1.044	0.692	1.479	0.364	0.378	0.657	1.71	0.780
Composite CO :	9.30	10.06	14.54	11.18	16.15	0.737	0.563	3.030	7.83	9.864
Composite NOx :	0.923	0.980	1.302	1.060	4.938	1.109	0.901	16.155	0.93	1.936
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.354	0.340	0.617	0.410		0.364	0.378		1.277	
VOC Total Exhaust:	0.354	0.340	0.617	0.410	0.861	0.364	0.378	0.657	1.28	0.412
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.30	10.06	14.54	11.18		0.737	0.563		7.828	
CO Total Exhaust:	9.30	10.06	14.54	11.18	16.15	0.737	0.563	3.030	7.83	9.864
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.060		1.109	0.901		0.934	
NOx Total Exhaust:	0.923	0.980	1.302	1.060	4.938	1.109	0.901	16.155	0.93	1.936
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.212	0.114	0.196	0.135	0.255	0.000	0.000	0.000	0.000	0.164
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.489	0.234	0.426	0.285	0.618	0.000	0.000	0.000	0.437	0.368

2002FRED

* St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1

* File 1, Run 1, Scenario 97.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 32.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.831	0.567	1.027	0.682	1.434	0.354	0.368	0.639	1.68	0.768
Composite CO :	9.33	10.10	14.59	11.23	15.71	0.715	0.547	2.941	7.54	9.884
Composite NOX :	0.923	0.980	1.302	1.060	4.980	1.107	0.899	16.135	0.95	1.936

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.350	0.336	0.607	0.404		0.354	0.368		1.246	
VOC Total Exhaust:	0.350	0.336	0.607	0.404	0.824	0.354	0.368	0.639	1.25	0.405

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.33	10.10	14.59	11.23		0.715	0.547		7.540	
CO Total Exhaust:	9.33	10.10	14.59	11.23	15.71	0.715	0.547	2.941	7.54	9.884

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.060		1.107	0.899		0.946	
NOx Total Exhaust:	0.923	0.980	1.302	1.060	4.980	1.107	0.899	16.135	0.95	1.936

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.205	0.111	0.190	0.130	0.247	0.000	0.000	0.000	0.000	0.158
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.481	0.231	0.420	0.281	0.610	0.000	0.000	0.000	0.437	0.362

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 33.0 fredh: 01 1

* File 1, Run 1, Scenario 98.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

2002FRED
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.820	0.559	1.011	0.672	1.391	0.345	0.359	0.622	1.65	0.756
Composite CO :	9.37	10.15	14.64	11.27	15.30	0.695	0.531	2.857	7.27	9.902
Composite NOX :	0.923	0.980	1.302	1.061	5.019	1.105	0.897	16.116	0.96	1.936

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.345	0.332	0.597	0.398		0.345	0.359		1.218	
VOC Total Exhaust:	0.345	0.332	0.597	0.398	0.790	0.345	0.359	0.622	1.22	0.399

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.37	10.15	14.64	11.27		0.695	0.531		7.270	
CO Total Exhaust:	9.37	10.15	14.64	11.27	15.30	0.695	0.531	2.857	7.27	9.902

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.061		1.105	0.897		0.957	
NOx Total Exhaust:	0.923	0.980	1.302	1.061	5.019	1.105	0.897	16.116	0.96	1.936

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.198	0.107	0.184	0.126	0.239	0.000	0.000	0.000	0.000	0.153
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.474	0.227	0.414	0.276	0.602	0.000	0.000	0.000	0.437	0.357

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 34.0 fredh: 01 1
 * File 1, Run 1, Scenario 99.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.809	0.552	0.996	0.663	1.351	0.336	0.350	0.607	1.63	0.745
Composite CO :	9.40	10.18	14.68	11.31	14.92	0.676	0.517	2.779	7.02	9.920
Composite NOX :	0.923	0.980	1.302	1.061	5.056	1.103	0.896	16.099	0.97	1.936

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.341	0.328	0.587	0.393		0.336	0.350		1.190	
VOC Total Exhaust:	0.341	0.328	0.587	0.393	0.757	0.336	0.350	0.607	1.19	0.393

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.40	10.18	14.68	11.31		0.676	0.517		7.016	
CO Total Exhaust:	9.40	10.18	14.68	11.31	14.92	0.676	0.517	2.779	7.02	9.920

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.061		1.103	0.896		0.968	
NOx Total Exhaust:	0.923	0.980	1.302	1.061	5.056	1.103	0.896	16.099	0.97	1.936

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.191	0.104	0.178	0.123	0.231	0.000	0.000	0.000	0.000	0.148
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.468	0.224	0.409	0.273	0.594	0.000	0.000	0.000	0.437	0.352

2002FRED

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
 * File 1, Run 1, Scenario 100.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.799	0.546	0.982	0.655	1.313	0.328	0.341	0.592	1.60	0.735
Composite CO :	9.43	10.22	14.72	11.34	14.55	0.658	0.503	2.705	6.78	9.936
Composite NOX :	0.923	0.980	1.302	1.061	5.091	1.101	0.894	16.082	0.98	1.936
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.338	0.325	0.578	0.388		0.328	0.341		1.165	
VOC Total Exhaust:	0.338	0.325	0.578	0.388	0.726	0.328	0.341	0.592	1.16	0.387
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.43	10.22	14.72	11.34		0.658	0.503		6.776	
CO Total Exhaust:	9.43	10.22	14.72	11.34	14.55	0.658	0.503	2.705	6.78	9.936
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.061		1.101	0.894		0.978	
NOx Total Exhaust:	0.923	0.980	1.302	1.061	5.091	1.101	0.894	16.082	0.98	1.936
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.185	0.101	0.173	0.119	0.224	0.000	0.000	0.000	0.000	0.144
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.462	0.221	0.404	0.269	0.587	0.000	0.000	0.000	0.437	0.348

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
 * File 1, Run 1, Scenario 101.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 68

Ether Blend Oxygen Content: 0.015 2002FRED
 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.793	0.542	0.973	0.650	1.280	0.321	0.333	0.578	1.58	0.728
Composite CO :	9.60	10.40	14.95	11.54	14.31	0.644	0.492	2.648	6.57	10.092
Composite NOX :	0.929	0.986	1.307	1.066	5.135	1.108	0.900	16.142	0.99	1.945
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.324	0.574	0.387		0.321	0.333		1.142	
VOC Total Exhaust:	0.337	0.324	0.574	0.387	0.700	0.321	0.333	0.578	1.14	0.385
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.60	10.40	14.95	11.54		0.644	0.492		6.567	
CO Total Exhaust:	9.60	10.40	14.95	11.54	14.31	0.644	0.492	2.648	6.57	10.092
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.929	0.986	1.307	1.066		1.108	0.900		0.986	
NOx Total Exhaust:	0.929	0.986	1.307	1.066	5.135	1.108	0.900	16.142	0.99	1.945
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.179	0.098	0.168	0.116	0.217	0.000	0.000	0.000	0.000	0.139
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.456	0.218	0.399	0.266	0.580	0.000	0.000	0.000	0.437	0.343

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 37.0 fredh: 01 1
 * File 1, Run 1, Scenario 102.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.787	0.538	0.965	0.645	1.249	0.313	0.326	0.565	1.56	0.722
Composite CO :	9.76	10.58	15.17	11.73	14.08	0.631	0.482	2.595	6.37	10.240
Composite NOX :	0.934	0.991	1.311	1.071	5.177	1.114	0.905	16.199	0.99	1.954
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.323	0.571	0.385		0.313	0.326		1.121	
VOC Total Exhaust:	0.337	0.323	0.571	0.385	0.676	0.313	0.326	0.565	1.12	0.383
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.76	10.58	15.17	11.73		0.631	0.482		6.368	
CO Total Exhaust:	9.76	10.58	15.17	11.73	14.08	0.631	0.482	2.595	6.37	10.240
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.934	0.991	1.311	1.071		1.114	0.905		0.994	
NOx Total Exhaust:	0.934	0.991	1.311	1.071	5.177	1.114	0.905	16.199	0.99	1.954
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.173	0.095	0.164	0.112	0.210	0.000	0.000	0.000	0.000	0.135
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.450	0.215	0.394	0.262	0.573	0.000	0.000	0.000	0.437	0.339

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 38.0 fredh: 01 1
 * File 1, Run 1, Scenario 103.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.781	0.535	0.957	0.641	1.220	0.307	0.319	0.553	1.54	0.716
Composite CO :	9.91	10.74	15.38	11.90	13.87	0.619	0.473	2.544	6.18	10.379
Composite NOX :	0.938	0.996	1.315	1.075	5.216	1.120	0.909	16.252	1.00	1.962

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.323	0.567	0.384		0.307	0.319		1.100	
VOC Total Exhaust:	0.337	0.323	0.567	0.384	0.653	0.307	0.319	0.553	1.10	0.381

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.91	10.74	15.38	11.90		0.619	0.473		6.181	
CO Total Exhaust:	9.91	10.74	15.38	11.90	13.87	0.619	0.473	2.544	6.18	10.379

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.938	0.996	1.315	1.075		1.120	0.909		1.001	
NOx Total Exhaust:	0.938	0.996	1.315	1.075	5.216	1.120	0.909	16.252	1.00	1.962

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.168	0.093	0.159	0.109	0.204	0.000	0.000	0.000	0.000	0.131
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.444	0.212	0.390	0.259	0.567	0.000	0.000	0.000	0.437	0.335

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 39.0 fredh: 01 1
 * File 1, Run 1, Scenario 104.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

2002FRED
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.776	0.532	0.950	0.636	1.192	0.300	0.312	0.541	1.52	0.710
Composite CO :	10.05	10.90	15.58	12.07	13.66	0.607	0.464	2.496	6.00	10.512
Composite NOX :	0.943	1.000	1.319	1.080	5.253	1.125	0.914	16.303	1.01	1.970
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.322	0.564	0.383		0.300	0.312		1.081	
VOC Total Exhaust:	0.337	0.322	0.564	0.383	0.631	0.300	0.312	0.541	1.08	0.379
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.05	10.90	15.58	12.07		0.607	0.464		6.002	
CO Total Exhaust:	10.05	10.90	15.58	12.07	13.66	0.607	0.464	2.496	6.00	10.512
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.943	1.000	1.319	1.080		1.125	0.914		1.009	
NOx Total Exhaust:	0.943	1.000	1.319	1.080	5.253	1.125	0.914	16.303	1.01	1.970
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.163	0.090	0.155	0.106	0.198	0.000	0.000	0.000	0.000	0.127
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.439	0.210	0.385	0.256	0.561	0.000	0.000	0.000	0.437	0.331

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 40.0 fredh: 01 1
 * File 1, Run 1, Scenario 105.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.771	0.529	0.943	0.632	1.166	0.294	0.306	0.530	1.50	0.704
Composite CO :	10.19	11.05	15.77	12.23	13.47	0.596	0.456	2.451	5.83	10.638
Composite NOX :	0.947	1.004	1.323	1.084	5.289	1.131	0.918	16.352	1.02	1.977
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.321	0.561	0.381		0.294	0.306		1.063	
VOC Total Exhaust:	0.336	0.321	0.561	0.381	0.610	0.294	0.306	0.530	1.06	0.377
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.19	11.05	15.77	12.23		0.596	0.456		5.833	
CO Total Exhaust:	10.19	11.05	15.77	12.23	13.47	0.596	0.456	2.451	5.83	10.638
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.947	1.004	1.323	1.084		1.131	0.918		1.015	
NOx Total Exhaust:	0.947	1.004	1.323	1.084	5.289	1.131	0.918	16.352	1.02	1.977
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.158	0.088	0.151	0.104	0.192	0.000	0.000	0.000	0.000	0.123
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.434	0.208	0.381	0.253	0.555	0.000	0.000	0.000	0.437	0.327

* St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1

* File 1, Run 1, Scenario 106.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4621	0.3343	0.1114	-----	0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.765	0.526	0.935	0.628	1.143	0.288	0.300	0.521	1.49	0.699
Composite CO :	10.35	11.23	16.00	12.42	13.40	0.589	0.450	2.423	5.70	10.798
Composite NOx :	0.954	1.011	1.329	1.091	5.332	1.147	0.931	16.497	1.02	1.993

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.320	0.558	0.380		0.288	0.300		1.050	
VOC Total Exhaust:	0.336	0.320	0.558	0.380	0.594	0.288	0.300	0.521	1.05	0.375
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.35	11.23	16.00	12.42		0.589	0.450		5.702	
CO Total Exhaust:	10.35	11.23	16.00	12.42	13.40	0.589	0.450	2.423	5.70	10.798
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.954	1.011	1.329	1.091		1.147	0.931		1.022	
NOx Total Exhaust:	0.954	1.011	1.329	1.091	5.332	1.147	0.931	16.497	1.02	1.993

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.153	0.085	0.147	0.101	0.187	0.000	0.000	0.000	0.000	0.120
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.429	0.205	0.377	0.251	0.550	0.000	0.000	0.000	0.437	0.324

* St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1

* File 1, Run 1, Scenario 107.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 42.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

2002FRED

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.760	0.523	0.928	0.624	1.122	0.283	0.294	0.511	1.47	0.693
Composite CO :	10.51	11.41	16.22	12.61	13.34	0.583	0.445	2.396	5.58	10.950
Composite NOX :	0.960	1.018	1.335	1.097	5.374	1.162	0.943	16.636	1.03	2.007

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.320	0.554	0.378		0.283	0.294		1.038	
VOC Total Exhaust:	0.336	0.320	0.554	0.378	0.578	0.283	0.294	0.511	1.04	0.373

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.51	11.41	16.22	12.61		0.583	0.445		5.578	
CO Total Exhaust:	10.51	11.41	16.22	12.61	13.34	0.583	0.445	2.396	5.58	10.950

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.960	1.018	1.335	1.097		1.162	0.943		1.028	
NOx Total Exhaust:	0.960	1.018	1.335	1.097	5.374	1.162	0.943	16.636	1.03	2.007

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.148	0.083	0.143	0.098	0.181	0.000	0.000	0.000	0.000	0.116
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.425	0.203	0.374	0.248	0.544	0.000	0.000	0.000	0.437	0.320

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
 * File 1, Run 1, Scenario 108.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.756	0.520	0.921	0.620	1.102	0.278	0.289	0.502	1.46	0.688
Composite CO :	10.66	11.57	16.43	12.79	13.28	0.577	0.441	2.371	5.46	11.095
Composite NOX :	0.966	1.024	1.341	1.103	5.413	1.176	0.955	16.768	1.03	2.021

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.319	0.551	0.377		0.278	0.289		1.026	
VOC Total Exhaust:	0.336	0.319	0.551	0.377	0.563	0.278	0.289	0.502	1.03	0.372

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.66	11.57	16.43	12.79		0.577	0.441		5.459	
CO Total Exhaust:	10.66	11.57	16.43	12.79	13.28	0.577	0.441	2.371	5.46	11.095

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.966	1.024	1.341	1.103		1.176	0.955		1.033	
NOx Total Exhaust:	0.966	1.024	1.341	1.103	5.413	1.176	0.955	16.768	1.03	2.021

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.143	0.081	0.140	0.096	0.176	0.000	0.000	0.000	0.000	0.113
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Total Non-Exhaust: 0.420 0.201 0.370 0.246 2002FRED 0.539 0.000 0.000 0.000 0.437 0.317

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
* File 1, Run 1, Scenario 109.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.751	0.517	0.914	0.616	1.083	0.274	0.284	0.494	1.45	0.684
Composite CO :	10.81	11.73	16.63	12.95	13.22	0.571	0.436	2.347	5.35	11.234
Composite NOX :	0.971	1.030	1.346	1.109	5.451	1.190	0.966	16.894	1.04	2.034
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.547	0.376		0.274	0.284		1.015	
VOC Total Exhaust:	0.335	0.318	0.547	0.376	0.548	0.274	0.284	0.494	1.02	0.370
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.81	11.73	16.63	12.95		0.571	0.436		5.346	
CO Total Exhaust:	10.81	11.73	16.63	12.95	13.22	0.571	0.436	2.347	5.35	11.234
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.971	1.030	1.346	1.109		1.190	0.966		1.039	
NOx Total Exhaust:	0.971	1.030	1.346	1.109	5.451	1.190	0.966	16.894	1.04	2.034
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.139	0.079	0.136	0.093	0.171	0.000	0.000	0.000	0.000	0.110
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.416	0.199	0.367	0.243	0.534	0.000	0.000	0.000	0.437	0.314

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
* File 1, Run 1, Scenario 110.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes

Reformulated Gas: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.747	0.515	0.908	0.613	1.064	0.269	0.280	0.486	1.44	0.679
Composite CO :	10.95	11.88	16.82	13.11	13.17	0.565	0.432	2.323	5.24	11.366
Composite NOX :	0.977	1.036	1.351	1.115	5.487	1.203	0.977	17.014	1.04	2.047
Tailpipe Emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.544	0.374		0.269	0.280		1.004	
VOC Total Exhaust:	0.335	0.318	0.544	0.374	0.535	0.269	0.280	0.486	1.00	0.368
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.95	11.88	16.82	13.11		0.565	0.432		5.238	
CO Total Exhaust:	10.95	11.88	16.82	13.11	13.17	0.565	0.432	2.323	5.24	11.366
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.977	1.036	1.351	1.115		1.203	0.977		1.044	
NOx Total Exhaust:	0.977	1.036	1.351	1.115	5.487	1.203	0.977	17.014	1.04	2.047
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.135	0.077	0.133	0.091	0.166	0.000	0.000	0.000	0.000	0.107
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.411	0.197	0.364	0.241	0.529	0.000	0.000	0.000	0.437	0.311

```

LEV phase-in data read from file E:\AQPR0G\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: No
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.742	0.511	0.900	0.609	1.048	0.265	0.276	0.479	1.44	0.674
Composite CO :	11.11	12.06	17.04	13.31	13.26	0.564	0.431	2.320	5.18	11.530
Composite NOx :	0.983	1.042	1.358	1.121	5.530	1.229	0.998	17.260	1.06	2.068
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.317	0.541	0.373		0.265	0.276		1.000	
VOC Total Exhaust:	0.335	0.317	0.541	0.373	0.525	0.265	0.276	0.479	1.00	0.367
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.11	12.06	17.04	13.31		0.564	0.431		5.185	
CO Total Exhaust:	11.11	12.06	17.04	13.31	13.26	0.564	0.431	2.320	5.18	11.530
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.983	1.042	1.358	1.121		1.229	0.998		1.064	
NOx Total Exhaust:	0.983	1.042	1.358	1.121	5.530	1.229	0.998	17.260	1.06	2.068
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.130	0.075	0.129	0.088	0.161	0.000	0.000	0.000	0.000	0.103
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.000

Refueling Loss:	0.000	0.000	0.000	0.000	2002FRED	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.407	0.195	0.360	0.238	0.524	0.000	0.000	0.000	0.000	0.437	0.307

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 47.0 fredh: 01 1
 * File 1, Run 1, Scenario 112.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.737	0.508	0.893	0.604	1.033	0.262	0.272	0.472	1.43	0.669
Composite CO :	11.27	12.23	17.26	13.49	13.35	0.563	0.431	2.316	5.13	11.687
Composite NOx :	0.989	1.049	1.364	1.128	5.571	1.255	1.019	17.495	1.08	2.088

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.316	0.537	0.371		0.262	0.272		0.996	
VOC Total Exhaust:	0.335	0.316	0.537	0.371	0.515	0.262	0.272	0.472	1.00	0.366
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.27	12.23	17.26	13.49		0.563	0.431		5.134	
CO Total Exhaust:	11.27	12.23	17.26	13.49	13.35	0.563	0.431	2.316	5.13	11.687
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.989	1.049	1.364	1.128		1.255	1.019		1.082	
NOx Total Exhaust:	0.989	1.049	1.364	1.128	5.571	1.255	1.019	17.495	1.08	2.088

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.125	0.073	0.125	0.086	0.155	0.000	0.000	0.000	0.000	0.100
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.402	0.192	0.356	0.235	0.519	0.000	0.000	0.000	0.437	0.304

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 48.0 fredh: 01 1
 * File 1, Run 1, Scenario 113.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 48.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No

2002FRED

 ATP Program: Yes
 Reformulated Gas: No

 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.732	0.505	0.886	0.600	1.019	0.258	0.269	0.466	1.43	0.665
Composite CO :	11.42	12.40	17.47	13.67	13.44	0.562	0.430	2.312	5.09	11.837
Composite NOX :	0.995	1.055	1.369	1.134	5.610	1.280	1.039	17.721	1.10	2.107
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.315	0.534	0.370		0.258	0.269		0.992	
VOC Total Exhaust:	0.335	0.315	0.534	0.370	0.506	0.258	0.269	0.466	0.99	0.364
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.42	12.40	17.47	13.67		0.562	0.430		5.086	
CO Total Exhaust:	11.42	12.40	17.47	13.67	13.44	0.562	0.430	2.312	5.09	11.837
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.995	1.055	1.369	1.134		1.280	1.039		1.100	
NOx Total Exhaust:	0.995	1.055	1.369	1.134	5.610	1.280	1.039	17.721	1.10	2.107
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.121	0.070	0.122	0.083	0.150	0.000	0.000	0.000	0.000	0.096
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.398	0.190	0.352	0.233	0.513	0.000	0.000	0.000	0.437	0.300

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 49.0 fredh: 01 1

* File 1, Run 1, Scenario 114.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp

M581 Warning:

 The user supplied freeway average speed of 49.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.728	0.502	0.879	0.597	1.005	0.255	0.265	0.460	1.43	0.660
Composite CO :	11.57	12.56	17.67	13.84	13.52	0.562	0.429	2.309	5.04	11.982
Composite NOX :	1.000	1.061	1.375	1.140	5.648	1.303	1.058	17.937	1.12	2.126
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.314	0.531	0.369		0.255	0.265		0.989	
VOC Total Exhaust:	0.334	0.314	0.531	0.369	0.497	0.255	0.265	0.460	0.99	0.363
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.57	12.56	17.67	13.84		0.562	0.429		5.039	
CO Total Exhaust:	11.57	12.56	17.67	13.84	13.52	0.562	0.429	2.309	5.04	11.982
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.000	1.061	1.375	1.140		1.303	1.058		1.118	
NOx Total Exhaust:	1.000	1.061	1.375	1.140	5.648	1.303	1.058	17.937	1.12	2.126
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.117	0.068	0.118	0.081	0.145	0.000	0.000	0.000	0.000	0.093

Page 78

Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12 ≤6000	LDGT34 ≤6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.719	0.497	0.865	0.589	0.982	0.250	0.259	0.450	1.42	0.651
Composite CO :	11.87	12.89	18.09	14.19	13.87	0.565	0.432	2.325	4.99	12.288
Composite NOx :	1.012	1.074	1.387	1.152	5.727	1.366	1.109	18.518	1.17	2.172
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.313	0.524	0.366		0.250	0.259		0.985	
VOC Total Exhaust:	0.334	0.313	0.524	0.366	0.483	0.250	0.259	0.450	0.99	0.361
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.87	12.89	18.09	14.19		0.565	0.432		4.994	
CO Total Exhaust:	11.87	12.89	18.09	14.19	13.87	0.565	0.432	2.325	4.99	12.288
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.012	1.074	1.387	1.152		1.366	1.109		1.171	
NOx Total Exhaust:	1.012	1.074	1.387	1.152	5.727	1.366	1.109	18.518	1.17	2.172
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.109	0.064	0.110	0.075	0.135	0.000	0.000	0.000	0.000	0.087
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.385	0.184	0.341	0.225	0.499	0.000	0.000	0.000	0.437	0.291

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.715	0.493	0.857	0.584	0.972	0.247	0.257	0.446	1.42	0.647
Composite CO :	12.03	13.06	18.31	14.37	14.13	0.570	0.436	2.343	4.99	12.450
Composite NOx :	1.019	1.080	1.393	1.158	5.768	1.405	1.141	18.877	1.21	2.200
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.334	0.312	0.520	0.364		0.247	0.257		0.985	
VOC Total Exhaust:	0.334	0.312	0.520	0.364	0.478	0.247	0.257	0.446	0.99	0.359
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.03	13.06	18.31	14.37		0.570	0.436		4.994	
CO Total Exhaust:	12.03	13.06	18.31	14.37	14.13	0.570	0.436	2.343	4.99	12.450
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.019	1.080	1.393	1.158		1.405	1.141		1.207	
NOx Total Exhaust:	1.019	1.080	1.393	1.158	5.768	1.405	1.141	18.877	1.21	2.200
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074

					2002FRED					
Running Loss:	0.105	0.061	0.106	0.073	0.130	0.000	0.000	0.000	0.000	0.084
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.381	0.181	0.337	0.222	0.494	0.000	0.000	0.000	0.437	0.288

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 53.0 fredh: 01 1
 * File 1, Run 1, Scenario 118.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.711	0.490	0.850	0.580	0.962	0.245	0.255	0.442	1.42	0.643
Composite CO :	12.18	13.23	18.52	14.55	14.38	0.574	0.439	2.361	4.99	12.605
Composite NOx :	1.025	1.087	1.399	1.165	5.808	1.443	1.171	19.222	1.24	2.226

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.311	0.517	0.363		0.245	0.255		0.985	
VOC Total Exhaust:	0.333	0.311	0.517	0.363	0.474	0.245	0.255	0.442	0.99	0.358
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.18	13.23	18.52	14.55		0.574	0.439		4.994	
CO Total Exhaust:	12.18	13.23	18.52	14.55	14.38	0.574	0.439	2.361	4.99	12.605
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.025	1.087	1.399	1.165		1.443	1.171		1.242	
NOx Total Exhaust:	1.025	1.087	1.399	1.165	5.808	1.443	1.171	19.222	1.24	2.226

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.101	0.059	0.102	0.070	0.126	0.000	0.000	0.000	0.000	0.081
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.377	0.179	0.333	0.219	0.489	0.000	0.000	0.000	0.437	0.285

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 54.0 fredh: 01 1
 * File 1, Run 1, Scenario 119.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

2002FRED

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.707	0.487	0.843	0.576	0.953	0.243	0.253	0.439	1.42	0.639
Composite CO :	12.33	13.39	18.72	14.72	14.62	0.578	0.442	2.378	4.99	12.755
Composite NOX :	1.031	1.093	1.405	1.171	5.846	1.479	1.201	19.555	1.28	2.252
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.311	0.514	0.362		0.243	0.253		0.985	
VOC Total Exhaust:	0.333	0.311	0.514	0.362	0.469	0.243	0.253	0.439	0.99	0.357
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.33	13.39	18.72	14.72		0.578	0.442		4.994	
CO Total Exhaust:	12.33	13.39	18.72	14.72	14.62	0.578	0.442	2.378	4.99	12.755
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.031	1.093	1.405	1.171		1.479	1.201		1.275	
NOx Total Exhaust:	1.031	1.093	1.405	1.171	5.846	1.479	1.201	19.555	1.28	2.252
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.097	0.057	0.098	0.067	0.121	0.000	0.000	0.000	0.000	0.078
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.374	0.177	0.329	0.217	0.484	0.000	0.000	0.000	0.437	0.282

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 55.0 fredh: 01 1
 * File 1, Run 1, Scenario 120.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8B

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.703	0.485	0.836	0.572	0.944	0.241	0.251	0.435	1.42	0.635
Composite CO :	12.47	13.54	18.91	14.88	14.85	0.582	0.445	2.394	4.99	12.900
Composite NOX :	1.036	1.099	1.411	1.177	5.883	1.514	1.229	19.875	1.31	2.276
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.333	0.310	0.511	0.360		0.241	0.251		0.985	
VOC Total Exhaust:	0.333	0.310	0.511	0.360	0.465	0.241	0.251	0.435	0.99	0.356
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.47	13.54	18.91	14.88		0.582	0.445		4.994	
CO Total Exhaust:	12.47	13.54	18.91	14.88	14.85	0.582	0.445	2.394	4.99	12.900
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.036	1.099	1.411	1.177		1.514	1.229		1.307	
NOx Total Exhaust:	1.036	1.099	1.411	1.177	5.883	1.514	1.229	19.875	1.31	2.276
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 Fred    MY: 2002    Speed: 58.0    fredh: 01 1
```

* File 1, Run 1, Scenario 123.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Non-Ramp      SCENARIO0: 123      RoadType:  Non-Ramp
```

M581 Warni

The user supplied freeway average speed of 58.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

```
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

M615 Comment:

MOIS Comment: User supplied VMT mix.

M 48 Warning:

```
9. there are no sales for vehicle class HDGV8b
```

LEV phase-in data read from file E:\AOPROG\MOBILE62\06MDCOM\EXT DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.693	0.477	0.816	0.562	0.931	0.238	0.247	0.429	1.64	0.626
Composite CO :	12.94	14.05	19.57	15.43	16.26	0.614	0.469	2.523	8.73	13.420
Composite NOx :	1.055	1.118	1.430	1.196	6.005	1.686	1.369	21.459	1.42	2.388
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.308	0.500	0.356		0.238	0.247		1.203	
VOC Total Exhaust:	0.332	0.308	0.500	0.356	0.463	0.238	0.247	0.429	1.20	0.355
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.94	14.05	19.57	15.43		0.614	0.469		8.727	
CO Total Exhaust:	12.94	14.05	19.57	15.43	16.26	0.614	0.469	2.523	8.73	13.420
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.055	1.118	1.430	1.196		1.686	1.369		1.415	
NOx Total Exhaust:	1.055	1.118	1.430	1.196	6.005	1.686	1.369	21.459	1.42	2.388
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.100

					2002FRED					
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.084	0.049	0.085	0.058	0.105	0.000	0.000	0.000	0.000	0.067
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.361	0.169	0.316	0.208	0.468	0.000	0.000	0.000	0.437	0.271

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 59.0 fredh: 01 1
 * File 1, Run 1, Scenario 124.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 59.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):
 Composite VOC : 0.690 0.475 0.810 0.558 0.926 0.237 0.246 0.427 1.71 0.623
 Composite CO : 13.09 14.22 19.77 15.60 16.70 0.623 0.477 2.563 9.89 13.582
 Composite NOx : 1.061 1.125 1.436 1.202 6.044 1.739 1.412 21.951 1.45 2.422

Exhaust emissions (g/mi):
 VOC Start: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 VOC Running: 0.332 0.307 0.497 0.354 0.237 0.237 0.246 0.427 1.271
 VOC Total Exhaust: 0.332 0.307 0.497 0.354 0.462 0.237 0.246 0.427 1.27 0.354
 CO Start: 0.00 0.00 0.00 0.00 0.00 0.000 0.000 0.000 0.000
 CO Running: 13.09 14.22 19.77 15.60 16.70 0.623 0.477 2.563 9.887
 CO Total Exhaust: 13.09 14.22 19.77 15.60 16.70 0.623 0.477 2.563 9.89 13.582
 NOx Start: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 NOx Running: 1.061 1.125 1.436 1.202 6.044 1.739 1.412 21.951 1.448
 NOx Total Exhaust: 1.061 1.125 1.436 1.202 6.044 1.739 1.412 21.951 1.45 2.422

Non-Exhaust Emissions (g/mi):
 Hot Soak Loss: 0.145 0.064 0.107 0.075 0.143 0.000 0.000 0.000 0.054 0.104
 Diurnal Loss: 0.023 0.011 0.021 0.014 0.040 0.000 0.000 0.000 0.016 0.018
 Resting Loss: 0.100 0.036 0.091 0.050 0.169 0.000 0.000 0.000 0.366 0.074
 Running Loss: 0.081 0.048 0.082 0.056 0.101 0.000 0.000 0.000 0.000 0.065
 Crankcase Loss: 0.008 0.009 0.011 0.010 0.012 0.000 0.000 0.000 0.000 0.008
 Refueling Loss: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 Total Non-Exhaust: 0.358 0.168 0.313 0.206 0.464 0.000 0.000 0.000 0.437 0.269

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 60.0 fredh: 01 1
 * File 1, Run 1, Scenario 125.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.687	0.472	0.804	0.555	0.922	0.236	0.245	0.426	1.77	0.620
Composite CO :	13.23	14.37	19.96	15.77	17.12	0.633	0.484	2.602	11.01	13.738
Composite NOX :	1.067	1.131	1.442	1.208	6.080	1.791	1.454	22.427	1.48	2.456
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.306	0.494	0.353		0.236	0.245		1.337	
VOC Total Exhaust:	0.332	0.306	0.494	0.353	0.461	0.236	0.245	0.426	1.34	0.354
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.23	14.37	19.96	15.77		0.633	0.484		11.008	
CO Total Exhaust:	13.23	14.37	19.96	15.77	17.12	0.633	0.484	2.602	11.01	13.738
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.067	1.131	1.442	1.208		1.791	1.454		1.481	
NOx Total Exhaust:	1.067	1.131	1.442	1.208	6.080	1.791	1.454	22.427	1.48	2.456
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.079	0.046	0.080	0.055	0.098	0.000	0.000	0.000	0.000	0.063
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.355	0.166	0.310	0.204	0.461	0.000	0.000	0.000	0.437	0.267

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 61.0 fredh: 01 1

* File 1, Run 1, Scenario 126.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.684	0.470	0.798	0.552	0.923	0.236	0.245	0.426	1.85	0.618
Composite CO :	13.39	14.55	20.19	15.96	17.92	0.651	0.498	2.678	12.29	13.926
Composite NOX :	1.074	1.137	1.448	1.215	6.123	1.877	1.524	23.221	1.52	2.508
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.332	0.305	0.490	0.352		0.236	0.245		1.412	
VOC Total Exhaust:	0.332	0.305	0.490	0.352	0.465	0.236	0.245	0.426	1.41	0.353
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.39	14.55	20.19	15.96		0.651	0.498		12.290	
CO Total Exhaust:	13.39	14.55	20.19	15.96	17.92	0.651	0.498	2.678	12.29	13.926
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.074	1.137	1.448	1.215		1.877	1.524		1.518	
NOx Total Exhaust:	1.074	1.137	1.448	1.215	6.123	1.877	1.524	23.221	1.52	2.508
Non-Exhaust Emissions (g/mi):										

					2002FRED						
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104	
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018	
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074	
Running Loss:	0.076	0.045	0.077	0.053	0.095	0.000	0.000	0.000	0.000	0.061	
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008	
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Non-Exhaust:	0.353	0.165	0.308	0.202	0.458	0.000	0.000	0.000	0.437	0.265	

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 62.0 fredh: 01 1

* File 1, Run 1, Scenario 127.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.682	0.468	0.792	0.549	0.923	0.236	0.245	0.426	1.92	0.616
Composite CO :	13.55	14.72	20.40	16.14	18.69	0.669	0.512	2.752	13.53	14.107
Composite NOX :	1.080	1.144	1.455	1.222	6.163	1.961	1.592	23.989	1.55	2.559

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.305	0.487	0.350		0.236	0.245		1.484	
VOC Total Exhaust:	0.331	0.305	0.487	0.350	0.468	0.236	0.245	0.426	1.48	0.353
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.55	14.72	20.40	16.14		0.669	0.512		13.530	
CO Total Exhaust:	13.55	14.72	20.40	16.14	18.69	0.669	0.512	2.752	13.53	14.107
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.080	1.144	1.455	1.222		1.961	1.592		1.554	
NOx Total Exhaust:	1.080	1.144	1.455	1.222	6.163	1.961	1.592	23.989	1.55	2.559

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.074	0.043	0.075	0.051	0.092	0.000	0.000	0.000	0.000	0.059
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.350	0.163	0.305	0.201	0.455	0.000	0.000	0.000	0.437	0.263

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 63.0 fredh: 01 1

* File 1, Run 1, Scenario 128.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >16000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.679	0.466	0.786	0.546	0.923	0.236	0.245	0.426	1.99	0.614
Composite CO :	13.70	14.88	20.61	16.32	19.43	0.687	0.525	2.823	14.73	14.283
Composite NOx :	1.086	1.150	1.461	1.228	6.203	2.042	1.658	24.732	1.59	2.608
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.304	0.483	0.349		0.236	0.245		1.554	
VOC Total Exhaust:	0.331	0.304	0.483	0.349	0.471	0.236	0.245	0.426	1.55	0.353
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.70	14.88	20.61	16.32		0.687	0.525		14.731	
CO Total Exhaust:	13.70	14.88	20.61	16.32	19.43	0.687	0.525	2.823	14.73	14.283
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.086	1.150	1.461	1.228		2.042	1.658		1.588	
NOx Total Exhaust:	1.086	1.150	1.461	1.228	6.203	2.042	1.658	24.732	1.59	2.608
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.071	0.042	0.072	0.050	0.089	0.000	0.000	0.000	0.000	0.057
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.348	0.162	0.303	0.199	0.452	0.000	0.000	0.000	0.437	0.261

```

* #####
* St & Cnty: 24021 Fred  MY: 2002  Speed: 64.0  fredh: 01 1
* File 1, Run 1, Scenario 129.
* #####
*FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp      SCENARIO: 129      RoadType: Non-Ramp
M581 Warning:
    The user supplied freeway average speed of 64.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
                Month: Jan.
                Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.677	0.464	0.781	0.543	0.923	0.236	0.245	0.426	2.06	0.612
Composite CO :	13.85	15.04	20.82	16.49	20.16	0.704	0.538	2.893	15.89	14.453
Composite NOx :	1.092	1.157	1.467	1.234	6.241	2.120	1.721	25.453	1.62	2.656
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.303	0.480	0.347		0.236	0.245		1.622	
VOC Total Exhaust:	0.331	0.303	0.480	0.347	0.474	0.236	0.245	0.426	1.62	0.352
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.85	15.04	20.82	16.49		0.704	0.538		15.894	
CO Total Exhaust:	13.85	15.04	20.82	16.49	20.16	0.704	0.538	2.893	15.89	14.453
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.092	1.157	1.467	1.234		2.120	1.721		1.622	
NOx Total Exhaust:	1.092	1.157	1.467	1.234	6.241	2.120	1.721	25.453	1.62	2.656

2002FRED

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.069	0.041	0.070	0.048	0.086	0.000	0.000	0.000	0.000	0.055
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.346	0.160	0.301	0.197	0.449	0.000	0.000	0.000	0.437	0.259

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 65.0 fredh: 01 1
 * File 1, Run 1, Scenario 130.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.674	0.462	0.775	0.540	0.924	0.236	0.245	0.426	2.12	0.610
Composite CO :	13.99	15.20	21.01	16.65	20.86	0.720	0.550	2.960	17.02	14.619
Composite NOX :	1.098	1.163	1.473	1.240	6.278	2.196	1.783	26.151	1.65	2.702

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.331	0.302	0.477	0.346		0.236	0.245		1.688	
VOC Total Exhaust:	0.331	0.302	0.477	0.346	0.477	0.236	0.245	0.426	1.69	0.352
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.99	15.20	21.01	16.65		0.720	0.550		17.022	
CO Total Exhaust:	13.99	15.20	21.01	16.65	20.86	0.720	0.550	2.960	17.02	14.619
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	1.098	1.163	1.473	1.240		2.196	1.783		1.654	
NOx Total Exhaust:	1.098	1.163	1.473	1.240	6.278	2.196	1.783	26.151	1.65	2.702

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.143	0.000	0.000	0.000	0.054	0.104
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.074
Running Loss:	0.067	0.039	0.068	0.047	0.084	0.000	0.000	0.000	0.000	0.054
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.344	0.159	0.298	0.196	0.447	0.000	0.000	0.000	0.437	0.258

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 34.6 fredh: 01 1
 * File 1, Run 1, Scenario 131.
 * #####
 * FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV4.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2002FRED

```

Non-Exhaust Emissions (g/mi):
  Hot Soak Loss: 0.145 0.064 0.107 0.075 0.143 0.000 0.000 0.000 0.054 0.104
  Diurnal Loss: 0.023 0.011 0.021 0.014 0.040 0.000 0.000 0.000 0.016 0.018
  Resting Loss: 0.100 0.036 0.091 0.050 0.169 0.000 0.000 0.000 0.366 0.074
  Running Loss: 0.576 0.301 0.499 0.351 0.669 0.000 0.000 0.000 0.000 0.438
  Crankcase Loss: 0.008 0.009 0.011 0.010 0.012 0.000 0.000 0.000 0.000 0.008
  Refueling Loss: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
  Total Non-Exhaust: 0.853 0.421 0.729 0.502 1.033 0.000 0.000 0.000 0.437 0.642

```

```

* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 12.9 fredh: 01 1
* File 1, Run 1, Scenario 133.
* #####
* FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local

```

```

* Reading Hourly Roadway VMT distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

```

Reading User Supplied ROADWAY VMT Factors

```

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKHOT.SK
M615 Comment:
  User supplied VMT mix.

```

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

```

  Calendar Year: 2002
  Month: Jan.
  Altitude: Low
  Minimum Temperature: 33.0 (F)
  Maximum Temperature: 53.0 (F)
  Absolute Humidity: 75. grains/lb
  Nominal Fuel RVP: 12.9 psi
  Weathered RVP: 12.9 psi
  Fuel Sulfur Content: 279. ppm

```

```

  Exhaust I/M Program: Yes
  Evap I/M Program: No
  ATP Program: Yes
  Reformulated Gas: No

```

```

  Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
  Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
  Alcohol Blend RVP Waiver: No

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4621	0.3343	0.1114		0.0230	0.0010	0.0070	0.0564	0.0047	1.0000

```

Composite Emission Factors (g/mi):
  Composite VOC : 1.548 1.010 1.870 1.225 3.605 0.902 0.865 1.253 3.36 1.438
  Composite CO : 10.38 10.82 16.77 12.30 39.61 2.283 1.620 7.218 21.90 11.714
  Composite NOX : 0.983 0.979 1.337 1.069 4.216 1.537 1.238 13.952 1.04 1.830

```

```

Exhaust emissions (g/mi):
  VOC Start: 0.167 0.093 0.210 0.122 0.208 0.143 0.498
  VOC Running: 0.528 0.497 0.930 0.605 0.694 0.722 2.426
  VOC Total Exhaust: 0.695 0.590 1.140 0.727 2.573 0.902 0.865 1.253 2.92 0.796

  CO Start: 2.87 2.78 3.78 3.03 0.527 0.278 2.454
  CO Running: 7.51 8.03 12.99 9.27 1.756 1.342 19.443
  CO Total Exhaust: 10.38 10.82 16.77 12.30 39.61 2.283 1.620 7.218 21.90 11.714

  NOx Start: 0.124 0.076 0.117 0.086 0.036 0.020 0.349
  NOx Running: 0.858 0.903 1.220 0.983 1.501 1.218 0.690
  NOx Total Exhaust: 0.983 0.979 1.337 1.069 4.216 1.537 1.238 13.952 1.04 1.830

```

```

Non-Exhaust Emissions (g/mi):
  Hot Soak Loss: 0.145 0.064 0.107 0.075 0.143 0.000 0.000 0.000 0.054 0.104
  Diurnal Loss: 0.023 0.011 0.021 0.014 0.040 0.000 0.000 0.000 0.016 0.018
  Resting Loss: 0.100 0.036 0.091 0.050 0.169 0.000 0.000 0.000 0.366 0.074
  Running Loss: 0.576 0.301 0.499 0.351 0.669 0.000 0.000 0.000 0.000 0.438
  Crankcase Loss: 0.008 0.009 0.011 0.010 0.012 0.000 0.000 0.000 0.000 0.008
  Refueling Loss: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
  Total Non-Exhaust: 0.853 0.421 0.729 0.502 1.033 0.000 0.000 0.000 0.437 0.642

```

```

* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 12.9 fredh: 01 1
* File 1, Run 1, Scenario 134.
* #####
* FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local

```

```

* Reading Hourly Roadway VMT distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

```

Reading User Supplied ROADWAY VMT Factors

```

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
  User supplied VMT mix.

```

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

```

  Calendar Year: 2002
  Month: Jan.
  Altitude: Low
  Minimum Temperature: 33.0 (F)
  Maximum Temperature: 53.0 (F)

```

2002FRED

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.381	0.918	1.659	1.103	3.597	0.694	0.722	1.252	2.86	1.260
Composite CO :	7.51	8.03	12.99	9.27	39.50	1.756	1.342	7.217	19.44	8.514
Composite NOX :	0.858	0.903	1.220	0.983	4.211	1.501	1.218	13.943	0.69	1.096

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.528	0.497	0.930	0.605		0.694	0.722		2.426	
VOC Total Exhaust:	0.528	0.497	0.930	0.605	2.565	0.694	0.722	1.252	2.43	0.595

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	7.51	8.03	12.99	9.27		1.756	1.342		19.443	
CO Total Exhaust:	7.51	8.03	12.99	9.27	39.50	1.756	1.342	7.217	19.44	8.514

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.858	0.903	1.220	0.983		1.501	1.218		0.690	
NOx Total Exhaust:	0.858	0.903	1.220	0.983	4.211	1.501	1.218	13.943	0.69	1.096

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.576	0.301	0.499	0.350	0.669	0.000	0.000	0.000	0.000	0.454
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.853	0.421	0.729	0.502	1.032	0.000	0.000	0.000	0.437	0.665

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 1.00 fredh: 01 1

* File 1, Run 1, Scenario 135.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc

M 52 Warning: 1.00 speed increased to 2.5 mph minimum

M583 Warning:

The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	9.916	6.282	11.266	7.528	15.266	1.147	1.192	2.067	9.42	8.633
Composite CO :	44.58	43.03	68.53	49.40	91.77	3.790	2.897	15.579	92.52	46.638
Composite NOX :	1.978	2.137	2.709	2.280	3.800	2.206	1.791	22.777	0.85	2.378

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979	
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.159	1.147	1.192	2.067	8.98	2.582

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516	
CO Total Exhaust:	44.58	43.03	68.53	49.40	91.77	3.790	2.897	15.579	92.52	46.638

2002FRED

NOx Start:	0.000	0.000	0.000	0.086	0.000	0.000	0.000	0.000	0.000	
NOx Running:	1.978	2.137	2.709	2.280	2.206	1.791	22.777	0.848		
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.800	2.206	1.791	0.85	2.378	

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	7.173	4.028	6.900	4.746	8.745	0.000	0.000	0.000	0.000	5.841
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437	6.051

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 2.00 fredh: 01 1
 * File 1, Run 1, Scenario 136.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
 M 52 Warning:

2.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	9.916	6.282	11.266	7.528	15.266	1.147	1.192	2.067	9.42	8.633
Composite CO :	44.58	43.03	68.53	49.40	91.77	3.790	2.897	15.579	92.52	46.638
Composite NOX :	1.978	2.137	2.709	2.280	3.800	2.206	1.791	22.777	0.85	2.378

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.467	2.134	4.136	2.635		1.147	1.192		8.979	
VOC Total Exhaust:	2.467	2.134	4.136	2.635	6.159	1.147	1.192	2.067	8.98	2.582
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	44.58	43.03	68.53	49.40		3.790	2.897		92.516	
CO Total Exhaust:	44.58	43.03	68.53	49.40	91.77	3.790	2.897	15.579	92.52	46.638
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.978	2.137	2.709	2.280		2.206	1.791		0.848	
NOx Total Exhaust:	1.978	2.137	2.709	2.280	3.800	2.206	1.791	22.777	0.85	2.378

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	7.173	4.028	6.900	4.746	8.745	0.000	0.000	0.000	0.000	5.841
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	7.449	4.148	7.131	4.935	9.107	0.000	0.000	0.000	0.437	6.051

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 3.00 fredh: 01 1
 * File 1, Run 1, Scenario 137.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

2002FRED

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	7.804	5.006	8.974	5.998	12.703	1.100	1.144	1.984	8.29	6.843
Composite CO :	37.42	36.55	57.74	41.84	85.62	3.558	2.719	14.625	79.44	39.401
Composite NOX :	1.899	2.045	2.591	2.182	3.832	2.132	1.731	22.093	0.82	2.283
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	2.100	1.849	3.552	2.275		1.100	1.144		7.851	
VOC Total Exhaust:	2.100	1.849	3.552	2.275	5.742	1.100	1.144	1.984	7.85	2.221
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	37.42	36.55	57.74	41.84		3.558	2.719		79.442	
CO Total Exhaust:	37.42	36.55	57.74	41.84	85.62	3.558	2.719	14.625	79.44	39.401
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.899	2.045	2.591	2.182		2.132	1.731		0.819	
NOx Total Exhaust:	1.899	2.045	2.591	2.182	3.832	2.132	1.731	22.093	0.82	2.283
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	5.427	3.037	5.192	3.575	6.598	0.000	0.000	0.000	0.000	4.411
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	5.703	3.157	5.422	3.754	6.961	0.000	0.000	0.000	0.437	4.622

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 4.00 fredh: 01 1

* File 1, Run 1, Scenario 138.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	5.164	3.410	6.109	4.084	9.498	1.042	1.083	1.879	6.88	4.605
Composite CO :	28.47	28.45	44.26	32.40	77.94	3.268	2.498	13.433	63.10	30.356
Composite NOX :	1.801	1.931	2.443	2.059	3.874	2.039	1.655	21.238	0.78	2.165
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.643	1.493	2.822	1.825		1.042	1.083		6.440	
VOC Total Exhaust:	1.643	1.493	2.822	1.825	5.221	1.042	1.083	1.879	6.44	1.769
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	

2002FRED
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.988	2.060	3.678	2.464	6.532	0.935	0.972	1.686	5.17	2.734
Composite CO :	20.00	20.63	31.36	23.31	65.15	2.773	2.120	11.401	44.07	21.664
Composite NOX :	1.625	1.736	2.202	1.852	3.964	1.870	1.519	19.690	0.74	1.960
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.173	1.107	2.049	1.343		0.935	0.972		4.738	
VOC Total Exhaust:	1.173	1.107	2.049	1.343	4.344	0.935	0.972	1.686	4.74	1.292
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	20.00	20.63	31.36	23.31		2.773	2.120		44.065	
CO Total Exhaust:	20.00	20.63	31.36	23.31	65.15	2.773	2.120	11.401	44.07	21.664
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.625	1.736	2.202	1.852		1.870	1.519		0.737	
NOx Total Exhaust:	1.625	1.736	2.202	1.852	3.964	1.870	1.519	19.690	0.74	1.960
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	1.538	0.833	1.399	0.974	1.825	0.000	0.000	0.000	0.000	1.231
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.815	0.953	1.629	1.131	2.187	0.000	0.000	0.000	0.437	1.442

* # # # # #
* St & Cnty: 24021 Fred MY: 2002 Speed: 7.00 fredh: 01 1
* File 1, Run 1, Scenario 141.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 7.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.565	1.779	3.170	2.127	5.786	0.884	0.919	1.594	4.56	2.356
Composite CO :	17.78	18.52	27.92	20.87	59.30	2.545	1.945	10.461	37.47	19.332
Composite NOX :	1.543	1.646	2.093	1.758	4.011	1.790	1.453	18.950	0.72	1.865
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	1.033	0.984	1.810	1.191		0.884	0.919		4.127	
VOC Total Exhaust:	1.033	0.984	1.810	1.191	3.941	0.884	0.919	1.594	4.13	1.144

2002FRED										
CO Start:	0.00	0.00	0.00	3.03	0.000	0.000			0.000	
CO Running:	17.78	18.52	27.92	20.87	2.545	1.945			37.472	
CO Total Exhaust:	17.78	18.52	27.92	20.87	59.30	2.545	1.945	10.461	37.47	19.332
NOx Start:	0.000	0.000	0.000	0.086	0.000	0.000			0.000	
NOx Running:	1.543	1.646	2.093	1.758	1.790	1.453			0.720	
NOx Total Exhaust:	1.543	1.646	2.093	1.758	4.011	1.790	1.453	18.950	0.72	1.865

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	1.255	0.675	1.130	0.788	1.482	0.000	0.000	0.000	0.000	1.002
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.531	0.795	1.360	0.944	1.844	0.000	0.000	0.000	0.437	1.212

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 8.00 fredh: 01 1
 * File 1, Run 1, Scenario 142.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	2.248	1.568	2.789	1.873	5.226	0.845	0.878	1.524	4.11	2.073
Composite CO :	16.11	16.94	25.35	19.04	54.92	2.373	1.814	9.756	32.53	17.583
Composite NOX :	1.480	1.578	2.012	1.687	4.047	1.730	1.404	18.396	0.71	1.793

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	
VOC Running:	0.929	0.892	1.630	1.077		0.845	0.878		3.668	
VOC Total Exhaust:	0.929	0.892	1.630	1.077	3.639	0.845	0.878	1.524	3.67	1.033
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	16.11	16.94	25.35	19.04		2.373	1.814		32.527	
CO Total Exhaust:	16.11	16.94	25.35	19.04	54.92	2.373	1.814	9.756	32.53	17.583
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.480	1.578	2.012	1.687		1.730	1.404		0.707	
NOx Total Exhaust:	1.480	1.578	2.012	1.687	4.047	1.730	1.404	18.396	0.71	1.793

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	1.042	0.556	0.928	0.649	1.224	0.000	0.000	0.000	0.000	0.829
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.319	0.676	1.159	0.803	1.587	0.000	0.000	0.000	0.437	1.040

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 9.00 fredh: 01 1
 * File 1, Run 1, Scenario 143.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

2002FRED

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.001	1.405	2.492	1.677	4.791	0.815	0.847	1.470	3.75	1.853
Composite CO :	14.82	15.71	23.34	17.62	51.51	2.240	1.712	9.208	28.68	16.223
Composite NOX :	1.432	1.526	1.948	1.631	4.074	1.683	1.366	17.965	0.70	1.738
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.848	0.821	1.491	0.988		0.815	0.847		3.312	
VOC Total Exhaust:	0.848	0.821	1.491	0.988	3.404	0.815	0.847	1.470	3.31	0.947
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	14.82	15.71	23.34	17.62		2.240	1.712		28.681	
CO Total Exhaust:	14.82	15.71	23.34	17.62	51.51	2.240	1.712	9.208	28.68	16.223
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.432	1.526	1.948	1.631		1.683	1.366		0.696	
NOx Total Exhaust:	1.432	1.526	1.948	1.631	4.074	1.683	1.366	17.965	0.70	1.738
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.877	0.464	0.771	0.541	1.024	0.000	0.000	0.000	0.000	0.695
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.153	0.584	1.002	0.694	1.387	0.000	0.000	0.000	0.437	0.906

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 10.0 fredh: 01 1

* File 1, Run 1, Scenario 144.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.803	1.274	2.255	1.519	4.443	0.791	0.822	1.426	3.46	1.677
Composite CO :	13.78	14.72	21.74	16.48	48.78	2.133	1.630	8.769	25.60	15.135
Composite NOX :	1.393	1.484	1.897	1.587	4.096	1.645	1.336	17.620	0.69	1.693
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.783	0.763	1.379	0.917		0.791	0.822		3.026	
VOC Total Exhaust:	0.783	0.763	1.379	0.917	3.216	0.791	0.822	1.426	3.03	0.878

2002FRED

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	13.78	14.72	21.74	16.48		2.133	1.630		25.604	
CO Total Exhaust:	13.78	14.72	21.74	16.48	48.78	2.133	1.630	8.769	25.60	15.135
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.393	1.484	1.897	1.587		1.645	1.336		0.688	
NOx Total Exhaust:	1.393	1.484	1.897	1.587	4.096	1.645	1.336	17.620	0.69	1.693

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.744	0.391	0.646	0.454	0.864	0.000	0.000	0.000	0.000	0.588
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.021	0.510	0.876	0.607	1.227	0.000	0.000	0.000	0.437	0.798

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 11.0 fredh: 01 1
 * File 1, Run 1, Scenario 145.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	1.675	1.179	2.091	1.407	4.084	0.748	0.778	1.349	3.22	1.555
Composite CO :	13.12	14.03	20.69	15.69	44.83	1.971	1.507	8.103	23.16	14.395
Composite NOX :	1.332	1.418	1.819	1.518	4.150	1.582	1.285	17.041	0.69	1.623

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.725	0.705	1.275	0.848		0.748	0.778		2.787	
VOC Total Exhaust:	0.725	0.705	1.275	0.848	2.938	0.748	0.778	1.349	2.79	0.813
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	13.12	14.03	20.69	15.69		1.971	1.507		23.157	
CO Total Exhaust:	13.12	14.03	20.69	15.69	44.83	1.971	1.507	8.103	23.16	14.395
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.332	1.418	1.819	1.518		1.582	1.285		0.693	
NOx Total Exhaust:	1.332	1.418	1.819	1.518	4.150	1.582	1.285	17.041	0.69	1.623

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.674	0.353	0.585	0.411	0.783	0.000	0.000	0.000	0.000	0.532
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.951	0.473	0.816	0.564	1.146	0.000	0.000	0.000	0.437	0.743

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 12.0 fredh: 01 1
 * File 1, Run 1, Scenario 146.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:

2002FRED

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.568	1.099	1.954	1.313	3.785	0.713	0.741	1.285	3.03	1.455
Composite CO :	12.57	13.45	19.81	15.04	41.54	1.836	1.404	7.548	21.12	13.780
Composite NOX :	1.281	1.363	1.753	1.460	4.195	1.530	1.242	16.558	0.70	1.565

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.676	0.657	1.188	0.790		0.713	0.741		2.588	
VOC Total Exhaust:	0.676	0.657	1.188	0.790	2.706	0.713	0.741	1.285	2.59	0.758

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	12.57	13.45	19.81	15.04		1.836	1.404		21.117	
CO Total Exhaust:	12.57	13.45	19.81	15.04	41.54	1.836	1.404	7.548	21.12	13.780

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.281	1.363	1.753	1.460		1.530	1.242		0.696	
NOx Total Exhaust:	1.281	1.363	1.753	1.460	4.195	1.530	1.242	16.558	0.70	1.565

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.615	0.323	0.535	0.376	0.716	0.000	0.000	0.000	0.000	0.486
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.892	0.442	0.766	0.528	1.079	0.000	0.000	0.000	0.437	0.697

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 13.0 fredh: 01 1

* File 1, Run 1, Scenario 147.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.478	1.032	1.838	1.234	3.532	0.683	0.710	1.231	2.86	1.369
Composite CO :	12.11	12.97	19.07	14.49	38.75	1.722	1.316	7.079	19.39	13.258
Composite NOX :	1.238	1.316	1.698	1.412	4.233	1.485	1.206	16.150	0.70	1.515

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.635	0.616	1.115	0.741		0.683	0.710		2.420	

2002FRED										
VOC Total Exhaust:	0.635	0.616	1.115	0.741	2.510	0.683	0.710	1.231	2.42	0.712
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	12.11	12.97	19.07	14.49		1.722	1.316		19.391	
CO Total Exhaust:	12.11	12.97	19.07	14.49	38.75	1.722	1.316	7.079	19.39	13.258
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.238	1.316	1.698	1.412		1.485	1.206		0.700	
NOx Total Exhaust:	1.238	1.316	1.698	1.412	4.233	1.485	1.206	16.150	0.70	1.515

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.566	0.296	0.493	0.345	0.659	0.000	0.000	0.000	0.000	0.447
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.842	0.416	0.723	0.497	1.022	0.000	0.000	0.000	0.437	0.657

```

* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 14.0 fredh: 01 1
* File 1, Run 1, Scenario 148.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 14.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8B

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.400	0.975	1.738	1.166	3.315	0.657	0.683	1.185	2.71	1.296
Composite CO :	11.71	12.55	18.44	14.02	36.36	1.624	1.241	6.677	17.91	12.812
Composite NOX :	1.201	1.276	1.651	1.370	4.265	1.447	1.175	15.800	0.70	1.473

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.600	0.581	1.052	0.699		0.657	0.683		2.275	
VOC Total Exhaust:	0.600	0.581	1.052	0.699	2.342	0.657	0.683	1.185	2.28	0.672
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	11.71	12.55	18.44	14.02		1.624	1.241		17.912	
CO Total Exhaust:	11.71	12.55	18.44	14.02	36.36	1.624	1.241	6.677	17.91	12.812
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.201	1.276	1.651	1.370		1.447	1.175		0.702	
NOx Total Exhaust:	1.201	1.276	1.651	1.370	4.265	1.447	1.175	15.800	0.70	1.473

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.523	0.274	0.456	0.320	0.610	0.000	0.000	0.000	0.000	0.413
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.800	0.394	0.686	0.471	0.973	0.000	0.000	0.000	0.437	0.624

```

* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 15.0 fredh: 01 1
* File 1, Run 1, Scenario 149.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 15.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

```

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.333	0.925	1.652	1.107	3.127	0.635	0.660	1.145	2.59	1.233
Composite CO :	11.36	12.19	17.88	13.61	34.29	1.539	1.177	6.328	16.63	12.425
Composite NOX :	1.169	1.242	1.609	1.334	4.294	1.414	1.148	15.497	0.70	1.436
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.570	0.551	0.997	0.662		0.635	0.660		2.150	
VOC Total Exhaust:	0.570	0.551	0.997	0.662	2.197	0.635	0.660	1.145	2.15	0.638
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	11.36	12.19	17.88	13.61		1.539	1.177		16.630	
CO Total Exhaust:	11.36	12.19	17.88	13.61	34.29	1.539	1.177	6.328	16.63	12.425
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.169	1.242	1.609	1.334		1.414	1.148		0.705	
NOx Total Exhaust:	1.169	1.242	1.609	1.334	4.294	1.414	1.148	15.497	0.70	1.436
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.486	0.255	0.424	0.297	0.568	0.000	0.000	0.000	0.000	0.384
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.763	0.374	0.655	0.448	0.931	0.000	0.000	0.000	0.437	0.595

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 16.0 fredh: 01 1

* File 1, Run 1, Scenario 150.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.267	0.879	1.574	1.053	2.926	0.606	0.630	1.093	2.49	1.172
Composite CO :	11.06	11.87	17.40	13.25	32.09	1.445	1.105	5.941	15.60	12.083
Composite NOX :	1.141	1.212	1.573	1.302	4.343	1.376	1.117	15.141	0.72	1.403
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	

2002FRED										
VOC Running:	0.543	0.524	0.949	0.630	0.606	0.630		2.049		
VOC Total Exhaust:	0.543	0.524	0.949	0.630	2.038	0.606	0.630	1.093	2.05	0.607
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	11.06	11.87	17.40	13.25		1.445	1.105		15.597	
CO Total Exhaust:	11.06	11.87	17.40	13.25	32.09	1.445	1.105	5.941	15.60	12.083
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.141	1.212	1.573	1.302		1.376	1.117		0.721	
NOx Total Exhaust:	1.141	1.212	1.573	1.302	4.343	1.376	1.117	15.141	0.72	1.403

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.447	0.235	0.394	0.275	0.525	0.000	0.000	0.000	0.000	0.354
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.724	0.355	0.625	0.426	0.888	0.000	0.000	0.000	0.437	0.565

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 17.0 fredh: 01 1
 * File 1, Run 1, Scenario 151.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.210	0.838	1.505	1.005	2.749	0.581	0.604	1.048	2.40	1.119
Composite CO :	10.79	11.59	16.98	12.94	30.14	1.362	1.041	5.599	14.69	11.782
Composite NOX :	1.117	1.185	1.542	1.274	4.387	1.342	1.089	14.828	0.73	1.373

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.520	0.501	0.907	0.602		0.581	0.604		1.960	
VOC Total Exhaust:	0.520	0.501	0.907	0.602	1.899	0.581	0.604	1.048	1.96	0.580
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.79	11.59	16.98	12.94		1.362	1.041		14.686	
CO Total Exhaust:	10.79	11.59	16.98	12.94	30.14	1.362	1.041	5.599	14.69	11.782
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.117	1.185	1.542	1.274		1.342	1.089		0.735	
NOx Total Exhaust:	1.117	1.185	1.542	1.274	4.387	1.342	1.089	14.828	0.73	1.373

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.413	0.218	0.367	0.255	0.487	0.000	0.000	0.000	0.000	0.328
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.690	0.338	0.598	0.406	0.850	0.000	0.000	0.000	0.437	0.538

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 18.0 fredh: 01 1
 * File 1, Run 1, Scenario 152.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.158	0.802	1.444	0.963	2.591	0.559	0.581	1.007	2.32	1.071
Composite CO :	10.55	11.34	16.60	12.66	28.41	1.288	0.985	5.295	13.88	11.514
Composite NOX :	1.095	1.161	1.513	1.249	4.425	1.311	1.065	14.549	0.75	1.347
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.499	0.480	0.870	0.577		0.559	0.581		1.881	
VOC Total Exhaust:	0.499	0.480	0.870	0.577	1.775	0.559	0.581	1.007	1.88	0.556
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.55	11.34	16.60	12.66		1.288	0.985		13.876	
CO Total Exhaust:	10.55	11.34	16.60	12.66	28.41	1.288	0.985	5.295	13.88	11.514
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.095	1.161	1.513	1.249		1.311	1.065		0.747	
NOx Total Exhaust:	1.095	1.161	1.513	1.249	4.425	1.311	1.065	14.549	0.75	1.347
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.382	0.203	0.344	0.238	0.454	0.000	0.000	0.000	0.000	0.304
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.659	0.323	0.574	0.389	0.817	0.000	0.000	0.000	0.437	0.515

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 19.0 fredh: 01 1

* File 1, Run 1, Scenario 153.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 19.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.112	0.770	1.389	0.925	2.450	0.539	0.560	0.971	2.25	1.029
Composite CO :	10.34	11.12	16.26	12.40	26.86	1.222	0.934	5.024	13.15	11.274
Composite NOX :	1.075	1.140	1.488	1.227	4.460	1.284	1.043	14.300	0.76	1.324

Exhaust emissions (g/mi):

2002FRED										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.481	0.461	0.836	0.555		0.539	0.560		1.810	
VOC Total Exhaust:	0.481	0.461	0.836	0.555	1.664	0.539	0.560	0.971	1.81	0.535
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.34	11.12	16.26	12.40		1.222	0.934		13.151	
CO Total Exhaust:	10.34	11.12	16.26	12.40	26.86	1.222	0.934	5.024	13.15	11.274
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.075	1.140	1.488	1.227		1.284	1.043		0.758	
NOx Total Exhaust:	1.075	1.140	1.488	1.227	4.460	1.284	1.043	14.300	0.76	1.324

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.355	0.189	0.322	0.222	0.424	0.000	0.000	0.000	0.000	0.283
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.631	0.309	0.553	0.373	0.786	0.000	0.000	0.000	0.437	0.494

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 20.0 fredh: 01 1
 * File 1, Run 1, Scenario 154.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.071	0.741	1.340	0.891	2.323	0.521	0.541	0.939	2.18	0.991
Composite CO :	10.15	10.92	15.96	12.18	25.47	1.163	0.889	4.779	12.50	11.059
Composite NOX :	1.057	1.121	1.465	1.207	4.491	1.260	1.023	14.076	0.77	1.303

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.464	0.444	0.806	0.535		0.521	0.541		1.746	
VOC Total Exhaust:	0.464	0.444	0.806	0.535	1.564	0.521	0.541	0.939	1.75	0.516
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.15	10.92	15.96	12.18		1.163	0.889		12.499	
CO Total Exhaust:	10.15	10.92	15.96	12.18	25.47	1.163	0.889	4.779	12.50	11.059
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.057	1.121	1.465	1.207		1.260	1.023		0.769	
NOx Total Exhaust:	1.057	1.121	1.465	1.207	4.491	1.260	1.023	14.076	0.77	1.303

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.330	0.177	0.303	0.208	0.397	0.000	0.000	0.000	0.000	0.264
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.607	0.297	0.534	0.359	0.759	0.000	0.000	0.000	0.437	0.475

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 21.0 fredh: 01 1
 * File 1, Run 1, Scenario 155.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 Page 104

M615 Comment: User supplied VMT mix.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDV	LD	HD	MC	All Veh
MT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.040	0.717	1.298	0.863	2.209	0.501	0.520	0.903	2.12	0.961
Composite CO :	10.00	10.76	15.72	12.00	24.16	1.105	0.844	4.540	11.90	10.885
Composite NOx :	1.041	1.104	1.445	1.189	4.538	1.237	1.004	13.863	0.79	1.284
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.449	0.429	0.779	0.516		0.501	0.520		1.687	
VOC Total Exhaust:	0.449	0.429	0.779	0.516	1.468	0.501	0.520	0.903	1.69	0.498
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.00	10.76	15.72	12.00		1.105	0.844		11.896	
CO Total Exhaust:	10.00	10.76	15.72	12.00	24.16	1.105	0.844	4.540	11.90	10.885
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.041	1.104	1.445	1.189		1.237	1.004		0.787	
NOx Total Exhaust:	1.041	1.104	1.445	1.189	4.538	1.237	1.004	13.863	0.79	1.284
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.315	0.169	0.289	0.199	0.378	0.000	0.000	0.000	0.000	0.252
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.591	0.288	0.519	0.349	0.741	0.000	0.000	0.000	0.437	0.462

* #

* St & Cnty: 24021 Fred MY: 2002 Speed: 22.0 fredh: 01 1

* File 1, Run 1, Scenario 156.

```
* #####
*EV/ FILE:      EV      ORMODE: Stable      FACILITY
```

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO0: 156      RoadType:  Art_Loc
```

M583 Warning: The user supplied arterial average speed of 22.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```
data file: E:\AQI\RSS\MOBILE02\COND0
M615 Comment:
        User supplied VMT mix.
```

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.012	0.696	1.260	0.837	2.104	0.483	0.502	0.870	2.07	0.933
Composite CO :	9.86	10.62	15.50	11.84	22.98	1.052	0.804	4.324	11.35	10.728
Composite NOX :	1.027	1.088	1.426	1.172	4.581	1.216	0.987	13.670	0.80	1.267

2002FRED

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.963	0.659	1.194	0.792	1.922	0.451	0.469	0.813	1.98	0.886
Composite CO :	9.61	10.37	15.12	11.55	20.90	0.959	0.733	3.944	10.39	10.452
Composite NOX :	1.001	1.060	1.393	1.144	4.656	1.179	0.957	13.332	0.83	1.237

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.411	0.391	0.711	0.471		0.451	0.469		1.538	
VOC Total Exhaust:	0.411	0.391	0.711	0.471	1.228	0.451	0.469	0.813	1.54	0.454

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.61	10.37	15.12	11.55		0.959	0.733		10.388	
CO Total Exhaust:	9.61	10.37	15.12	11.55	20.90	0.959	0.733	3.944	10.39	10.452

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	1.001	1.060	1.393	1.144		1.179	0.957		0.835	
NOx Total Exhaust:	1.001	1.060	1.393	1.144	4.656	1.179	0.957	13.332	0.83	1.237

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.276	0.148	0.253	0.174	0.332	0.000	0.000	0.000	0.000	0.221
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.553	0.268	0.483	0.325	0.694	0.000	0.000	0.000	0.437	0.431

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 25.0 fredh: 01 1

* File 1, Run 1, Scenario 159.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.4933	0.3570	0.1189	-----	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.942	0.642	1.165	0.773	1.842	0.437	0.454	0.787	1.93	0.865
Composite CO :	9.51	10.26	14.95	11.43	19.98	0.919	0.702	3.777	9.97	10.330
Composite NOX :	0.990	1.048	1.379	1.131	4.689	1.163	0.944	13.183	0.85	1.223

Page 107

2002FRED

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.400	0.380	0.691	0.458		0.437	0.454		1.497	
VOC Total Exhaust:	0.400	0.380	0.691	0.458	1.161	0.437	0.454	0.787	1.50	0.442
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.51	10.26	14.95	11.43		0.919	0.702		9.966	
CO Total Exhaust:	9.51	10.26	14.95	11.43	19.98	0.919	0.702	3.777	9.97	10.330
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.990	1.048	1.379	1.131		1.163	0.944		0.848	
NOx Total Exhaust:	0.990	1.048	1.379	1.131	4.689	1.163	0.944	13.183	0.85	1.223
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.265	0.142	0.243	0.167	0.318	0.000	0.000	0.000	0.000	0.212
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.542	0.262	0.473	0.318	0.681	0.000	0.000	0.000	0.437	0.423

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 26.0 fredh: 01 1

* File 1, Run 1, Scenario 160.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 26.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.923	0.629	1.142	0.758	1.768	0.422	0.439	0.761	1.89	0.847
Composite CO :	9.45	10.20	14.85	11.36	19.20	0.882	0.674	3.626	9.54	10.265
Composite NOX :	0.980	1.037	1.366	1.119	4.734	1.151	0.934	13.075	0.86	1.212
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.392	0.373	0.678	0.449		0.422	0.439		1.454	
VOC Total Exhaust:	0.392	0.373	0.678	0.449	1.100	0.422	0.439	0.761	1.45	0.433
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.45	10.20	14.85	11.36		0.882	0.674		9.544	
CO Total Exhaust:	9.45	10.20	14.85	11.36	19.20	0.882	0.674	3.626	9.54	10.265
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.980	1.037	1.366	1.119		1.151	0.934		0.865	
NOx Total Exhaust:	0.980	1.037	1.366	1.119	4.734	1.151	0.934	13.075	0.86	1.212
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.255	0.136	0.234	0.161	0.306	0.000	0.000	0.000	0.000	0.204
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.531	0.256	0.464	0.311	0.669	0.000	0.000	0.000	0.437	0.414

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 27.0 fredh: 01 1

* File 1, Run 1, Scenario 161.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 27.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 28.0 fredh: 01 1
* File 1, Run 1, Scenario 162.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
M583 Warning:
    The user supplied arterial average speed of 28.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE2\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```

Data File: C:\Users\james\Desktop\KROG\Mobile Data\
Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 ≤6000	LDGT34 ≤6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.890	0.607	1.101	0.730	1.638	0.397	0.412	0.715	1.81	0.816
Composite CO :	9.36	10.11	14.67	11.25	17.79	0.817	0.624	3.357	8.79	10.148

	0.961	1.017	1.342	1.098	2002FRED 4.816	1.130	0.917	12.882	0.90	1.191
Composite NOX :	0.961	1.017	1.342	1.098	4.816	1.130	0.917	12.882	0.90	1.191
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.377	0.360	0.654	0.434		0.397	0.412		1.377	
VOC Total Exhaust:	0.377	0.360	0.654	0.434	0.992	0.397	0.412	0.715	1.38	0.417
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.36	10.11	14.67	11.25		0.817	0.624		8.789	
CO Total Exhaust:	9.36	10.11	14.67	11.25	17.79	0.817	0.624	3.357	8.79	10.148
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.961	1.017	1.342	1.098		1.130	0.917		0.895	
NOx Total Exhaust:	0.961	1.017	1.342	1.098	4.816	1.130	0.917	12.882	0.90	1.191
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.236	0.127	0.217	0.149	0.284	0.000	0.000	0.000	0.000	0.189
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.513	0.247	0.447	0.300	0.646	0.000	0.000	0.000	0.437	0.399

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 29.0 fredh: 01 1
 * File 1, Run 1, Scenario 163.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.875	0.597	1.083	0.718	1.579	0.385	0.400	0.694	1.78	0.802
Composite CO :	9.31	10.06	14.59	11.20	17.16	0.787	0.602	3.237	8.45	10.096
Composite NOX :	0.953	1.008	1.331	1.089	4.852	1.120	0.910	12.796	0.91	1.181
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.371	0.354	0.643	0.427		0.385	0.400		1.342	
VOC Total Exhaust:	0.371	0.354	0.643	0.427	0.943	0.385	0.400	0.694	1.34	0.409
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.31	10.06	14.59	11.20		0.787	0.602		8.450	
CO Total Exhaust:	9.31	10.06	14.59	11.20	17.16	0.787	0.602	3.237	8.45	10.096
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.953	1.008	1.331	1.089		1.120	0.910		0.909	
NOx Total Exhaust:	0.953	1.008	1.331	1.089	4.852	1.120	0.910	12.796	0.91	1.181
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.227	0.122	0.209	0.144	0.274	0.000	0.000	0.000	0.000	0.182
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.504	0.242	0.440	0.294	0.636	0.000	0.000	0.000	0.437	0.393

* # # # # #
 * St & Cnty: 24021 Fred MY: 2002 Speed: 30.0 fredh: 01 1
 * File 1, Run 1, Scenario 164.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

Page 111

2002FRED										
Composite CO :	9.31	10.07	14.56	11.19	16.10	0.737	0.563	3.030	7.83	10.080
Composite NOX :	0.940	0.995	1.317	1.076	4.931	1.109	0.901	12.694	0.93	1.168

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.358	0.344	0.621	0.413		0.364	0.378		1.277	
VOC Total Exhaust:	0.358	0.344	0.621	0.413	0.859	0.364	0.378	0.656	1.28	0.395

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.31	10.07	14.56	11.19		0.737	0.563		7.828	
CO Total Exhaust:	9.31	10.07	14.56	11.19	16.10	0.737	0.563	3.030	7.83	10.080

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.940	0.995	1.317	1.076		1.109	0.901		0.934	
NOx Total Exhaust:	0.940	0.995	1.317	1.076	4.931	1.109	0.901	12.694	0.93	1.168

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.212	0.114	0.196	0.135	0.255	0.000	0.000	0.000	0.000	0.170
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.489	0.234	0.426	0.285	0.618	0.000	0.000	0.000	0.437	0.381

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 32.0 fredh: 01 1
 * File 1, Run 1, Scenario 166.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.834	0.569	1.029	0.684	1.431	0.354	0.368	0.639	1.68	0.763
Composite CO :	9.34	10.11	14.61	11.23	15.67	0.715	0.547	2.941	7.54	10.111
Composite NOX :	0.936	0.991	1.313	1.072	4.973	1.107	0.899	12.674	0.95	1.164

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.353	0.339	0.609	0.406		0.354	0.368		1.246	
VOC Total Exhaust:	0.353	0.339	0.609	0.406	0.822	0.354	0.368	0.639	1.25	0.389

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.34	10.11	14.61	11.23		0.715	0.547		7.540	
CO Total Exhaust:	9.34	10.11	14.61	11.23	15.67	0.715	0.547	2.941	7.54	10.111

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.936	0.991	1.313	1.072		1.107	0.899		0.946	
NOx Total Exhaust:	0.936	0.991	1.313	1.072	4.973	1.107	0.899	12.674	0.95	1.164

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.205	0.111	0.190	0.130	0.247	0.000	0.000	0.000	0.000	0.164
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.481	0.231	0.420	0.281	0.609	0.000	0.000	0.000	0.437	0.375

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 33.0 fredh: 01 1
 * File 1, Run 1, Scenario 167.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway

type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4933	0.3570	0.1189	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000	
Composite Emission Factors (g/mi):										
Composite VOC :	0.822	0.561	1.012	0.674	1.388	0.345	0.359	0.622	1.65	0.752
Composite CO :	9.37	10.15	14.65	11.27	15.26	0.695	0.531	2.857	7.27	10.140
Composite NOX :	0.931	0.987	1.309	1.068	5.012	1.105	0.897	12.655	0.96	1.160
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.347	0.334	0.598	0.400		0.345	0.359		1.218	
VOC Total Exhaust:	0.347	0.334	0.598	0.400	0.787	0.345	0.359	0.622	1.22	0.382
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.37	10.15	14.65	11.27		0.695	0.531		7.270	
CO Total Exhaust:	9.37	10.15	14.65	11.27	15.26	0.695	0.531	2.857	7.27	10.140
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.931	0.987	1.309	1.068		1.105	0.897		0.957	
NOx Total Exhaust:	0.931	0.987	1.309	1.068	5.012	1.105	0.897	12.655	0.96	1.160
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.198	0.107	0.184	0.126	0.239	0.000	0.000	0.000	0.000	0.159
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.474	0.227	0.414	0.276	0.601	0.000	0.000	0.000	0.437	0.370

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 34.0 fredh: 01 1
 * File 1, Run 1, Scenario 168.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4933	0.3570	0.1189	0.0050	0.0011	0.0075	0.0122	0.0050	1.0000	
Composite Emission Factors (g/mi):										

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 35.0 fredh: 01 1
* File 1, Run 1, Scenario 169.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
M583 Warning:
    The user supplied arterial average speed of 35.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.
M 48 Warning:
    there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2002
    Month: Jan.
    Altitude: Low
    Minimum Temperature: 33.0 (F)
    Maximum Temperature: 53.0 (F)
    Absolute Humidity: 75. grains/lb
    Nominal Fuel RVP: 12.9 psi
    Weathered RVP: 12.9 psi
    Fuel Sulfur Content: 279. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: No
    ATP Program: Yes
    Reformulated Gas: No

    Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
    Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
    Alcohol Blend RVP Waiver: No
```

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.799	0.546	0.982	0.655	1.310	0.328	0.341	0.592	1.60	0.731
Composite CO :	9.43	10.22	14.72	11.34	14.51	0.658	0.503	2.705	6.78	10.193
Composite NOx :	0.923	0.980	1.302	1.061	5.084	1.101	0.894	12.621	0.98	1.152
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.338	0.325	0.578	0.388		0.328	0.341		1.165	
VOC Total Exhaust:	0.338	0.325	0.578	0.388	0.724	0.328	0.341	0.592	1.16	0.371
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.43	10.22	14.72	11.34		0.658	0.503		6.776	
CO Total Exhaust:	9.43	10.22	14.72	11.34	14.51	0.658	0.503	2.705	6.78	10.193
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.923	0.980	1.302	1.061		1.101	0.894		0.978	
NOx Total Exhaust:	0.923	0.980	1.302	1.061	5.084	1.101	0.894	12.621	0.98	1.152
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.185	0.101	0.173	0.119	0.224	0.000	0.000	0.000	0.000	0.149
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.462	0.221	0.404	0.269	0.586	0.000	0.000	0.000	0.437	0.360

```
* #####
* St & Cnty: 24021 Fred MY: 2002 Speed: 36.0 fredh: 01 1
* File 1, Run 1, Scenario 170.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
```

has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

NO15 Comment: User supplied VMT mix.

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.793	0.542	0.973	0.650	1.278	0.321	0.333	0.578	1.58	0.725
Composite CO :	9.60	10.40	14.95	11.54	14.27	0.644	0.492	2.648	6.57	10.367
Composite NOx :	0.929	0.986	1.307	1.066	5.128	1.108	0.900	12.681	0.99	1.159
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.324	0.574	0.387		0.321	0.333		1.142	
VOC Total Exhaust:	0.337	0.324	0.574	0.387	0.698	0.321	0.333	0.578	1.14	0.370
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.60	10.40	14.95	11.54		0.644	0.492		6.567	
CO Total Exhaust:	9.60	10.40	14.95	11.54	14.27	0.644	0.492	2.648	6.57	10.367
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.929	0.986	1.307	1.066		1.108	0.900		0.986	
NOx Total Exhaust:	0.929	0.986	1.307	1.066	5.128	1.108	0.900	12.681	0.99	1.159
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.179	0.098	0.168	0.116	0.217	0.000	0.000	0.000	0.000	0.144
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.456	0.218	0.399	0.266	0.579	0.000	0.000	0.000	0.437	0.350

```
* #####  
* St & Cnty: 24021 Fred    MY: 2002   Speed: 37.0   Fredh: 01 1  
* File 1, Run 1, Scenario 171.  
* #####  
*FV FILE: .FV      OPMODE: Stable     FACILITY: Arterial       SCENARIO: 171   RoadType: Art_Loc  
M583 Warning:  
The user supplied arterial average speed of 37.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.
```

MOIS COMMENT: User supplied VMT mix.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

2002FRED

Composite Emission Factors (g/mi):

Composite VOC :	0.787	0.538	0.965	0.645	1.247	0.313	0.326	0.565	1.56	0.719
Composite CO :	9.76	10.58	15.17	11.73	14.04	0.631	0.482	2.595	6.37	10.531
Composite NOX :	0.934	0.991	1.311	1.071	5.170	1.114	0.905	12.737	0.99	1.164

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.323	0.571	0.385		0.313	0.326		1.121	
VOC Total Exhaust:	0.337	0.323	0.571	0.385	0.674	0.313	0.326	0.565	1.12	0.368
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.76	10.58	15.17	11.73		0.631	0.482		6.368	
CO Total Exhaust:	9.76	10.58	15.17	11.73	14.04	0.631	0.482	2.595	6.37	10.531
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.934	0.991	1.311	1.071		1.114	0.905		0.994	
NOx Total Exhaust:	0.934	0.991	1.311	1.071	5.170	1.114	0.905	12.737	0.99	1.164

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.173	0.095	0.164	0.112	0.210	0.000	0.000	0.000	0.000	0.140
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.450	0.215	0.394	0.262	0.573	0.000	0.000	0.000	0.437	0.351

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 38.0 fredh: 01 1

* File 1, Run 1, Scenario 172.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.781	0.535	0.957	0.641	1.217	0.307	0.319	0.553	1.54	0.714
Composite CO :	9.91	10.74	15.38	11.90	13.83	0.619	0.473	2.544	6.18	10.687
Composite NOX :	0.938	0.996	1.315	1.075	5.209	1.120	0.909	12.791	1.00	1.170

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.337	0.323	0.567	0.384		0.307	0.319		1.100	
VOC Total Exhaust:	0.337	0.323	0.567	0.384	0.651	0.307	0.319	0.553	1.10	0.367
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	9.91	10.74	15.38	11.90		0.619	0.473		6.181	
CO Total Exhaust:	9.91	10.74	15.38	11.90	13.83	0.619	0.473	2.544	6.18	10.687
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.938	0.996	1.315	1.075		1.120	0.909		1.001	
NOx Total Exhaust:	0.938	0.996	1.315	1.075	5.209	1.120	0.909	12.791	1.00	1.170

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.168	0.093	0.159	0.109	0.204	0.000	0.000	0.000	0.000	0.136
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.444	0.212	0.390	0.259	0.566	0.000	0.000	0.000	0.437	0.346

* #####

* St & Cnty: 24021 Fred MY: 2002 Speed: 39.0 fredh: 01 1

* File 1, Run 1, Scenario 173.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 39.0

will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* # # # # # # # # # # # # # # # # # # # # # # # # #  
* St & Cnty: 24021 Fred MY: 2002 Speed: 40.0 fredh: 01 1  
* File 1, Run 1, Scenario 174.  
* # # # # # # # # # # # # # # # # # # # # # # # # #  
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc  
M583 Warning:  
The user supplied arterial average speed of 40.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the arterial/collector roadway  
type for all hours of the day and all vehicle types.
```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

2002FRED

Composite Emission Factors (g/mi):										
Composite VOC :	0.771	0.529	0.943	0.632	1.163	0.294	0.306	0.530	1.50	0.703
Composite CO :	10.19	11.05	15.77	12.23	13.43	0.596	0.456	2.450	5.83	10.975
Composite NOX :	0.947	1.004	1.323	1.084	5.282	1.131	0.918	12.890	1.02	1.180
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.321	0.561	0.381		0.294	0.306		1.063	
VOC Total Exhaust:	0.336	0.321	0.561	0.381	0.608	0.294	0.306	0.530	1.06	0.365
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.19	11.05	15.77	12.23		0.596	0.456		5.833	
CO Total Exhaust:	10.19	11.05	15.77	12.23	13.43	0.596	0.456	2.450	5.83	10.975
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.947	1.004	1.323	1.084		1.131	0.918		1.015	
NOx Total Exhaust:	0.947	1.004	1.323	1.084	5.282	1.131	0.918	12.890	1.02	1.180
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.158	0.088	0.151	0.104	0.192	0.000	0.000	0.000	0.000	0.128
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.434	0.208	0.381	0.253	0.555	0.000	0.000	0.000	0.437	0.339

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 41.0 fredh: 01 1

* File 1, Run 1, Scenario 175.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.765	0.526	0.935	0.628	1.141	0.288	0.300	0.520	1.49	0.699
Composite CO :	10.35	11.23	16.00	12.42	13.36	0.589	0.450	2.422	5.70	11.149
Composite NOX :	0.954	1.011	1.329	1.091	5.325	1.147	0.931	13.036	1.02	1.188
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.320	0.558	0.380		0.288	0.300		1.050	
VOC Total Exhaust:	0.336	0.320	0.558	0.380	0.592	0.288	0.300	0.520	1.05	0.364
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.35	11.23	16.00	12.42		0.589	0.450		5.702	
CO Total Exhaust:	10.35	11.23	16.00	12.42	13.36	0.589	0.450	2.422	5.70	11.149
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.954	1.011	1.329	1.091		1.147	0.931		1.022	
NOx Total Exhaust:	0.954	1.011	1.329	1.091	5.325	1.147	0.931	13.036	1.02	1.188
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.153	0.085	0.147	0.101	0.187	0.000	0.000	0.000	0.000	0.124
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.429	0.205	0.377	0.251	0.549	0.000	0.000	0.000	0.437	0.335

* # # # # #

* St & Cnty: 24021 Fred MY: 2002 Speed: 42.0 fredh: 01 1

* File 1, Run 1, Scenario 176.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

Calendar Year:	2002
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	279. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* # # # # # # # # # # # # # # # # # # # # # # #  
* St & Cnty: 24021 Fred MY: 2002 Speed: 43.0 fredh: 01 1
```

```
* #####
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO: 177      RoadType: Art_Loc
```

M583 Warning: The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M015 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b

```

Calendar Year:	2092
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	27.9 ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 119

					2002FRED					
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.756	0.520	0.921	0.620	1.100	0.278	0.289	0.502	1.46	0.689
Composite CO :	10.66	11.57	16.43	12.78	13.24	0.577	0.441	2.371	5.46	11.471
Composite NOX :	0.966	1.024	1.341	1.103	5.406	1.176	0.955	13.306	1.03	1.204
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.336	0.319	0.551	0.377		0.278	0.289		1.026	
VOC Total Exhaust:	0.336	0.319	0.551	0.377	0.561	0.278	0.289	0.502	1.03	0.361
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.66	11.57	16.43	12.78		0.577	0.441		5.459	
CO Total Exhaust:	10.66	11.57	16.43	12.78	13.24	0.577	0.441	2.371	5.46	11.471
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.966	1.024	1.341	1.103		1.176	0.955		1.033	
NOx Total Exhaust:	0.966	1.024	1.341	1.103	5.406	1.176	0.955	13.306	1.03	1.204
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.143	0.081	0.140	0.096	0.176	0.000	0.000	0.000	0.000	0.117
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.420	0.201	0.370	0.246	0.539	0.000	0.000	0.000	0.437	0.328

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 44.0 fredh: 01 1
 * File 1, Run 1, Scenario 178.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.751	0.517	0.914	0.616	1.080	0.274	0.284	0.493	1.45	0.685
Composite CO :	10.81	11.73	16.63	12.95	13.18	0.571	0.436	2.346	5.35	11.622
Composite NOX :	0.971	1.030	1.346	1.109	5.443	1.190	0.966	13.432	1.04	1.212
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.547	0.376		0.274	0.284		1.015	
VOC Total Exhaust:	0.335	0.318	0.547	0.376	0.547	0.274	0.284	0.493	1.02	0.360
CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.81	11.73	16.63	12.95		0.571	0.436		5.346	
CO Total Exhaust:	10.81	11.73	16.63	12.95	13.18	0.571	0.436	2.346	5.35	11.622
NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.971	1.030	1.346	1.109		1.190	0.966		1.039	
NOx Total Exhaust:	0.971	1.030	1.346	1.109	5.443	1.190	0.966	13.432	1.04	1.212
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.139	0.079	0.136	0.093	0.171	0.000	0.000	0.000	0.000	0.114
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.416	0.199	0.367	0.243	0.534	0.000	0.000	0.000	0.437	0.325

* #####
 * St & Cnty: 24021 Fred MY: 2002 Speed: 45.0 fredh: 01 1
 * File 1, Run 1, Scenario 179.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
 Page 120

M583 Warning:

The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4933	0.3570	0.1189		0.0050	0.0011	0.0075	0.0122	0.0050	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.747	0.515	0.908	0.613	1.062	0.269	0.280	0.485	1.44	0.681
Composite CO :	10.95	11.88	16.82	13.11	13.13	0.565	0.432	2.323	5.24	11.765
Composite NOX :	0.977	1.036	1.351	1.115	5.479	1.203	0.977	13.552	1.04	1.219

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.335	0.318	0.544	0.374		0.269	0.280		1.004	
VOC Total Exhaust:	0.335	0.318	0.544	0.374	0.533	0.269	0.280	0.485	1.00	0.359

CO Start:	0.00	0.00	0.00	3.03		0.000	0.000		0.000	
CO Running:	10.95	11.88	16.82	13.11		0.565	0.432		5.238	
CO Total Exhaust:	10.95	11.88	16.82	13.11	13.13	0.565	0.432	2.323	5.24	11.765

NOx Start:	0.000	0.000	0.000	0.086		0.000	0.000		0.000	
NOx Running:	0.977	1.036	1.351	1.115		1.203	0.977		1.044	
NOx Total Exhaust:	0.977	1.036	1.351	1.115	5.479	1.203	0.977	13.552	1.04	1.219

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.145	0.064	0.107	0.075	0.142	0.000	0.000	0.000	0.054	0.108
Diurnal Loss:	0.023	0.011	0.021	0.014	0.040	0.000	0.000	0.000	0.016	0.018
Resting Loss:	0.100	0.036	0.091	0.050	0.169	0.000	0.000	0.000	0.366	0.076
Running Loss:	0.135	0.077	0.133	0.091	0.166	0.000	0.000	0.000	0.000	0.111
Crankcase Loss:	0.008	0.009	0.011	0.010	0.012	0.000	0.000	0.000	0.000	0.009
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.411	0.197	0.364	0.241	0.529	0.000	0.000	0.000	0.437	0.321

```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Frederick

REPORT FILE      : e:\aqprog\Mobile62\06fred\co\2015fred.out REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
Pollutants       : CO
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\Mobile62\06fred\co\2015fred.TB1 REPLACE
SPREADSHEET      : e:\aqprog\Mobile62\06fred\co\2015fred.TAB REPLACE
AGGREGATED OUTPUT :

RUN DATA        :
>COMMENTS
>24 021

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE :
EXPAND EXHAUST    :

NO REFUELING      :
REBUILD EFFECTS   : 0.90
WE DA TRI LEN DI  : e:\aqprog\mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP       : e:\aqprog\mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM      : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - EXT_DATA\RTD\R05_FRED.RDT
REG DIST          : e:\aqprog\mobile62\06mdcom\Ext_Data\RTD\R05_FRED.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02.ATP
ANTI-TAMP PROG    :
** Applicable for counties: Calvert, Charles, Fredrick, & Washington
95 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_2010.IM
>IM Program. Idle, IM240, and OBD.
>Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

*Idle older LDGV, LDGT
I/M PROGRAM      : 1 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 1 1977 1983
I/M VEHICLES     : 1 22222 11111111 1
I/M STRINGENCY   : 1 20.0
I/M COMPLIANCE   : 1 96.0
I/M WAIVER RATES : 1 13.8 13.8
I/M GRACE PERIOD : 1 2

*Idle HDGT
I/M PROGRAM      : 2 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 2 1977 2050
I/M VEHICLES     : 2 11111 22222111 1
I/M STRINGENCY   : 2 20.0
I/M COMPLIANCE   : 2 96.0
I/M WAIVER RATES : 2 13.8 13.8
I/M GRACE PERIOD : 2 2

*IM240
I/M PROGRAM      : 3 1995 2050 2 T/O IM240
I/M MODEL YEARS  : 3 1984 1995
I/M VEHICLES     : 3 22222 11111111 1
I/M STRINGENCY   : 3 20.0
I/M COMPLIANCE   : 3 96.0
I/M WAIVER RATES : 3 13.8 13.8
I/M CUTPOINTS    : 3 e:\aqprog\mobile62\06mdcom\ext_data\IM_ATP\MD.C10
I/M GRACE PERIOD : 3 2

*OBD
I/M PROGRAM      : 4 1995 2050 2 T/O OBD I/M
I/M MODEL YEARS  : 4 1996 2050
I/M VEHICLES     : 4 22222 11111111 1
I/M STRINGENCY   : 4 20.0
I/M COMPLIANCE   : 4 96.0
I/M WAIVER RATES : 4 5.4 5.4
I/M GRACE PERIOD : 4 2

*OBD Evap (Actual Start Year: July 2002)
I/M PROGRAM      : 5 2002 2050 2 T/O EVAP OBD
I/M MODEL YEARS  : 5 1996 2050
I/M VEHICLES     : 5 22222 11111111 1
I/M COMPLIANCE   : 5 96.0
I/M WAIVER RATES : 5 5.4 5.4
I/M GRACE PERIOD : 5 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D10_FRED
DIESEL FRACTIONS :
0.0068 0.0068 0.0068 0.0068 0.0068 0.0036 0.0034 0.0043 0.0025
0.0022 0.0033 0.0022 0.0013 0.0020 0.0019 0.0004 0.0013 0.0023 0.0055
0.0010 0.0007 0.0004 0.0273 0.0153
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0008
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0028 0.0000
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0010 0.0054
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000
0.0000 0.0004 0.0012 0.0004 0.0028 0.0079 0.0025 0.0023 0.0005 0.0034
0.0050 0.0068 0.0109 0.0089 0.0169
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0009 0.0000 0.0000 0.0000

```

2015fred
0.0007 0.0005 0.0004 0.0065 0.0146 0.0155 0.0172 0.0059 0.0102 0.0183
0.0288 0.0116 0.0047 0.0409 0.0471
0.2928 0.2928 0.2928 0.2928 0.2928 0.2928 0.2976 0.2356 0.2420 0.2112
0.2042 0.2699 0.1572 0.3314 0.3080 0.2452 0.2608 0.3049 0.1870 0.2342
0.2041 0.1640 0.1822 0.2488 0.2290
0.6980 0.6980 0.6980 0.6980 0.6980 0.6980 0.5259 0.5592 0.5244 0.5352
0.5490 0.6704 0.3799 0.4052 0.5667 0.4346 0.4041 0.5274 0.4444 0.4184
0.4094 0.3949 0.3810 0.3972 0.4031
0.8471 0.8471 0.8471 0.8471 0.8471 0.8471 0.7544 0.6182 0.5973 0.5135
0.6372 0.5885 0.4375 0.5714 0.5261 0.6081 0.3929 0.6087 0.2828 0.3258
0.3876 0.3672 0.3452 0.0147 0.0000
0.9574 0.9574 0.9574 0.9574 0.9574 0.9574 0.9273 0.9192 0.8563 0.9392
0.8368 0.7162 0.6230 0.2394 0.4878 0.3611 0.5818 0.8529 0.7308 0.6250
0.6667 0.7692 0.3571 0.6190 0.2857
0.9614 0.9614 0.9614 0.9614 0.9614 0.9614 0.8207 0.8262 0.8649 0.9118
0.8547 0.7971 0.8663 0.9486 0.9623 0.9677 0.9380 0.9379 0.6271 0.7849
0.8396 0.5889 0.6129 0.6769 0.5333
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9697 1.0000 1.0000 0.9933
0.9748 0.8961 0.9147 0.8521 0.9053 0.9774 0.9192 0.9667 0.9369 0.9470
0.9271 0.8625 0.9161 0.8403 0.7412
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9975
0.9978 1.0000 1.0000 1.0000 1.0000 0.9968 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 0.9759
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

MIN/MAX TEMPERATURE: 33.00 53.00
FUEL RVP : 12.90

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
CALENDAR YEAR : 2015

EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 6.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 7.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 8.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 9.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 10.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :

2015fred

0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1

2015fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

2015fred

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial

2015fred
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 44.0 Month: 01 1
Page 7

>FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2015fred SCENARIO: 44 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 44.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 45.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 45.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 46.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 46.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 47.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 47.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 48.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 48.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 49.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 49.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 50.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 50.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 51.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 51.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2015fred

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 52.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 52   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 52.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 53.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 53   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 53.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 54.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 54   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 54.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 55.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 55   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 55.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 56.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 56   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 56.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 57.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 57   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 57.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 58.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 58   RoadType: Arterial
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 58.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 59.0   Month: 01 1
>FV FILE:          : .FV               OPMODE: Stable   FACILITY: Arterial   SCENARIO: 59   RoadType: Arterial
CALENDAR YEAR      : 2015

```

EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 59.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 60.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 60.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 61.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 61.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 62.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 62.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 63.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 63.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 64.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 64.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 65.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 65.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 1.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 1.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :

2015fred

0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1

2015fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

2015fred

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Non-Ramp

2015fred

SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1

2015fred
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 36.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
 VMT FRACTIONS :
 0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
 0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2015fred

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 40.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 105   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 40.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 41.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 106   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 41.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 42.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 107   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 42.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 43.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 108   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 43.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 44.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 109   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 44.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 45.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 110   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 45.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 46.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 111   RoadType: Non-Ramp
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED      : 46.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS      :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021   MY: 2015   Speed: 47.0   Month: 01 1
>FV FILE:          : .FV               OPMode: Stable   FACILITY: Non-Ramp   SCENARIO: 112   RoadType: Non-Ramp
CALENDAR YEAR      : 2015

```

```

EVALUATION MONTH : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 47.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 48.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 48.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 49.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 49.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 50.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 50.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 51.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 51.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 52.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 53.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 54.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :

```

2015fred

0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 55.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 56.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 57.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 58.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 59.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 60.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 61.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM
VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 62.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1

2015fred

ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 64.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 65.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 34.6 Month: 01 1
>FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV4.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_FRED.VM

VMT FRACTIONS :
0.3475 0.0852 0.3165 0.1091 0.0538 0.0272 0.0027 0.0023
0.0025 0.0072 0.0057 0.0074 0.0283 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

2015fred

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial

2015fred
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 16.0 Month: 01 1
Page 21

2015fred
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 16.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 18.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 19.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 20.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 21.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 22.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 22.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
 VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

 SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2015fred

```

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 24.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 158  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 24.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 25.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 159  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 25.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 26.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 160  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 26.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 27.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 161  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 27.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 28.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 162  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 28.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 29.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 163  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 29.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 30.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 164  RoadType: Art_Loc
CALENDAR YEAR      : 2015
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 30.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS      :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24021  MY: 2015  Speed: 31.0  Month: 01 1
>FV FILE:          .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 165  RoadType: Art_Loc
CALENDAR YEAR      : 2015

```


EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 31.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 36.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :
 0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
 0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM

VMT FRACTIONS :

2015fred

0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24021 MY: 2015 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_FRED.VM
VMT FRACTIONS :
0.3722 0.0913 0.3390 0.1168 0.0576 0.0059 0.0006 0.0005
0.0006 0.0016 0.0012 0.0016 0.0062 0.0000 0.0000 0.0049

END OF RUN :

[illegible]

2015FRED

VTM Distribution:	0.3457	0.4014	0.1629	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 2.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
 M 52 Warning: 2.00 speed increased to 2.5 mph minimum

M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.3457	0.4014	0.1629	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097	
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 3.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
 M583 Warning:

The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

```

2015FRED

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.14	7.08	7.25	7.13	27.52	1.380	1.110	2.145	51.90	7.429
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.14	7.08	7.25	7.13		1.380	1.110		51.902	
CO Total Exhaust:	7.14	7.08	7.25	7.13	27.52	1.380	1.110	2.145	51.90	7.429

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 6.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
 M583 Warning:

The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.24	6.22	6.37	6.26	24.45	1.237	0.995	1.923	42.91	6.510
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.24	6.22	6.37	6.26		1.237	0.995		42.913	
CO Total Exhaust:	6.24	6.22	6.37	6.26	24.45	1.237	0.995	1.923	42.91	6.510

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 7.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
 M583 Warning:

The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi

2015FRED

Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.60	5.60	5.74	5.64	22.26	1.135	0.913	1.765	36.49	5.854
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.60	5.60	5.74	5.64		1.135	0.913		36.492	
CO Total Exhaust:	5.60	5.60	5.74	5.64	22.26	1.135	0.913	1.765	36.49	5.854

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 8.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.12	5.14	5.26	5.18	20.61	1.059	0.852	1.646	31.68	5.361
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.12	5.14	5.26	5.18		1.059	0.852		31.677	
CO Total Exhaust:	5.12	5.14	5.26	5.18	20.61	1.059	0.852	1.646	31.68	5.361

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 9.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low

2015FRED

Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.74	4.78	4.90	4.82	19.33	0.999	0.804	1.553	27.93	4.978
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.74	4.78	4.90	4.82		0.999	0.804		27.931	
CO Total Exhaust:	4.74	4.78	4.90	4.82	19.33	0.999	0.804	1.553	27.93	4.978

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1
* File 1, Run 1, Scenario 10.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.44	4.50	4.60	4.53	18.31	0.951	0.765	1.479	24.93	4.672
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.44	4.50	4.60	4.53		0.951	0.765		24.935	
CO Total Exhaust:	4.44	4.50	4.60	4.53	18.31	0.951	0.765	1.479	24.93	4.672

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1
* File 1, Run 1, Scenario 11.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

2015FRED
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.23	4.28	4.38	4.31	16.83	0.879	0.707	1.367	22.55	4.425
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.23	4.28	4.38	4.31		0.879	0.707		22.551	
CO Total Exhaust:	4.23	4.28	4.38	4.31	16.83	0.879	0.707	1.367	22.55	4.425

* #####
* St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1
* File 1, Run 1, Scenario 12.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 12.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.04	4.10	4.19	4.12	15.59	0.819	0.659	1.273	20.57	4.219
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.04	4.10	4.19	4.12		0.819	0.659		20.565	
CO Total Exhaust:	4.04	4.10	4.19	4.12	15.59	0.819	0.659	1.273	20.57	4.219

* #####
* St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 13.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:

```

M 48 Warning: there are no sales for vehicle class HDGV8b
              there are no sales for vehicle class HDGB
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
              Calendar Year: 2015
              Month: Jan.
              Altitude: Low
              Minimum Temperature: 33.0 (F)
              Maximum Temperature: 53.0 (F)
              Absolute Humidity: 75. grains/lb
              Nominal Fuel RVP: 12.9 psi
              Weathered RVP: 12.9 psi
              Fuel Sulfur Content: 30. ppm

              Exhaust I/M Program: Yes
              Evap I/M Program: Yes
              ATP Program: Yes
              Reformulated Gas: No

```

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDLT	HDDV	MC	All Veh
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.89	3.94	4.04	3.97	14.54	0.768	0.618	1.194	18.88	4.045

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.89	3.94	4.04	3.97		0.768	0.618		18.885	
CO Total Exhaust:	3.89	3.94	4.04	3.97	14.54	0.768	0.618	1.194	18.88	4.045

```

* #####
* St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1
* File 1, Run 1, Scenario 14.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
M583 Warning:
    The user supplied arterial average speed of 14.0
    will be used for all hours of the day, 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

M 48 Warning:
    there are no sales for vehicle class HDGB

```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
                Month: Jan.
                Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.76	3.81	3.90	3.84	13.65	0.724	0.583	1.126	17.44	3.896
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.76	3.81	3.90	3.84		0.724	0.583		17.444	
CO Total Exhaust:	3.76	3.81	3.90	3.84	13.65	0.724	0.583	1.126	17.44	3.896

Page 8

2015FRED
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.65	3.70	3.79	3.72	12.87	0.687	0.552	1.067	16.20	3.766
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.65	3.70	3.79	3.72		0.687	0.552		16.196	
CO Total Exhaust:	3.65	3.70	3.79	3.72	12.87	0.687	0.552	1.067	16.20	3.766

* #####

* St & Cnty: 24021 MY: 2015 Speed: 16.0 Month: 01 1

* File 1, Run 1, Scenario 16.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 16.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.55	3.60	3.68	3.62	12.04	0.645	0.519	1.002	15.19	3.649
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.60	3.68	3.62		0.645	0.519		15.190	
CO Total Exhaust:	3.55	3.60	3.68	3.62	12.04	0.645	0.519	1.002	15.19	3.649

* #####

* St & Cnty: 24021 MY: 2015 Speed: 17.0 Month: 01 1

* File 1, Run 1, Scenario 17.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 17.0
will be used for all hours of the day. 100% of VMT

has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.46	3.51	3.59	3.53	11.31	0.608	0.489	0.945	14.30	3.546
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.46	3.51	3.59	3.53		0.608	0.489		14.302	
CO Total Exhaust:	3.46	3.51	3.59	3.53	11.31	0.608	0.489	0.945	14.30	3.546

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 18.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 18.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.43	3.51	3.46	10.66	0.575	0.462	0.893	13.51	3.455
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.38	3.43	3.51	3.46		0.575	0.462		13.513	
CO Total Exhaust:	3.38	3.43	3.51	3.46	10.66	0.575	0.462	0.893	13.51	3.455

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
* File 1, Run 1, Scenario 19.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2015FRED
 M583 Warning: SCENARIO10: 19 RoadType: Arterial

The user supplied arterial average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.31	3.36	3.44	3.38	10.08	0.545	0.438	0.847	12.81	3.373
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.31	3.36	3.44	3.38		0.545	0.438		12.807	
CO Total Exhaust:	3.31	3.36	3.44	3.38	10.08	0.545	0.438	0.847	12.81	3.373

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 20.

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 20 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.806	12.17	3.299
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.25	3.30	3.38	3.32		0.519	0.417		12.172	
CO Total Exhaust:	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.806	12.17	3.299

2015FRED

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 21.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.19	3.25	3.32	3.27	9.07	0.493	0.396	0.766	11.58	3.235
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.19	3.25	3.32	3.27		0.493	0.396		11.585	
CO Total Exhaust:	3.19	3.25	3.32	3.27	9.07	0.493	0.396	0.766	11.58	3.235

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 22.0 Month: 01 1
 * File 1, Run 1, Scenario 22.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.20	3.27	3.22	8.62	0.469	0.377	0.729	11.05	3.177
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

	CO Running:	3.15	3.20	3.27	3.22	2015FRED	0.469	0.377		11.051	
	CO Total Exhaust:	3.15	3.20	3.27	3.22	8.62	0.469	0.377	0.729	11.05	3.177

* #####

* St & Cnty: 24021 MY: 2015 Speed: 23.0 Month: 01 1

* File 1, Run 1, Scenario 23.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 23.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.10	3.15	3.23	3.18	8.22	0.448	0.360	0.696	10.56	3.125

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.10	3.15	3.23	3.18		0.448	0.360		10.564	
CO Total Exhaust:	3.10	3.15	3.23	3.18	8.22	0.448	0.360	0.696	10.56	3.125

* #####

* St & Cnty: 24021 MY: 2015 Speed: 24.0 Month: 01 1

* File 1, Run 1, Scenario 24.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 24.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.06	3.11	3.19	3.13	7.84	0.428	0.344	0.665	10.12	3.076

2015FRED

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.06	3.11	3.19	3.13		0.428	0.344		10.117	
CO Total Exhaust:	3.06	3.11	3.19	3.13	7.84	0.428	0.344	0.665	10.12	3.076

* #####

* St & Cnty: 24021 MY: 2015 Speed: 25.0 Month: 01 1

* File 1, Run 1, Scenario 25.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 25.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----

VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.02	3.08	3.15	3.10	7.50	0.410	0.330	0.637	9.71	3.031

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.02	3.08	3.15	3.10		0.410	0.330		9.706	
CO Total Exhaust:	3.02	3.08	3.15	3.10	7.50	0.410	0.330	0.637	9.71	3.031

* #####

* St & Cnty: 24021 MY: 2015 Speed: 26.0 Month: 01 1

* File 1, Run 1, Scenario 26.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 26.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----

2015FRED										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.01	3.06	3.13	3.08	7.20	0.393	0.317	0.612	9.29	3.008

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.01	3.06	3.13	3.08		0.393	0.317		9.294	
CO Total Exhaust:	3.01	3.06	3.13	3.08	7.20	0.393	0.317	0.612	9.29	3.008

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 27.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.05	3.12	3.07	6.93	0.378	0.304	0.588	8.91	2.986

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.05	3.12	3.07		0.378	0.304		8.913	
CO Total Exhaust:	2.99	3.05	3.12	3.07	6.93	0.378	0.304	0.588	8.91	2.986

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 28.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2015FRED

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.98	3.03	3.11	3.06	6.68	0.364	0.293	0.566	8.56	2.966
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.98	3.03	3.11	3.06		0.364	0.293		8.559	
CO Total Exhaust:	2.98	3.03	3.11	3.06	6.68	0.364	0.293	0.566	8.56	2.966

* #####

* St & Cnty: 24021 MY: 2015 Speed: 29.0 Month: 01 1

* File 1, Run 1, Scenario 29.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.09	3.04	6.44	0.351	0.283	0.546	8.23	2.947
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.02	3.09	3.04		0.351	0.283		8.229	
CO Total Exhaust:	2.97	3.02	3.09	3.04	6.44	0.351	0.283	0.546	8.23	2.947

* #####

* St & Cnty: 24021 MY: 2015 Speed: 30.0 Month: 01 1

* File 1, Run 1, Scenario 30.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 30.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2015FRED

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.96	3.01	3.08	3.03	6.22	0.339	0.273	0.527	7.92	2.930

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.96	3.01	3.08	3.03		0.339	0.273		7.922	
CO Total Exhaust:	2.96	3.01	3.08	3.03	6.22	0.339	0.273	0.527	7.92	2.930

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 31.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.09	3.04	6.04	0.329	0.264	0.511	7.62	2.933

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.02	3.09	3.04		0.329	0.264		7.623	
CO Total Exhaust:	2.97	3.02	3.09	3.04	6.04	0.329	0.264	0.511	7.62	2.933

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 32.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015FRED

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.496	7.34	2.937

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.03	3.10	3.05		0.319	0.257		7.343	
CO Total Exhaust:	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.496	7.34	2.937

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 33.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.482	7.08	2.940

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.98	3.04	3.11	3.06		0.310	0.249		7.080	
CO Total Exhaust:	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.482	7.08	2.940

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 34.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2015FRED

Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.05	3.12	3.07	5.58	0.302	0.243	0.469	6.83	2.943
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.05	3.12	3.07		0.302	0.243		6.833	
CO Total Exhaust:	2.99	3.05	3.12	3.07	5.58	0.302	0.243	0.469	6.83	2.943

* #####

* St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 35.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.456	6.60	2.946
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.00	3.06	3.13	3.08		0.293	0.236		6.599	
CO Total Exhaust:	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.456	6.60	2.946

* #####

* St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1

* File 1, Run 1, Scenario 36.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.

2015FRED

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.447	6.40	2.998

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.06	3.12	3.19	3.14		0.287	0.231		6.395	
CO Total Exhaust:	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.447	6.40	2.998

* #####

* St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1

* File 1, Run 1, Scenario 37.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.438	6.20	3.047

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.11	3.18	3.25	3.20		0.282	0.226		6.202	
CO Total Exhaust:	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.438	6.20	3.047

* #####

* St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1

* File 1, Run 1, Scenario 38.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

2015FRED

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.429	6.02	3.094

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.24	3.31	3.26		0.276	0.222		6.019	
CO Total Exhaust:	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.429	6.02	3.094

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 39.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.22	3.29	3.36	3.31	5.11	0.271	0.218	0.421	5.85	3.138

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.22	3.29	3.36	3.31		0.271	0.218		5.846	
CO Total Exhaust:	3.22	3.29	3.36	3.31	5.11	0.271	0.218	0.421	5.85	3.138

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 40.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.26	3.34	3.41	3.36	5.04	0.266	0.214	0.413	5.68	3.180

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.26	3.34	3.41	3.36		0.266	0.214		5.681	
CO Total Exhaust:	3.26	3.34	3.41	3.36	5.04	0.266	0.214	0.413	5.68	3.180

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 41.0 Month: 01 1
* File 1, Run 1, Scenario 41.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.409	5.55	3.234

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.32	3.40	3.47	3.42		0.263	0.211		5.553	
CO Total Exhaust:	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.409	5.55	3.234

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 42.0 Month: 01 1
* File 1, Run 1, Scenario 42.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 42.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

2015FRED

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.404	5.43	3.285

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.38	3.46	3.53	3.48		0.260	0.209		5.432	
CO Total Exhaust:	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.404	5.43	3.285

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 43.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.43	3.52	3.59	3.54	4.97	0.257	0.207	0.400	5.32	3.333

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.43	3.52	3.59	3.54		0.257	0.207		5.317	
CO Total Exhaust:	3.43	3.52	3.59	3.54	4.97	0.257	0.207	0.400	5.32	3.333

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 44.0 Month: 01 1
 * File 1, Run 1, Scenario 44.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 44.0

2015FRED

will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.48	3.57	3.64	3.59	4.95	0.255	0.205	0.396	5.21	3.379
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.48	3.57	3.64	3.59		0.255	0.205		5.206	
CO Total Exhaust:	3.48	3.57	3.64	3.59	4.95	0.255	0.205	0.396	5.21	3.379

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 45.0 Month: 01 1
* File 1, Run 1, Scenario 45.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.392	5.10	3.424
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.53	3.62	3.69	3.64		0.252	0.203		5.101	
CO Total Exhaust:	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.392	5.10	3.424

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 46.0 Month: 01 1
* File 1, Run 1, Scenario 46.

```
* #####
*FV FILE:          .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO: 46      RoadType: Arterial
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2015 Speed: 47.0 Month: 01 1
* File 1, Run 1, Scenario 47.
```

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO0: 47      RoadType: Arterial
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 25

* #

* File 1, Run 1, Scenario 48.

* #####

M583 Warning:

The user supplied arterial average speed of 48.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```
there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.70	3.80	3.86	3.82	5.03	0.251	0.202	0.390	4.95	3.581
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.80	3.86	3.82		0.251	0.202		4.953	
CO Total Exhaust:	3.70	3.80	3.86	3.82	5.03	0.251	0.202	0.390	4.95	3.581

* #

* St & Cnty: 24021 MY: 2015 Speed: 49.0 Month: 01 1

* File 1, Run 1, Scenario 49.

* #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 49.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

```
there are no sales for vehicle class HDGV8b
```

M 48 Warning:

```

9 there are no sales for vehicle class HDGB

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

[illegible]

CO Start:	0.00	0.00	0.00	0.00	2015FRED	0.000	0.000		0.000	
CO Running:	3.75	3.85	3.92	3.87		0.250	0.202		4.907	
CO Total Exhaust:	3.75	3.85	3.92	3.87	5.06	0.250	0.202	0.389	4.91	3.629

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 50.0 Month: 01 1
 * File 1, Run 1, Scenario 50.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.80	3.90	3.97	3.92	5.09	0.250	0.201	0.389	4.86	3.676

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.80	3.90	3.97	3.92		0.250	0.201		4.864	
CO Total Exhaust:	3.80	3.90	3.97	3.92	5.09	0.250	0.201	0.389	4.86	3.676

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 51.0 Month: 01 1
 * File 1, Run 1, Scenario 51.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.85	3.96	4.03	3.98	2015FRED 5.19	0.252	0.203	0.392	4.86	3.732

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.96	4.03	3.98		0.252	0.203		4.864	
CO Total Exhaust:	3.85	3.96	4.03	3.98	5.19	0.252	0.203	0.392	4.86	3.732

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 52.0 Month: 01 1
 * File 1, Run 1, Scenario 52.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.91	4.02	4.09	4.04	5.29	0.254	0.204	0.395	4.86	3.786

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.91	4.02	4.09	4.04		0.254	0.204		4.864	
CO Total Exhaust:	3.91	4.02	4.09	4.04	5.29	0.254	0.204	0.395	4.86	3.786

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 53.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

2015FRED
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.06	4.18	4.25	4.20	5.56	0.260	0.209	0.404	4.86	3.936

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.06	4.18	4.25	4.20		0.260	0.209		4.864	
CO Total Exhaust:	4.06	4.18	4.25	4.20	5.56	0.260	0.209	0.404	4.86	3.936

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 56.0 Month: 01 1
 * File 1, Run 1, Scenario 56.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.12	4.24	4.31	4.26	5.74	0.265	0.213	0.411	6.12	3.999

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.12	4.24	4.31	4.26		0.265	0.213		6.119	
CO Total Exhaust:	4.12	4.24	4.31	4.26	5.74	0.265	0.213	0.411	6.12	3.999

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 57.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes

2015FRED

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.17	4.30	4.37	4.32	5.91	0.269	0.217	0.419	7.33	4.061
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.17	4.30	4.37	4.32		0.269	0.217		7.330	
CO Total Exhaust:	4.17	4.30	4.37	4.32	5.91	0.269	0.217	0.419	7.33	4.061

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 58.0 Month: 01 1
 * File 1, Run 1, Scenario 58.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.23	4.35	4.42	4.37	6.08	0.274	0.220	0.426	8.50	4.120
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.23	4.35	4.42	4.37		0.274	0.220		8.499	
CO Total Exhaust:	4.23	4.35	4.42	4.37	6.08	0.274	0.220	0.426	8.50	4.120

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 59.0 Month: 01 1
 * File 1, Run 1, Scenario 59.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 59.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015FRED

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.28	4.41	4.48	4.43	6.25	0.278	0.224	0.432	9.63	4.177
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.28	4.41	4.48	4.43		0.278	0.224		9.628	
CO Total Exhaust:	4.28	4.41	4.48	4.43	6.25	0.278	0.224	0.432	9.63	4.177

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 60.0 Month: 01 1
 * File 1, Run 1, Scenario 60.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.33	4.46	4.53	4.48	6.41	0.282	0.227	0.439	10.72	4.232
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.33	4.46	4.53	4.48		0.282	0.227		10.720	
CO Total Exhaust:	4.33	4.46	4.53	4.48	6.41	0.282	0.227	0.439	10.72	4.232

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 61.0 Month: 01 1
 * File 1, Run 1, Scenario 61.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)

2015FRED

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.39	4.52	4.59	4.54	6.71	0.291	0.234	0.452	11.97	4.298
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.39	4.52	4.59	4.54		0.291	0.234		11.969	
CO Total Exhaust:	4.39	4.52	4.59	4.54	6.71	0.291	0.234	0.452	11.97	4.298

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 62.0 Month: 01 1

* File 1, Run 1, Scenario 62.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.44	4.58	4.65	4.60	6.99	0.299	0.240	0.464	13.18	4.362
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.44	4.58	4.65	4.60		0.299	0.240		13.176	
CO Total Exhaust:	4.44	4.58	4.65	4.60	6.99	0.299	0.240	0.464	13.18	4.362

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 63.0 Month: 01 1

* File 1, Run 1, Scenario 63.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

2015FRED

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.49	4.63	4.70	4.65	7.27	0.306	0.246	0.476	14.35	4.424
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.49	4.63	4.70	4.65		0.306	0.246		14.346	
CO Total Exhaust:	4.49	4.63	4.70	4.65	7.27	0.306	0.246	0.476	14.35	4.424

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 64.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.54	4.69	4.76	4.71	7.54	0.314	0.252	0.488	15.48	4.483
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.54	4.69	4.76	4.71		0.314	0.252		15.479	
CO Total Exhaust:	4.54	4.69	4.76	4.71	7.54	0.314	0.252	0.488	15.48	4.483

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 65.0 Month: 01 1
 * File 1, Run 1, Scenario 65.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.59	4.74	4.81	4.76	7.81	0.321	0.258	0.499	16.58	4.541
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.59	4.74	4.81	4.76		0.321	0.258		16.577	
CO Total Exhaust:	4.59	4.74	4.81	4.76	7.81	0.321	0.258	0.499	16.58	4.541

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 66.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 M 52 Warning: 1.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	12.881
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097	
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	12.881

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 67.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
 M 52 Warning: 2.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	12.881
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097	
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.44	1.690	1.360	2.628	90.10	12.881

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1

* File 1, Run 1, Scenario 68.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.03	10.70	10.96	10.78	32.13	1.587	1.277	2.467	77.37	11.064
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.03	10.70	10.96	10.78		1.587	1.277		77.366	
CO Total Exhaust:	11.03	10.70	10.96	10.78	32.13	1.587	1.277	2.467	77.37	11.064

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 4.00 Month: 01 1

* File 1, Run 1, Scenario 69.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp

M581 Warning:

2015FRED

The user supplied freeway average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.60	8.44	8.64	8.50	29.25	1.458	1.172	2.266	61.45	8.792
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.60	8.44	8.64	8.50		1.458	1.172		61.451	
CO Total Exhaust:	8.60	8.44	8.64	8.50	29.25	1.458	1.172	2.266	61.45	8.792

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 5.00 Month: 01 1
* File 1, Run 1, Scenario 70.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.14	7.08	7.25	7.13	27.52	1.380	1.110	2.145	51.90	7.429
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.14	7.08	7.25	7.13		1.380	1.110		51.902	
CO Total Exhaust:	7.14	7.08	7.25	7.13	27.52	1.380	1.110	2.145	51.90	7.429

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1

2015FRED

* File 1, Run 1, Scenario 71.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 6.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.11	6.09	6.23	6.13	24.45	1.237	0.995	1.923	42.91	6.390
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.11	6.09	6.23	6.13		1.237	0.995		42.913	
CO Total Exhaust:	6.11	6.09	6.23	6.13	24.45	1.237	0.995	1.923	42.91	6.390

* #####

* St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1

* File 1, Run 1, Scenario 72.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 7.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.38	5.38	5.51	5.42	22.26	1.135	0.913	1.765	36.49	5.648
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.38	5.38	5.51	5.42		1.135	0.913		36.492	
CO Total Exhaust:	5.38	5.38	5.51	5.42	22.26	1.135	0.913	1.765	36.49	5.648

* St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1

* File 1, Run 1, Scenario 73.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 8.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.82	4.84	4.97	4.88	20.61	1.059	0.852	1.646	31.68	5.091
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.82	4.84	4.97	4.88		1.059	0.852		31.677	
CO Total Exhaust:	4.82	4.84	4.97	4.88	20.61	1.059	0.852	1.646	31.68	5.091

* St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1

* File 1, Run 1, Scenario 74.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 9.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.39	4.43	4.54	4.46	19.33	0.999	0.804	1.553	27.93	4.658
Exhaust emissions (g/mi):										

2015FRED

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.39	4.43	4.54	4.46		0.999	0.804		27.931	
CO Total Exhaust:	4.39	4.43	4.54	4.46	19.33	0.999	0.804	1.553	27.93	4.658

* #####

* St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1

* File 1, Run 1, Scenario 75.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.05	4.10	4.20	4.13	18.31	0.951	0.765	1.479	24.93	4.312

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.05	4.10	4.20	4.13		0.951	0.765		24.935	
CO Total Exhaust:	4.05	4.10	4.20	4.13	18.31	0.951	0.765	1.479	24.93	4.312

* #####

* St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1

* File 1, Run 1, Scenario 76.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

2015FRED
Composite Emission Factors (g/mi):
Composite CO : 3.81 3.86 3.96 3.89 16.83 0.879 0.707 1.367 22.55 4.049

Exhaust emissions (g/mi):
CO Start: 0.00 0.00 0.00 0.00 0.000 0.000 0.000
CO Running: 3.81 3.86 3.96 3.89 0.879 0.707 22.551
CO Total Exhaust: 3.81 3.86 3.96 3.89 16.83 0.879 0.707 1.367 22.55 4.049

* #####
* St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1
* File 1, Run 1, Scenario 77.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 12.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Composite Emission Factors (g/mi):										
Composite CO :	3.62	3.67	3.76	3.70	15.59	0.819	0.659	1.273	20.57	3.829
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.62	3.67	3.76	3.70		0.819	0.659		20.565	
CO Total Exhaust:	3.62	3.67	3.76	3.70	15.59	0.819	0.659	1.273	20.57	3.829
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

* #####
* St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 78.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 41					

GVWR:		<6000	>6000	(All)	2015FRED					
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.45	3.50	3.59	3.53	14.54	0.768	0.618	1.194	18.88	3.644
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.45	3.50	3.59	3.53		0.768	0.618		18.885	
CO Total Exhaust:	3.45	3.50	3.59	3.53	14.54	0.768	0.618	1.194	18.88	3.644

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1
 * File 1, Run 1, Scenario 79.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.31	3.36	3.45	3.39	13.65	0.724	0.583	1.126	17.44	3.485
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.31	3.36	3.45	3.39		0.724	0.583		17.444	
CO Total Exhaust:	3.31	3.36	3.45	3.39	13.65	0.724	0.583	1.126	17.44	3.485

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 80.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 42

2015FRED

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.19	3.24	3.32	3.26	12.87	0.687	0.552	1.067	16.20	3.347

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.19	3.24	3.32	3.26		0.687	0.552		16.196	
CO Total Exhaust:	3.19	3.24	3.32	3.26	12.87	0.687	0.552	1.067	16.20	3.347

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 81.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.16	3.21	3.29	3.23	12.04	0.645	0.519	1.002	15.19	3.294

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.21	3.29	3.23		0.645	0.519		15.190	
CO Total Exhaust:	3.16	3.21	3.29	3.23	12.04	0.645	0.519	1.002	15.19	3.294

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 82.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes

ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.13	3.18	3.26	3.21	11.31	0.608	0.489	0.945	14.30	3.248

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.13	3.18	3.26	3.21		0.608	0.489		14.302	
CO Total Exhaust:	3.13	3.18	3.26	3.21	11.31	0.608	0.489	0.945	14.30	3.248

* #####
* St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 83.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 18.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.11	3.16	3.24	3.18	10.66	0.575	0.462	0.893	13.51	3.207

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.11	3.16	3.24	3.18		0.575	0.462		13.513	
CO Total Exhaust:	3.11	3.16	3.24	3.18	10.66	0.575	0.462	0.893	13.51	3.207

* #####
* St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
* File 1, Run 1, Scenario 84.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 19.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.09	3.14	3.22	3.16	10.08	0.545	0.438	0.847	12.81	3.171

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.09	3.14	3.22	3.16		0.545	0.438		12.807	
CO Total Exhaust:	3.09	3.14	3.22	3.16	10.08	0.545	0.438	0.847	12.81	3.171

* #####

* St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1

* File 1, Run 1, Scenario 85.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.07	3.12	3.20	3.14	9.56	0.519	0.417	0.806	12.17	3.138

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.07	3.12	3.20	3.14		0.519	0.417		12.172	
CO Total Exhaust:	3.07	3.12	3.20	3.14	9.56	0.519	0.417	0.806	12.17	3.138

* #####

* St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1

* File 1, Run 1, Scenario 86.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.00	3.05	3.13	3.07	7.50	0.410	0.330	0.637	9.71	3.010

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.00	3.05	3.13	3.07		0.410	0.330		9.706	
CO Total Exhaust:	3.00	3.05	3.13	3.07	7.50	0.410	0.330	0.637	9.71	3.010

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 26.0 Month: 01 1

* File 1, Run 1, Scenario 91.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.04	3.12	3.06	7.20	0.393	0.317	0.612	9.29	2.990

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.04	3.12	3.06		0.393	0.317		9.294	
CO Total Exhaust:	2.99	3.04	3.12	3.06	7.20	0.393	0.317	0.612	9.29	2.990

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 27.0 Month: 01 1

* File 1, Run 1, Scenario 92.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

```
M615 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2015 Speed: 28.0 Month: 01 1
* File 1, Run 1, Scenario 93.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 28.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 29.0 Month: 01 1
* File 1, Run 1, Scenario 94.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 29.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
```

2015FRED

all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.96	3.02	3.09	3.04	6.44	0.351	0.283	0.546	8.23	2.940

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.96	3.02	3.09	3.04		0.351	0.283		8.229	
CO Total Exhaust:	2.96	3.02	3.09	3.04	6.44	0.351	0.283	0.546	8.23	2.940

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 95.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.95	3.01	3.08	3.03	6.22	0.339	0.273	0.527	7.92	2.926

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.95	3.01	3.08	3.03		0.339	0.273		7.922	
CO Total Exhaust:	2.95	3.01	3.08	3.03	6.22	0.339	0.273	0.527	7.92	2.926

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 96.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
 Page 50

M581 Warning:
The user supplied freeway average speed of 31.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M615 Comment: User supplied VMT mix.

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.96	3.02	3.09	3.04	6.04	0.329	0.264	0.511	7.62	2.930

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.96	3.02	3.09	3.04		0.329	0.264		7.623	
CO Total Exhaust:	2.96	3.02	3.09	3.04	6.04	0.329	0.264	0.511	7.62	2.930

```
* #####
* St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1
* File 1, Run 1, Scenario 97.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
M581 Warning:
    The user supplied freeway average speed of 32.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.
```

M615 Comment: User supplied VMT mix.

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.496	7.34	2.934

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.03	3.10	3.05		0.319	0.257		7.343	
CO Total Exhaust:	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.496	7.34	2.934

Page 51

2015FRED

* St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1

* File 1, Run 1, Scenario 98.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.482	7.08	2.938

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.98	3.04	3.11	3.06		0.310	0.249		7.080	
CO Total Exhaust:	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.482	7.08	2.938

* #####

* St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1

* File 1, Run 1, Scenario 99.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 34.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.05	3.12	3.07	5.58	0.302	0.243	0.469	6.83	2.942

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.05	3.12	3.07		0.302	0.243		6.833	

CO Total Exhaust: 2.99 3.05 3.12 3.07 2015FRED 5.58 0.302 0.243 0.469 6.83 2.942

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1
* File 1, Run 1, Scenario 100.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 35.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.456	6.60	2.946

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.00	3.06	3.13	3.08		0.293	0.236		6.599	
CO Total Exhaust:	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.456	6.60	2.946

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1
* File 1, Run 1, Scenario 101.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.447	6.40	2.998

2015FRED

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.06	3.12	3.19	3.14		0.287	0.231		6.395	
CO Total Exhaust:	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.447	6.40	2.998

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1

* File 1, Run 1, Scenario 102.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 37.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.438	6.20	3.047

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.11	3.18	3.25	3.20		0.282	0.226		6.202	
CO Total Exhaust:	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.438	6.20	3.047

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1

* File 1, Run 1, Scenario 103.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 38.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

2015FRED

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.429	6.02	3.094
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.24	3.31	3.26		0.276	0.222		6.019	
CO Total Exhaust:	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.429	6.02	3.094

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 104.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.22	3.29	3.36	3.31	5.11	0.271	0.218	0.421	5.85	3.138
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.22	3.29	3.36	3.31		0.271	0.218		5.846	
CO Total Exhaust:	3.22	3.29	3.36	3.31	5.11	0.271	0.218	0.421	5.85	3.138

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 105.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	2015FRED HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.26	3.34	3.41	3.36	5.04	0.266	0.214	0.413	5.68	3.180
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.26	3.34	3.41	3.36		0.266	0.214		5.681	
CO Total Exhaust:	3.26	3.34	3.41	3.36	5.04	0.266	0.214	0.413	5.68	3.180

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 106.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.409	5.55	3.234
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.32	3.40	3.47	3.42		0.263	0.211		5.553	
CO Total Exhaust:	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.409	5.55	3.234

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 107.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

2015FRED
Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.404	5.43	3.285
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.38	3.46	3.53	3.48		0.260	0.209		5.432	
CO Total Exhaust:	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.404	5.43	3.285

* #####
* St & Cnty: 24021 MY: 2015 Speed: 43.0 Month: 01 1
* File 1, Run 1, Scenario 108.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 43.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.43	3.52	3.59	3.54	4.97	0.257	0.207	0.400	5.32	3.333
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.43	3.52	3.59	3.54		0.257	0.207		5.317	
CO Total Exhaust:	3.43	3.52	3.59	3.54	4.97	0.257	0.207	0.400	5.32	3.333

* #####
* St & Cnty: 24021 MY: 2015 Speed: 44.0 Month: 01 1
* File 1, Run 1, Scenario 109.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes

2015FRED

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.48	3.57	3.64	3.59	4.95	0.255	0.205	0.396	5.21	3.379
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.48	3.57	3.64	3.59		0.255	0.205		5.206	
CO Total Exhaust:	3.48	3.57	3.64	3.59	4.95	0.255	0.205	0.396	5.21	3.379

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 45.0 Month: 01 1
 * File 1, Run 1, Scenario 110.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.392	5.10	3.424
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.53	3.62	3.69	3.64		0.252	0.203		5.101	
CO Total Exhaust:	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.392	5.10	3.424

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 46.0 Month: 01 1
 * File 1, Run 1, Scenario 111.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 46.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi

2015FRED

Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.59	3.68	3.75	3.70	4.96	0.252	0.202	0.391	5.05	3.478
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.59	3.68	3.75	3.70		0.252	0.202		5.049	
CO Total Exhaust:	3.59	3.68	3.75	3.70	4.96	0.252	0.202	0.391	5.05	3.478

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 47.0 Month: 01 1
 * File 1, Run 1, Scenario 112.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.64	3.74	3.81	3.76	5.00	0.251	0.202	0.391	5.00	3.531
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.64	3.74	3.81	3.76		0.251	0.202		5.000	
CO Total Exhaust:	3.64	3.74	3.81	3.76	5.00	0.251	0.202	0.391	5.00	3.531

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 48.0 Month: 01 1
 * File 1, Run 1, Scenario 113.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 48.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low

2015FRED

Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.70	3.80	3.86	3.82	5.03	0.251	0.202	0.390	4.95	3.581
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.80	3.86	3.82		0.251	0.202		4.953	
CO Total Exhaust:	3.70	3.80	3.86	3.82	5.03	0.251	0.202	0.390	4.95	3.581

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 49.0 Month: 01 1
 * File 1, Run 1, Scenario 114.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 49.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.75	3.85	3.92	3.87	5.06	0.250	0.202	0.389	4.91	3.629
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.75	3.85	3.92	3.87		0.250	0.202		4.907	
CO Total Exhaust:	3.75	3.85	3.92	3.87	5.06	0.250	0.202	0.389	4.91	3.629

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 50.0 Month: 01 1
 * File 1, Run 1, Scenario 115.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

2015FRED
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.80	3.90	3.97	3.92	5.09	0.250	0.201	0.389	4.86	3.676
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.80	3.90	3.97	3.92		0.250	0.201		4.864	
CO Total Exhaust:	3.80	3.90	3.97	3.92	5.09	0.250	0.201	0.389	4.86	3.676

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 51.0 Month: 01 1
* File 1, Run 1, Scenario 116.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 51.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.96	4.03	3.98	5.19	0.252	0.203	0.392	4.86	3.732
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.96	4.03	3.98		0.252	0.203		4.864	
CO Total Exhaust:	3.85	3.96	4.03	3.98	5.19	0.252	0.203	0.392	4.86	3.732

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 52.0 Month: 01 1
* File 1, Run 1, Scenario 117.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 52.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:

2015FRED

there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.91	4.02	4.09	4.04	5.29	0.254	0.204	0.395	4.86	3.786
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.91	4.02	4.09	4.04		0.254	0.204		4.864	
CO Total Exhaust:	3.91	4.02	4.09	4.04	5.29	0.254	0.204	0.395	4.86	3.786

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 118.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.96	4.08	4.14	4.09	5.38	0.256	0.206	0.398	4.86	3.838
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.96	4.08	4.14	4.09		0.256	0.206		4.864	
CO Total Exhaust:	3.96	4.08	4.14	4.09	5.38	0.256	0.206	0.398	4.86	3.838

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 54.0 Month: 01 1
 * File 1, Run 1, Scenario 119.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

2015FRED
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.01	4.13	4.20	4.15	5.47	0.258	0.208	0.401	4.86	3.888
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.01	4.13	4.20	4.15		0.258	0.208		4.864	
CO Total Exhaust:	4.01	4.13	4.20	4.15	5.47	0.258	0.208	0.401	4.86	3.888

* #####
* St & Cnty: 24021 MY: 2015 Speed: 55.0 Month: 01 1
* File 1, Run 1, Scenario 120.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 55.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.06	4.18	4.25	4.20	5.56	0.260	0.209	0.404	4.86	3.936
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.06	4.18	4.25	4.20		0.260	0.209		4.864	
CO Total Exhaust:	4.06	4.18	4.25	4.20	5.56	0.260	0.209	0.404	4.86	3.936

* #####
* St & Cnty: 24021 MY: 2015 Speed: 56.0 Month: 01 1
* File 1, Run 1, Scenario 121.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 56.0
will be used for all hours of the day. 100% of VMT

has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.12	4.24	4.31	4.26	5.74	0.265	0.213	0.411	6.12	3.999
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.12	4.24	4.31	4.26		0.265	0.213		6.119	
CO Total Exhaust:	4.12	4.24	4.31	4.26	5.74	0.265	0.213	0.411	6.12	3.999

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 57.0 Month: 01 1

* File 1, Run 1, Scenario 122.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 57.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.17	4.30	4.37	4.32	5.91	0.269	0.217	0.419	7.33	4.061
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.17	4.30	4.37	4.32		0.269	0.217		7.330	
CO Total Exhaust:	4.17	4.30	4.37	4.32	5.91	0.269	0.217	0.419	7.33	4.061

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 58.0 Month: 01 1

* File 1, Run 1, Scenario 123.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp 2015FRED
 M581 Warning: SCENARIO10: 123 RoadType: Non-Ramp

The user supplied freeway average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.23	4.35	4.42	4.37	6.08	0.274	0.220	0.426	8.50	4.120
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.23	4.35	4.42	4.37		0.274	0.220		8.499	
CO Total Exhaust:	4.23	4.35	4.42	4.37	6.08	0.274	0.220	0.426	8.50	4.120

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 59.0 Month: 01 1
 * File 1, Run 1, Scenario 124.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO10: 124 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 59.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.28	4.41	4.48	4.43	6.25	0.278	0.224	0.432	9.63	4.177
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.28	4.41	4.48	4.43		0.278	0.224		9.628	
CO Total Exhaust:	4.28	4.41	4.48	4.43	6.25	0.278	0.224	0.432	9.63	4.177

2015FRED

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 60.0 Month: 01 1

* File 1, Run 1, Scenario 125.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 60.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.33	4.46	4.53	4.48	6.41	0.282	0.227	0.439	10.72	4.232
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.33	4.46	4.53	4.48		0.282	0.227		10.720	
CO Total Exhaust:	4.33	4.46	4.53	4.48	6.41	0.282	0.227	0.439	10.72	4.232

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 61.0 Month: 01 1

* File 1, Run 1, Scenario 126.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 61.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.39	4.52	4.59	4.54	6.71	0.291	0.234	0.452	11.97	4.298
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

CO Running:	4.39	4.52	4.59	4.54	2015FRED	0.291	0.234		11.969	
CO Total Exhaust:	4.39	4.52	4.59	4.54	6.71	0.291	0.234	0.452	11.97	4.298

* #####

* St & Cnty: 24021 MY: 2015 Speed: 62.0 Month: 01 1

* File 1, Run 1, Scenario 127.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 62.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.44	4.58	4.65	4.60	6.99	0.299	0.240	0.464	13.18	4.362

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.44	4.58	4.65	4.60		0.299	0.240		13.176	
CO Total Exhaust:	4.44	4.58	4.65	4.60	6.99	0.299	0.240	0.464	13.18	4.362

* #####

* St & Cnty: 24021 MY: 2015 Speed: 63.0 Month: 01 1

* File 1, Run 1, Scenario 128.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 63.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.49	4.63	4.70	4.65	7.27	0.306	0.246	0.476	14.35	4.424

2015FRED

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.49	4.63	4.70	4.65		0.306	0.246		14.346	
CO Total Exhaust:	4.49	4.63	4.70	4.65	7.27	0.306	0.246	0.476	14.35	4.424

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 64.0 Month: 01 1

* File 1, Run 1, Scenario 129.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 64.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----

VMT Distribution:	0.3457	0.4014	0.1629	-----	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.54	4.69	4.76	4.71	7.54	0.314	0.252	0.488	15.48	4.483

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.54	4.69	4.76	4.71		0.314	0.252		15.479	
CO Total Exhaust:	4.54	4.69	4.76	4.71	7.54	0.314	0.252	0.488	15.48	4.483

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 65.0 Month: 01 1

* File 1, Run 1, Scenario 130.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 65.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----

2015FRED									
VTM Distribution:	0.3457	0.4014	0.1629	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000

Composite Emission Factors (g/mi):									
Composite CO :	4.59	4.74	4.81	4.76	7.81	0.321	0.258	0.499	16.58

Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	4.59	4.74	4.81	4.76		0.321	0.258		16.577
CO Total Exhaust:	4.59	4.74	4.81	4.76	7.81	0.321	0.258	0.499	16.58

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 34.6 Month: 01 1
 * File 1, Run 1, Scenario 131.
 * #####
 * FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV4.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3457	0.4014	0.1629	0.0203	0.0018	0.0003	0.0630	0.0046	1.0000	

Composite Emission Factors (g/mi):										
Composite CO :	5.83	5.60	5.66	5.62	5.49	0.296	0.238	0.461	6.62	5.358

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.83	5.60	5.66	5.62		0.296	0.238		6.622	
CO Total Exhaust:	5.83	5.60	5.66	5.62	5.49	0.296	0.238	0.461	6.62	5.358

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 132.
 * #####
 * FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKCOLD.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2015FRED

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	14.52	13.16	12.24	12.89	14.82	1.283	1.274	1.217	30.93	12.817
Exhaust emissions (g/mi):										
CO Start:	11.58	10.14	9.11	9.84		0.500	0.644		11.993	
CO Running:	2.94	3.02	3.13	3.05		0.783	0.630		18.935	
CO Total Exhaust:	14.52	13.16	12.24	12.89	14.82	1.283	1.274	1.217	30.93	12.817

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 133.
 * # # # # #
 *FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKHOT.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3457	0.4014	0.1629		0.0203	0.0018	0.0003	0.0630	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.34	4.29	4.29	4.29	14.82	0.950	0.845	1.217	21.00	4.400
Exhaust emissions (g/mi):										
CO Start:	1.41	1.27	1.16	1.24		0.167	0.216		2.065	
CO Running:	2.94	3.02	3.13	3.05		0.783	0.630		18.935	
CO Total Exhaust:	4.34	4.29	4.29	4.29	14.82	0.950	0.845	1.217	21.00	4.400

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 134.
 * # # # # #
 *FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

2015FRED

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.94	3.02	3.13	3.05	14.83	0.783	0.630	1.213	18.93	3.108

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.94	3.02	3.13	3.05		0.783	0.630		18.935	
CO Total Exhaust:	2.94	3.02	3.13	3.05	14.83	0.783	0.630	1.213	18.93	3.108

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 135.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
 M 52 Warning:
 1.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	12.98	12.51	12.82	12.60	34.46	1.690	1.360	2.618	90.10	13.055

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097	
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.46	1.690	1.360	2.618	90.10	13.055

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 136.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
 M 52 Warning:
 2.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2015FRED

Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	12.98	12.51	12.82	12.60	34.46	1.690	1.360	2.618	90.10	13.055

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	12.98	12.51	12.82	12.60		1.690	1.360		90.097	
CO Total Exhaust:	12.98	12.51	12.82	12.60	34.46	1.690	1.360	2.618	90.10	13.055

* #####
* St & Cnty: 24021 MY: 2015 Speed: 3.00 Month: 01 1
* File 1, Run 1, Scenario 137.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 3.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	11.03	10.70	10.96	10.78	32.15	1.587	1.276	2.457	77.37	11.157

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	11.03	10.70	10.96	10.78		1.587	1.276		77.366	
CO Total Exhaust:	11.03	10.70	10.96	10.78	32.15	1.587	1.276	2.457	77.37	11.157

* #####
* St & Cnty: 24021 MY: 2015 Speed: 4.00 Month: 01 1
* File 1, Run 1, Scenario 138.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.

2015FRED

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.60	8.44	8.64	8.50	29.26	1.458	1.172	2.257	61.45	8.785

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	8.60	8.44	8.64	8.50		1.458	1.172		61.451	
CO Total Exhaust:	8.60	8.44	8.64	8.50	29.26	1.458	1.172	2.257	61.45	8.785

* #####

* St & Cnty: 24021 MY: 2015 Speed: 5.00 Month: 01 1

* File 1, Run 1, Scenario 139.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	7.14	7.08	7.25	7.13	27.53	1.380	1.110	2.137	51.90	7.362

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	7.14	7.08	7.25	7.13		1.380	1.110		51.902	
CO Total Exhaust:	7.14	7.08	7.25	7.13	27.53	1.380	1.110	2.137	51.90	7.362

* #####

* St & Cnty: 24021 MY: 2015 Speed: 6.00 Month: 01 1

* File 1, Run 1, Scenario 140.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

2015FRED

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.24	6.22	6.37	6.26	24.46	1.237	0.995	1.916	42.91	6.444
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	6.24	6.22	6.37	6.26		1.237	0.995		42.913	
CO Total Exhaust:	6.24	6.22	6.37	6.26	24.46	1.237	0.995	1.916	42.91	6.444

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 141.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.60	5.60	5.74	5.64	22.27	1.135	0.913	1.758	36.49	5.787
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	5.60	5.60	5.74	5.64		1.135	0.913		36.492	
CO Total Exhaust:	5.60	5.60	5.74	5.64	22.27	1.135	0.913	1.758	36.49	5.787

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 142.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.12	5.14	5.26	5.18	20.62	1.059	0.851	1.639	31.68	5.295
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	5.12	5.14	5.26	5.18		1.059	0.851		31.677	
CO Total Exhaust:	5.12	5.14	5.26	5.18	20.62	1.059	0.851	1.639	31.68	5.295

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 9.00 Month: 01 1
* File 1, Run 1, Scenario 143.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 9.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.74	4.78	4.90	4.82	19.34	0.999	0.804	1.547	27.93	4.912
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	4.74	4.78	4.90	4.82		0.999	0.804		27.931	
CO Total Exhaust:	4.74	4.78	4.90	4.82	19.34	0.999	0.804	1.547	27.93	4.912

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 10.0 Month: 01 1
* File 1, Run 1, Scenario 144.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.44	4.50	4.60	4.53	18.32	0.951	0.765	1.473	24.93	4.606

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	4.44	4.50	4.60	4.53		0.951	0.765		24.935	
CO Total Exhaust:	4.44	4.50	4.60	4.53	18.32	0.951	0.765	1.473	24.93	4.606

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 11.0 Month: 01 1

* File 1, Run 1, Scenario 145.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.23	4.28	4.38	4.31	16.83	0.879	0.707	1.361	22.55	4.373

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	4.23	4.28	4.38	4.31		0.879	0.707		22.551	
CO Total Exhaust:	4.23	4.28	4.38	4.31	16.83	0.879	0.707	1.361	22.55	4.373

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 12.0 Month: 01 1

* File 1, Run 1, Scenario 146.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 12.0

2015FRED

will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.04	4.10	4.19	4.12	15.60	0.819	0.659	1.268	20.57	4.179

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	4.04	4.10	4.19	4.12		0.819	0.659		20.565	
CO Total Exhaust:	4.04	4.10	4.19	4.12	15.60	0.819	0.659	1.268	20.57	4.179

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 13.0 Month: 01 1

* File 1, Run 1, Scenario 147.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.89	3.94	4.04	3.97	14.55	0.768	0.618	1.189	18.88	4.015

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.89	3.94	4.04	3.97		0.768	0.618		18.885	
CO Total Exhaust:	3.89	3.94	4.04	3.97	14.55	0.768	0.618	1.189	18.88	4.015

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 14.0 Month: 01 1

* File 1, Run 1, Scenario 148.

2015FRED

CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.46	3.51	3.59	3.53		0.608	0.489		14.302	
CO Total Exhaust:	3.46	3.51	3.59	3.53	11.32	0.608	0.489	0.941	14.30	3.551

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 18.0 Month: 01 1
 * File 1, Run 1, Scenario 152.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 152 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.38	3.43	3.51	3.46	10.67	0.575	0.462	0.890	13.51	3.467

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.38	3.43	3.51	3.46		0.575	0.462		13.513	
CO Total Exhaust:	3.38	3.43	3.51	3.46	10.67	0.575	0.462	0.890	13.51	3.467

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 153.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 153 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):

	Composite CO	3.31	3.36	3.44	3.39	2015FRED 10.09	0.545	0.438	0.844	12.81	3.392
Exhaust emissions (g/mi):											
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000			0.000	
CO Running:	3.31	3.36	3.44	3.39		0.545	0.438			12.807	
CO Total Exhaust:	3.31	3.36	3.44	3.39	10.09	0.545	0.438	0.844		12.81	3.392

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 154.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):	Composite CO	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.803	12.17	3.324
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000			0.000	
CO Running:	3.25	3.30	3.38	3.32		0.519	0.417			12.172	
CO Total Exhaust:	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.803		12.17	3.324

	Composite CO	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.803	12.17	3.324
Exhaust emissions (g/mi):											
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000			0.000	
CO Running:	3.25	3.30	3.38	3.32		0.519	0.417			12.172	
CO Total Exhaust:	3.25	3.30	3.38	3.32	9.56	0.519	0.417	0.803		12.17	3.324

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 155.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										

2015FRED

VTM Distribution:	0.3702	0.4300	0.1743	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	3.19	3.25	3.32	3.27	9.07	0.493	0.396	0.763	11.58
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000
CO Running:	3.19	3.25	3.32	3.27		0.493	0.396		11.585
CO Total Exhaust:	3.19	3.25	3.32	3.27	9.07	0.493	0.396	0.763	11.58

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 22.0 Month: 01 1
 * File 1, Run 1, Scenario 156.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3702	0.4300	0.1743	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.20	3.27	3.22	8.63	0.469	0.377	0.726	11.05	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.15	3.20	3.27	3.22		0.469	0.377		11.051	
CO Total Exhaust:	3.15	3.20	3.27	3.22	8.63	0.469	0.377	0.726	11.05	

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 23.0 Month: 01 1
 * File 1, Run 1, Scenario 157.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 23.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Page 82

2015FRED
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.10	3.15	3.23	3.18	8.22	0.448	0.360	0.693	10.56	3.166

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.10	3.15	3.23	3.18		0.448	0.360		10.564	
CO Total Exhaust:	3.10	3.15	3.23	3.18	8.22	0.448	0.360	0.693	10.56	3.166

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 24.0 Month: 01 1
 * File 1, Run 1, Scenario 158.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.06	3.11	3.19	3.13	7.85	0.428	0.344	0.663	10.12	3.122

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.06	3.11	3.19	3.13		0.428	0.344		10.117	
CO Total Exhaust:	3.06	3.11	3.19	3.13	7.85	0.428	0.344	0.663	10.12	3.122

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 159.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes

2015FRED

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.02	3.08	3.15	3.10	7.50	0.410	0.330	0.635	9.71	3.082
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.02	3.08	3.15	3.10		0.410	0.330		9.706	
CO Total Exhaust:	3.02	3.08	3.15	3.10	7.50	0.410	0.330	0.635	9.71	3.082

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 160.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.01	3.06	3.13	3.08	7.21	0.393	0.316	0.609	9.29	3.063
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.01	3.06	3.13	3.08		0.393	0.316		9.294	
CO Total Exhaust:	3.01	3.06	3.13	3.08	7.21	0.393	0.316	0.609	9.29	3.063

* #####
 * St & Cnty: 24021 MY: 2015 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 161.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015FRED

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.05	3.12	3.07	6.93	0.378	0.304	0.586	8.91	3.046
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.99	3.05	3.12	3.07		0.378	0.304		8.913	
CO Total Exhaust:	2.99	3.05	3.12	3.07	6.93	0.378	0.304	0.586	8.91	3.046

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 162.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.98	3.03	3.11	3.06	6.68	0.364	0.293	0.564	8.56	3.030
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.98	3.03	3.11	3.06		0.364	0.293		8.559	
CO Total Exhaust:	2.98	3.03	3.11	3.06	6.68	0.364	0.293	0.564	8.56	3.030

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 163.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)

2015FRED

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.09	3.04	6.44	0.351	0.282	0.544	8.23	3.015
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.97	3.02	3.09	3.04		0.351	0.282		8.229	
CO Total Exhaust:	2.97	3.02	3.09	3.04	6.44	0.351	0.282	0.544	8.23	3.015

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 30.0 Month: 01 1

* File 1, Run 1, Scenario 164.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.96	3.01	3.08	3.03	6.22	0.339	0.273	0.525	7.92	3.001
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.96	3.01	3.08	3.03		0.339	0.273		7.922	
CO Total Exhaust:	2.96	3.01	3.08	3.03	6.22	0.339	0.273	0.525	7.92	3.001

* # # # # #

* St & Cnty: 24021 MY: 2015 Speed: 31.0 Month: 01 1

* File 1, Run 1, Scenario 165.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

2015FRED

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.09	3.04	6.05	0.329	0.264	0.509	7.62	3.009
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.97	3.02	3.09	3.04		0.329	0.264		7.623	
CO Total Exhaust:	2.97	3.02	3.09	3.04	6.05	0.329	0.264	0.509	7.62	3.009

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 166.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3702	0.4300	0.1743	-----	0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.494	7.34	3.016
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.97	3.03	3.10	3.05		0.319	0.257		7.343	
CO Total Exhaust:	2.97	3.03	3.10	3.05	5.88	0.319	0.257	0.494	7.34	3.016

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 167.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.480	7.08	3.023
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.98	3.04	3.11	3.06		0.310	0.249		7.080	
CO Total Exhaust:	2.98	3.04	3.11	3.06	5.73	0.310	0.249	0.480	7.08	3.023

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 168.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.05	3.12	3.07	5.58	0.302	0.242	0.467	6.83	3.030
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	2.99	3.05	3.12	3.07		0.302	0.242		6.833	
CO Total Exhaust:	2.99	3.05	3.12	3.07	5.58	0.302	0.242	0.467	6.83	3.030

* # # # # #
 * St & Cnty: 24021 MY: 2015 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 169.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.454	6.60	3.036
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.00	3.06	3.13	3.08		0.293	0.236		6.599	
CO Total Exhaust:	3.00	3.06	3.13	3.08	5.45	0.293	0.236	0.454	6.60	3.036

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 36.0 Month: 01 1
* File 1, Run 1, Scenario 170.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.445	6.40	3.094
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.06	3.12	3.19	3.14		0.287	0.231		6.395	
CO Total Exhaust:	3.06	3.12	3.19	3.14	5.36	0.287	0.231	0.445	6.40	3.094

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 37.0 Month: 01 1
* File 1, Run 1, Scenario 171.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 37.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

2015FRED

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.436	6.20	3.148
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.11	3.18	3.25	3.20		0.282	0.226		6.202	
CO Total Exhaust:	3.11	3.18	3.25	3.20	5.27	0.282	0.226	0.436	6.20	3.148

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 38.0 Month: 01 1
* File 1, Run 1, Scenario 172.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 38.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.427	6.02	3.200
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.17	3.24	3.31	3.26		0.276	0.222		6.019	
CO Total Exhaust:	3.17	3.24	3.31	3.26	5.19	0.276	0.222	0.427	6.02	3.200

* # # # # #
* St & Cnty: 24021 MY: 2015 Speed: 39.0 Month: 01 1
* File 1, Run 1, Scenario 173.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 39.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

H015 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```

* #####
* St & Cnty: 24021 MY: 2015 Speed: 40.0 Month: 01 1
* File 1, Run 1, Scenario 174.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 40.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```

M415 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2015 Speed: 41.0 Month: 01 1
```

2015FRED

* File 1, Run 1, Scenario 175.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.407	5.55	3.354
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.32	3.40	3.47	3.42		0.263	0.211		5.553	
CO Total Exhaust:	3.32	3.40	3.47	3.42	5.02	0.263	0.211	0.407	5.55	3.354

* #####

* St & Cnty: 24021 MY: 2015 Speed: 42.0 Month: 01 1

* File 1, Run 1, Scenario 176.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 42.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.403	5.43	3.409
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.38	3.46	3.53	3.48		0.260	0.209		5.432	
CO Total Exhaust:	3.38	3.46	3.53	3.48	4.99	0.260	0.209	0.403	5.43	3.409

```

* #####
* St & Cnty: 24021 MY: 2015 Speed: 43.0 Month: 01 1
* File 1, Run 1, Scenario 177.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 43.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
-----
VMT Distribution: 0.3702 0.4300 0.1743 0.0044 0.0020 0.0003 0.0138 0.0049 1.0000
-----
Composite Emission Factors (g/mi):
Composite CO : 3.43 3.52 3.59 3.54 4.97 0.257 0.207 0.398 5.32 3.462
-----
Exhaust emissions (g/mi):
CO Start: 0.00 0.00 0.00 1.24 0.000 0.000 0.000
CO Running: 3.43 3.52 3.59 3.54 0.257 0.207 0.398 5.317
CO Total Exhaust: 3.43 3.52 3.59 3.54 4.97 0.257 0.207 0.398 5.32 3.462
-----

* #####
* St & Cnty: 24021 MY: 2015 Speed: 44.0 Month: 01 1
* File 1, Run 1, Scenario 178.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
-----
VMT Distribution: 0.3702 0.4300 0.1743 0.0044 0.0020 0.0003 0.0138 0.0049 1.0000
-----
Composite Emission Factors (g/mi):
Composite CO : 3.48 3.57 3.64 3.59 4.95 0.255 0.205 0.394 5.21 3.512
-----
Exhaust emissions (g/mi):

```

2015FRED

CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.48	3.57	3.64	3.59		0.255	0.205		5.206	
CO Total Exhaust:	3.48	3.57	3.64	3.59	4.95	0.255	0.205	0.394	5.21	3.512

* #####

* St & Cnty: 24021 MY: 2015 Speed: 45.0 Month: 01 1

* File 1, Run 1, Scenario 179.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 179 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3702	0.4300	0.1743		0.0044	0.0020	0.0003	0.0138	0.0049	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.390	5.10	3.560

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.24		0.000	0.000		0.000	
CO Running:	3.53	3.62	3.69	3.64		0.252	0.203		5.101	
CO Total Exhaust:	3.53	3.62	3.69	3.64	4.93	0.252	0.203	0.390	5.10	3.560


```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Frederick 2030

REPORT FILE      : e:\aqprog\Mobile62\06fred\co\2030fred.out REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\Mobile62\06fred\co\2030fred.TB1 REPLACE
SPREADSHEET      : e:\aqprog\Mobile62\06fred\co\2030fred.TAB REPLACE
AGGREGATED OUTPUT :

RUN DATA        :
>COMMENTS
>24 021

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE :
EXPAND EXHAUST    :

NO REFUELING      :
REBUILD EFFECTS   : 0.90
WE DA TRI LEN DI  : e:\aqprog\mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP       : e:\aqprog\mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM      : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - \EXT_DATA\RTD\R05_FRED.RDT
REG DIST         : e:\aqprog\mobile62\06mdcom\Ext_Data\RTD\R05_FRED.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02.ATP
ANTI-TAMP PROG   :
** Applicable for counties: Calvert, Charles, Fredrick, & Washington
95 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_2020.IM
>IM Program. Idle, IM240, and OBD.
>Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

*Idle older LDGV, LDGT
I/M PROGRAM      : 1 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 1 1977 1983
I/M VEHICLES     : 1 22222 11111111 1
I/M STRINGENCY   : 1 20.0
I/M COMPLIANCE   : 1 96.0
I/M WAIVER RATES : 1 13.8 13.8
I/M GRACE PERIOD : 1 2

*Idle HDGT
I/M PROGRAM      : 2 1995 2050 2 T/O Idle
I/M MODEL YEARS  : 2 1977 2050
I/M VEHICLES     : 2 11111 22222111 1
I/M STRINGENCY   : 2 20.0
I/M COMPLIANCE   : 2 96.0
I/M WAIVER RATES : 2 13.8 13.8
I/M GRACE PERIOD : 2 2

*IM240
I/M PROGRAM      : 3 1995 2050 2 T/O IM240
I/M MODEL YEARS  : 3 1984 1995
I/M VEHICLES     : 3 22222 11111111 1
I/M STRINGENCY   : 3 20.0
I/M COMPLIANCE   : 3 96.0
I/M WAIVER RATES : 3 13.8 13.8
I/M CUTPOINTS    : 3 IM_ATP\MD.C20
I/M GRACE PERIOD : 3 2

*OBD
I/M PROGRAM      : 4 1995 2050 2 T/O OBD I/M
I/M MODEL YEARS  : 4 1996 2050
I/M VEHICLES     : 4 22222 11111111 1
I/M STRINGENCY   : 4 20.0
I/M COMPLIANCE   : 4 96.0
I/M WAIVER RATES : 4 5.4 5.4
I/M GRACE PERIOD : 4 2

*OBD Evap (Actual Start Year: July 2002)
I/M PROGRAM      : 5 2002 2050 2 T/O EVAP OBD
I/M MODEL YEARS  : 5 1996 2050
I/M VEHICLES     : 5 22222 11111111 1
I/M COMPLIANCE   : 5 96.0
I/M WAIVER RATES : 5 5.4 5.4
I/M GRACE PERIOD : 5 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D30_FRED
DIESEL FRACTIONS :
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

```

[illegible]

```

SCENARIO RECORD      : St & Cnty: 24021   MY: 2030   Speed: 1.00   Month: 01 1
>VF FILE: .FV       : OPMODE: Stable     FACILITY: Arterial   SCENARIO: 1   RoadType: Arterial
CALENDAR YEAR       : 2030
EVALUATION MONTH    : 1
ALTITUDE            : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 1.00 Arterial
SOAK DISTRIBUTION   : e:\aaprog\mobile62\06mdcom\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

```

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
Page 2

```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 6.00 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 7.00  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 7  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 7.00 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 8.00  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 8  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 8.00 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 9.00  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 9  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 9.00 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 10.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 10  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 10.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 11.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 11  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 11.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 12.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 12  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 12.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 13.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 13  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 13.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM

```

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 14.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 14   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 14.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 15.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 15   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 15.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 16.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 16   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 16.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 17.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 17   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 17.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 18.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 18   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 18.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 19.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 19   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 19.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 20.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 20   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 20.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 21.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Arterial   SCENARIO: 21   RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1

```

```

ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 21.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027

```

2030fred

0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 29.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 29.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 30.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 30.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 31.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 32.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0

AVERAGE SPEED : 36.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 39.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 40.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 41.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 41.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 42.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 43.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 44.0 2030fred Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 44.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 45.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 45.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 46.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 46.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 47.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 47.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 48.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 48.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 49.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 49.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 50.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 50.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 51.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 51.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK


```

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 52.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 53.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 54.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 55.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 56.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 57.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 58.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 59.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial

```

```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 59.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 60.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 60  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 60.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 61.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 61  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 61.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 62.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 62  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 62.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 63.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 63  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 63.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 64.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 64  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 64.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 65.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Arterial  SCENARIO: 65  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 65.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 1.00  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 66  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 1.00 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM

```

2030fred

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 2.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 67   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 2.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 3.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 68   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 3.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 4.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 69   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 4.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 5.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 70   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 5.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 6.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 71   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 6.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 7.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 72   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 7.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 8.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 73   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 8.00 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 9.00   Month: 01 1
>FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp   SCENARIO: 74   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
```

```

ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 9.00 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027

```

2030fred

0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 18.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 18.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 19.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 19.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 20.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 20.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 21.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 21.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 22.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 22.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 24.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0

2030fred

```
AVERAGE SPEED      : 24.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 25.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 25.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 26.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 27.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 28.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 29.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 29.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 30.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 30.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 31.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042
```

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 32.0 2030fred Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 36.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
 VMT FRACTIONS :
 0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
 0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 39.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Non-Ramp
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 46.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS
:
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 47.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp

```



```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 47.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 48.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 113  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 48.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 49.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 114  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 49.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 50.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 115  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 50.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 51.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 116  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 51.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 52.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 117  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 52.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 53.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 118  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 53.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
  VMT FRACTIONS
  :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021  MY: 2030  Speed: 54.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 119  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 54.0 Non-Ramp
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM

```

2030fred

```

VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 55.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 120   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 55.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 56.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 121   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 56.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 57.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 122   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 57.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 58.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 123   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 58.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 59.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 124   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 59.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 60.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 125   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 60.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 61.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 126   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 61.0 Non-Ramp
SOAK DISTRIBUTION  : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS      :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD    : St & Cnty: 24021   MY: 2030   Speed: 62.0   Month: 01 1
>FV FILE: .FV      : OPMODE: Stable   FACILITY: Non-Ramp   SCENARIO: 127   RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
```

```

ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 62.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 64.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 65.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Non-Ramp
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 34.6 Month: 01 1
>FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : Ext_Data\Vmt_Fac\FV4.FV
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_FRED.VM
VMT FRACTIONS :
0.2687 0.0955 0.3543 0.1221 0.0602 0.0309 0.0031 0.0027
0.0029 0.0084 0.0065 0.0084 0.0321 0.0000 0.0000 0.0042

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006

```

2030fred

0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 1.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 1.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 2.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 2.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 3.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 3.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 4.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 4.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 5.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 5.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 6.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 6.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 7.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 7.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 8.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0

AVERAGE SPEED : 8.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 9.00 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 10.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 10.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 14.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 14.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 15.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 15.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 16.0 2030fred Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 16.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 18.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 18.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 19.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 19.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 20.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 20.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 21.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 21.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 22.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 22.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
 VMT FRACTIONS :
 0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
 0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

 SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Arterial
 SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*       VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS
:
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc

```

```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 31.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 32.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 32.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 33.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 33.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 34.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 34.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 35.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 36.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 36.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 37.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 37.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 38.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 38.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM

```


2030fred

```

VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 39.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 39.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 40.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 41.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 41.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 42.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 43.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 44.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 44.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24021 MY: 2030 Speed: 45.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 45.0 Arterial
SOAK DISTRIBUTION   : mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_FRED.VM
VMT FRACTIONS      :
0.2908 0.1033 0.3834 0.1321 0.0651 0.0067 0.0007 0.0006
0.0006 0.0018 0.0014 0.0018 0.0071 0.0000 0.0000 0.0046
```

END OF RUN :

2030FRED
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.762	1.440	1.399	1.428	2.415	0.097	0.142	0.704	8.62	1.513
Composite CO :	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
Composite NOX :	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.845	0.85	0.306
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.214	0.309	0.373	0.327		0.097	0.142		8.332	
VOC Total Exhaust:	0.214	0.309	0.373	0.327	0.536	0.097	0.142	0.704	8.33	0.362
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.38	11.25	11.30	11.26		1.607	0.790		90.097	
CO Total Exhaust:	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.167	0.275	0.382	0.306		0.044	0.095		0.848	
NOx Total Exhaust:	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.845	0.85	0.306
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	1.498	1.092	0.992	1.063	1.822	0.000	0.000	0.000	0.000	1.111
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.549	1.132	1.026	1.109	1.879	0.000	0.000	0.000	0.291	1.151

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 2.

* # # # # #
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
 M 52 Warning:
 2.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.762	1.440	1.399	1.428	2.415	0.097	0.142	0.704	8.62	1.513
Composite CO :	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
Composite NOX :	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.845	0.85	0.306
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.214	0.309	0.373	0.327		0.097	0.142		8.332	
VOC Total Exhaust:	0.214	0.309	0.373	0.327	0.536	0.097	0.142	0.704	8.33	0.362
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.38	11.25	11.30	11.26		1.607	0.790		90.097	
CO Total Exhaust:	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.167	0.275	0.382	0.306		0.044	0.095		0.848	

NOx Total Exhaust:	0.167	0.275	0.382	0.306	2030FRED 0.131	0.044	0.095	0.845	0.85	0.306

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	1.498	1.092	0.992	1.063	1.822	0.000	0.000	0.000	0.000	1.111
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.549	1.132	1.026	1.109	1.879	0.000	0.000	0.000	0.291	1.151

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 3.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	1.380	1.134	1.109	1.127	1.942	0.093	0.136	0.676	7.58	1.204
Composite CO :	9.68	9.62	9.67	9.63	30.14	1.509	0.742	0.935	77.37	9.727
Composite NOx :	0.160	0.264	0.366	0.293	0.132	0.042	0.092	0.817	0.82	0.294

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.187	0.269	0.325	0.285		0.093	0.136		7.285	
VOC Total Exhaust:	0.187	0.269	0.325	0.285	0.500	0.093	0.136	0.676	7.28	0.321
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.68	9.62	9.67	9.63		1.509	0.742		77.366	
CO Total Exhaust:	9.68	9.62	9.67	9.63	30.14	1.509	0.742	0.935	77.37	9.727
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.160	0.264	0.366	0.293		0.042	0.092		0.819	
NOx Total Exhaust:	0.160	0.264	0.366	0.293	0.132	0.042	0.092	0.817	0.82	0.294

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	1.142	0.826	0.751	0.804	1.385	0.000	0.000	0.000	0.000	0.843
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.193	0.865	0.785	0.849	1.442	0.000	0.000	0.000	0.291	0.883

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 4.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	
Composite Emission Factors (g/mi):										
Composite VOC :	0.902	0.751	0.747	0.750	1.350	0.089	0.129	0.640	6.27	0.818
Composite CO :	7.56	7.59	7.63	7.60	27.44	1.386	0.681	0.859	61.45	7.743
Composite NOX :	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.781	0.78	0.279
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.154	0.219	0.264	0.232		0.089	0.129		5.976	
VOC Total Exhaust:	0.154	0.219	0.264	0.232	0.454	0.089	0.129	0.640	5.98	0.269
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.56	7.59	7.63	7.60		1.386	0.681		61.451	
CO Total Exhaust:	7.56	7.59	7.63	7.60	27.44	1.386	0.681	0.859	61.45	7.743
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.152	0.249	0.346	0.277		0.040	0.088		0.783	
NOx Total Exhaust:	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.781	0.78	0.279
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.697	0.493	0.450	0.481	0.839	0.000	0.000	0.000	0.000	0.508
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.748	0.533	0.483	0.522	0.896	0.000	0.000	0.000	0.291	0.548

* #####

* St & Cnty: 24021 MY: 2030 Speed: 5.00 Month: 01 1

* File 1, Run 1, Scenario 5.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2030FRED
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.615	0.522	0.530	0.524	0.995	0.086	0.125	0.619	5.48	0.586
Composite CO :	6.28	6.37	6.40	6.38	25.81	1.312	0.645	0.813	51.90	6.552
Composite NOX :	0.147	0.241	0.334	0.268	0.135	0.039	0.085	0.760	0.76	0.270
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.134	0.189	0.228	0.200		0.086	0.125		5.191	
VOC Total Exhaust:	0.134	0.189	0.228	0.200	0.427	0.086	0.125	0.619	5.19	0.239
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.28	6.37	6.40	6.38		1.312	0.645		51.902	
CO Total Exhaust:	6.28	6.37	6.40	6.38	25.81	1.312	0.645	0.813	51.90	6.552
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.147	0.241	0.334	0.268		0.039	0.085		0.762	
NOx Total Exhaust:	0.147	0.241	0.334	0.268	0.135	0.039	0.085	0.760	0.76	0.270
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.430	0.294	0.269	0.286	0.511	0.000	0.000	0.000	0.000	0.307
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.482	0.333	0.302	0.327	0.568	0.000	0.000	0.000	0.291	0.347

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 6.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.513	0.437	0.445	0.439	0.844	0.079	0.116	0.575	4.69	0.495
Composite CO :	5.49	5.60	5.62	5.61	22.93	1.176	0.578	0.729	42.91	5.744
Composite NOX :	0.136	0.224	0.311	0.249	0.137	0.037	0.081	0.717	0.74	0.252
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.116	0.164	0.198	0.174		0.079	0.116		4.397	
VOC Total Exhaust:	0.116	0.164	0.198	0.174	0.378	0.079	0.116	0.575	4.40	0.210
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.49	5.60	5.62	5.61		1.176	0.578		42.913	
CO Total Exhaust:	5.49	5.60	5.62	5.61	22.93	1.176	0.578	0.729	42.91	5.744
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.136	0.224	0.311	0.249		0.037	0.081		0.737	
NOx Total Exhaust:	0.136	0.224	0.311	0.249	0.137	0.037	0.081	0.717	0.74	0.252

2030FRED

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.346	0.233	0.214	0.227	0.409	0.000	0.000	0.000	0.000	0.245
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.397	0.273	0.247	0.267	0.466	0.000	0.000	0.000	0.291	0.285

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 7.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.441	0.376	0.384	0.378	0.736	0.075	0.109	0.543	4.12	0.430
Composite CO :	4.92	5.04	5.07	5.05	20.88	1.079	0.531	0.669	36.49	5.166
Composite NOX :	0.129	0.212	0.295	0.236	0.139	0.035	0.077	0.686	0.72	0.240

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.104	0.146	0.177	0.155		0.075	0.109		3.829	
VOC Total Exhaust:	0.104	0.146	0.177	0.155	0.343	0.075	0.109	0.543	3.83	0.189
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.92	5.04	5.07	5.05		1.079	0.531		36.492	
CO Total Exhaust:	4.92	5.04	5.07	5.05	20.88	1.079	0.531	0.669	36.49	5.166
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.129	0.212	0.295	0.236		0.035	0.077		0.720	
NOx Total Exhaust:	0.129	0.212	0.295	0.236	0.139	0.035	0.077	0.686	0.72	0.240

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.285	0.190	0.174	0.185	0.336	0.000	0.000	0.000	0.000	0.201
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.336	0.229	0.208	0.225	0.393	0.000	0.000	0.000	0.291	0.241

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 8.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7

```
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.386	0.330	0.339	0.333	0.655	0.072	0.105	0.519	3.70	0.381
Composite CO :	4.50	4.63	4.65	4.64	19.33	1.097	0.495	0.624	31.68	4.733
Composite NOX :	0.124	0.203	0.283	0.226	0.140	0.034	0.075	0.663	0.71	0.230
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.095	0.133	0.161	0.141		0.072	0.105		3.404	
VOC Total Exhaust:	0.095	0.133	0.161	0.141	0.317	0.072	0.105	0.519	3.40	0.174
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.50	4.63	4.65	4.64		1.097	0.495		31.677	
CO Total Exhaust:	4.50	4.63	4.65	4.64	19.33	1.097	0.495	0.624	31.68	4.733
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.124	0.203	0.283	0.226		0.034	0.075		0.707	
NOx Total Exhaust:	0.124	0.203	0.283	0.226	0.140	0.034	0.075	0.663	0.71	0.230
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.025	0.008
Running Loss:	0.240	0.157	0.145	0.154	0.281	0.000	0.000	0.000	0.000	0.167
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.291	0.197	0.178	0.193	0.338	0.000	0.000	0.000	0.291	0.207

* #

* St & Cnty: 24021 MY: 2030 Speed: 9.00 Month: 01 1

* File 1, Run 1, Scenario 9.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO0: 9      RoadType:  Arterial
```

M583 Warning: The user supplied arterial average speed of 9.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```
data file: E:\MQR003\MOBILE02\COND0
M615 Comment:
        User supplied VMT mix.
```

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035

2030FRED

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.344	0.295	0.304	0.297	0.592	0.069	0.101	0.501	3.36	0.343
Composite CO :	4.17	4.31	4.33	4.31	18.13	0.950	0.467	0.589	27.93	4.396
Composite NOX :	0.119	0.196	0.273	0.218	0.141	0.033	0.072	0.645	0.70	0.223
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.088	0.123	0.148	0.130		0.069	0.101		3.073	
VOC Total Exhaust:	0.088	0.123	0.148	0.130	0.296	0.069	0.101	0.501	3.07	0.162
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.17	4.31	4.33	4.31		0.950	0.467		27.931	
CO Total Exhaust:	4.17	4.31	4.33	4.31	18.13	0.950	0.467	0.589	27.93	4.396
NOX Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOX Running:	0.119	0.196	0.273	0.218		0.033	0.072		0.696	
NOX Total Exhaust:	0.119	0.196	0.273	0.218	0.141	0.033	0.072	0.645	0.70	0.223
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.205	0.132	0.122	0.129	0.238	0.000	0.000	0.000	0.000	0.141
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.256	0.172	0.155	0.168	0.296	0.000	0.000	0.000	0.291	0.181

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 10.0 Month: 01 1
* File 1, Run 1, Scenario 10.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\0PMODE\SOAKZERO.SK
M615 Comment:
M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2030
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.310	0.266	0.275	0.269	0.541	0.067	0.098	0.486	3.10	0.313
Composite CO :	3.91	4.05	4.07	4.05	17.17	0.905	0.445	0.561	24.93	4.127
Composite NOx :	0.116	0.191	0.265	0.212	0.142	0.033	0.071	0.630	0.69	0.217
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.082	0.115	0.138	0.122		0.067	0.098		2.808	
VOC Total Exhaust:	0.082	0.115	0.138	0.122	0.280	0.067	0.098	0.486	2.81	0.152
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.91	4.05	4.07	4.05		0.905	0.445		24.935	
CO Total Exhaust:	3.91	4.05	4.07	4.05	17.17	0.905	0.445	0.561	24.93	4.127
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.116	0.191	0.265	0.212		0.033	0.071		0.688	
NOx Total Exhaust:	0.116	0.191	0.265	0.212	0.142	0.033	0.071	0.630	0.69	0.217
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022

					2030FRED						
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002	
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008	
Running Loss:	0.176	0.112	0.103	0.109	0.204	0.000	0.000	0.000	0.000	0.121	
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008	
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Non-Exhaust:	0.228	0.151	0.137	0.148	0.261	0.000	0.000	0.000	0.291	0.161	

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 11.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.287	0.247	0.255	0.249	0.498	0.064	0.093	0.460	2.88	0.291
Composite CO :	3.71	3.85	3.87	3.86	15.78	0.836	0.411	0.518	22.55	3.907
Composite NOX :	0.111	0.182	0.253	0.202	0.143	0.031	0.068	0.606	0.69	0.208

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.076	0.106	0.128	0.113		0.064	0.093		2.587	
VOC Total Exhaust:	0.076	0.106	0.128	0.113	0.256	0.064	0.093	0.460	2.59	0.142
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.71	3.85	3.87	3.86		0.836	0.411		22.551	
CO Total Exhaust:	3.71	3.85	3.87	3.86	15.78	0.836	0.411	0.518	22.55	3.907
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.111	0.182	0.253	0.202		0.031	0.068		0.693	
NOx Total Exhaust:	0.111	0.182	0.253	0.202	0.143	0.031	0.068	0.606	0.69	0.208

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.159	0.101	0.093	0.099	0.185	0.000	0.000	0.000	0.000	0.109
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.211	0.141	0.127	0.138	0.242	0.000	0.000	0.000	0.291	0.149

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 12.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
M 48 Warning:      there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 13.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
M 48 Warning: user supplied VM MAX.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Date	Feb	From Site	EL	ROG MOBILE
Calendar Year:	2030			
Month:	Jan.			
Altitude:	Low			
Minimum Temperature:	33.0	(F)		
Maximum Temperature:	53.0	(F)		
Absolute Humidity:	75.	grains/lb		
Nominal Fuel RVP:	12.9	psi		
Weathered RVP:	12.9	psi		
Fuel Sulfur Content:	30.	ppm		

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 14.0 Month: 01 1
* File 1, Run 1, Scenario 14.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
M583 Warning:
    The user supplied arterial average speed of 14.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV7
M 48 Warning:
    there are no sales for vehicle class HDGV8a
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class HDGB
M 48 Warning:
    there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2030
        Month: Jan.
            Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No
```

Page 11

					2030FRED					
Running Loss:	0.123	0.078	0.072	0.076	0.143	0.000	0.000	0.000	0.000	0.084
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.174	0.117	0.105	0.115	0.200	0.000	0.000	0.000	0.291	0.124

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 15.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.225	0.195	0.200	0.197	0.381	0.054	0.079	0.390	2.29	0.231
Composite CO :	3.20	3.33	3.34	3.33	12.07	0.653	0.321	0.405	16.20	3.322
Composite NOX :	0.096	0.158	0.221	0.176	0.148	0.028	0.061	0.542	0.70	0.183

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.060	0.084	0.101	0.089		0.054	0.079		1.995	
VOC Total Exhaust:	0.060	0.084	0.101	0.089	0.191	0.054	0.079	0.390	2.00	0.113
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.20	3.33	3.34	3.33		0.653	0.321		16.196	
CO Total Exhaust:	3.20	3.33	3.34	3.33	12.07	0.653	0.321	0.405	16.20	3.322
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.096	0.158	0.221	0.176		0.028	0.061		0.705	
NOx Total Exhaust:	0.096	0.158	0.221	0.176	0.148	0.028	0.061	0.542	0.70	0.183

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.114	0.072	0.066	0.070	0.132	0.000	0.000	0.000	0.000	0.078
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.165	0.112	0.100	0.109	0.190	0.000	0.000	0.000	0.291	0.118

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 16.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

```
M 48 Warning:
      there are no sales for vehicle class HDGB
M 48 Warning:
      there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.211	0.185	0.190	0.187	0.355	0.052	0.075	0.373	2.19	0.219
Composite CO :	3.11	3.24	3.25	3.24	11.30	0.613	0.301	0.380	15.19	3.219
Composite NOX :	0.094	0.154	0.215	0.172	0.150	0.027	0.059	0.527	0.72	0.178
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.057	0.080	0.096	0.084		0.052	0.075		1.902	
VOC Total Exhaust:	0.057	0.080	0.096	0.084	0.177	0.052	0.075	0.373	1.90	0.108
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.11	3.24	3.25	3.24		0.613	0.301		15.190	
CO Total Exhaust:	3.11	3.24	3.25	3.24	11.30	0.613	0.301	0.380	15.19	3.219
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.094	0.154	0.215	0.172		0.027	0.059		0.721	
NOx Total Exhaust:	0.094	0.154	0.215	0.172	0.150	0.027	0.059	0.527	0.72	0.178
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.103	0.066	0.061	0.064	0.121	0.000	0.000	0.000	0.000	0.071
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.154	0.106	0.094	0.103	0.178	0.000	0.000	0.000	0.291	0.111

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 17.0 Month: 01 1
* File 1, Run 1, Scenario 17.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 17.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```
M 48 Warning: user supplied VM MAX.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 ≤6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										

Page 13

Page 14

Refueling Loss:	0.000	0.000	0.000	0.000	2030FRED	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.137	0.095	0.085	0.093	0.158	0.000	0.000	0.000	0.000	0.291	0.100

* #####

* St & Cnty: 24021 MY: 2030 Speed: 19.0 Month: 01 1

* File 1, Run 1, Scenario 19.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 19.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700
Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300
Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.180	0.162	0.165	0.163	0.295	0.046	0.067	0.331	1.97	0.190
Composite CO :	2.91	3.02	3.04	3.03	9.46	0.518	0.255	0.321	12.81	2.973
Composite NOX :	0.088	0.145	0.202	0.161	0.154	0.025	0.055	0.492	0.76	0.168

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.050	0.071	0.085	0.075		0.046	0.067		1.679	
VOC Total Exhaust:	0.050	0.071	0.085	0.075	0.145	0.046	0.067	0.331	1.68	0.095
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.91	3.02	3.04	3.03		0.518	0.255		12.807	
CO Total Exhaust:	2.91	3.02	3.04	3.03	9.46	0.518	0.255	0.321	12.81	2.973
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.088	0.145	0.202	0.161		0.025	0.055		0.758	
NOx Total Exhaust:	0.088	0.145	0.202	0.161	0.154	0.025	0.055	0.492	0.76	0.168

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.078	0.052	0.047	0.050	0.093	0.000	0.000	0.000	0.000	0.055
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.129	0.091	0.081	0.089	0.150	0.000	0.000	0.000	0.291	0.095

* #####

* St & Cnty: 24021 MY: 2030 Speed: 20.0 Month: 01 1

* File 1, Run 1, Scenario 20.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 20.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.171	0.155	0.159	0.156	0.279	0.044	0.064	0.320	1.91	0.182
Composite CO :	2.85	2.97	2.98	2.97	8.97	0.493	0.242	0.305	12.17	2.908
Composite NOx :	0.086	0.142	0.198	0.158	0.155	0.025	0.054	0.483	0.77	0.165
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.049	0.068	0.082	0.072		0.044	0.064		0.620	
VOC Total Exhaust:	0.049	0.068	0.082	0.072	0.136	0.044	0.064	0.320	1.62	0.092
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.85	2.97	2.98	2.97		0.493	0.242		12.172	
CO Total Exhaust:	2.85	2.97	2.98	2.97	8.97	0.493	0.242	0.305	12.17	2.908
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.086	0.142	0.198	0.158		0.025	0.054		0.769	
NOx Total Exhaust:	0.086	0.142	0.198	0.158	0.155	0.025	0.054	0.483	0.77	0.165
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.072	0.048	0.043	0.047	0.086	0.000	0.000	0.000	0.000	0.050
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.123	0.087	0.077	0.085	0.143	0.000	0.000	0.000	0.291	0.090

* #####

* St & Cnty: 24021 MY: 2030 Speed: 21.0 Month: 01 1

* File 1, Run 1, Scenario 21.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

2030FRED

Composite Emission Factors (g/mi):										
Composite VOC :	0.167	0.151	0.154	0.152	0.267	0.043	0.062	0.308	1.86	0.177
Composite CO :	2.80	2.92	2.93	2.92	8.51	0.468	0.230	0.290	11.58	2.851
Composite NOX :	0.085	0.140	0.195	0.156	0.157	0.024	0.053	0.474	0.79	0.162
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.047	0.066	0.079	0.070		0.043	0.062		1.565	
VOC Total Exhaust:	0.047	0.066	0.079	0.070	0.128	0.043	0.062	0.308	1.57	0.089
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.80	2.92	2.93	2.92		0.468	0.230		11.585	
CO Total Exhaust:	2.80	2.92	2.93	2.92	8.51	0.468	0.230	0.290	11.58	2.851
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.085	0.140	0.195	0.156		0.024	0.053		0.787	
NOx Total Exhaust:	0.085	0.140	0.195	0.156	0.157	0.024	0.053	0.474	0.79	0.162
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.068	0.046	0.041	0.044	0.082	0.000	0.000	0.000	0.000	0.048
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.119	0.085	0.075	0.083	0.139	0.000	0.000	0.000	0.291	0.088

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 22.0 Month: 01 1

* File 1, Run 1, Scenario 22.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 22.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWVR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.162	0.147	0.150	0.148	0.255	0.041	0.060	0.296	1.81	0.172
Composite CO :	2.76	2.87	2.89	2.88	8.09	0.446	0.219	0.276	11.05	2.799
Composite NOX :	0.084	0.138	0.192	0.153	0.158	0.024	0.052	0.466	0.80	0.160
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.046	0.064	0.077	0.068		0.041	0.060		1.515	
VOC Total Exhaust:	0.046	0.064	0.077	0.068	0.120	0.041	0.060	0.296	1.52	0.086
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.76	2.87	2.89	2.88		0.446	0.219		11.051	
CO Total Exhaust:	2.76	2.87	2.89	2.88	8.09	0.446	0.219	0.276	11.05	2.799
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.084	0.138	0.192	0.153		0.024	0.052		0.805	
NOx Total Exhaust:	0.084	0.138	0.192	0.153	0.158	0.024	0.052	0.466	0.80	0.160
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.065	0.044	0.040	0.042	0.078	0.000	0.000	0.000	0.000	0.046
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.116	0.083	0.073	0.081	0.135	0.000	0.000	0.000	0.291	0.086

2030FRED

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.154	0.140	0.142	0.141	0.236	0.038	0.056	0.277	1.72	0.163
Composite CO :	2.68	2.80	2.81	2.80	7.36	0.407	0.200	0.252	10.12	2.708
Composite NOX :	0.081	0.134	0.187	0.149	0.161	0.023	0.051	0.452	0.83	0.156

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.060	0.072	0.064		0.038	0.056		1.427	
VOC Total Exhaust:	0.043	0.060	0.072	0.064	0.107	0.038	0.056	0.277	1.43	0.080

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.68	2.80	2.81	2.80		0.407	0.200		10.117	
CO Total Exhaust:	2.68	2.80	2.81	2.80	7.36	0.407	0.200	0.252	10.12	2.708

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.081	0.134	0.187	0.149		0.023	0.051		0.835	
NOx Total Exhaust:	0.081	0.134	0.187	0.149	0.161	0.023	0.051	0.452	0.83	0.156

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.060	0.040	0.036	0.039	0.072	0.000	0.000	0.000	0.000	0.042
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.111	0.080	0.070	0.078	0.129	0.000	0.000	0.000	0.291	0.082

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 25.0 Month: 01 1

* File 1, Run 1, Scenario 25.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

2030FRED										
Composite VOC :	0.151	0.137	0.139	0.137	0.227	0.037	0.054	0.268	1.68	0.159
Composite CO :	2.65	2.76	2.77	2.77	7.03	0.390	0.192	0.241	9.71	2.668
Composite NOX :	0.080	0.132	0.185	0.147	0.162	0.023	0.050	0.445	0.85	0.154

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	
VOC Running:	0.042	0.059	0.070	0.062		0.037	0.054		1.389	
VOC Total Exhaust:	0.042	0.059	0.070	0.062	0.101	0.037	0.054	0.268	1.39	0.078

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.65	2.76	2.77	2.77		0.390	0.192		9.706	
CO Total Exhaust:	2.65	2.76	2.77	2.77	7.03	0.390	0.192	0.241	9.71	2.668

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.080	0.132	0.185	0.147		0.023	0.050		0.848	
NOx Total Exhaust:	0.080	0.132	0.185	0.147	0.162	0.023	0.050	0.445	0.85	0.154

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.058	0.038	0.035	0.037	0.069	0.000	0.000	0.000	0.000	0.041
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.109	0.078	0.069	0.076	0.126	0.000	0.000	0.000	0.291	0.081

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 26.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.148	0.134	0.136	0.135	0.219	0.036	0.052	0.259	1.64	0.155
Composite CO :	2.64	2.75	2.76	2.75	6.76	0.374	0.184	0.232	9.29	2.648
Composite NOX :	0.079	0.131	0.183	0.146	0.164	0.023	0.050	0.441	0.86	0.153

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.058	0.069	0.061		0.036	0.052		1.349	
VOC Total Exhaust:	0.041	0.058	0.069	0.061	0.096	0.036	0.052	0.259	1.35	0.076

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.64	2.75	2.76	2.75		0.374	0.184		9.294	
CO Total Exhaust:	2.64	2.75	2.76	2.75	6.76	0.374	0.184	0.232	9.29	2.648

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.079	0.131	0.183	0.146		0.023	0.050		0.865	
NOx Total Exhaust:	0.079	0.131	0.183	0.146	0.164	0.023	0.050	0.441	0.86	0.153

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.055	0.037	0.034	0.036	0.066	0.000	0.000	0.000	0.000	0.039
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.107	0.076	0.067	0.075	0.123	0.000	0.000	0.000	0.291	0.079

2030FRED

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 27.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.145	0.132	0.134	0.132	0.212	0.035	0.051	0.251	1.60	0.152
Composite CO :	2.62	2.74	2.75	2.74	6.50	0.360	0.177	0.223	8.91	2.629
Composite NOX :	0.079	0.129	0.181	0.144	0.165	0.023	0.049	0.437	0.88	0.151
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.056	0.068	0.060		0.035	0.051		1.312	
VOC Total Exhaust:	0.040	0.056	0.068	0.060	0.091	0.035	0.051	0.251	1.31	0.074
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.62	2.74	2.75	2.74		0.360	0.177		8.913	
CO Total Exhaust:	2.62	2.74	2.75	2.74	6.50	0.360	0.177	0.223	8.91	2.629
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.079	0.129	0.181	0.144		0.023	0.049		0.881	
NOx Total Exhaust:	0.079	0.129	0.181	0.144	0.165	0.023	0.049	0.437	0.88	0.151
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.053	0.036	0.032	0.035	0.064	0.000	0.000	0.000	0.000	0.038
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.104	0.075	0.066	0.073	0.121	0.000	0.000	0.000	0.291	0.078

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 28.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.142	0.129	0.131	0.130	0.205	0.034	0.049	0.244	1.57	0.149
Composite CO :	2.61	2.73	2.74	2.73	6.26	0.346	0.170	0.215	8.56	2.612
Composite NOx :	0.078	0.128	0.179	0.143	0.166	0.022	0.049	0.433	0.90	0.150
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.055	0.066	0.059		0.034	0.049		1.277	
VOC Total Exhaust:	0.040	0.055	0.066	0.059	0.086	0.034	0.049	0.244	1.28	0.073
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.61	2.73	2.74	2.73		0.346	0.170		8.559	
CO Total Exhaust:	2.61	2.73	2.74	2.73	6.26	0.346	0.170	0.215	8.56	2.612
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.078	0.128	0.179	0.143		0.022	0.049		0.895	
NOx Total Exhaust:	0.078	0.128	0.179	0.143	0.166	0.022	0.049	0.433	0.90	0.150
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.051	0.034	0.031	0.033	0.061	0.000	0.000	0.000	0.000	0.036
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.102	0.074	0.065	0.072	0.118	0.000	0.000	0.000	0.291	0.076

[illegible]

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

LEV phase-in data read from file E:\AQPROG\M0BILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 <6000	LDGT (All)	HDGV	LDV	LDLT	HDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.127	0.129	0.128	0.198	0.033	0.048	0.237	1.54	0.146	
Composite CO :	2.60	2.72	2.73	2.72	6.04	0.334	0.164	0.207	8.23	2.596

	0.077	0.127	0.178	0.141	2030FRED 0.168	0.022	0.048	0.429	0.91	0.149
Composite NOX :	0.077	0.127	0.178	0.141	0.168	0.022	0.048	0.429	0.91	0.149
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.055	0.065	0.058		0.033	0.048		1.245	
VOC Total Exhaust:	0.039	0.055	0.065	0.058	0.082	0.033	0.048	0.237	1.25	0.071
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.60	2.72	2.73	2.72		0.334	0.164		8.229	
CO Total Exhaust:	2.60	2.72	2.73	2.72	6.04	0.334	0.164	0.207	8.23	2.596
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.077	0.127	0.178	0.141		0.022	0.048		0.909	
NOx Total Exhaust:	0.077	0.127	0.178	0.141	0.168	0.022	0.048	0.429	0.91	0.149
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.049	0.033	0.030	0.032	0.059	0.000	0.000	0.000	0.000	0.035
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.101	0.073	0.064	0.071	0.116	0.000	0.000	0.000	0.291	0.075

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 30.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.137	0.125	0.127	0.126	0.192	0.032	0.046	0.230	1.51	0.143
Composite CO :	2.59	2.71	2.72	2.71	5.83	0.322	0.158	0.200	7.92	2.581
Composite NOX :	0.076	0.126	0.176	0.140	0.169	0.022	0.048	0.426	0.92	0.148
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.064	0.057		0.032	0.046		1.215	
VOC Total Exhaust:	0.038	0.054	0.064	0.057	0.078	0.032	0.046	0.230	1.22	0.070
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.59	2.71	2.72	2.71		0.322	0.158		7.922	
CO Total Exhaust:	2.59	2.71	2.72	2.71	5.83	0.322	0.158	0.200	7.92	2.581
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.126	0.176	0.140		0.022	0.048		0.921	
NOx Total Exhaust:	0.076	0.126	0.176	0.140	0.169	0.022	0.048	0.426	0.92	0.148
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.048	0.032	0.029	0.031	0.057	0.000	0.000	0.000	0.000	0.034
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.099	0.072	0.063	0.070	0.114	0.000	0.000	0.000	0.291	0.074

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1

2030FRED

* File 1, Run 1, Scenario 31.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 31.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.135	0.124	0.125	0.124	0.187	0.031	0.045	0.224	1.48	0.141
Composite CO :	2.60	2.72	2.73	2.72	5.67	0.313	0.154	0.194	7.62	2.584
Composite NOx :	0.076	0.125	0.175	0.139	0.170	0.022	0.048	0.425	0.93	0.147

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.064	0.056		0.031	0.045		1.185	
VOC Total Exhaust:	0.038	0.053	0.064	0.056	0.075	0.031	0.045	0.224	1.19	0.069

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.60	2.72	2.73	2.72		0.313	0.154		7.623	
CO Total Exhaust:	2.60	2.72	2.73	2.72	5.67	0.313	0.154	0.194	7.62	2.584

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.125	0.175	0.139		0.022	0.048		0.934	
NOx Total Exhaust:	0.076	0.125	0.175	0.139	0.170	0.022	0.048	0.425	0.93	0.147

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.046	0.031	0.028	0.030	0.055	0.000	0.000	0.000	0.000	0.032
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.097	0.070	0.062	0.069	0.112	0.000	0.000	0.000	0.291	0.072

* #####

* St & Cnty: 24021 MY: 2030 Speed: 32.0 Month: 01 1

* File 1, Run 1, Scenario 32.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 32.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.

2030FRED

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
VOC Running:	0.037	0.052	0.063	0.055		0.029	0.043		1.130	
VOC Total Exhaust:	0.037	0.052	0.063	0.055	0.069	0.029	0.043	0.212	1.13	0.067
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.62	2.74	2.75	2.74		0.295	0.145		7.080	
CO Total Exhaust:	2.62	2.74	2.75	2.74	5.37	0.295	0.145	0.183	7.08	2.589
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.075	0.124	0.173	0.138		0.022	0.048		0.957	
NOx Total Exhaust:	0.075	0.124	0.173	0.138	0.173	0.022	0.048	0.423	0.96	0.146

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.042	0.029	0.026	0.028	0.051	0.000	0.000	0.000	0.000	0.030
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.094	0.069	0.060	0.067	0.108	0.000	0.000	0.000	0.291	0.070

* #####

* St & Cnty: 24021 MY: 2030 Speed: 34.0 Month: 01 1

* File 1, Run 1, Scenario 34.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 34.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.129	0.120	0.121	0.120	0.172	0.029	0.042	0.207	1.40	0.135
Composite CO :	2.62	2.74	2.75	2.75	5.24	0.287	0.141	0.178	6.83	2.592
Composite NOX :	0.075	0.123	0.172	0.137	0.174	0.022	0.048	0.423	0.97	0.146

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.029	0.042		1.105	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.066	0.029	0.042	0.207	1.10	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.62	2.74	2.75	2.75		0.287	0.141		6.833	
CO Total Exhaust:	2.62	2.74	2.75	2.75	5.24	0.287	0.141	0.178	6.83	2.592
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.075	0.123	0.172	0.137		0.022	0.048		0.968	
NOx Total Exhaust:	0.075	0.123	0.172	0.137	0.174	0.022	0.048	0.423	0.97	0.146

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.041	0.028	0.026	0.027	0.049	0.000	0.000	0.000	0.000	0.029
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.092	0.068	0.059	0.066	0.106	0.000	0.000	0.000	0.291	0.069

* #####

* St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 35.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2030FRED
SCENARIO10: 35 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 35.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.127	0.118	0.120	0.119	0.168	0.028	0.041	0.202	1.37	0.133
Composite CO :	2.63	2.75	2.76	2.75	5.11	0.279	0.137	0.173	6.60	2.594
Composite NOX :	0.074	0.122	0.172	0.137	0.176	0.022	0.047	0.422	0.98	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.028	0.041		1.081	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.063	0.028	0.041	0.202	1.08	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.63	2.75	2.76	2.75		0.279	0.137		6.599	
CO Total Exhaust:	2.63	2.75	2.76	2.75	5.11	0.279	0.137	0.173	6.60	2.594
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.172	0.137		0.022	0.047		0.978	
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.176	0.022	0.047	0.422	0.98	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.040	0.027	0.025	0.027	0.048	0.000	0.000	0.000	0.000	0.028
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.091	0.067	0.058	0.065	0.105	0.000	0.000	0.000	0.291	0.068

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 36.0 Month: 01 1
* File 1, Run 1, Scenario 36.

* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 36 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)

2030FRED										
VOC Running:	0.037	0.053	0.062	0.055		0.027	0.039		1.040	
VOC Total Exhaust:	0.037	0.053	0.062	0.055	0.059	0.027	0.039	0.193	1.04	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.73	2.86	2.87	2.87		0.268	0.132		6.202	
CO Total Exhaust:	2.73	2.86	2.87	2.87	4.94	0.268	0.132	0.166	6.20	2.687
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.075	0.124	0.174	0.139		0.022	0.048		0.994	
NOx Total Exhaust:	0.075	0.124	0.174	0.139	0.179	0.022	0.048	0.427	0.99	0.147

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.037	0.026	0.023	0.025	0.044	0.000	0.000	0.000	0.000	0.027
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.088	0.065	0.057	0.064	0.101	0.000	0.000	0.000	0.291	0.067

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 38.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.124	0.117	0.119	0.118	0.157	0.026	0.038	0.188	1.31	0.130
Composite CO :	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.730
Composite NOX :	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.429	1.00	0.148

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.053	0.063	0.056		0.026	0.038		1.021	
VOC Total Exhaust:	0.037	0.053	0.063	0.056	0.057	0.026	0.038	0.188	1.02	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.78	2.92	2.92	2.92		0.262	0.129		6.019	
CO Total Exhaust:	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.730
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.125	0.175	0.139		0.022	0.048		1.001	
NOx Total Exhaust:	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.429	1.00	0.148

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.035	0.025	0.023	0.024	0.043	0.000	0.000	0.000	0.000	0.026
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.087	0.064	0.056	0.063	0.100	0.000	0.000	0.000	0.291	0.066

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 39.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 M583 Warning:

```
data file: E:\AQI_R03\MOBILE02\COND0
M615 Comment:
        User supplied VMT mix.
```

```
M 48 Warning: user supplied with max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDdT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.123	0.117	0.119	0.118	0.153	0.025	0.037	0.184	1.29	0.129
Composite CO :	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.770
Composite NOx :	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.431	1.01	0.149
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.063	0.056		0.025	0.037		1.003	
VOC Total Exhaust:	0.038	0.053	0.063	0.056	0.055	0.025	0.037	0.184	1.00	0.064
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.83	2.96	2.97	2.97		0.258	0.127		5.846	
CO Total Exhaust:	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.770
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.126	0.176	0.140		0.022	0.048		1.009	
NOx Total Exhaust:	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.431	1.01	0.149
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.034	0.024	0.022	0.024	0.041	0.000	0.000	0.000	0.000	0.025
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.085	0.064	0.056	0.062	0.098	0.000	0.000	0.000	0.291	0.060

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
* File 1, Run 1, Scenario 40.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
```

M583 Warning: The user supplied arterial average speed of 40.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

```

data read from file E:\RSPK06\MOBILE
Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb

```


2030FRED

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.92	3.07	3.07	3.07		0.250	0.123		5.553	
CO Total Exhaust:	2.92	3.07	3.07	3.07	4.70	0.250	0.123	0.155	5.55	2.858
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.078	0.128	0.178	0.142		0.023	0.049		1.022	
NOx Total Exhaust:	0.078	0.128	0.178	0.142	0.184	0.023	0.049	0.439	1.02	0.151

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.032	0.023	0.021	0.022	0.039	0.000	0.000	0.000	0.000	0.023
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.083	0.062	0.054	0.061	0.096	0.000	0.000	0.000	0.291	0.063

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 42.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	

Composite Emission Factors (g/mi):										
Composite VOC :	0.120	0.116	0.118	0.117	0.144	0.024	0.035	0.174	1.25	0.127
Composite CO :	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	2.904
Composite NOX :	0.078	0.129	0.180	0.143	0.185	0.023	0.050	0.445	1.03	0.152

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.057	0.050	0.024	0.035		0.963	
VOC Total Exhaust:	0.038	0.055	0.064	0.057	0.050	0.024	0.035	0.174	0.96	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.12	3.13	3.12		0.247	0.122		5.432	
CO Total Exhaust:	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	2.904

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.078	0.129	0.180	0.143		0.023	0.050		1.028	
NOx Total Exhaust:	0.078	0.129	0.180	0.143	0.185	0.023	0.050	0.445	1.03	0.152

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.030	0.022	0.020	0.022	0.037	0.000	0.000	0.000	0.000	0.023
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.082	0.062	0.054	0.060	0.094	0.000	0.000	0.000	0.291	0.063

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 43.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT

has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

Notes Comment: User supplied VMT mix.

```
M 48 Warning: user supplied VM max.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Data read from file E:\APROG\MOBILE	
Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.119	0.116	0.118	0.117	0.142	0.024	0.034	0.171	1.24	0.126
Composite CO :	3.02	3.17	3.18	3.18	4.66	0.245	0.120	0.152	5.32	2.949
Composite NOX :	0.079	0.130	0.181	0.144	0.187	0.023	0.051	0.450	1.03	0.154
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.058		0.024	0.034		0.952	
VOC Total Exhaust:	0.038	0.055	0.064	0.058	0.049	0.024	0.034	0.171	0.95	0.064
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.02	3.17	3.18	3.18		0.245	0.120		5.317	
CO Total Exhaust:	3.02	3.17	3.18	3.18	4.66	0.245	0.120	0.152	5.32	2.949
NOX Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOX Running:	0.079	0.130	0.181	0.144		0.023	0.051		1.033	
NOx Total Exhaust:	0.079	0.130	0.181	0.144	0.187	0.023	0.051	0.450	1.03	0.154
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.006	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.029	0.022	0.020	0.021	0.036	0.000	0.000	0.000	0.000	0.022
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.080	0.061	0.053	0.060	0.093	0.000	0.000	0.000	0.291	0.062

* #

* St & Cnty: 24021 MY: 2030 Speed: 44.0 Month: 01 1

* File 1, Run 1, Scenario 44.

* #####

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO0: 44      RoadType:  Arterial
```

M583 Warning: The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

NOTE: Comment:
      User supplied VMT mix.

```

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

Data read from file: 1 - AKROB MOBILE
Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi

```

2030FRED

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.118	0.116	0.118	0.117	0.139	0.023	0.034	0.168	1.23	0.126
Composite CO :	3.07	3.22	3.23	3.22	4.64	0.242	0.119	0.150	5.21	2.991
Composite NOX :	0.079	0.130	0.182	0.145	0.188	0.024	0.051	0.456	1.04	0.155

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.055	0.065	0.058		0.023	0.034		0.942	
VOC Total Exhaust:	0.039	0.055	0.065	0.058	0.048	0.023	0.034	0.168	0.94	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.07	3.22	3.23	3.22		0.242	0.119		5.206	
CO Total Exhaust:	3.07	3.22	3.23	3.22	4.64	0.242	0.119	0.150	5.21	2.991

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.079	0.130	0.182	0.145		0.024	0.051		1.039	
NOx Total Exhaust:	0.079	0.130	0.182	0.145	0.188	0.024	0.051	0.456	1.04	0.155

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.028	0.021	0.019	0.021	0.035	0.000	0.000	0.000	0.000	0.021
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.079	0.061	0.053	0.059	0.092	0.000	0.000	0.000	0.291	0.061

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 45.0 Month: 01 1

* File 1, Run 1, Scenario 45.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.117	0.116	0.117	0.116	0.137	0.023	0.033	0.165	1.22	0.125
Composite CO :	3.11	3.27	3.28	3.27	4.62	0.240	0.118	0.149	5.10	3.031
Composite NOX :	0.080	0.131	0.183	0.146	0.189	0.024	0.052	0.461	1.04	0.156

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.056	0.065	0.058		0.023	0.033		0.932	
VOC Total Exhaust:	0.039	0.056	0.065	0.058	0.046	0.023	0.033	0.165	0.93	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

Page 36

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDdT	HDdV	MC	All Veh
GVWR:										
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.115	0.115	0.117	0.116	0.131	0.022	0.032	0.159	1.21	0.123
Composite CO :	3.26	3.43	3.44	3.43	4.72	0.239	0.117	0.148	4.95	3.175
Composite NOx :	0.082	0.134	0.187	0.150	0.194	0.025	0.055	0.490	1.10	0.161
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.057	0.066	0.060		0.022	0.032		0.921	
VOC Total Exhaust:	0.040	0.057	0.066	0.060	0.044	0.022	0.032	0.159	0.92	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.26	3.43	3.44	3.43		0.239	0.117		4.953	
CO Total Exhaust:	3.26	3.43	3.44	3.43	4.72	0.239	0.117	0.148	4.95	3.175
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.082	0.134	0.187	0.150		0.025	0.055		1.100	
NOx Total Exhaust:	0.082	0.134	0.187	0.150	0.194	0.025	0.055	0.490	1.10	0.161
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.024	0.019	0.017	0.018	0.030	0.000	0.000	0.000	0.000	0.019
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.075	0.058	0.051	0.057	0.087	0.000	0.000	0.000	0.291	0.059

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2030
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Vehicle Type: GVWR:	LDGV	LDGT12 >6000	LDGT34 >6000	LDGT (All)	HDGV	LDVV	LDVT	HDVV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.114	0.115	0.117	0.116	0.129	0.022	0.032	0.157	1.21	0.123
Composite CO :	3.31	3.48	3.48	3.48	4.75	0.238	0.117	0.148	4.91	3.219
Composite NOX :	0.082	0.135	0.189	0.151	0.195	0.026	0.056	0.499	1.12	0.163
Tailpipe Emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.057	0.067	0.060		0.022	0.032		0.917	
VOC Total Exhaust:	0.040	0.057	0.067	0.060	0.043	0.022	0.032	0.157	0.92	0.065
CO Emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.31	3.48	3.48	3.48		0.238	0.117		4.907	
CO Total Exhaust:	3.31	3.48	3.48	3.48	4.75	0.238	0.117	0.148	4.91	3.219

2030FRED

NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOx Running:	0.082	0.135	0.189	0.151	0.026	0.026	0.056	0.499	1.118	0.163
NOx Total Exhaust:	0.082	0.135	0.189	0.151	0.195	0.026	0.056	0.499	1.12	0.163

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.023	0.018	0.016	0.018	0.029	0.000	0.000	0.000	0.000	0.018
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.074	0.058	0.050	0.056	0.086	0.000	0.000	0.000	0.291	0.058

* #####

* St & Cnty: 24021 MY: 2030 Speed: 50.0 Month: 01 1

* File 1, Run 1, Scenario 50.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 50.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	

Composite Emission Factors (g/mi):										
Composite VOC :	0.113	0.115	0.116	0.115	0.127	0.021	0.031	0.155	1.21	0.122
Composite CO :	3.35	3.53	3.53	3.53	4.77	0.238	0.117	0.147	4.86	3.262
Composite NOX :	0.083	0.136	0.190	0.152	0.196	0.026	0.057	0.508	1.13	0.164

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
VOC Running:	0.040	0.058	0.067	0.060	0.021	0.031	0.031	0.155	0.914	
VOC Total Exhaust:	0.040	0.058	0.067	0.060	0.042	0.021	0.031	0.155	0.91	0.065

CO Start:	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	
CO Running:	3.35	3.53	3.53	3.53	0.238	0.117	0.117	0.147	4.864	
CO Total Exhaust:	3.35	3.53	3.53	3.53	4.77	0.238	0.117	0.147	4.86	3.262

NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NOx Running:	0.083	0.136	0.190	0.152	0.026	0.057	0.057	0.508	1.134	
NOx Total Exhaust:	0.083	0.136	0.190	0.152	0.196	0.026	0.057	0.508	1.13	0.164

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.022	0.018	0.016	0.017	0.028	0.000	0.000	0.000	0.000	0.017
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.073	0.057	0.050	0.056	0.085	0.000	0.000	0.000	0.291	0.057

* #####

* St & Cnty: 24021 MY: 2030 Speed: 51.0 Month: 01 1

* File 1, Run 1, Scenario 51.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 51.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
2030FRED

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.113	0.115	0.116	0.115	0.126	0.021	0.031	0.153	1.21	0.122
Composite CO :	3.41	3.59	3.59	3.59	4.87	0.240	0.118	0.149	4.86	3.313
Composite NOX :	0.083	0.137	0.191	0.153	0.198	0.027	0.059	0.523	1.17	0.166
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.058	0.067	0.061		0.021	0.031		0.914	
VOC Total Exhaust:	0.040	0.058	0.067	0.061	0.042	0.021	0.031	0.153	0.91	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.41	3.59	3.59	3.59		0.240	0.118		4.864	
CO Total Exhaust:	3.41	3.59	3.59	3.59	4.87	0.240	0.118	0.149	4.86	3.313
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.083	0.137	0.191	0.153		0.027	0.059		1.171	
NOx Total Exhaust:	0.083	0.137	0.191	0.153	0.198	0.027	0.059	0.523	1.17	0.166
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.021	0.017	0.015	0.017	0.027	0.000	0.000	0.000	0.000	0.017
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.072	0.056	0.049	0.055	0.084	0.000	0.000	0.000	0.291	0.057

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 52.0 Month: 01 1
* File 1, Run 1, Scenario 52.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 52.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes

2030FRED

ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.112	0.114	0.116	0.115	0.124	0.021	0.031	0.152	1.21	0.121
Composite CO :	3.46	3.64	3.64	3.64	4.96	0.242	0.119	0.150	4.86	3.362
Composite NOX :	0.084	0.138	0.193	0.154	0.199	0.028	0.061	0.538	1.21	0.169

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.059	0.068	0.061		0.021	0.031		0.914	
VOC Total Exhaust:	0.040	0.059	0.068	0.061	0.042	0.021	0.031	0.152	0.91	0.065

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.46	3.64	3.64	3.64		0.242	0.119		4.864	
CO Total Exhaust:	3.46	3.64	3.64	3.64	4.96	0.242	0.119	0.150	4.86	3.362

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.084	0.138	0.193	0.154		0.028	0.061		1.207	
NOx Total Exhaust:	0.084	0.138	0.193	0.154	0.199	0.028	0.061	0.538	1.21	0.169

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.020	0.016	0.015	0.016	0.026	0.000	0.000	0.000	0.000	0.016
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.072	0.056	0.048	0.054	0.083	0.000	0.000	0.000	0.291	0.056

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 53.0 Month: 01 1

* File 1, Run 1, Scenario 53.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 53.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.112	0.114	0.116	0.115	0.123	0.021	0.030	0.151	1.21	0.121
Composite CO :	3.50	3.69	3.69	3.69	5.05	0.244	0.120	0.151	4.86	3.410
Composite NOX :	0.085	0.139	0.194	0.155	0.200	0.029	0.062	0.553	1.24	0.171

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.059	0.068	0.062		0.021	0.030		0.914	
VOC Total Exhaust:	0.041	0.059	0.068	0.062	0.041	0.021	0.030	0.151	0.91	0.066

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.50	3.69	3.69	3.69		0.244	0.120		4.864	
CO Total Exhaust:	3.50	3.69	3.69	3.69	5.05	0.244	0.120	0.151	4.86	3.410

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	

					2030FRED					
NOx Running:	0.085	0.139	0.194	0.155		0.029	0.062		1.242	
NOx Total Exhaust:	0.085	0.139	0.194	0.155	0.200	0.029	0.062	0.553	1.24	0.171

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.020	0.016	0.014	0.015	0.025	0.000	0.000	0.000	0.000	0.015
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.071	0.055	0.048	0.054	0.082	0.000	0.000	0.000	0.291	0.055

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 54.0 Month: 01 1
 * File 1, Run 1, Scenario 54.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.111	0.114	0.116	0.115	0.122	0.021	0.030	0.149	1.21	0.121
Composite CO :	3.55	3.74	3.74	3.74	5.13	0.245	0.121	0.152	4.86	3.455
Composite NOX :	0.085	0.140	0.195	0.156	0.202	0.029	0.064	0.567	1.28	0.173

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.059	0.068	0.062		0.021	0.030		0.914	
VOC Total Exhaust:	0.041	0.059	0.068	0.062	0.041	0.021	0.030	0.149	0.91	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.74	3.74	3.74		0.245	0.121		4.864	
CO Total Exhaust:	3.55	3.74	3.74	3.74	5.13	0.245	0.121	0.152	4.86	3.455
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.085	0.140	0.195	0.156		0.029	0.064		1.275	
NOx Total Exhaust:	0.085	0.140	0.195	0.156	0.202	0.029	0.064	0.567	1.28	0.173

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.019	0.015	0.014	0.015	0.024	0.000	0.000	0.000	0.000	0.015
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.070	0.055	0.047	0.053	0.081	0.000	0.000	0.000	0.291	0.055

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 55.0 Month: 01 1
 * File 1, Run 1, Scenario 55.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.111	0.114	0.116	0.114	0.120	0.020	0.030	0.148	1.21	0.120
Composite CO :	3.60	3.79	3.79	3.79	5.21	0.247	0.121	0.153	4.86	3.499
Composite NOX :	0.086	0.141	0.196	0.157	0.203	0.030	0.065	0.580	1.31	0.175
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.060	0.069	0.062		0.020	0.030		0.914	
VOC Total Exhaust:	0.041	0.060	0.069	0.062	0.040	0.020	0.030	0.148	0.91	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.60	3.79	3.79	3.79		0.247	0.121		4.864	
CO Total Exhaust:	3.60	3.79	3.79	3.79	5.21	0.247	0.121	0.153	4.86	3.499
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.086	0.141	0.196	0.157		0.030	0.065		1.307	
NOx Total Exhaust:	0.086	0.141	0.196	0.157	0.203	0.030	0.065	0.580	1.31	0.175
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.018	0.015	0.013	0.014	0.023	0.000	0.000	0.000	0.000	0.014
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.069	0.054	0.047	0.053	0.080	0.000	0.000	0.000	0.291	0.054

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 56.0 Month: 01 1

* File 1, Run 1, Scenario 56.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 56.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2030FRED

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.110	0.114	0.115	0.114	0.119	0.020	0.030	0.147	1.28	0.120
Composite CO :	3.65	3.84	3.84	3.84	5.38	0.252	0.124	0.156	6.12	3.558
Composite NOX :	0.086	0.142	0.198	0.158	0.204	0.031	0.068	0.603	1.34	0.177

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.060	0.069	0.063		0.020	0.030		0.984	
VOC Total Exhaust:	0.041	0.060	0.069	0.063	0.040	0.020	0.030	0.147	0.98	0.067

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.65	3.84	3.84	3.84		0.252	0.124		6.119	
CO Total Exhaust:	3.65	3.84	3.84	3.84	5.38	0.252	0.124	0.156	6.12	3.558

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.086	0.142	0.198	0.158		0.031	0.068		1.345	
NOx Total Exhaust:	0.086	0.142	0.198	0.158	0.204	0.031	0.068	0.603	1.34	0.177

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.018	0.014	0.013	0.014	0.022	0.000	0.000	0.000	0.000	0.014
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.069	0.054	0.046	0.052	0.079	0.000	0.000	0.000	0.291	0.054

* #####

* St & Cnty: 24021 MY: 2030 Speed: 57.0 Month: 01 1

* File 1, Run 1, Scenario 57.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.110	0.114	0.115	0.114	0.119	0.020	0.030	0.147	1.34	0.121
Composite CO :	3.70	3.90	3.90	3.90	5.55	0.256	0.126	0.159	7.33	3.614
Composite NOX :	0.087	0.143	0.199	0.159	0.206	0.032	0.070	0.625	1.38	0.180

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.061	0.069	0.063		0.020	0.030		1.052	
VOC Total Exhaust:	0.042	0.061	0.069	0.063	0.040	0.020	0.030	0.147	1.05	0.067

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.90	3.90	3.90		0.256	0.126		7.330	
CO Total Exhaust:	3.70	3.90	3.90	3.90	5.55	0.256	0.126	0.159	7.33	3.614

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.087	0.143	0.199	0.159		0.032	0.070		1.380	
NOx Total Exhaust:	0.087	0.143	0.199	0.159	0.206	0.032	0.070	0.625	1.38	0.180

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.025	0.008
Running Loss:	0.017	0.014	0.012	0.013	0.021	0.000	0.000	0.000	0.000	0.013
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.068	0.053	0.046	0.052	0.078	0.000	0.000	0.000	0.291	0.053

The user supplied arterial average speed of 58.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.118	0.020	0.029	0.146	1.41	0.121
Composite CO :	3.75	3.95	3.95	3.95	5.71	0.260	0.128	0.161	8.50	3.688
Composite NOx :	0.088	0.144	0.201	0.160	0.207	0.033	0.073	0.646	1.42	0.183

Exhaust emissions (g/mi):									
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
VOC Running:	0.042	0.061	0.070	0.064		0.020	0.029		1.117
VOC Total Exhaust:	0.042	0.061	0.070	0.064	0.040	0.020	0.029	0.146	1.12 0.068
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	3.75	3.95	3.95	3.95		0.260	0.128		8.499
CO Total Exhaust:	3.75	3.95	3.95	3.95	5.71	0.260	0.128	0.161	8.50 3.668
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000
NOx Running:	0.088	0.144	0.201	0.160		0.033	0.073		1.415
NOx Total Exhaust:	0.088	0.144	0.201	0.160	0.207	0.033	0.073	0.646	1.42 0.183

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.017	0.013	0.012	0.013	0.021	0.000	0.000	0.000	0.000	0.013
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.068	0.053	0.046	0.051	0.078	0.000	0.000	0.000	0.291	0.053

The user supplied arterial average speed of 59.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

M 48 Warning:

2030FRED

there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.117	0.020	0.029	0.146	1.47	0.121
Composite CO :	3.79	4.00	4.00	4.00	5.86	0.264	0.130	0.164	9.63	3.720
Composite NOx :	0.088	0.145	0.202	0.161	0.209	0.034	0.075	0.666	1.45	0.185
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.061	0.070	0.064		0.020	0.029		1.180	
VOC Total Exhaust:	0.042	0.061	0.070	0.064	0.040	0.020	0.029	0.146	1.18	0.068
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.79	4.00	4.00	4.00		0.264	0.130		9.628	
CO Total Exhaust:	3.79	4.00	4.00	4.00	5.86	0.264	0.130	0.164	9.63	3.720
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.088	0.145	0.202	0.161		0.034	0.075		1.448	
NOx Total Exhaust:	0.088	0.145	0.202	0.161	0.209	0.034	0.075	0.666	1.45	0.185
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.016	0.013	0.012	0.012	0.020	0.000	0.000	0.000	0.000	0.013
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.067	0.052	0.045	0.051	0.077	0.000	0.000	0.000	0.291	0.053

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 60.0 Month: 01 1
* File 1, Run 1, Scenario 60.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 60.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 45

Ether Blend Oxygen Content: 0.015 2030FRED
Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	<6000	>6000	(All)						
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.116	0.020	0.029	0.145	1.53	0.121
Composite CO :	3.84	4.05	4.05	4.05	6.01	0.268	0.132	0.166	10.72	3.770
Composite NOX :	0.089	0.146	0.203	0.162	0.210	0.035	0.077	0.686	1.48	0.187
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.062	0.070	0.064		0.020	0.029		1.240	
VOC Total Exhaust:	0.042	0.062	0.070	0.064	0.040	0.020	0.029	0.145	1.24	0.069
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.84	4.05	4.05	4.05		0.268	0.132		10.720	
CO Total Exhaust:	3.84	4.05	4.05	4.05	6.01	0.268	0.132	0.166	10.72	3.770
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.089	0.146	0.203	0.162		0.035	0.077		1.481	
NOx Total Exhaust:	0.089	0.146	0.203	0.162	0.210	0.035	0.077	0.686	1.48	0.187
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.015	0.012	0.011	0.012	0.019	0.000	0.000	0.000	0.000	0.012
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.067	0.052	0.045	0.050	0.076	0.000	0.000	0.000	0.291	0.052

* #####
* St & Cnty: 24021 MY: 2030 Speed: 61.0 Month: 01 1
* File 1, Run 1, Scenario 61.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 61.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	<6000	>6000	(All)						
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.116	0.020	0.029	0.145	1.60	0.121
Composite CO :	3.89	4.10	4.10	4.10	6.29	0.276	0.136	0.171	11.97	3.831
Composite NOX :	0.090	0.147	0.204	0.164	0.211	0.037	0.081	0.719	1.52	0.191
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.062	0.071	0.065		0.020	0.029		1.310	
VOC Total Exhaust:	0.042	0.062	0.071	0.065	0.040	0.020	0.029	0.145	1.31	0.069
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.89	4.10	4.10	4.10		0.276	0.136		11.969	
CO Total Exhaust:	3.89	4.10	4.10	4.10	6.29	0.276	0.136	0.171	11.97	3.831
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.090	0.147	0.204	0.164		0.037	0.081		1.518	
NOx Total Exhaust:	0.090	0.147	0.204	0.164	0.211	0.037	0.081	0.719	1.52	0.191
Non-Exhaust Emissions (g/mi):										

					2030FRED						
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022	
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002	
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008	
Running Loss:	0.015	0.012	0.011	0.012	0.019	0.000	0.000	0.000	0.000	0.012	
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008	
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Non-Exhaust:	0.066	0.051	0.044	0.050	0.076	0.000	0.000	0.000	0.291	0.052	

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 62.0 Month: 01 1
 * File 1, Run 1, Scenario 62.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.108	0.114	0.115	0.114	0.116	0.020	0.029	0.145	1.67	0.121
Composite CO :	3.94	4.16	4.15	4.16	6.56	0.284	0.140	0.176	13.18	3.889
Composite NOX :	0.090	0.148	0.206	0.165	0.213	0.039	0.084	0.751	1.55	0.194

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.063	0.071	0.065		0.020	0.029		1.377	
VOC Total Exhaust:	0.043	0.063	0.071	0.065	0.041	0.020	0.029	0.145	1.38	0.070
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.94	4.16	4.15	4.16		0.284	0.140		13.176	
CO Total Exhaust:	3.94	4.16	4.15	4.16	6.56	0.284	0.140	0.176	13.18	3.889
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.090	0.148	0.206	0.165		0.039	0.084		1.554	
NOx Total Exhaust:	0.090	0.148	0.206	0.165	0.213	0.039	0.084	0.751	1.55	0.194

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.014	0.012	0.010	0.011	0.018	0.000	0.000	0.000	0.000	0.011
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.066	0.051	0.044	0.050	0.075	0.000	0.000	0.000	0.291	0.051

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 63.0 Month: 01 1
 * File 1, Run 1, Scenario 63.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:


```

M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.108	0.114	0.115	0.114	0.115	0.020	0.029	0.145	1.73	0.121
Composite CO :	3.99	4.21	4.20	4.21	6.82	0.291	0.143	0.180	14.35	3.946
Composite NOX :	0.091	0.149	0.207	0.166	0.214	0.040	0.088	0.782	1.59	0.198
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.063	0.072	0.066		0.020	0.029		1.442	
VOC Total Exhaust:	0.043	0.063	0.072	0.066	0.041	0.020	0.029	0.145	1.44	0.070
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.99	4.21	4.20	4.21		0.291	0.143		14.346	
CO Total Exhaust:	3.99	4.21	4.20	4.21	6.82	0.291	0.143	0.180	14.35	3.946
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.091	0.149	0.207	0.166		0.040	0.088		1.588	
NOx Total Exhaust:	0.091	0.149	0.207	0.166	0.214	0.040	0.088	0.782	1.59	0.198
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.014	0.011	0.010	0.011	0.018	0.000	0.000	0.000	0.000	0.011
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.065	0.051	0.044	0.049	0.075	0.000	0.000	0.000	0.291	0.051

* #

* St & Cnty: 24021 MY: 2030 Speed: 64.0 Month: 01 1

* File 1, Run 1, Scenario 64.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO: 64      RoadType:  Arterial
```

```
M583 Warning:
  The user supplied arterial average speed of 64.0
  will be used for all hours of the day. 100% of VMT
  has been assigned to the arterial/collector roadway
  type for all hours of the day and all vehicle types.
```

* Reading start SOAK distribution from the following external

* Reading start SOAK distribution from the following external
data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

2030FRED										
Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.108	0.114	0.115	0.114	0.115	0.020	0.029	0.145	1.80	0.122
Composite CO :	4.03	4.26	4.25	4.26	7.08	0.298	0.147	0.185	15.48	4.000
Composite NOX :	0.091	0.150	0.208	0.167	0.215	0.042	0.091	0.812	1.62	0.201
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.063	0.072	0.066		0.020	0.029		1.505	
VOC Total Exhaust:	0.043	0.063	0.072	0.066	0.041	0.020	0.029	0.145	1.51	0.071
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.03	4.26	4.25	4.26		0.298	0.147		15.479	
CO Total Exhaust:	4.03	4.26	4.25	4.26	7.08	0.298	0.147	0.185	15.48	4.000
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.091	0.150	0.208	0.167		0.042	0.091		1.622	
NOx Total Exhaust:	0.091	0.150	0.208	0.167	0.215	0.042	0.091	0.812	1.62	0.201
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.014	0.011	0.010	0.011	0.017	0.000	0.000	0.000	0.000	0.011
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.065	0.050	0.043	0.049	0.074	0.000	0.000	0.000	0.291	0.051

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 65.0 Month: 01 1
 * File 1, Run 1, Scenario 65.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.108	0.114	0.115	0.114	0.115	0.020	0.029	0.145	1.86	0.122
Composite CO :	4.08	4.31	4.30	4.31	7.32	0.305	0.150	0.189	16.58	4.053
Composite NOX :	0.092	0.151	0.210	0.168	0.217	0.043	0.095	0.841	1.65	0.204
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.064	0.072	0.066		0.020	0.029		1.567	
VOC Total Exhaust:	0.043	0.064	0.072	0.066	0.041	0.020	0.029	0.145	1.57	0.072
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.08	4.31	4.30	4.31		0.305	0.150		16.577	
CO Total Exhaust:	4.08	4.31	4.30	4.31	7.32	0.305	0.150	0.189	16.58	4.053
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.092	0.151	0.210	0.168		0.043	0.095		1.654	
NOx Total Exhaust:	0.092	0.151	0.210	0.168	0.217	0.043	0.095	0.841	1.65	0.204
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002

					2030FRED						
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.013	0.011	0.010	0.010	0.016	0.000	0.000	0.000	0.000	0.000	0.010
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.064	0.050	0.043	0.049	0.074	0.000	0.000	0.000	0.000	0.291	0.050

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 66.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 M 52 Warning:

1.00 speed increased to 2.5 mph minimum

M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7

M 48 Warning:
 there are no sales for vehicle class HDGV8a

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	

Composite Emission Factors (g/mi):

Composite VOC :	1.762	1.440	1.399	1.428	2.415	0.097	0.142	0.704	8.62	1.513
Composite CO :	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
Composite NOX :	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.845	0.85	0.306

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.214	0.309	0.373	0.327		0.097	0.142		8.332	
VOC Total Exhaust:	0.214	0.309	0.373	0.327	0.536	0.097	0.142	0.704	8.33	0.362
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.38	11.25	11.30	11.26		1.607	0.790		90.097	
CO Total Exhaust:	11.38	11.25	11.30	11.26	32.31	1.607	0.790	0.996	90.10	11.314
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.167	0.275	0.382	0.306		0.044	0.095		0.848	
NOx Total Exhaust:	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.845	0.85	0.306

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	1.498	1.092	0.992	1.063	1.822	0.000	0.000	0.000	0.000	1.111
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.549	1.132	1.026	1.109	1.879	0.000	0.000	0.000	0.291	1.151

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 67.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
 M 52 Warning:

2.00 speed increased to 2.5 mph minimum

M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 3.00 Month: 01 1
* File 1, Run 1, Scenario 68.
```

M581 Warning:
The user supplied freeway average speed of 3.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 51

Ether Blend Oxygen Content: 0.015 2030FRED
Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.380	1.134	1.109	1.127	1.942	0.093	0.136	0.676	7.58	1.204
Composite CO :	9.68	9.62	9.67	9.63	30.14	1.509	0.742	0.935	77.37	9.727
Composite NOX :	0.160	0.263	0.366	0.293	0.132	0.042	0.092	0.817	0.82	0.294

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.187	0.269	0.325	0.285		0.093	0.136		7.285	
VOC Total Exhaust:	0.187	0.269	0.325	0.285	0.500	0.093	0.136	0.676	7.28	0.321

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.68	9.62	9.67	9.63		1.509	0.742		77.366	
CO Total Exhaust:	9.68	9.62	9.67	9.63	30.14	1.509	0.742	0.935	77.37	9.727

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.160	0.263	0.366	0.293		0.042	0.092		0.819	
NOx Total Exhaust:	0.160	0.263	0.366	0.293	0.132	0.042	0.092	0.817	0.82	0.294

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	1.142	0.826	0.751	0.804	1.385	0.000	0.000	0.000	0.000	0.843
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.193	0.865	0.785	0.849	1.442	0.000	0.000	0.000	0.291	0.883

* #####

* St & Cnty: 24021 MY: 2030 Speed: 4.00 Month: 01 1

* File 1, Run 1, Scenario 69.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.902	0.751	0.747	0.750	1.350	0.089	0.129	0.640	6.27	0.817
Composite CO :	7.56	7.59	7.63	7.60	27.44	1.386	0.681	0.859	61.45	7.743
Composite NOX :	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.781	0.78	0.279

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.154	0.219	0.264	0.232		0.089	0.129		5.976	
VOC Total Exhaust:	0.154	0.219	0.264	0.232	0.454	0.089	0.129	0.640	5.98	0.269

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.56	7.59	7.63	7.60		1.386	0.681		61.451	
CO Total Exhaust:	7.56	7.59	7.63	7.60	27.44	1.386	0.681	0.859	61.45	7.743

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.152	0.249	0.346	0.277		0.040	0.088		0.783	
NOx Total Exhaust:	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.781	0.78	0.279

Non-Exhaust Emissions (g/mi):										

					2030FRED						
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022	
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002	
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008	
Running Loss:	0.697	0.493	0.450	0.481	0.839	0.000	0.000	0.000	0.000	0.508	
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008	
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Non-Exhaust:	0.748	0.533	0.483	0.522	0.896	0.000	0.000	0.000	0.291	0.548	

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 70.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.615	0.522	0.530	0.524	0.995	0.086	0.125	0.619	5.48	0.586
Composite CO :	6.28	6.37	6.40	6.38	25.81	1.312	0.645	0.813	51.90	6.552
Composite NOX :	0.147	0.241	0.334	0.268	0.135	0.039	0.085	0.760	0.76	0.270

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.134	0.189	0.228	0.200		0.086	0.125		5.191	
VOC Total Exhaust:	0.134	0.189	0.228	0.200	0.427	0.086	0.125	0.619	5.19	0.238
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.28	6.37	6.40	6.38		1.312	0.645		51.902	
CO Total Exhaust:	6.28	6.37	6.40	6.38	25.81	1.312	0.645	0.813	51.90	6.552
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.147	0.241	0.334	0.268		0.039	0.085		0.762	
NOx Total Exhaust:	0.147	0.241	0.334	0.268	0.135	0.039	0.085	0.760	0.76	0.270

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.430	0.294	0.269	0.286	0.511	0.000	0.000	0.000	0.000	0.307
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.482	0.333	0.302	0.327	0.568	0.000	0.000	0.000	0.291	0.347

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 71.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:

```

M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 7.00 Month: 01 1
* File 1, Run 1, Scenario 72.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 7.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```
M 48 Warning: User supplied VM mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.433	0.364	0.371	0.366	0.736	0.075	0.109	0.543	4.12	0.420
Composite CO :	4.72	4.83	4.86	4.84	20.88	1.079	0.531	0.669	36.49	4.979
Composite NOx :	0.117	0.192	0.267	0.213	0.139	0.035	0.077	0.686	0.72	0.222
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.096	0.135	0.163	0.143		0.075	0.109		3.829	
VOC Total Exhaust:	0.096	0.135	0.163	0.143	0.343	0.075	0.109	0.543	3.83	0.180
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.72	4.83	4.86	4.84		1.079	0.531		36.492	
CO Total Exhaust:	4.72	4.83	4.86	4.84	20.88	1.079	0.531	0.669	36.49	4.979
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.117	0.192	0.267	0.213		0.035	0.077		0.720	
NOx Total Exhaust:	0.117	0.192	0.267	0.213	0.139	0.035	0.077	0.686	0.72	0.222
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.025	0.008
Running Loss:	0.285	0.190	0.174	0.185	0.336	0.000	0.000	0.000	0.000	0.201
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.336	0.229	0.208	0.225	0.393	0.000	0.000	0.000	0.291	0.241

[illegible]

Page 55

					2030FRED						
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.240	0.157	0.145	0.154	0.281	0.000	0.000	0.000	0.000	0.000	0.167
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.291	0.197	0.178	0.193	0.338	0.000	0.000	0.000	0.000	0.291	0.207

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 74.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.332	0.277	0.283	0.279	0.592	0.069	0.101	0.501	3.36	0.329
Composite CO :	3.85	3.98	4.00	3.99	18.13	0.950	0.467	0.589	27.93	4.105
Composite NOX :	0.100	0.164	0.230	0.183	0.141	0.033	0.072	0.645	0.70	0.196

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.076	0.105	0.128	0.112		0.069	0.101		3.073	
VOC Total Exhaust:	0.076	0.105	0.128	0.112	0.296	0.069	0.101	0.501	3.07	0.147
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.98	4.00	3.99		0.950	0.467		27.931	
CO Total Exhaust:	3.85	3.98	4.00	3.99	18.13	0.950	0.467	0.589	27.93	4.105
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.100	0.164	0.230	0.183		0.033	0.072		0.696	
NOx Total Exhaust:	0.100	0.164	0.230	0.183	0.141	0.033	0.072	0.645	0.70	0.196

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.205	0.132	0.122	0.129	0.238	0.000	0.000	0.000	0.000	0.141
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.256	0.172	0.155	0.168	0.296	0.000	0.000	0.000	0.291	0.181

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 10.0 Month: 01 1
 * File 1, Run 1, Scenario 75.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:

2030FRED

there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.296	0.247	0.252	0.248	0.541	0.067	0.098	0.486	3.10	0.296
Composite CO :	3.55	3.68	3.70	3.69	17.17	0.905	0.445	0.561	24.93	3.799
Composite NOx :	0.094	0.155	0.217	0.173	0.142	0.033	0.071	0.630	0.69	0.186
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.069	0.095	0.115	0.101		0.067	0.098		2.808	
VOC Total Exhaust:	0.069	0.095	0.115	0.101	0.280	0.067	0.098	0.486	2.81	0.136
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.68	3.70	3.69		0.905	0.445		24.935	
CO Total Exhaust:	3.55	3.68	3.70	3.69	17.17	0.905	0.445	0.561	24.93	3.799
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.094	0.155	0.217	0.173		0.033	0.071		0.688	
NOx Total Exhaust:	0.094	0.155	0.217	0.173	0.142	0.033	0.071	0.630	0.69	0.186
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.176	0.112	0.103	0.109	0.204	0.000	0.000	0.000	0.000	0.121
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.228	0.151	0.137	0.148	0.261	0.000	0.000	0.000	0.291	0.161

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 11.0 Month: 01 1

* File 1, Run 1, Scenario 76.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 57					

2030FRED										
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.272	0.226	0.230	0.227	0.498	0.064	0.093	0.460	2.88	0.273
Composite CO :	3.34	3.47	3.49	3.47	15.78	0.836	0.411	0.518	22.55	3.565
Composite NOX :	0.087	0.144	0.201	0.160	0.143	0.031	0.068	0.606	0.69	0.175
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.062	0.085	0.104	0.091		0.064	0.093		2.587	
VOC Total Exhaust:	0.062	0.085	0.104	0.091	0.256	0.064	0.093	0.460	2.59	0.124
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.34	3.47	3.49	3.47		0.836	0.411		22.551	
CO Total Exhaust:	3.34	3.47	3.49	3.47	15.78	0.836	0.411	0.518	22.55	3.565
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.087	0.144	0.201	0.160		0.031	0.068		0.693	
NOx Total Exhaust:	0.087	0.144	0.201	0.160	0.143	0.031	0.068	0.606	0.69	0.175
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.159	0.101	0.093	0.099	0.185	0.000	0.000	0.000	0.000	0.109
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.211	0.141	0.127	0.138	0.242	0.000	0.000	0.000	0.291	0.149

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 77.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7

M 48 Warning:
 there are no sales for vehicle class HDGV8a

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.252	0.209	0.212	0.210	0.461	0.061	0.088	0.438	2.69	0.253
Composite CO :	3.16	3.29	3.31	3.30	14.62	0.779	0.383	0.483	20.57	3.369
Composite NOX :	0.082	0.134	0.188	0.150	0.145	0.030	0.066	0.586	0.70	0.165
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.056	0.077	0.094	0.082		0.061	0.088		2.402	
VOC Total Exhaust:	0.056	0.077	0.094	0.082	0.236	0.061	0.088	0.438	2.40	0.114
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.29	3.31	3.30		0.779	0.383		20.565	
CO Total Exhaust:	3.16	3.29	3.31	3.30	14.62	0.779	0.383	0.483	20.57	3.369
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.082	0.134	0.188	0.150		0.030	0.066		0.696	
NOx Total Exhaust:	0.082	0.134	0.188	0.150	0.145	0.030	0.066	0.586	0.70	0.165
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.145	0.092	0.085	0.090	0.168	0.000	0.000	0.000	0.000	0.099


```

      there are no sales for vehicle class HDGB
M 48 Warning:
      there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.221	0.182	0.184	0.182	0.404	0.056	0.081	0.404	2.40	0.223
Composite CO :	2.89	3.01	3.03	3.02	12.80	0.689	0.339	0.427	17.44	3.063
Composite NOx :	0.073	0.119	0.168	0.133	0.147	0.029	0.062	0.554	0.70	0.150
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.047	0.065	0.079	0.069		0.056	0.081		2.111	
VOC Total Exhaust:	0.047	0.065	0.079	0.069	0.204	0.056	0.081	0.404	2.11	0.099
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.89	3.01	3.03	3.02		0.689	0.339		17.444	
CO Total Exhaust:	2.89	3.01	3.03	3.02	12.80	0.689	0.339	0.427	17.44	3.063
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.073	0.119	0.168	0.133		0.029	0.062		0.702	
NOx Total Exhaust:	0.073	0.119	0.168	0.133	0.147	0.029	0.062	0.554	0.70	0.150
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.025	0.008
Running Loss:	0.123	0.078	0.072	0.076	0.143	0.000	0.000	0.000	0.000	0.084
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.174	0.117	0.105	0.115	0.200	0.000	0.000	0.000	0.291	0.124

The user supplied freeway average speed of 15.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M 48 Warning:

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						


```
there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 19.0 Month: 01 1
* File 1, Run 1, Scenario 84.
* #####
```

M581 Warning:
The user supplied freeway average speed of 19.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```
M 48 Warning: user supplied vln max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 63

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.163	0.143	0.145	0.144	0.279	0.044	0.064	0.320	1.91	0.172
Composite CO :	2.69	2.80	2.81	2.81	8.97	0.493	0.242	0.305	12.17	2.760
Composite NOx :	0.072	0.118	0.166	0.132	0.155	0.025	0.054	0.483	0.77	0.144
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.056	0.068	0.059		0.044	0.064		1.620	
VOC Total Exhaust:	0.040	0.056	0.068	0.059	0.136	0.044	0.064	0.320	1.62	0.081
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.69	2.80	2.81	2.81		0.493	0.242		12.172	
CO Total Exhaust:	2.69	2.80	2.81	2.81	8.97	0.493	0.242	0.305	12.17	2.760
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.072	0.118	0.166	0.132		0.025	0.054		0.769	
NOx Total Exhaust:	0.072	0.118	0.166	0.132	0.155	0.025	0.054	0.483	0.77	0.144
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.072	0.048	0.043	0.047	0.086	0.000	0.000	0.000	0.000	0.050
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.123	0.087	0.077	0.085	0.143	0.000	0.000	0.000	0.291	0.090

2030FRED

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 21.0 Month: 01 1
* File 1, Run 1, Scenario 86.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 21.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	
Composite Emission Factors (g/mi):										
Composite VOC :	0.159	0.140	0.142	0.141	0.267	0.043	0.062	0.308	1.86	0.168
Composite CO :	2.67	2.79	2.80	2.79	8.51	0.468	0.230	0.290	11.58	2.734
Composite NOX :	0.072	0.119	0.167	0.132	0.157	0.024	0.053	0.474	0.79	0.144
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.055	0.067	0.059		0.043	0.062		1.565	
VOC Total Exhaust:	0.040	0.055	0.067	0.059	0.128	0.043	0.062	0.308	1.57	0.080
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.67	2.79	2.80	2.79		0.468	0.230		11.585	
CO Total Exhaust:	2.67	2.79	2.80	2.79	8.51	0.468	0.230	0.290	11.58	2.734
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.072	0.119	0.167	0.132		0.024	0.053		0.787	
NOx Total Exhaust:	0.072	0.119	0.167	0.132	0.157	0.024	0.053	0.474	0.79	0.144
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.068	0.046	0.041	0.044	0.082	0.000	0.000	0.000	0.000	0.048
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.119	0.085	0.075	0.083	0.139	0.000	0.000	0.000	0.291	0.088

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 22.0 Month: 01 1
* File 1, Run 1, Scenario 87.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 22.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

2030FRED
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.156	0.138	0.139	0.138	0.255	0.041	0.060	0.296	1.81	0.164
Composite CO :	2.66	2.78	2.79	2.78	8.09	0.446	0.219	0.276	11.05	2.710
Composite NOx :	0.072	0.119	0.167	0.133	0.158	0.024	0.052	0.466	0.80	0.144
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.055	0.066	0.058		0.041	0.060		1.515	
VOC Total Exhaust:	0.039	0.055	0.066	0.058	0.120	0.041	0.060	0.296	1.52	0.078
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.66	2.78	2.79	2.78		0.446	0.219		11.051	
CO Total Exhaust:	2.66	2.78	2.79	2.78	8.09	0.446	0.219	0.276	11.05	2.710
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.072	0.119	0.167	0.133		0.024	0.052		0.805	
NOx Total Exhaust:	0.072	0.119	0.167	0.133	0.158	0.024	0.052	0.466	0.80	0.144
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.065	0.044	0.040	0.042	0.078	0.000	0.000	0.000	0.000	0.046
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.116	0.083	0.073	0.081	0.135	0.000	0.000	0.000	0.291	0.086

* #####
* St & Cnty: 24021 MY: 2030 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 88.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.153	0.136	0.137	0.136	0.245	0.040	0.058	0.286	1.76	0.161

Page 66

2030FRED

* St & Cnty: 24021 MY: 2030 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 90.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	
Composite Emission Factors (g/mi):										
Composite VOC :	0.147	0.132	0.133	0.132	0.227	0.037	0.054	0.268	1.68	0.154
Composite CO :	2.63	2.74	2.75	2.75	7.03	0.390	0.192	0.241	9.71	2.649
Composite NOX :	0.073	0.121	0.169	0.135	0.162	0.023	0.050	0.445	0.85	0.144
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.065	0.057		0.037	0.054		1.389	
VOC Total Exhaust:	0.038	0.054	0.065	0.057	0.101	0.037	0.054	0.268	1.39	0.074
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.63	2.74	2.75	2.75		0.390	0.192		9.706	
CO Total Exhaust:	2.63	2.74	2.75	2.75	7.03	0.390	0.192	0.241	9.71	2.649
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.073	0.121	0.169	0.135		0.023	0.050		0.848	
NOx Total Exhaust:	0.073	0.121	0.169	0.135	0.162	0.023	0.050	0.445	0.85	0.144
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.058	0.038	0.035	0.037	0.069	0.000	0.000	0.000	0.000	0.041
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.109	0.078	0.069	0.076	0.126	0.000	0.000	0.000	0.291	0.081

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 91.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

2030FRED

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.145	0.130	0.131	0.130	0.219	0.036	0.052	0.259	1.64	0.152
Composite CO :	2.62	2.73	2.75	2.74	6.76	0.374	0.184	0.232	9.29	2.633
Composite NOX :	0.073	0.121	0.170	0.135	0.164	0.023	0.050	0.441	0.86	0.144
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.064	0.056		0.036	0.052		1.349	
VOC Total Exhaust:	0.038	0.053	0.064	0.056	0.096	0.036	0.052	0.259	1.35	0.073
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.62	2.73	2.75	2.74		0.374	0.184		9.294	
CO Total Exhaust:	2.62	2.73	2.75	2.74	6.76	0.374	0.184	0.232	9.29	2.633
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.073	0.121	0.170	0.135		0.023	0.050		0.865	
NOx Total Exhaust:	0.073	0.121	0.170	0.135	0.164	0.023	0.050	0.441	0.86	0.144
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.055	0.037	0.034	0.036	0.066	0.000	0.000	0.000	0.000	0.039
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.107	0.076	0.067	0.075	0.123	0.000	0.000	0.000	0.291	0.079

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1

* File 1, Run 1, Scenario 92.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.142	0.128	0.130	0.129	0.212	0.035	0.051	0.251	1.60	0.149
Composite CO :	2.61	2.73	2.74	2.73	6.50	0.360	0.177	0.223	8.91	2.617
Composite NOX :	0.074	0.121	0.170	0.135	0.165	0.023	0.049	0.437	0.88	0.145

2030FRED

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.064	0.056		0.035	0.051		1.312	
VOC Total Exhaust:	0.038	0.053	0.064	0.056	0.091	0.035	0.051	0.251	1.31	0.071
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.61	2.73	2.74	2.73		0.360	0.177		8.913	
CO Total Exhaust:	2.61	2.73	2.74	2.73	6.50	0.360	0.177	0.223	8.91	2.617
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.121	0.170	0.135		0.023	0.049		0.881	
NOx Total Exhaust:	0.074	0.121	0.170	0.135	0.165	0.023	0.049	0.437	0.88	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.053	0.036	0.032	0.035	0.064	0.000	0.000	0.000	0.000	0.038
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.104	0.075	0.066	0.073	0.121	0.000	0.000	0.000	0.291	0.078

* #####

* St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1

* File 1, Run 1, Scenario 93.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 28.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.140	0.126	0.128	0.127	0.205	0.034	0.049	0.244	1.57	0.147
Composite CO :	2.60	2.72	2.73	2.72	6.26	0.346	0.170	0.215	8.56	2.603
Composite NOX :	0.074	0.122	0.171	0.136	0.166	0.022	0.049	0.433	0.90	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.063	0.056		0.034	0.049		1.277	
VOC Total Exhaust:	0.038	0.053	0.063	0.056	0.086	0.034	0.049	0.244	1.28	0.070
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.60	2.72	2.73	2.72		0.346	0.170		8.559	
CO Total Exhaust:	2.60	2.72	2.73	2.72	6.26	0.346	0.170	0.215	8.56	2.603
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.171	0.136		0.022	0.049		0.895	
NOx Total Exhaust:	0.074	0.122	0.171	0.136	0.166	0.022	0.049	0.433	0.90	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.051	0.034	0.031	0.033	0.061	0.000	0.000	0.000	0.000	0.036
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.102	0.074	0.065	0.072	0.118	0.000	0.000	0.000	0.291	0.076

* #####

* St & Cnty: 24021 MY: 2030 Speed: 29.0 Month: 01 1

* File 1, Run 1, Scenario 94.

2030FRED

Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.136	0.124	0.125	0.124	0.192	0.032	0.046	0.230	1.51	0.142
Composite CO :	2.59	2.70	2.71	2.71	5.83	0.322	0.158	0.200	7.92	2.577
Composite NOX :	0.074	0.122	0.171	0.136	0.169	0.022	0.048	0.426	0.92	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.063	0.055		0.032	0.046		1.215	
VOC Total Exhaust:	0.037	0.052	0.063	0.055	0.078	0.032	0.046	0.230	1.22	0.069
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.59	2.70	2.71	2.71		0.322	0.158		7.922	
CO Total Exhaust:	2.59	2.70	2.71	2.71	5.83	0.322	0.158	0.200	7.92	2.577
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.171	0.136		0.022	0.048		0.921	
NOx Total Exhaust:	0.074	0.122	0.171	0.136	0.169	0.022	0.048	0.426	0.92	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.048	0.032	0.029	0.031	0.057	0.000	0.000	0.000	0.000	0.034
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.099	0.072	0.063	0.070	0.114	0.000	0.000	0.000	0.291	0.074

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1

* File 1, Run 1, Scenario 96.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.134	0.122	0.124	0.123	0.187	0.031	0.045	0.224	1.48	0.140
Composite CO :	2.60	2.72	2.73	2.72	5.67	0.313	0.154	0.194	7.62	2.581
Composite NOX :	0.074	0.122	0.172	0.137	0.170	0.022	0.048	0.425	0.93	0.145

Exhaust emissions (g/mi):

2030FRED										
VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
VOC Running:	0.037	0.052	0.062	0.055	0.031	0.045	0.031	0.045	0.045	1.185
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.075	0.031	0.045	0.224	0.045	0.068
CO Start:	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	
CO Running:	2.60	2.72	2.73	2.72	0.313	0.154	0.313	0.154	0.154	7.623
CO Total Exhaust:	2.60	2.72	2.73	2.72	5.67	0.313	0.154	0.194	0.154	2.581
NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NOx Running:	0.074	0.122	0.172	0.137	0.022	0.048	0.022	0.048	0.048	0.934
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.170	0.022	0.048	0.425	0.048	0.145

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.046	0.031	0.028	0.030	0.055	0.000	0.000	0.000	0.000	0.032
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.097	0.070	0.062	0.069	0.112	0.000	0.000	0.000	0.291	0.072

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 97.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000	

Composite Emission Factors (g/mi):										
Composite VOC :	0.132	0.121	0.123	0.122	0.182	0.030	0.044	0.218	1.45	0.138
Composite CO :	2.61	2.73	2.74	2.73	5.52	0.303	0.149	0.188	7.34	2.585
Composite NOX :	0.074	0.122	0.172	0.137	0.172	0.022	0.048	0.424	0.95	0.145

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
VOC Running:	0.037	0.052	0.062	0.055	0.030	0.044	0.030	0.044	0.044	1.157
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.072	0.030	0.044	0.218	0.044	0.067
CO Start:	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	
CO Running:	2.61	2.73	2.74	2.73	0.303	0.149	0.303	0.149	0.149	7.343
CO Total Exhaust:	2.61	2.73	2.74	2.73	5.52	0.303	0.149	0.188	0.149	2.585
NOx Start:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NOx Running:	0.074	0.122	0.172	0.137	0.022	0.048	0.022	0.048	0.048	0.946
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.172	0.022	0.048	0.424	0.048	0.145

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.044	0.030	0.027	0.029	0.053	0.000	0.000	0.000	0.000	0.031
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.095	0.069	0.061	0.068	0.110	0.000	0.000	0.000	0.291	0.071

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 98.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
 Page 73

M581 Warning:
The user supplied freeway average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```
data file: E:\AQI\K00\MOBILE02\00MDC
M615 Comment: User supplied VMT mix.
```

```
M 48 Warning: user supplied vmi max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDdT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.131	0.120	0.122	0.121	0.177	0.029	0.043	0.212	1.42	0.137
Composite CO :	2.61	2.73	2.74	2.74	5.37	0.295	0.145	0.183	7.08	2.588
Composite NOx :	0.074	0.122	0.172	0.137	0.173	0.022	0.048	0.423	0.96	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.029	0.043		1.130	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.069	0.029	0.043	0.212	1.13	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.61	2.73	2.74	2.74		0.295	0.145		7.080	
CO Total Exhaust:	2.61	2.73	2.74	2.74	5.37	0.295	0.145	0.183	7.08	2.588
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.172	0.137		0.022	0.048		0.957	
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.173	0.022	0.048	0.423	0.96	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.042	0.029	0.026	0.028	0.051	0.000	0.000	0.000	0.000	0.030
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.094	0.069	0.060	0.067	0.108	0.000	0.000	0.000	0.291	0.070

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 34.0 Month: 01 1
* File 1, Run 1, Scenario 99.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
```

M581 Warning:
The user supplied freeway average speed of 34.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```
data file: E:\AQPROG\MOBILE02\00MDC
M615 Comment:
User supplied VMT mix.
```

```
M 48 Warning: User supplied VM mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

data read from file E:\AQFR05\
    Calendar Year: 2030
                Month: Jan.
                Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)

```

2030FRED

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.129	0.119	0.121	0.120	0.172	0.029	0.042	0.207	1.40	0.135
Composite CO :	2.62	2.74	2.75	2.75	5.24	0.287	0.141	0.178	6.83	2.591
Composite NOX :	0.074	0.122	0.172	0.137	0.174	0.022	0.048	0.423	0.97	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.029	0.042		1.105	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.066	0.029	0.042	0.207	1.10	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.62	2.74	2.75	2.75		0.287	0.141		6.833	
CO Total Exhaust:	2.62	2.74	2.75	2.75	5.24	0.287	0.141	0.178	6.83	2.591
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.172	0.137		0.022	0.048		0.968	
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.174	0.022	0.048	0.423	0.97	0.145
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.041	0.028	0.026	0.027	0.049	0.000	0.000	0.000	0.000	0.029
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.092	0.068	0.059	0.066	0.106	0.000	0.000	0.000	0.291	0.069

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 100.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.127	0.118	0.120	0.119	0.168	0.028	0.041	0.202	1.37	0.133
Composite CO :	2.63	2.75	2.76	2.75	5.11	0.279	0.137	0.173	6.60	2.594
Composite NOX :	0.074	0.122	0.172	0.137	0.176	0.022	0.047	0.422	0.98	0.145
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.028	0.041		1.081	

	0.037	0.052	0.062	0.055	2030FRED 0.063	0.028	0.041	0.202	1.08	0.065
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.063	0.028	0.041	0.202	1.08	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.63	2.75	2.76	2.75		0.279	0.137		6.599	
CO Total Exhaust:	2.63	2.75	2.76	2.75	5.11	0.279	0.137	0.173	6.60	2.594
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.074	0.122	0.172	0.137		0.022	0.047		0.978	
NOx Total Exhaust:	0.074	0.122	0.172	0.137	0.176	0.022	0.047	0.422	0.98	0.145

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.040	0.027	0.025	0.027	0.048	0.000	0.000	0.000	0.000	0.028
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.091	0.067	0.058	0.065	0.105	0.000	0.000	0.000	0.291	0.068

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 101.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.126	0.118	0.120	0.119	0.164	0.027	0.040	0.197	1.35	0.132
Composite CO :	2.68	2.81	2.82	2.81	5.02	0.273	0.134	0.169	6.40	2.642
Composite NOX :	0.075	0.123	0.173	0.138	0.177	0.022	0.048	0.424	0.99	0.146

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.027	0.040		1.060	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.061	0.027	0.040	0.197	1.06	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.68	2.81	2.82	2.81		0.273	0.134		6.395	
CO Total Exhaust:	2.68	2.81	2.82	2.81	5.02	0.273	0.134	0.169	6.40	2.642
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.075	0.123	0.173	0.138		0.022	0.048		0.986	
NOx Total Exhaust:	0.075	0.123	0.173	0.138	0.177	0.022	0.048	0.424	0.99	0.146

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.038	0.027	0.024	0.026	0.046	0.000	0.000	0.000	0.000	0.027
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.089	0.066	0.058	0.064	0.103	0.000	0.000	0.000	0.291	0.067

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 102.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 37.0

will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M615 Comment: User supplied VMT mix.

```
M 48 Warning:      there are no sales for vehicle class HDGV7
```

```

there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a

```

```

there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b

```

```

M 48 Warning:
    there are no sales for vehicle class HDGB

```

```

M 48 Warning:
    there are no sales for vehicle class LDDT34

```

```

Data File Name: E:\Data\KROK\MOBILE
Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.125	0.118	0.119	0.118	0.160	0.027	0.039	0.193	1.33	0.131
Composite CO :	2.73	2.86	2.87	2.87	4.94	0.268	0.132	0.166	6.20	2.687
Composite NOx :	0.075	0.124	0.174	0.139	0.179	0.022	0.048	0.427	0.99	0.147
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.053	0.062	0.055		0.027	0.039		1.040	
VOC Total Exhaust:	0.037	0.053	0.062	0.055	0.059	0.027	0.039	0.193	1.04	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.73	2.86	2.87	2.87		0.268	0.132		6.202	
CO Total Exhaust:	2.73	2.86	2.87	2.87	4.94	0.268	0.132	0.166	6.20	2.687
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.075	0.124	0.174	0.139		0.022	0.048		0.994	
NOx Total Exhaust:	0.075	0.124	0.174	0.139	0.179	0.022	0.048	0.427	0.99	0.147
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.037	0.026	0.023	0.025	0.044	0.000	0.000	0.000	0.000	0.027
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.088	0.065	0.057	0.064	0.101	0.000	0.000	0.000	0.291	0.067

* St & Cnty: 24021 MY: 2030 Speed: 38.0 Month: 01 1

* File 1, Run 1, Scenario 103.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Non-Ramp      SCENARIO: 103      RoadType: Non-Ramp
```

M581 Warning: The user supplied freeway average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

M615 Comment: User supplied VMT mix.

```
M 48 Warning:      there are no sales for vehicle class HDGV7
```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8a

```

```

M 48 Warning:
      there are no sales for vehicle class HDGV8b

```

```

M 48 Warning:
    there are no sales for vehicle class HDGB

```

```

M 48 Warning:
there are no sales for vehicle class LDDT34

```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi

```

2030FRED

Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.124	0.117	0.119	0.118	0.157	0.026	0.038	0.188	1.31	0.130
Composite CO :	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.730
Composite NOX :	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.429	1.00	0.148
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.053	0.063	0.056		0.026	0.038		1.021	
VOC Total Exhaust:	0.037	0.053	0.063	0.056	0.057	0.026	0.038	0.188	1.02	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.78	2.92	2.92	2.92		0.262	0.129		6.019	
CO Total Exhaust:	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.730
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.125	0.175	0.139		0.022	0.048		1.001	
NOx Total Exhaust:	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.429	1.00	0.148
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.035	0.025	0.023	0.024	0.043	0.000	0.000	0.000	0.000	0.026
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.087	0.064	0.056	0.063	0.100	0.000	0.000	0.000	0.291	0.066

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 39.0 Month: 01 1

* File 1, Run 1, Scenario 104.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.123	0.117	0.119	0.118	0.153	0.025	0.037	0.184	1.29	0.129
Composite CO :	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.770
Composite NOX :	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.431	1.01	0.149
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.063	0.056		0.025	0.037		1.003	
VOC Total Exhaust:	0.038	0.053	0.063	0.056	0.055	0.025	0.037	0.184	1.00	0.064

					2030FRED					
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.83	2.96	2.97	2.97		0.258	0.127		5.846	
CO Total Exhaust:	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.770
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.076	0.126	0.176	0.140		0.022	0.048		1.009	
NOx Total Exhaust:	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.431	1.01	0.149

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.034	0.024	0.022	0.024	0.041	0.000	0.000	0.000	0.000	0.025
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.085	0.064	0.056	0.062	0.098	0.000	0.000	0.000	0.291	0.065

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 105.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.122	0.117	0.118	0.117	0.150	0.025	0.036	0.181	1.28	0.129
Composite CO :	2.87	3.01	3.02	3.01	4.73	0.253	0.124	0.157	5.68	2.809
Composite NOX :	0.077	0.126	0.177	0.141	0.183	0.022	0.049	0.433	1.02	0.150

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.063	0.056		0.025	0.036		0.986	
VOC Total Exhaust:	0.038	0.054	0.063	0.056	0.053	0.025	0.036	0.181	0.99	0.064
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.87	3.01	3.02	3.01		0.253	0.124		5.681	
CO Total Exhaust:	2.87	3.01	3.02	3.01	4.73	0.253	0.124	0.157	5.68	2.809
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.077	0.126	0.177	0.141		0.022	0.049		1.015	
NOx Total Exhaust:	0.077	0.126	0.177	0.141	0.183	0.022	0.049	0.433	1.02	0.150

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.033	0.024	0.021	0.023	0.040	0.000	0.000	0.000	0.000	0.024
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.084	0.063	0.055	0.061	0.097	0.000	0.000	0.000	0.291	0.064

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 106.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for

all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.121	0.117	0.118	0.117	0.147	0.025	0.036	0.177	1.27	0.128
Composite CO :	2.92	3.07	3.07	3.07	4.70	0.250	0.123	0.155	5.55	2.858
Composite NOX :	0.078	0.128	0.178	0.142	0.184	0.023	0.049	0.439	1.02	0.151
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.064	0.057		0.025	0.036		0.974	
VOC Total Exhaust:	0.038	0.054	0.064	0.057	0.052	0.025	0.036	0.177	0.97	0.064
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.92	3.07	3.07	3.07		0.250	0.123		5.553	
CO Total Exhaust:	2.92	3.07	3.07	3.07	4.70	0.250	0.123	0.155	5.55	2.858
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.078	0.128	0.178	0.142		0.023	0.049		1.022	
NOx Total Exhaust:	0.078	0.128	0.178	0.142	0.184	0.023	0.049	0.439	1.02	0.151
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.032	0.023	0.021	0.022	0.039	0.000	0.000	0.000	0.000	0.023
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.083	0.062	0.054	0.061	0.096	0.000	0.000	0.000	0.291	0.063

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1

* File 1, Run 1, Scenario 107.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2030FRED

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.120	0.116	0.118	0.117	0.144	0.024	0.035	0.174	1.25	0.127
Composite CO :	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	2.904
Composite NOX :	0.078	0.129	0.180	0.143	0.185	0.023	0.050	0.445	1.03	0.152

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.057		0.024	0.035		0.963	
VOC Total Exhaust:	0.038	0.055	0.064	0.057	0.050	0.024	0.035	0.174	0.96	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.97	3.12	3.13	3.12		0.247	0.122		5.432	
CO Total Exhaust:	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	2.904

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.078	0.129	0.180	0.143		0.023	0.050		1.028	
NOx Total Exhaust:	0.078	0.129	0.180	0.143	0.185	0.023	0.050	0.445	1.03	0.152

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.030	0.022	0.020	0.022	0.037	0.000	0.000	0.000	0.000	0.023
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.082	0.062	0.054	0.060	0.094	0.000	0.000	0.000	0.291	0.063

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1

* File 1, Run 1, Scenario 108.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.119	0.116	0.118	0.117	0.142	0.024	0.034	0.171	1.24	0.126
Composite CO :	3.02	3.17	3.18	3.18	4.66	0.245	0.120	0.152	5.32	2.949
Composite NOX :	0.079	0.130	0.181	0.144	0.187	0.023	0.051	0.450	1.03	0.154

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.058		0.024	0.034		0.952	
VOC Total Exhaust:	0.038	0.055	0.064	0.058	0.049	0.024	0.034	0.171	0.95	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.02	3.17	3.18	3.18		0.245	0.120		5.317	


```
* Reading start SOAK distribution from the following external
data file: E:\AQPROG\MOBILE62\B6MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 46.0 Month: 01 1
* File 1, Run 1, Scenario 111.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 46.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\0PMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Page 83

2030FRED

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.116	0.116	0.117	0.116	0.135	0.023	0.033	0.163	1.22	0.124
Composite CO :	3.16	3.33	3.33	3.33	4.66	0.239	0.118	0.148	5.05	3.081
Composite NOX :	0.080	0.132	0.185	0.148	0.191	0.024	0.053	0.471	1.06	0.158

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.056	0.065	0.059		0.023	0.033		0.928	
VOC Total Exhaust:	0.039	0.056	0.065	0.059	0.046	0.023	0.033	0.163	0.93	0.064

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.33	3.33	3.33		0.239	0.118		5.049	
CO Total Exhaust:	3.16	3.33	3.33	3.33	4.66	0.239	0.118	0.148	5.05	3.081

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.080	0.132	0.185	0.148		0.024	0.053		1.064	
NOx Total Exhaust:	0.080	0.132	0.185	0.148	0.191	0.024	0.053	0.471	1.06	0.158

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.026	0.020	0.018	0.019	0.032	0.000	0.000	0.000	0.000	0.020
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.077	0.059	0.052	0.058	0.089	0.000	0.000	0.000	0.291	0.060

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 47.0 Month: 01 1

* File 1, Run 1, Scenario 112.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.115	0.115	0.117	0.116	0.133	0.022	0.032	0.161	1.22	0.124
Composite CO :	3.21	3.38	3.38	3.38	4.69	0.239	0.117	0.148	5.00	3.129
Composite NOX :	0.081	0.133	0.186	0.149	0.192	0.025	0.054	0.481	1.08	0.160

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.039	0.057	0.066	0.059		0.022	0.032		0.924	
VOC Total Exhaust:	0.039	0.057	0.066	0.059	0.045	0.022	0.032	0.161	0.92	0.065

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.21	3.38	3.38	3.38		0.239	0.117		5.000	
CO Total Exhaust:	3.21	3.38	3.38	3.38	4.69	0.239	0.117	0.148	5.00	3.129

					2030FRED					
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.081	0.133	0.186	0.149		0.025	0.054		1.082	
NOx Total Exhaust:	0.081	0.133	0.186	0.149	0.192	0.025	0.054	0.481	1.08	0.160

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.025	0.019	0.018	0.019	0.031	0.000	0.000	0.000	0.000	0.019
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.076	0.059	0.051	0.057	0.088	0.000	0.000	0.000	0.291	0.059

* #####

* St & Cnty: 24021 MY: 2030 Speed: 48.0 Month: 01 1

* File 1, Run 1, Scenario 113.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 48.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.115	0.115	0.117	0.116	0.131	0.022	0.032	0.159	1.21	0.123
Composite CO :	3.26	3.43	3.44	3.43	4.72	0.239	0.117	0.148	4.95	3.175
Composite NOX :	0.082	0.134	0.187	0.150	0.194	0.025	0.055	0.490	1.10	0.161

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.057	0.066	0.060		0.022	0.032		0.921	
VOC Total Exhaust:	0.040	0.057	0.066	0.060	0.044	0.022	0.032	0.159	0.92	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.26	3.43	3.44	3.43		0.239	0.117		4.953	
CO Total Exhaust:	3.26	3.43	3.44	3.43	4.72	0.239	0.117	0.148	4.95	3.175
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.082	0.134	0.187	0.150		0.025	0.055		1.100	
NOx Total Exhaust:	0.082	0.134	0.187	0.150	0.194	0.025	0.055	0.490	1.10	0.161

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.024	0.019	0.017	0.018	0.030	0.000	0.000	0.000	0.000	0.019
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.075	0.058	0.051	0.057	0.087	0.000	0.000	0.000	0.291	0.059

* #####

* St & Cnty: 24021 MY: 2030 Speed: 49.0 Month: 01 1

* File 1, Run 1, Scenario 114.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 49.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment: User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.114	0.115	0.117	0.116	0.129	0.022	0.032	0.157	1.21	0.123
Composite CO :	3.31	3.48	3.48	3.48	4.75	0.238	0.117	0.148	4.91	3.219
Composite NOx :	0.082	0.135	0.189	0.151	0.195	0.026	0.056	0.499	1.12	0.163
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.057	0.067	0.060		0.022	0.032		0.917	
VOC Total Exhaust:	0.040	0.057	0.067	0.060	0.043	0.022	0.032	0.157	0.92	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.31	3.48	3.48	3.48		0.238	0.117		4.907	
CO Total Exhaust:	3.31	3.48	3.48	3.48	4.75	0.238	0.117	0.148	4.91	3.219
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.082	0.135	0.189	0.151		0.026	0.056		1.118	
NOx Total Exhaust:	0.082	0.135	0.189	0.151	0.195	0.026	0.056	0.499	1.12	0.163
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.025	0.008
Running Loss:	0.023	0.018	0.016	0.018	0.029	0.000	0.000	0.000	0.000	0.018
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.074	0.058	0.050	0.056	0.086	0.000	0.000	0.000	0.291	0.050

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 50.0 Month: 01 1
* File 1, Run 1, Scenario 115.
```

```
*#####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 50.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```
data file: E:\Mq-RSC\MOBILE02\CONSD
M615 Comment:
        User supplied VMT mix.
```

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust	I/M	Program:	Yes
Evap	I/M	Program:	Yes
	ATP	Program:	Yes

2030FRED

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.113	0.115	0.116	0.115	0.127	0.021	0.031	0.155	1.21	0.122
Composite CO :	3.35	3.53	3.53	3.53	4.77	0.238	0.117	0.147	4.86	3.262
Composite NOX :	0.083	0.136	0.190	0.152	0.196	0.026	0.057	0.508	1.13	0.164
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.058	0.067	0.060		0.021	0.031		0.914	
VOC Total Exhaust:	0.040	0.058	0.067	0.060	0.042	0.021	0.031	0.155	0.91	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.35	3.53	3.53	3.53		0.238	0.117		4.864	
CO Total Exhaust:	3.35	3.53	3.53	3.53	4.77	0.238	0.117	0.147	4.86	3.262
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.083	0.136	0.190	0.152		0.026	0.057		1.134	
NOx Total Exhaust:	0.083	0.136	0.190	0.152	0.196	0.026	0.057	0.508	1.13	0.164
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.022	0.018	0.016	0.017	0.028	0.000	0.000	0.000	0.000	0.017
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.073	0.057	0.050	0.056	0.085	0.000	0.000	0.000	0.291	0.057

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 51.0 Month: 01 1

* File 1, Run 1, Scenario 116.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823	-----	0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.113	0.115	0.116	0.115	0.126	0.021	0.031	0.153	1.21	0.122
Composite CO :	3.41	3.59	3.59	3.59	4.87	0.240	0.118	0.149	4.86	3.313
Composite NOX :	0.083	0.137	0.191	0.153	0.198	0.027	0.059	0.523	1.17	0.166
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.058	0.067	0.061		0.021	0.031		0.914	
VOC Total Exhaust:	0.040	0.058	0.067	0.061	0.042	0.021	0.031	0.153	0.91	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.41	3.59	3.59	3.59		0.240	0.118		4.864	
CO Total Exhaust:	3.41	3.59	3.59	3.59	4.87	0.240	0.118	0.149	4.86	3.313
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.083	0.137	0.191	0.153		0.027	0.059		1.171	

NOx Total Exhaust:	0.083	0.137	0.191	0.153	2030FRED 0.198	0.027	0.059	0.523	1.17	0.166

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.021	0.017	0.015	0.017	0.027	0.000	0.000	0.000	0.000	0.017
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.072	0.056	0.049	0.055	0.084	0.000	0.000	0.000	0.291	0.057

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 52.0 Month: 01 1
 * File 1, Run 1, Scenario 117.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.112	0.114	0.116	0.115	0.124	0.021	0.031	0.152	1.21	0.121
Composite CO :	3.46	3.64	3.64	3.64	4.96	0.242	0.119	0.150	4.86	3.362
Composite NOx :	0.084	0.138	0.193	0.154	0.199	0.028	0.061	0.538	1.21	0.169

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.059	0.068	0.061		0.021	0.031		0.914	
VOC Total Exhaust:	0.040	0.059	0.068	0.061	0.042	0.021	0.031	0.152	0.91	0.065
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.46	3.64	3.64	3.64		0.242	0.119		4.864	
CO Total Exhaust:	3.46	3.64	3.64	3.64	4.96	0.242	0.119	0.150	4.86	3.362
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.084	0.138	0.193	0.154		0.028	0.061		1.207	
NOx Total Exhaust:	0.084	0.138	0.193	0.154	0.199	0.028	0.061	0.538	1.21	0.169

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.020	0.016	0.015	0.016	0.026	0.000	0.000	0.000	0.000	0.016
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.072	0.056	0.048	0.054	0.083	0.000	0.000	0.000	0.291	0.056

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 118.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.112	0.114	0.116	0.115	0.123	0.021	0.030	0.151	1.21	0.121
Composite CO :	3.50	3.69	3.69	3.69	5.05	0.244	0.120	0.151	4.86	3.410
Composite NOX :	0.085	0.139	0.194	0.155	0.200	0.029	0.062	0.553	1.24	0.171
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.059	0.068	0.062		0.021	0.030		0.914	
VOC Total Exhaust:	0.041	0.059	0.068	0.062	0.041	0.021	0.030	0.151	0.91	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.50	3.69	3.69	3.69		0.244	0.120		4.864	
CO Total Exhaust:	3.50	3.69	3.69	3.69	5.05	0.244	0.120	0.151	4.86	3.410
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.085	0.139	0.194	0.155		0.029	0.062		1.242	
NOx Total Exhaust:	0.085	0.139	0.194	0.155	0.200	0.029	0.062	0.553	1.24	0.171
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.020	0.016	0.014	0.015	0.025	0.000	0.000	0.000	0.000	0.015
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.071	0.055	0.048	0.054	0.082	0.000	0.000	0.000	0.291	0.050

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 54.0 Month: 01 1
* File 1, Run 1, Scenario 119.
* # # # # # # # # # # # # # # # # # # # # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 54.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types,
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```

M615 Comment:
                User supplied VMT mix.

```

```
M 48 Warning: user supplied vlim max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

2030FRED
 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.111	0.114	0.116	0.115	0.122	0.021	0.030	0.149	1.21	0.121
Composite CO :	3.55	3.74	3.74	3.74	5.13	0.245	0.121	0.152	4.86	3.455
Composite NOX :	0.085	0.140	0.195	0.156	0.202	0.029	0.064	0.567	1.28	0.173
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.059	0.068	0.062		0.021	0.030		0.914	
VOC Total Exhaust:	0.041	0.059	0.068	0.062	0.041	0.021	0.030	0.149	0.91	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.74	3.74	3.74		0.245	0.121		4.864	
CO Total Exhaust:	3.55	3.74	3.74	3.74	5.13	0.245	0.121	0.152	4.86	3.455
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.085	0.140	0.195	0.156		0.029	0.064		1.275	
NOx Total Exhaust:	0.085	0.140	0.195	0.156	0.202	0.029	0.064	0.567	1.28	0.173
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.019	0.015	0.014	0.015	0.024	0.000	0.000	0.000	0.000	0.015
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.070	0.055	0.047	0.053	0.081	0.000	0.000	0.000	0.291	0.055

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 55.0 Month: 01 1
 * File 1, Run 1, Scenario 120.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.111	0.114	0.116	0.114	0.120	0.020	0.030	0.148	1.21	0.120
Composite CO :	3.60	3.79	3.79	3.79	5.21	0.247	0.121	0.153	4.86	3.499
Composite NOX :	0.086	0.141	0.196	0.157	0.203	0.030	0.065	0.580	1.31	0.175
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.060	0.069	0.062		0.020	0.030		0.914	
VOC Total Exhaust:	0.041	0.060	0.069	0.062	0.040	0.020	0.030	0.148	0.91	0.066
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.60	3.79	3.79	3.79		0.247	0.121		4.864	
CO Total Exhaust:	3.60	3.79	3.79	3.79	5.21	0.247	0.121	0.153	4.86	3.499
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.086	0.141	0.196	0.157		0.030	0.065		1.307	
NOx Total Exhaust:	0.086	0.141	0.196	0.157	0.203	0.030	0.065	0.580	1.31	0.175

2030FRED

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.018	0.015	0.013	0.014	0.023	0.000	0.000	0.000	0.000	0.014
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.069	0.054	0.047	0.053	0.080	0.000	0.000	0.000	0.291	0.054

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 56.0 Month: 01 1
 * File 1, Run 1, Scenario 121.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.110	0.114	0.115	0.114	0.119	0.020	0.030	0.147	1.28	0.120
Composite CO :	3.65	3.84	3.84	3.84	5.38	0.252	0.124	0.156	6.12	3.558
Composite NOX :	0.086	0.142	0.198	0.158	0.204	0.031	0.068	0.603	1.34	0.177

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.060	0.069	0.063		0.020	0.030		0.984	
VOC Total Exhaust:	0.041	0.060	0.069	0.063	0.040	0.020	0.030	0.147	0.98	0.067
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.65	3.84	3.84	3.84		0.252	0.124		6.119	
CO Total Exhaust:	3.65	3.84	3.84	3.84	5.38	0.252	0.124	0.156	6.12	3.558
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.086	0.142	0.198	0.158		0.031	0.068		1.345	
NOx Total Exhaust:	0.086	0.142	0.198	0.158	0.204	0.031	0.068	0.603	1.34	0.177

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.018	0.014	0.013	0.014	0.022	0.000	0.000	0.000	0.000	0.014
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.069	0.054	0.046	0.052	0.079	0.000	0.000	0.000	0.291	0.054

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 122.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7

```
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.110	0.114	0.115	0.114	0.119	0.020	0.030	0.147	1.34	0.121
Composite CO :	3.70	3.90	3.90	3.90	5.55	0.256	0.126	0.159	7.33	3.614
Composite NOx :	0.087	0.143	0.199	0.159	0.206	0.032	0.070	0.625	1.38	0.180
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.061	0.069	0.063		0.020	0.030		1.052	
VOC Total Exhaust:	0.042	0.061	0.069	0.063	0.040	0.020	0.030	0.147	1.05	0.067
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.90	3.90	3.90		0.256	0.126		7.330	
CO Total Exhaust:	3.70	3.90	3.90	3.90	5.55	0.256	0.126	0.159	7.33	3.614
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.087	0.143	0.199	0.159		0.032	0.070		1.380	
NOx Total Exhaust:	0.087	0.143	0.199	0.159	0.206	0.032	0.070	0.625	1.38	0.180
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.017	0.014	0.012	0.013	0.021	0.000	0.000	0.000	0.000	0.013
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.068	0.053	0.046	0.052	0.078	0.000	0.000	0.000	0.291	0.053

```
* #####  
* St & Cnty: 24021 MY: 2030 Speed: 58.0 Month: 01 1  
* File 1, Run 1, Scenario 123.  
* #####  
*FV FILE:.FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp  
M581 Warning:  
The user supplied freeway average speed of 58.0  
will be used for all hours of the day. 100% of VMT  
has been assigned to the freeway roadway type for  
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```
M 48 Warning: user supplied VM max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Page 92

2030FRED

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.118	0.020	0.029	0.146	1.41	0.121
Composite CO :	3.75	3.95	3.95	3.95	5.71	0.260	0.128	0.161	8.50	3.668
Composite NOx :	0.088	0.144	0.201	0.160	0.207	0.033	0.073	0.646	1.42	0.183
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.061	0.070	0.064		0.020	0.029		1.117	
VOC Total Exhaust:	0.042	0.061	0.070	0.064	0.040	0.020	0.029	0.146	1.12	0.068
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.75	3.95	3.95	3.95		0.260	0.128		8.499	
CO Total Exhaust:	3.75	3.95	3.95	3.95	5.71	0.260	0.128	0.161	8.50	3.668
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.088	0.144	0.201	0.160		0.033	0.073		1.415	
NOx Total Exhaust:	0.088	0.144	0.201	0.160	0.207	0.033	0.073	0.646	1.42	0.183
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.006
Running Loss:	0.017	0.013	0.012	0.013	0.021	0.000	0.000	0.000	0.000	0.013
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.068	0.053	0.046	0.051	0.078	0.000	0.000	0.000	0.291	0.053

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 59.0 Month: 01 1
* File 1, Run 1, Scenario 124.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
```

M581 Warning: The user supplied freeway average speed of 59.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2030
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.117	0.020	0.029	0.146	1.47	0.121
Composite CO :	3.79	4.00	4.00	4.00	5.86	0.264	0.130	0.164	9.63	3.720
Composite NOx :	0.088	0.145	0.202	0.161	0.209	0.034	0.075	0.666	1.45	0.185
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.061	0.070	0.064		0.020	0.029		1.180	
VOC Total Exhaust:	0.042	0.061	0.070	0.064	0.040	0.020	0.029	0.146	1.18	0.068
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.79	4.00	4.00	4.00		0.264	0.130		9.628	
CO Total Exhaust:	3.79	4.00	4.00	4.00	5.86	0.264	0.130	0.164	9.63	3.720
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.088	0.145	0.202	0.161		0.034	0.075		1.448	
NOx Total Exhaust:	0.088	0.145	0.202	0.161	0.209	0.034	0.075	0.666	1.45	0.185
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022

					2030FRED						
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002	
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008	
Running Loss:	0.016	0.013	0.012	0.012	0.020	0.000	0.000	0.000	0.000	0.013	
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008	
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Non-Exhaust:	0.067	0.052	0.045	0.051	0.077	0.000	0.000	0.000	0.291	0.053	

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 60.0 Month: 01 1
 * File 1, Run 1, Scenario 125.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.109	0.114	0.115	0.114	0.116	0.020	0.029	0.145	1.53	0.121
Composite CO :	3.84	4.05	4.05	4.05	6.01	0.268	0.132	0.166	10.72	3.770
Composite NOX :	0.089	0.146	0.203	0.162	0.210	0.035	0.077	0.686	1.48	0.187

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.042	0.062	0.070	0.064		0.020	0.029		1.240	
VOC Total Exhaust:	0.042	0.062	0.070	0.064	0.040	0.020	0.029	0.145	1.24	0.069

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.84	4.05	4.05	4.05		0.268	0.132		10.720	
CO Total Exhaust:	3.84	4.05	4.05	4.05	6.01	0.268	0.132	0.166	10.72	3.770

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.089	0.146	0.203	0.162		0.035	0.077		1.481	
NOx Total Exhaust:	0.089	0.146	0.203	0.162	0.210	0.035	0.077	0.686	1.48	0.187

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.015	0.012	0.011	0.012	0.019	0.000	0.000	0.000	0.000	0.012
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.067	0.052	0.045	0.050	0.076	0.000	0.000	0.000	0.291	0.052

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 61.0 Month: 01 1
 * File 1, Run 1, Scenario 126.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
M 48 Warning:      there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```

* #####
* St & Cnty: 24021 MY: 2030 Speed: 62.0 Month: 01 1
* File 1, Run 1, Scenario 127.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 62.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

```

```
M 48 Warning: user supplied with max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No


```

#####
* St & Cnty: 24021 MY: 2030 Speed: 63.0 Month: 01 1
* File 1, Run 1, Scenario 128.
#####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
M581 Warning:
    The user supplied freeway average speed of 63.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV7
M 48 Warning:
    there are no sales for vehicle class HDGV8a
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class HDGB
M 48 Warning:
    there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2030
    Month: Jan.
    Altitude: Low
    Minimum Temperature: 33.0 (F)
    Maximum Temperature: 53.0 (F)
    Absolute Humidity: 75. grains/lb
    Nominal Fuel RVP: 12.9 psi
    Weathered RVP: 12.9 psi
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

```

Page 96

					2030FRED					
Running Loss:	0.014	0.011	0.010	0.011	0.018	0.000	0.000	0.000	0.000	0.011
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.065	0.051	0.044	0.049	0.075	0.000	0.000	0.000	0.291	0.051

* #####

* St & Cnty: 24021 MY: 2030 Speed: 64.0 Month: 01 1

* File 1, Run 1, Scenario 129.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 64.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.108	0.114	0.115	0.114	0.115	0.020	0.029	0.145	1.80	0.122
Composite CO :	4.03	4.26	4.25	4.26	7.08	0.298	0.147	0.185	15.48	4.000
Composite NOX :	0.091	0.150	0.208	0.167	0.215	0.042	0.091	0.812	1.62	0.201

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.063	0.072	0.066		0.020	0.029		1.505	
VOC Total Exhaust:	0.043	0.063	0.072	0.066	0.041	0.020	0.029	0.145	1.51	0.071

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.03	4.26	4.25	4.26		0.298	0.147		15.479	
CO Total Exhaust:	4.03	4.26	4.25	4.26	7.08	0.298	0.147	0.185	15.48	4.000

NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.091	0.150	0.208	0.167		0.042	0.091		1.622	
NOx Total Exhaust:	0.091	0.150	0.208	0.167	0.215	0.042	0.091	0.812	1.62	0.201

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.014	0.011	0.010	0.011	0.017	0.000	0.000	0.000	0.000	0.011
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.065	0.050	0.043	0.049	0.074	0.000	0.000	0.000	0.291	0.051

* #####

* St & Cnty: 24021 MY: 2030 Speed: 65.0 Month: 01 1

* File 1, Run 1, Scenario 130.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 65.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.108	0.114	0.115	0.114	0.115	0.020	0.029	0.145	1.86	0.122
Composite CO :	4.08	4.31	4.30	4.31	7.32	0.305	0.150	0.189	16.58	4.053
Composite NOX :	0.092	0.151	0.210	0.168	0.217	0.043	0.095	0.841	1.65	0.204
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.043	0.064	0.072	0.066		0.020	0.029		1.567	
VOC Total Exhaust:	0.043	0.064	0.072	0.066	0.041	0.020	0.029	0.145	1.57	0.072
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.08	4.31	4.30	4.31		0.305	0.150		16.577	
CO Total Exhaust:	4.08	4.31	4.30	4.31	7.32	0.305	0.150	0.189	16.58	4.053
NOx Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
NOx Running:	0.092	0.151	0.210	0.168		0.043	0.095		1.654	
NOx Total Exhaust:	0.092	0.151	0.210	0.168	0.217	0.043	0.095	0.841	1.65	0.204
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.013	0.011	0.010	0.010	0.016	0.000	0.000	0.000	0.000	0.010
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.064	0.050	0.043	0.049	0.074	0.000	0.000	0.000	0.291	0.050

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 34.6 Month: 01 1
* File 1, Run 1, Scenario 131.
* # # # # #
* FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp

* Reading Hourly Roadway VMT distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV4.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
* File 1, Run 1, Scenario 132.
* #####
* FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
```

Reading User Supplied ROADWAY VMT Factors

NOIS Comment: User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 99

Refueling Loss:	0.000	0.000	0.000	0.000	2030FRED	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.188	0.126	0.113	0.123	0.215	0.000	0.000	0.000	0.000	0.291	0.133

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 133.
 * #####
 *FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO10: 133 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKHOT.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2669	0.4494	0.1823		0.0219	0.0018	0.0004	0.0731	0.0042	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.263	0.230	0.235	0.231	0.439	0.070	0.098	0.427	2.95	0.270
Composite CO :	4.04	3.90	3.86	3.89	13.90	0.897	0.420	0.461	21.00	3.964
Composite NOX :	0.077	0.132	0.169	0.142	0.146	0.030	0.065	0.575	0.99	0.160

Exhaust emissions (g/mi):

VOC Start:	0.015	0.018	0.020	0.019		0.011	0.012		0.402	
VOC Running:	0.061	0.086	0.102	0.091		0.059	0.086		2.252	
VOC Total Exhaust:	0.075	0.104	0.122	0.109	0.223	0.070	0.098	0.427	2.65	0.137
CO Start:	1.35	1.12	1.04	1.10		0.153	0.054		2.065	
CO Running:	2.69	2.78	2.82	2.79		0.745	0.366		18.935	
CO Total Exhaust:	4.04	3.90	3.86	3.89	13.90	0.897	0.420	0.461	21.00	3.964
NOx Start:	0.005	0.008	0.009	0.008		0.000	0.001		0.302	
NOx Running:	0.072	0.124	0.160	0.134		0.030	0.065		0.690	
NOx Total Exhaust:	0.077	0.132	0.169	0.142	0.146	0.030	0.065	0.575	0.99	0.160

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.022
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.008
Running Loss:	0.137	0.086	0.079	0.084	0.158	0.000	0.000	0.000	0.000	0.093
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.188	0.126	0.113	0.123	0.215	0.000	0.000	0.000	0.291	0.133

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 134.
 * #####
 *FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO10: 134 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.249	0.212	0.215	0.213	0.439	0.059	0.086	0.428	2.54	0.238
Composite CO :	2.69	2.78	2.82	2.79	13.91	0.745	0.366	0.462	18.93	2.848
Composite NOX :	0.072	0.124	0.160	0.134	0.146	0.030	0.065	0.576	0.69	0.126
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.061	0.086	0.102	0.091		0.059	0.086		2.252	
VOC Total Exhaust:	0.061	0.086	0.102	0.091	0.223	0.059	0.086	0.428	2.25	0.098
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.69	2.78	2.82	2.79		0.745	0.366		18.935	
CO Total Exhaust:	2.69	2.78	2.82	2.79	13.91	0.745	0.366	0.462	18.93	2.848
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.072	0.124	0.160	0.134		0.030	0.065		0.690	
NOx Total Exhaust:	0.072	0.124	0.160	0.134	0.146	0.030	0.065	0.576	0.69	0.126
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.137	0.086	0.079	0.084	0.158	0.000	0.000	0.000	0.000	0.098
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.188	0.126	0.113	0.123	0.215	0.000	0.000	0.000	0.291	0.140

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 1.00 Month: 01 1

* File 1, Run 1, Scenario 135.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc

M 52 Warning:

1.00 speed increased to 2.5 mph minimum

M583 Warning:

The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.762	1.440	1.399	1.428	2.415	0.097	0.142	0.706	8.62	1.548
Composite CO :	11.38	11.25	11.30	11.26	32.32	1.607	0.790	0.998	90.10	11.573
Composite NOX :	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.847	0.85	0.276
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.214	0.309	0.373	0.327		0.097	0.142		8.332	
VOC Total Exhaust:	0.214	0.309	0.373	0.327	0.536	0.097	0.142	0.706	8.33	0.338
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	11.38	11.25	11.30	11.26		1.607	0.790		90.097	
CO Total Exhaust:	11.38	11.25	11.30	11.26	32.32	1.607	0.790	0.998	90.10	11.573
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.167	0.275	0.382	0.306		0.044	0.095		0.848	
NOx Total Exhaust:	0.167	0.275	0.382	0.306	0.131	0.044	0.095	0.847	0.85	0.276
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009

					2030FRED					
Running Loss:	1.498	1.092	0.992	1.063	1.822	0.000	0.000	0.000	0.000	1.168
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.549	1.131	1.026	1.109	1.879	0.000	0.000	0.000	0.291	1.210

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 137.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	1.380	1.134	1.109	1.127	1.942	0.093	0.136	0.677	7.58	1.224
Composite CO :	9.68	9.62	9.67	9.63	30.15	1.509	0.742	0.937	77.37	9.899
Composite NOX :	0.160	0.264	0.366	0.293	0.132	0.042	0.092	0.818	0.82	0.264

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.187	0.269	0.325	0.285		0.093	0.136		7.285	
VOC Total Exhaust:	0.187	0.269	0.325	0.285	0.500	0.093	0.136	0.677	7.28	0.296
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	9.68	9.62	9.67	9.63		1.509	0.742		77.366	
CO Total Exhaust:	9.68	9.62	9.67	9.63	30.15	1.509	0.742	0.937	77.37	9.899
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.160	0.264	0.366	0.293		0.042	0.092		0.819	
NOx Total Exhaust:	0.160	0.264	0.366	0.293	0.132	0.042	0.092	0.818	0.82	0.264

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	1.142	0.826	0.751	0.804	1.385	0.000	0.000	0.000	0.000	0.886
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	1.193	0.865	0.785	0.849	1.442	0.000	0.000	0.000	0.291	0.928

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 138.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b


```
M 48 Warning:      there are no sales for vehicle class HDGB
M 48 Warning:      there are no sales for vehicle class LDDT34
```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.902	0.751	0.747	0.750	1.350	0.089	0.129	0.642	6.27	0.819
Composite CO :	7.56	7.59	7.63	7.60	27.45	1.386	0.681	0.861	61.45	7.807
Composite NOx :	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.782	0.78	0.250
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.154	0.219	0.264	0.232		0.089	0.129		5.976	
VOC Total Exhaust:	0.154	0.219	0.264	0.232	0.454	0.089	0.129	0.642	5.98	0.243
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	7.56	7.59	7.63	7.60		1.386	0.681		61.451	
CO Total Exhaust:	7.56	7.59	7.63	7.60	27.45	1.386	0.681	0.861	61.45	7.807
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.152	0.249	0.346	0.277		0.040	0.088		0.783	
NOx Total Exhaust:	0.152	0.249	0.346	0.277	0.134	0.040	0.088	0.782	0.78	0.250
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.697	0.493	0.450	0.481	0.839	0.000	0.000	0.000	0.000	0.534
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.748	0.533	0.483	0.522	0.896	0.000	0.000	0.000	0.291	0.570

* #

* St & Cnty: 24021 MY: 2030 Speed: 5.00 Month: 01 1

* File 1, Run 1, Scenario 139.

* #

```
*FV FILE:      .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO0: 139      RoadType:  Art_Loc
```

M583 Warning: The user supplied arterial average speed of 5.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```
data File: E:\MQR\RSS\MOBILE02\COND0
M615 Comment:
        User supplied VMT mix.
```

```
M 48 Warning: User supplied VM max.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh

```

* #####
* St & Cnty: 24021 MY: 2030 Speed: 6.00 Month: 01 1
* File 1, Run 1, Scenario 140.
* #####
* FV FILE: FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
M583 Warning:
    The user supplied arterial average speed of 6.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV7
M 48 Warning:
    there are no sales for vehicle class HDGV8a
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class HDGB
M 48 Warning:
    there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2030
    Month: Jan.
    Altitude: Low
    Minimum Temperature: 33.0 (F)
    Maximum Temperature: 53.0 (F)
    Absolute Humidity: 75. grains/lb
    Nominal Fuel RVP: 12.9 psi
    Weathered RVP: 12.9 psi
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

```

Page 105

2030FRED
Refueling Loss: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Total Non-Exhaust: 0.397 0.273 0.247 0.267 0.466 0.000 0.000 0.000 0.000 0.291 0.300

* #####

* St & Cnty: 24021 MY: 2030 Speed: 7.00 Month: 01 1

* File 1, Run 1, Scenario 141.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 7.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.441	0.376	0.384	0.378	0.736	0.075	0.109	0.544	4.12	0.417
Composite CO :	4.92	5.04	5.07	5.05	20.88	1.079	0.531	0.670	36.49	5.154
Composite NOX :	0.129	0.212	0.295	0.236	0.139	0.035	0.077	0.687	0.72	0.214
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.104	0.146	0.177	0.155		0.075	0.109		3.829	
VOC Total Exhaust:	0.104	0.146	0.177	0.155	0.343	0.075	0.109	0.544	3.83	0.164
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	4.92	5.04	5.07	5.05		1.079	0.531		36.492	
CO Total Exhaust:	4.92	5.04	5.07	5.05	20.88	1.079	0.531	0.670	36.49	5.154
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.129	0.212	0.295	0.236		0.035	0.077		0.720	
NOx Total Exhaust:	0.129	0.212	0.295	0.236	0.139	0.035	0.077	0.687	0.72	0.214
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.285	0.190	0.174	0.185	0.336	0.000	0.000	0.000	0.000	0.211
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.336	0.229	0.208	0.225	0.393	0.000	0.000	0.000	0.291	0.253

* #####

* St & Cnty: 24021 MY: 2030 Speed: 8.00 Month: 01 1

* File 1, Run 1, Scenario 142.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 8.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTM Distribution:	0.2888	0.4863	0.1972	-----	0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.386	0.330	0.339	0.333	0.655	0.072	0.105	0.520	3.70	0.368
Composite CO :	4.50	4.63	4.65	4.64	19.34	1.007	0.495	0.625	31.68	4.717
Composite NOX :	0.124	0.203	0.283	0.226	0.140	0.034	0.075	0.664	0.71	0.205
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.095	0.133	0.161	0.141		0.072	0.105		3.404	
VOC Total Exhaust:	0.095	0.133	0.161	0.141	0.317	0.072	0.105	0.520	3.40	0.150
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	4.50	4.63	4.65	4.64		1.007	0.495		31.677	
CO Total Exhaust:	4.50	4.63	4.65	4.64	19.34	1.007	0.495	0.625	31.68	4.717
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.124	0.203	0.283	0.226		0.034	0.075		0.707	
NOx Total Exhaust:	0.124	0.203	0.283	0.226	0.140	0.034	0.075	0.664	0.71	0.205
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.240	0.157	0.145	0.154	0.281	0.000	0.000	0.000	0.000	0.176
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.291	0.197	0.178	0.193	0.338	0.000	0.000	0.000	0.291	0.218

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 9.00 Month: 01 1

* File 1, Run 1, Scenario 143.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTM Distribution:	0.2888	0.4863	0.1972	-----	0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

 * #####
 * St & Cnty: 24021 MY: 2030 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 145.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2888	0.4863	0.1972	-----	0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.287	0.247	0.255	0.249	0.498	0.064	0.093	0.461	2.88	0.276
Composite CO :	3.71	3.85	3.87	3.86	15.79	0.836	0.411	0.519	22.55	3.897
Composite NOx :	0.111	0.182	0.253	0.202	0.143	0.031	0.068	0.607	0.69	0.184

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.076	0.106	0.128	0.113		0.064	0.093		2.587	
VOC Total Exhaust:	0.076	0.106	0.128	0.113	0.256	0.064	0.093	0.461	2.59	0.120

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	3.71	3.85	3.87	3.86		0.836	0.411		22.551	
CO Total Exhaust:	3.71	3.85	3.87	3.86	15.79	0.836	0.411	0.519	22.55	3.897

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.111	0.182	0.253	0.202		0.031	0.068		0.693	
NOx Total Exhaust:	0.111	0.182	0.253	0.202	0.143	0.031	0.068	0.607	0.69	0.184

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.159	0.101	0.093	0.099	0.185	0.000	0.000	0.000	0.000	0.114
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.211	0.141	0.127	0.138	0.242	0.000	0.000	0.000	0.291	0.157

 * #####
 * St & Cnty: 24021 MY: 2030 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 146.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 147.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

LEV phase-in data read from file E:\AOPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 110

2030FRED

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 149.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.225	0.195	0.200	0.197	0.381	0.054	0.079	0.391	2.29	0.218
Composite CO :	3.20	3.33	3.34	3.33	12.08	0.653	0.321	0.405	16.20	3.342
Composite NOX :	0.096	0.158	0.221	0.176	0.148	0.028	0.061	0.543	0.70	0.161

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.060	0.084	0.101	0.089		0.054	0.079		1.995	
VOC Total Exhaust:	0.060	0.084	0.101	0.089	0.191	0.054	0.079	0.391	2.00	0.094

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	3.20	3.33	3.34	3.33		0.653	0.321		16.196	
CO Total Exhaust:	3.20	3.33	3.34	3.33	12.08	0.653	0.321	0.405	16.20	3.342

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.096	0.158	0.221	0.176		0.028	0.061		0.705	
NOx Total Exhaust:	0.096	0.158	0.221	0.176	0.148	0.028	0.061	0.543	0.70	0.161

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.114	0.072	0.066	0.070	0.132	0.000	0.000	0.000	0.000	0.082
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.165	0.112	0.100	0.109	0.190	0.000	0.000	0.000	0.291	0.124

* # # # # #
 * St & Cnty: 24021 MY: 2030 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 150.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Page 112

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.211	0.185	0.190	0.187	0.355	0.052	0.075	0.373	2.19	0.207
Composite CO :	3.11	3.24	3.25	3.24	11.30	0.613	0.301	0.381	15.19	3.246
Composite NOx :	0.094	0.154	0.215	0.172	0.150	0.027	0.059	0.528	0.72	0.157
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.057	0.080	0.096	0.084		0.052	0.075		1.902	
VOC Total Exhaust:	0.057	0.080	0.096	0.084	0.177	0.052	0.075	0.373	1.90	0.090
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	3.11	3.24	3.25	3.24		0.613	0.301		15.190	
CO Total Exhaust:	3.11	3.24	3.25	3.24	11.30	0.613	0.301	0.381	15.19	3.246
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.094	0.154	0.215	0.172		0.027	0.059		0.721	
NOx Total Exhaust:	0.094	0.154	0.215	0.172	0.150	0.027	0.059	0.528	0.72	0.157
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.103	0.066	0.061	0.064	0.121	0.000	0.000	0.000	0.000	0.074
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.154	0.106	0.094	0.103	0.178	0.000	0.000	0.000	0.291	0.117

```

* #####
* St & Cnty: 24021 MY: 2030 Speed: 17.0 Month: 01 1
* File 1, Run 1, Scenario 151.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 17.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 <6000	LDGT (All)	HDGV	LDV	LDLT	HDV	MC	All Veh
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.177	0.181	0.178	0.333	0.049	0.072	0.358	2.11	0.196	
Composite CO :	3.04	3.16	3.17	3.16	10.61	0.578	0.284	0.359	14.30	3.161

Composite NOX :	0.092	0.151	0.210	0.168	2030FRED 0.152	0.027	0.058	0.515	0.73	0.153

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.055	0.076	0.092	0.081		0.049	0.072		1.819	
VOC Total Exhaust:	0.055	0.076	0.092	0.081	0.165	0.049	0.072	0.358	1.82	0.086

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	3.04	3.16	3.17	3.16		0.578	0.284		14.302	
CO Total Exhaust:	3.04	3.16	3.17	3.16	10.61	0.578	0.284	0.359	14.30	3.161

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.092	0.151	0.210	0.168		0.027	0.058		0.735	
NOx Total Exhaust:	0.092	0.151	0.210	0.168	0.152	0.027	0.058	0.515	0.73	0.153

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.094	0.061	0.056	0.059	0.111	0.000	0.000	0.000	0.000	0.068
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.145	0.100	0.089	0.098	0.168	0.000	0.000	0.000	0.291	0.110

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 18.0 Month: 01 1

* File 1, Run 1, Scenario 152.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 18.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.189	0.169	0.173	0.170	0.313	0.047	0.069	0.344	2.04	0.187
Composite CO :	2.97	3.09	3.10	3.09	10.00	0.546	0.269	0.339	13.51	3.086
Composite NOX :	0.090	0.147	0.206	0.164	0.153	0.026	0.056	0.503	0.75	0.150

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.052	0.073	0.088	0.078		0.047	0.069		1.745	
VOC Total Exhaust:	0.052	0.073	0.088	0.078	0.154	0.047	0.069	0.344	1.75	0.082

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.97	3.09	3.10	3.09		0.546	0.269		13.513	
CO Total Exhaust:	2.97	3.09	3.10	3.09	10.00	0.546	0.269	0.339	13.51	3.086

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.090	0.147	0.206	0.164		0.026	0.056		0.747	
NOx Total Exhaust:	0.090	0.147	0.206	0.164	0.153	0.026	0.056	0.503	0.75	0.150

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.086	0.056	0.051	0.055	0.101	0.000	0.000	0.000	0.000	0.063
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.137	0.095	0.085	0.093	0.158	0.000	0.000	0.000	0.291	0.105

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 19.0 Month: 01 1

* File 1, Run 1, Scenario 153.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 19.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.180	0.162	0.165	0.163	0.295	0.046	0.067	0.332	1.97	0.179
Composite CO :	2.91	3.02	3.04	3.03	9.46	0.518	0.255	0.322	12.81	3.019
Composite NOx :	0.088	0.145	0.202	0.161	0.154	0.025	0.055	0.493	0.76	0.148

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.050	0.071	0.085	0.075		0.046	0.067		1.679	
VOC Total Exhaust:	0.050	0.071	0.085	0.075	0.145	0.046	0.067	0.332	1.68	0.079

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.91	3.02	3.04	3.03		0.518	0.255		12.807	
CO Total Exhaust:	2.91	3.02	3.04	3.03	9.46	0.518	0.255	0.322	12.81	3.019

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.088	0.145	0.202	0.161		0.025	0.055		0.758	
NOx Total Exhaust:	0.088	0.145	0.202	0.161	0.154	0.025	0.055	0.493	0.76	0.148

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.078	0.052	0.047	0.050	0.093	0.000	0.000	0.000	0.000	0.057
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.129	0.091	0.081	0.089	0.150	0.000	0.000	0.000	0.291	0.100

* #####

* St & Cnty: 24021 MY: 2030 Speed: 20.0 Month: 01 1

* File 1, Run 1, Scenario 154.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 20.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2030FRED
M583 Warning: SCENARIO10: 157 RoadType: Art_Loc

The user supplied arterial average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.158	0.143	0.146	0.144	0.245	0.040	0.058	0.287	1.76	0.158
Composite CO :	2.72	2.83	2.85	2.84	7.71	0.426	0.209	0.264	10.56	2.815
Composite NOX :	0.082	0.136	0.190	0.151	0.160	0.024	0.052	0.459	0.82	0.139
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.044	0.062	0.074	0.066		0.040	0.058		1.469	
VOC Total Exhaust:	0.044	0.062	0.074	0.066	0.113	0.040	0.058	0.287	1.47	0.070
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.72	2.83	2.85	2.84		0.426	0.209		10.564	
CO Total Exhaust:	2.72	2.83	2.85	2.84	7.71	0.426	0.209	0.264	10.56	2.815
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.082	0.136	0.190	0.151		0.024	0.052		0.820	
NOx Total Exhaust:	0.082	0.136	0.190	0.151	0.160	0.024	0.052	0.459	0.82	0.139
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.063	0.042	0.038	0.041	0.075	0.000	0.000	0.000	0.000	0.046
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.114	0.081	0.072	0.079	0.132	0.000	0.000	0.000	0.291	0.088

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 24.0 Month: 01 1
* File 1, Run 1, Scenario 158.

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 158 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 24.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)

					2030FRED					
VOC Running:	0.042	0.059	0.070	0.062		0.037	0.054		1.389	
VOC Total Exhaust:	0.042	0.059	0.070	0.062	0.101	0.037	0.054	0.269	1.39	0.066
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.65	2.76	2.77	2.77		0.390	0.192		9.706	
CO Total Exhaust:	2.65	2.76	2.77	2.77	7.04	0.390	0.192	0.242	9.71	2.739
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.080	0.132	0.185	0.147		0.023	0.050		0.848	
NOx Total Exhaust:	0.080	0.132	0.185	0.147	0.162	0.023	0.050	0.446	0.85	0.136

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.058	0.038	0.035	0.037	0.069	0.000	0.000	0.000	0.000	0.043
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.109	0.078	0.069	0.076	0.126	0.000	0.000	0.000	0.291	0.085

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 160.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.148	0.134	0.136	0.135	0.219	0.036	0.052	0.260	1.64	0.148
Composite CO :	2.64	2.75	2.76	2.75	6.76	0.374	0.184	0.232	9.29	2.723
Composite NOX :	0.079	0.131	0.183	0.146	0.164	0.023	0.050	0.442	0.86	0.134

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.041	0.058	0.069	0.061		0.036	0.052		1.349	
VOC Total Exhaust:	0.041	0.058	0.069	0.061	0.096	0.036	0.052	0.260	1.35	0.064
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.64	2.75	2.76	2.75		0.374	0.184		9.294	
CO Total Exhaust:	2.64	2.75	2.76	2.75	6.76	0.374	0.184	0.232	9.29	2.723
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.079	0.131	0.183	0.146		0.023	0.050		0.865	
NOx Total Exhaust:	0.079	0.131	0.183	0.146	0.164	0.023	0.050	0.442	0.86	0.134

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.055	0.037	0.034	0.036	0.066	0.000	0.000	0.000	0.000	0.041
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.107	0.076	0.067	0.075	0.123	0.000	0.000	0.000	0.291	0.083

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 161.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
 M583 Warning:

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.145	0.132	0.134	0.132	0.212	0.035	0.051	0.252	1.60	0.145
Composite CO :	2.62	2.74	2.75	2.74	6.50	0.360	0.177	0.223	8.91	2.708
Composite NOX :	0.079	0.129	0.181	0.144	0.165	0.023	0.049	0.437	0.88	0.133
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.040	0.056	0.068	0.060		0.035	0.051		1.312	
VOC Total Exhaust:	0.040	0.056	0.068	0.060	0.091	0.035	0.051	0.252	1.31	0.063
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.62	2.74	2.75	2.74		0.360	0.177		8.913	
CO Total Exhaust:	2.62	2.74	2.75	2.74	6.50	0.360	0.177	0.223	8.91	2.708
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.079	0.129	0.181	0.144		0.023	0.049		0.881	
NOx Total Exhaust:	0.079	0.129	0.181	0.144	0.165	0.023	0.049	0.437	0.88	0.133
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.027	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.053	0.036	0.032	0.035	0.064	0.000	0.000	0.000	0.000	0.039
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.104	0.075	0.066	0.073	0.121	0.000	0.000	0.000	0.291	0.082

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 28.0 Month: 01 1
* File 1, Run 1, Scenario 162.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
```

The user supplied arterial average speed of 28.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

```

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb

```


2030FRED

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.60	2.72	2.73	2.72		0.334	0.164		8.229	
CO Total Exhaust:	2.60	2.72	2.73	2.72	6.04	0.334	0.164	0.207	8.23	2.682
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.077	0.127	0.178	0.141		0.022	0.048		0.909	
NOx Total Exhaust:	0.077	0.127	0.178	0.141	0.168	0.022	0.048	0.430	0.91	0.131

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.049	0.033	0.030	0.032	0.059	0.000	0.000	0.000	0.000	0.037
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.101	0.073	0.064	0.071	0.116	0.000	0.000	0.000	0.291	0.079

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 164.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.137	0.125	0.127	0.126	0.192	0.032	0.046	0.231	1.51	0.137
Composite CO :	2.59	2.71	2.72	2.71	5.83	0.322	0.158	0.200	7.92	2.670
Composite NOX :	0.076	0.126	0.176	0.140	0.169	0.022	0.048	0.427	0.92	0.130

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.064	0.057		0.032	0.046		1.215	
VOC Total Exhaust:	0.038	0.054	0.064	0.057	0.078	0.032	0.046	0.231	1.22	0.060
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.59	2.71	2.72	2.71		0.322	0.158		7.922	
CO Total Exhaust:	2.59	2.71	2.72	2.71	5.83	0.322	0.158	0.200	7.92	2.670
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.076	0.126	0.176	0.140		0.022	0.048		0.921	
NOx Total Exhaust:	0.076	0.126	0.176	0.140	0.169	0.022	0.048	0.427	0.92	0.130

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.048	0.032	0.029	0.031	0.057	0.000	0.000	0.000	0.000	0.035
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.099	0.072	0.063	0.070	0.114	0.000	0.000	0.000	0.291	0.078

* #####
 * St & Cnty: 24021 MY: 2030 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 165.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT

has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```

* #####
* St & Cnty: 24021 MY: 2030 Speed: 32.0 Month: 01 1
* File 1, Run 1, Scenario 166.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 32.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi

2030FRED

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.133	0.122	0.124	0.123	0.182	0.030	0.044	0.218	1.45	0.133
Composite CO :	2.61	2.73	2.74	2.73	5.52	0.303	0.149	0.188	7.34	2.683
Composite NOX :	0.076	0.124	0.174	0.139	0.172	0.022	0.048	0.425	0.95	0.129

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.063	0.056		0.030	0.044		1.157	
VOC Total Exhaust:	0.038	0.053	0.063	0.056	0.072	0.030	0.044	0.218	1.16	0.058

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.61	2.73	2.74	2.73		0.303	0.149		7.343	
CO Total Exhaust:	2.61	2.73	2.74	2.73	5.52	0.303	0.149	0.188	7.34	2.683

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.076	0.124	0.174	0.139		0.022	0.048		0.946	
NOx Total Exhaust:	0.076	0.124	0.174	0.139	0.172	0.022	0.048	0.425	0.95	0.129

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.044	0.030	0.027	0.029	0.053	0.000	0.000	0.000	0.000	0.033
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.095	0.069	0.061	0.068	0.110	0.000	0.000	0.000	0.291	0.075

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 33.0 Month: 01 1

* File 1, Run 1, Scenario 167.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.131	0.121	0.123	0.121	0.177	0.029	0.043	0.212	1.42	0.132
Composite CO :	2.62	2.74	2.75	2.74	5.37	0.295	0.145	0.183	7.08	2.689
Composite NOX :	0.075	0.124	0.173	0.138	0.173	0.022	0.048	0.424	0.96	0.128

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.063	0.055		0.029	0.043		1.130	
VOC Total Exhaust:	0.037	0.052	0.063	0.055	0.069	0.029	0.043	0.212	1.13	0.058

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	

```
* #####
* St & Cnty: 24021 MY: 2030 Speed: 35.0 Month: 01 1
* File 1, Run 1, Scenario 169.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 35.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

Page 127

2030FRED

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.126	0.118	0.120	0.119	0.164	0.027	0.040	0.197	1.35	0.128
Composite CO :	2.68	2.81	2.82	2.81	5.03	0.273	0.134	0.170	6.40	2.753
Composite NOX :	0.075	0.123	0.173	0.138	0.177	0.022	0.048	0.425	0.99	0.128

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.052	0.062	0.055		0.027	0.040		1.060	
VOC Total Exhaust:	0.037	0.052	0.062	0.055	0.061	0.027	0.040	0.197	1.06	0.057

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.68	2.81	2.82	2.81		0.273	0.134		6.395	
CO Total Exhaust:	2.68	2.81	2.82	2.81	5.03	0.273	0.134	0.170	6.40	2.753

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.075	0.123	0.173	0.138		0.022	0.048		0.986	
NOx Total Exhaust:	0.075	0.123	0.173	0.138	0.177	0.022	0.048	0.425	0.99	0.128

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.038	0.027	0.024	0.026	0.046	0.000	0.000	0.000	0.000	0.029
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.089	0.066	0.058	0.064	0.103	0.000	0.000	0.000	0.291	0.071

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 37.0 Month: 01 1

* File 1, Run 1, Scenario 171.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.125	0.118	0.119	0.118	0.160	0.027	0.039	0.193	1.33	0.127
Composite CO :	2.73	2.86	2.87	2.87	4.95	0.268	0.132	0.166	6.20	2.804
Composite NOX :	0.075	0.124	0.174	0.139	0.179	0.022	0.048	0.427	0.99	0.129

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.053	0.062	0.055		0.027	0.039		1.040	
VOC Total Exhaust:	0.037	0.053	0.062	0.055	0.059	0.027	0.039	0.193	1.04	0.057

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.73	2.86	2.87	2.87		0.268	0.132		6.202	
CO Total Exhaust:	2.73	2.86	2.87	2.87	4.95	0.268	0.132	0.166	6.20	2.804

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.075	0.124	0.174	0.139		0.022	0.048		0.994	
NOx Total Exhaust:	0.075	0.124	0.174	0.139	0.179	0.022	0.048	0.427	0.99	0.129

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.037	0.026	0.023	0.025	0.044	0.000	0.000	0.000	0.000	0.028
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
ReFueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.088	0.065	0.057	0.064	0.101	0.000	0.000	0.000	0.291	0.070

The user supplied arterial average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDEV	LDDET	HDDEV	MC	All Veh
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.124	0.117	0.119	0.118	0.157	0.026	0.038	0.189	1.31	0.126
Composite CO :	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.852
Composite NOX :	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.430	1.00	0.130

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.037	0.053	0.063	0.056		0.026	0.038		1.021	
VOC Total Exhaust:	0.037	0.053	0.063	0.056	0.057	0.026	0.038	0.189	1.02	0.057
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.78	2.92	2.92	2.92		0.262	0.129		6.019	
CO Total Exhaust:	2.78	2.92	2.92	2.92	4.87	0.262	0.129	0.163	6.02	2.852
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.076	0.125	0.175	0.139		0.022	0.048		1.001	
NOx Total Exhaust:	0.076	0.125	0.175	0.139	0.180	0.022	0.048	0.430	1.00	0.130

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.035	0.025	0.023	0.024	0.043	0.000	0.000	0.000	0.000	0.027
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.087	0.064	0.056	0.063	0.100	0.000	0.000	0.000	0.291	0.069

The user supplied arterial average speed of 39.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

Page 129

2030FRED
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.123	0.117	0.119	0.118	0.153	0.025	0.037	0.185	1.29	0.126
Composite CO :	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.897
Composite NOX :	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.432	1.01	0.130
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.053	0.063	0.056		0.025	0.037		1.003	
VOC Total Exhaust:	0.038	0.053	0.063	0.056	0.055	0.025	0.037	0.185	1.00	0.057
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.83	2.96	2.97	2.97		0.258	0.127		5.846	
CO Total Exhaust:	2.83	2.96	2.97	2.97	4.80	0.258	0.127	0.160	5.85	2.897
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.076	0.126	0.176	0.140		0.022	0.048		1.009	
NOx Total Exhaust:	0.076	0.126	0.176	0.140	0.181	0.022	0.048	0.432	1.01	0.130
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.034	0.024	0.022	0.024	0.041	0.000	0.000	0.000	0.000	0.026
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.085	0.064	0.056	0.062	0.098	0.000	0.000	0.000	0.291	0.068

* # # # # #
* St & Cnty: 24021 MY: 2030 Speed: 40.0 Month: 01 1
* File 1, Run 1, Scenario 174.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 40.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes

2030FRED

 ATP Program: Yes
 Reformulated Gas: No

 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.122	0.117	0.118	0.117	0.150	0.025	0.036	0.181	1.28	0.125
Composite CO :	2.87	3.01	3.02	3.01	4.73	0.253	0.124	0.157	5.68	2.940
Composite NOX :	0.077	0.126	0.177	0.141	0.183	0.022	0.049	0.434	1.02	0.131

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.063	0.056		0.025	0.036		0.986	
VOC Total Exhaust:	0.038	0.054	0.063	0.056	0.053	0.025	0.036	0.181	0.99	0.057

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.87	3.01	3.02	3.01		0.253	0.124		5.681	
CO Total Exhaust:	2.87	3.01	3.02	3.01	4.73	0.253	0.124	0.157	5.68	2.940

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.077	0.126	0.177	0.141		0.022	0.049		1.015	
NOx Total Exhaust:	0.077	0.126	0.177	0.141	0.183	0.022	0.049	0.434	1.02	0.131

Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.033	0.024	0.021	0.023	0.040	0.000	0.000	0.000	0.000	0.025
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.084	0.063	0.055	0.061	0.097	0.000	0.000	0.000	0.291	0.068

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 41.0 Month: 01 1

* File 1, Run 1, Scenario 175.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc

M583 Warning:

 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

 Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.121	0.117	0.118	0.117	0.147	0.025	0.036	0.178	1.27	0.124
Composite CO :	2.92	3.07	3.07	3.07	4.71	0.250	0.123	0.155	5.55	2.994
Composite NOX :	0.078	0.128	0.178	0.142	0.184	0.023	0.049	0.440	1.02	0.132

Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.054	0.064	0.057		0.025	0.036		0.974	
VOC Total Exhaust:	0.038	0.054	0.064	0.057	0.052	0.025	0.036	0.178	0.97	0.057

CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.92	3.07	3.07	3.07		0.250	0.123		5.553	
CO Total Exhaust:	2.92	3.07	3.07	3.07	4.71	0.250	0.123	0.155	5.55	2.994

NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	

2030FRED										
NOx Running:	0.078	0.128	0.178	0.142	0.023	0.049			1.022	
NOx Total Exhaust:	0.078	0.128	0.178	0.142	0.184	0.023	0.049	0.440	1.02	0.132

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.032	0.023	0.021	0.022	0.039	0.000	0.000	0.000	0.000	0.025
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.083	0.062	0.054	0.061	0.096	0.000	0.000	0.000	0.291	0.067

* #####

* St & Cnty: 24021 MY: 2030 Speed: 42.0 Month: 01 1

* File 1, Run 1, Scenario 176.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.120	0.116	0.118	0.117	0.144	0.024	0.035	0.174	1.25	0.124
Composite CO :	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	3.044
Composite NOX :	0.078	0.129	0.180	0.143	0.186	0.023	0.050	0.446	1.03	0.133

Exhaust emissions (g/mi):

VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.057		0.024	0.035		0.963	
VOC Total Exhaust:	0.038	0.055	0.064	0.057	0.050	0.024	0.035	0.174	0.96	0.058
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	2.97	3.12	3.13	3.12		0.247	0.122		5.432	
CO Total Exhaust:	2.97	3.12	3.13	3.12	4.68	0.247	0.122	0.153	5.43	3.044
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.078	0.129	0.180	0.143		0.023	0.050		1.028	
NOx Total Exhaust:	0.078	0.129	0.180	0.143	0.186	0.023	0.050	0.446	1.03	0.133

Non-Exhaust Emissions (g/mi):

Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.030	0.022	0.020	0.022	0.037	0.000	0.000	0.000	0.000	0.024
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.082	0.062	0.054	0.060	0.094	0.000	0.000	0.000	0.291	0.066

* #####

* St & Cnty: 24021 MY: 2030 Speed: 43.0 Month: 01 1

* File 1, Run 1, Scenario 177.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2888	0.4863	0.1972		0.0048	0.0020	0.0004	0.0159	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.119	0.116	0.118	0.117	0.142	0.024	0.034	0.171	1.24	0.123
Composite CO :	3.02	3.17	3.18	3.18	4.66	0.245	0.120	0.152	5.32	3.093
Composite NOX :	0.079	0.130	0.181	0.144	0.187	0.023	0.051	0.451	1.03	0.134
Exhaust emissions (g/mi):										
VOC Start:	0.000	0.000	0.000	0.000		0.000	0.000		0.000	
VOC Running:	0.038	0.055	0.064	0.058		0.024	0.034		0.952	
VOC Total Exhaust:	0.038	0.055	0.064	0.058	0.049	0.024	0.034	0.171	0.95	0.058
CO Start:	0.00	0.00	0.00	1.10		0.000	0.000		0.000	
CO Running:	3.02	3.17	3.18	3.18		0.245	0.120		5.317	
CO Total Exhaust:	3.02	3.17	3.18	3.18	4.66	0.245	0.120	0.152	5.32	3.093
NOx Start:	0.000	0.000	0.000	0.008		0.000	0.000		0.000	
NOx Running:	0.079	0.130	0.181	0.144		0.023	0.051		1.033	
NOx Total Exhaust:	0.079	0.130	0.181	0.144	0.187	0.023	0.051	0.451	1.03	0.134
Non-Exhaust Emissions (g/mi):										
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043	0.023
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023	0.002
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225	0.009
Running Loss:	0.029	0.022	0.020	0.021	0.036	0.000	0.000	0.000	0.000	0.023
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000	0.008
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.080	0.061	0.053	0.060	0.093	0.000	0.000	0.000	0.291	0.065

* # # # # #

* St & Cnty: 24021 MY: 2030 Speed: 44.0 Month: 01 1

* File 1, Run 1, Scenario 178.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```

* #####
* St & Cnty: 24021 MY: 2030 Speed: 45.0 Month: 01 1
* File 1, Run 1, Scenario 179.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

NOTE: Comments: User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34
```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 134

2030FRED

Non-Exhaust Emissions (g/mi):									
Hot Soak Loss:	0.031	0.021	0.018	0.020	0.032	0.000	0.000	0.000	0.043
Diurnal Loss:	0.002	0.002	0.002	0.002	0.004	0.000	0.000	0.000	0.023
Resting Loss:	0.010	0.007	0.005	0.007	0.011	0.000	0.000	0.000	0.225
Running Loss:	0.027	0.021	0.019	0.020	0.033	0.000	0.000	0.000	0.000
Crankcase Loss:	0.007	0.009	0.008	0.009	0.009	0.000	0.000	0.000	0.000
Refueling Loss:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Exhaust:	0.078	0.060	0.052	0.059	0.091	0.000	0.000	0.000	0.291

									0.064

Montgomery County

```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Montgomery

REPORT FILE      : e:\aqprog\Mobile62\06mont\co\2002mont.out REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
Pollutants       : CO
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\Mobile62\06mont\co\2002mont.TB1 REPLACE
SPREADSHEET      : e:\aqprog\Mobile62\06mont\co\2002mont.TAB REPLACE
AGGREGATED OUTPUT:

RUN DATA        :
>COMMENTS
>24 031

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE:
EXPAND EXHAUST    :

NO REFUELING      :
REBUILD EFFECTS   : 0.90
WE DA TRI LEN DI  : e:\aqprog\Mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP       : e:\aqprog\Mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM      : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - EXT_DATA\RD\RD02_MONT.RDT
REG DIST          : e:\aqprog\Mobile62\06mdcom\Ext_Data\RD\RD02_MONT.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02_MP.ATP
ANTI-TAMP PROG    :
** Applicable for counties: Montgomery and Prince George's
89 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_02_MP.IM
** Applicable for counties: Montgomery and Prince George's

>IM Program 2002. Idle and IM240.
>IM240 All LDGV, LDGT, HDGT1 MY 84+ Phasein Cutpoints.

*IM240
I/M PROGRAM      : 3 1984 2050 2 T/O IM240
I/M MODEL YEARS  : 3 1984 2050
I/M VEHICLES     : 3 22222 21111111 1
I/M STRINGENCY   : 3 20.0
I/M COMPLIANCE   : 3 96.0
I/M WAIVER RATES : 3 11.0 15.0
I/M CUTPOINTS    : 3 e:\aqprog\Mobile62\06mdcom\Ext_Data\IM_ATP\MD.C02
I/M GRACE PERIOD : 3 2

*Idle HDGT2
I/M PROGRAM      : 2 1984 2050 2 T/O Idle
I/M MODEL YEARS  : 2 1977 2050
I/M VEHICLES     : 2 11111 12222111 1
I/M STRINGENCY   : 2 20.0
I/M COMPLIANCE   : 2 96.0
I/M WAIVER RATES : 2 11.0 15.0
I/M GRACE PERIOD : 2 2

*Idle older LDGV, LDGT, HDGT1
I/M PROGRAM      : 1 1984 2050 2 T/O Idle
I/M MODEL YEARS  : 1 1977 1983
I/M VEHICLES     : 1 22222 21111111 1
I/M STRINGENCY   : 1 20.0
I/M COMPLIANCE   : 1 96.0
I/M WAIVER RATES : 1 11.0 15.0
I/M GRACE PERIOD : 1 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D02_MONT
DIESEL FRACTIONS :
0.0001 0.0001 0.0004 0.0021 0.0015 0.0015 0.0012 0.0012 0.0008 0.0011
0.0014 0.0040 0.0006 0.0005 0.0008 0.0154 0.0102 0.0617 0.0864 0.1308
0.1700 0.1661 0.1152 0.0961 0.0096
0.0005 0.0007 0.0017 0.0058 0.0033 0.0082 0.0083 0.0089 0.0068 0.0071
0.0093 0.0086 0.0110 0.0169 0.0158 0.0150 0.0501 0.0384 0.0862 0.0909
0.2108 0.1458 0.1842 0.0235 0.0126
0.0005 0.0007 0.0017 0.0058 0.0033 0.0082 0.0083 0.0089 0.0068 0.0071
0.0093 0.0086 0.0110 0.0169 0.0158 0.0150 0.0501 0.0384 0.0862 0.0909
0.2108 0.1458 0.1842 0.0235 0.0126
0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0115 0.0111 0.0145
0.0115 0.0129 0.0096 0.0083 0.0072 0.0082 0.0124 0.0135 0.0169 0.0209
0.0256 0.0013 0.0006 0.0011 0.0001
0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0126 0.0115 0.0111 0.0145
0.0115 0.0129 0.0096 0.0083 0.0072 0.0082 0.0124 0.0135 0.0169 0.0209
0.0256 0.0013 0.0006 0.0011 0.0001
0.1998 0.1998 0.1998 0.1998 0.1998 0.1998 0.1998 0.2578 0.2515 0.3263
0.2784 0.2963 0.2384 0.2058 0.1756 0.1958 0.2726 0.2743 0.3004 0.2918
0.2859 0.0138 0.0000 0.0000 0.0000
0.6774 0.6774 0.6774 0.6774 0.6774 0.6774 0.6774 0.7715 0.7910 0.8105
0.8068 0.8280 0.8477 0.7940 0.7488 0.7789 0.7842 0.6145 0.5139 0.5032
0.4277 0.0079 0.0000 0.0000 0.0001
0.8606 0.8606 0.8606 0.8606 0.8606 0.8606 0.8606 0.8473 0.8048 0.8331
0.7901 0.7316 0.7275 0.7158 0.5647 0.3178 0.2207 0.1968 0.1570 0.0738
0.0341 0.0414 0.0003 0.0000 0.0000
0.4647 0.4647 0.4647 0.4647 0.4647 0.4647 0.4647 0.4384 0.3670 0.4125
0.3462 0.2771 0.2730 0.2616 0.1543 0.0615 0.0383 0.0333 0.0255 0.0111
0.0049 0.0060 0.0000 0.0000 0.0000
0.6300 0.6300 0.6300 0.6300 0.6300 0.6300 0.6300 0.6078 0.5246 0.5767

```

```

2002mont
0.5289 0.5788 0.5617 0.4537 0.4216 0.4734 0.4705 0.4525 0.4310 0.3569
0.3690 0.4413 0.3094 0.1679 0.1390
0.8563 0.8563 0.8563 0.8563 0.8563 0.8563 0.8563 0.8443 0.7943 0.8266
0.7972 0.8279 0.8177 0.7440 0.7184 0.7588 0.7567 0.7431 0.7261 0.6602
0.6717 0.7344 0.6107 0.4140 0.3610
0.9992 0.9992 0.9992 0.9992 0.9992 0.9992 0.9992 0.9989 0.9987 0.9989
0.9977 0.9984 0.9982 0.9979 0.9969 0.9978 0.9980 0.9979 0.9976 0.9969
0.9978 0.9982 0.9974 0.9965 0.9964
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
0.9585 0.9585 0.9585 0.9585 0.9585 0.9585 0.9585 0.8857 0.8525 0.8795
0.9900 0.9105 0.8760 0.7710 0.7502 0.7345 0.6733 0.5155 0.3845 0.3238
0.3260 0.2639 0.0594 0.0460 0.0291

MIN/MAX TEMPERATURE: 33.00 53.00
FUEL RVP : 12.90

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1

```

ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 7.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 8.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 9.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 10.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 10.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 14.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 14.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021

```

                                2002mont
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 15.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 16.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 22.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0

```

2002mont

AVERAGE SPEED : 22.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 24.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 25.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 26.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 27.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 28.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 29.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

2002mont
 SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 30.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 31.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 36.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2002mont

```
* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
```



```

2002mont

CALENDAR YEAR      : 2002
EVALUATION MONTH  : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 45.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 46.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 46.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 47.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 47.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 48.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 48.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 49.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 49.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 50.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 50.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 51.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 51.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS    :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

  SCENARIO RECORD  : St & Cnty: 24031 Mont MY: 2002 Speed: 52.0 Month: 01 1
  >FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
  CALENDAR YEAR    : 2002
  EVALUATION MONTH : 1
  ALTITUDE         : 1
  ABSOLUTE HUMIDITY: 75.0
  AVERAGE SPEED    : 52.0 Arterial
  SOAK DISTRIBUTION: e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM

```

2002mont

```

VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 53.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 53.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 54.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 54.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 55.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 55.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 56.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 56.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 57.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 57.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 58.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 58.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 59.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 59.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 60.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
```

```

2002mont
ALTITUDE      : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED  : 60.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 61.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 62.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 64.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 65.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
  0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
  VMT FRACTIONS :
  0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021

```

```

                                2002mont
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 3.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 4.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 5.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 6.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 7.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 8.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 9.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS    :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 10.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0

```

2002mont

AVERAGE SPEED : 10.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 14.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 14.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 15.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 15.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 16.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

2002mont
SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2002mont

```
*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 26.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 27.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 28.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 29.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 30.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 31.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 32.0 Non-Ramp
SOAK DISTRIBUTION  : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
```

2002mont

CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM

2002mont

```

VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 41.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 42.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 43.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 44.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 45.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 46.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 46.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 47.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 47.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS      :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 48.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
```

2002mont

ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 48.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 49.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 49.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 50.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 50.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 51.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 51.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 52.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 53.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 54.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 55.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021

```

2002mont
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 56.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 57.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 58.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 59.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 60.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 61.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 62.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
VMT FRACTIONS :
0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0

```

2002mont

AVERAGE SPEED : 63.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 64.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 64.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 65.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 65.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 34.6 Month: 01 1
 >FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV4.FV
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V02_MONT.VM
 VMT FRACTIONS :
 0.4594 0.0790 0.2630 0.0785 0.0361 0.0243 0.0024 0.0021
 0.0016 0.0060 0.0071 0.0080 0.0279 0.0000 0.0000 0.0046

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\Mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
 VMT FRACTIONS :
 0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
 0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
 CALENDAR YEAR : 2002
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 1.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
 VMT FRACTIONS :
 0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
 0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

2002mont
SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2002mont

```
*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 10.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 10.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 11.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 11.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 12.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 13.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 14.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 14.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 15.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 15.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 16.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
```

2002mont

```

CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 17.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 18.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 19.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 20.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 21.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 22.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 22.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 23.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 23.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS
  :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 24.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM

```

2002mont

```

VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 25.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 26.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 27.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 28.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 29.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 30.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 31.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VTM_MIX\WINTER\L02_MONT.VM
VTM FRACTIONS      :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD    : St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1
>FV FILE: .FV      : OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 1
```



```

2002mont
ALTITUDE      : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED  : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
  0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD : St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
CALENDAR YEAR : 2002
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
  VMT FRACTIONS :
  0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005

```

```

                                2002mont
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

SCENARIO RECORD   : St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1
>FV FILE: .FV      OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
CALENDAR YEAR     : 2002
EVALUATION MONTH  : 1
ALTITUDE          : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED    : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\Mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L02_MONT.VM
VMT FRACTIONS    :
0.4903 0.0843 0.2808 0.0838 0.0385 0.0053 0.0005 0.0005
0.0003 0.0013 0.0016 0.0017 0.0062 0.0000 0.0000 0.0049

END OF RUN      :

```

```
*****2002MONT*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 2002MONT.INP (file 1, run 1). *
*****
*COMMENTS
*24 031
   M603 Comment:
       User has disabled the calculation of REFUELING emissions.

* Reading non-default WEEKDAY RUNNING LOSS HOURLY TRIP LENGTH FRACTIONS
* from the following external data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\TRIP_LEN\WEEKTLD2.WDT

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
   M616 Comment:
       User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\RDT\R02_MONT.RDT
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   M 49 Warning:
       1.00 MYR sum not = 1. (will normalize)
   IM Program 2002. Idle and IM240.
   IM240 All LDGV, LDGT, HDGT1 MY 84+ Phasein Cutpoints.

* Reading non-default I/M CUTPOINTS from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\IM_ATP\MD.C02
* CY 2002 Phasein Cutpoints Beginning November 2000.
   M614 Comment:
       User supplied diesel sale fractions.

* # # # # #
* St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
* File 1, Run 1, Scenario 1.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
   M 52 Warning:
       1.00 speed increased to 2.5 mph minimum
   M583 Warning:
       The user supplied arterial average speed of 2.5
       will be used for all hours of the day. 100% of VMT
       has been assigned to the arterial/collector roadway
       type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
   M615 Comment:
       User supplied VMT mix.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
   M 48 Warning:
       there are no sales for vehicle class HDGV8b
HDDV DEFEAT DEVICE EFFECTS ARE PRESENT. THE REBUILD FRACTION IS 0.90.

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2002
        Month: Jan.
        Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT MC All Veh
          GVWR: <6000 >6000 (All)
VMT Distribution: 0.4579 0.3400 0.1130 0.0225 0.0015 0.0036 0.0569 0.0046 1.0000
Composite Emission Factors (g/mi):
Composite CO : 39.63 38.41 60.77 43.99 77.84 4.056 3.092 14.516 92.24 41.094
Page 1
```

Exhaust emissions (g/mi):

	CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000	
CO Running:	39.63	38.41	60.77	43.99		4.056	3.092		92.240	
CO Total Exhaust:	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24	41.094

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1

* File 1, Run 1, Scenario 2.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial

M 52 Warning:

2.00 speed increased to 2.5 mph minimum

M583 Warning:

The user supplied arterial average speed of 2.5
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24	41.094

Exhaust emissions (g/mi):

	CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000	
CO Running:	39.63	38.41	60.77	43.99		4.056	3.092		92.240	
CO Total Exhaust:	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24	41.094

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1

* File 1, Run 1, Scenario 3.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 3.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	33.42	32.67	51.30	37.32	72.63	3.808	2.903	13.627	79.21	34.997

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	33.42	32.67	51.30	37.32		3.808	2.903		79.205	
CO Total Exhaust:	33.42	32.67	51.30	37.32	72.63	3.808	2.903	13.627	79.21	34.997

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1

* File 1, Run 1, Scenario 4.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 4.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	25.64	25.50	39.46	28.98	66.11	3.497	2.666	12.516	62.91	27.376

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	25.64	25.50	39.46	28.98		3.497	2.666		62.912	
CO Total Exhaust:	25.64	25.50	39.46	28.98	66.11	3.497	2.666	12.516	62.91	27.376

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1

* File 1, Run 1, Scenario 5.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 5.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	20.98	21.19	32.36	23.98	62.20	3.311	2.524	11.850	53.14	22.803

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	20.98	21.19	32.36	23.98		3.311	2.524		53.137	
CO Total Exhaust:	20.98	21.19	32.36	23.98	62.20	3.311	2.524	11.850	53.14	22.803

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1

* File 1, Run 1, Scenario 6.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 6.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	18.24	18.56	28.13	20.95	55.26	2.968	2.263	10.623	43.93	19.903

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	18.24	18.56	28.13	20.95		2.968	2.263		43.934	
CO Total Exhaust:	18.24	18.56	28.13	20.95	55.26	2.968	2.263	10.623	43.93	19.903

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1

* File 1, Run 1, Scenario 7.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 7.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	16.27	16.68	25.10	18.78	50.30	2.724	2.076	9.747	37.36	17.832

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	16.27	16.68	25.10	18.78		2.724	2.076		37.360	
CO Total Exhaust:	16.27	16.68	25.10	18.78	50.30	2.724	2.076	9.747	37.36	17.832

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1

* File 1, Run 1, Scenario 8.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 8.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	14.80	15.27	22.83	17.16	46.58	2.540	1.936	9.090	32.43	16.278

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	14.80	15.27	22.83	17.16		2.540	1.936		32.430	
CO Total Exhaust:	14.80	15.27	22.83	17.16	46.58	2.540	1.936	9.090	32.43	16.278

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1

* File 1, Run 1, Scenario 9.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 9.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	12.14	12.68	18.71	14.18	38.03	2.110	1.608	7.550	23.09	13.385

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.14	12.68	18.71	14.18		2.110	1.608		23.088	
CO Total Exhaust:	12.14	12.68	18.71	14.18	38.03	2.110	1.608	7.550	23.09	13.385

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1

* File 1, Run 1, Scenario 12.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 12.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	11.64	12.16	17.93	13.60	35.23	1.965	1.498	7.033	21.05	12.787

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.64	12.16	17.93	13.60		1.965	1.498		21.054	
CO Total Exhaust:	11.64	12.16	17.93	13.60	35.23	1.965	1.498	7.033	21.05	12.787

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1

* File 1, Run 1, Scenario 13.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 13.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	10.53	11.02	16.20	12.31	29.09	1.648	1.256	5.896	16.58	11.471

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.53	11.02	16.20	12.31		1.648	1.256		16.581	
CO Total Exhaust:	10.53	11.02	16.20	12.31	29.09	1.648	1.256	5.896	16.58	11.471

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1

* File 1, Run 1, Scenario 16.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 16.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	10.25	10.73	15.76	11.99	27.22	1.547	1.179	5.535	15.55	11.130

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.25	10.73	15.76	11.99		1.547	1.179		15.551	
CO Total Exhaust:	10.25	10.73	15.76	11.99	27.22	1.547	1.179	5.535	15.55	11.130

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1

* File 1, Run 1, Scenario 17.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 17.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	10.01	10.48	15.38	11.70	25.56	1.458	1.111	5.217	14.64	10.830

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.01	10.48	15.38	11.70		1.458	1.111		14.642	
CO Total Exhaust:	10.01	10.48	15.38	11.70	25.56	1.458	1.111	5.217	14.64	10.830

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1

* File 1, Run 1, Scenario 18.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 18.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	9.79	10.26	15.04	11.45	24.10	1.379	1.051	4.934	13.83	10.562

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.79	10.26	15.04	11.45		1.379	1.051		13.835	
CO Total Exhaust:	9.79	10.26	15.04	11.45	24.10	1.379	1.051	4.934	13.83	10.562

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1

* File 1, Run 1, Scenario 19.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 19.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	9.59	10.06	14.74	11.22	22.78	1.308	0.997	4.681	13.11	10.323

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.59	10.06	14.74	11.22		1.308	0.997		13.112	
CO Total Exhaust:	9.59	10.06	14.74	11.22	22.78	1.308	0.997	4.681	13.11	10.323

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1

* File 1, Run 1, Scenario 20.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 20.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	9.42	9.88	14.47	11.02	21.60	1.244	0.949	4.453	12.46	10.108

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.42	9.88	14.47	11.02		1.244	0.949		12.462	
CO Total Exhaust:	9.42	9.88	14.47	11.02	21.60	1.244	0.949	4.453	12.46	10.108

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1

* File 1, Run 1, Scenario 21.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 21.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	9.03	9.49	13.88	10.58	18.57	1.074	0.819	3.844	10.81	9.622

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.03	9.49	13.88	10.58		1.074	0.819		10.815	
CO Total Exhaust:	9.03	9.49	13.88	10.58	18.57	1.074	0.819	3.844	10.81	9.622

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
 * File 1, Run 1, Scenario 24.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.93	9.38	13.72	10.46	17.73	1.027	0.783	3.675	10.36	9.487

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.93	9.38	13.72	10.46		1.027	0.783		10.357	
CO Total Exhaust:	8.93	9.38	13.72	10.46	17.73	1.027	0.783	3.675	10.36	9.487

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 25.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	8.83	9.28	13.57	10.35	16.95	0.983	0.750	3.519	9.94	9.362

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.83	9.28	13.57	10.35		0.983	0.750		9.937	
CO Total Exhaust:	8.83	9.28	13.57	10.35	16.95	0.983	0.750	3.519	9.94	9.362

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 26.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.78	9.23	13.48	10.29	16.28	0.944	0.720	3.379	9.52	9.291

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.78	9.23	13.48	10.29		0.944	0.720		9.515	
CO Total Exhaust:	8.78	9.23	13.48	10.29	16.28	0.944	0.720	3.379	9.52	9.291

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 27.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	8.74	9.19	13.40	10.24	15.66	0.908	0.692	3.249	9.12	9.224

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.74	9.19	13.40	10.24		0.908	0.692		9.125	
CO Total Exhaust:	8.74	9.19	13.40	10.24	15.66	0.908	0.692	3.249	9.12	9.224

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 28.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.70	9.15	13.33	10.19	15.09	0.874	0.666	3.128	8.76	9.163

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.70	9.15	13.33	10.19		0.874	0.666		8.762	
CO Total Exhaust:	8.70	9.15	13.33	10.19	15.09	0.874	0.666	3.128	8.76	9.163

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 29.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	8.66	9.11	13.26	10.15	14.55	0.843	0.642	3.016	8.42	9.106

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.66	9.11	13.26	10.15		0.843	0.642		8.425	
CO Total Exhaust:	8.66	9.11	13.26	10.15	14.55	0.843	0.642	3.016	8.42	9.106

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 30.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.63	9.08	13.20	10.11	14.05	0.813	0.620	2.911	8.11	9.052

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.63	9.08	13.20	10.11		0.813	0.620		8.110	
CO Total Exhaust:	8.63	9.08	13.20	10.11	14.05	0.813	0.620	2.911	8.11	9.052

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 31.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	8.67	9.12	13.25	10.15	13.66	0.789	0.601	2.823	7.80	9.073

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.67	9.12	13.25	10.15		0.789	0.601		7.804	
CO Total Exhaust:	8.67	9.12	13.25	10.15	13.66	0.789	0.601	2.823	7.80	9.073

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1

* File 1, Run 1, Scenario 32.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 32.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	8.70	9.16	13.29	10.19	13.29	0.766	0.584	2.740	7.52	9.092

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.70	9.16	13.29	10.19		0.766	0.584		7.518	
CO Total Exhaust:	8.70	9.16	13.29	10.19	13.29	0.766	0.584	2.740	7.52	9.092

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1

* File 1, Run 1, Scenario 33.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 33.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	8.73	9.19	13.33	10.23	12.94	0.744	0.567	2.662	7.25	9.110

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.73	9.19	13.33	10.23		0.744	0.567		7.248	
CO Total Exhaust:	8.73	9.19	13.33	10.23	12.94	0.744	0.567	2.662	7.25	9.110

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 34.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.76	9.23	13.37	10.26	12.62	0.723	0.552	2.589	7.00	9.127

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.76	9.23	13.37	10.26		0.723	0.552		6.995	
CO Total Exhaust:	8.76	9.23	13.37	10.26	12.62	0.723	0.552	2.589	7.00	9.127

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 35.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.520	6.76	9.143

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.79	9.26	13.40	10.29		0.704	0.537		6.756	
CO Total Exhaust:	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.520	6.76	9.143

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 36.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.95	9.43	13.62	10.48	12.10	0.689	0.526	2.467	6.55	9.292

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.95	9.43	13.62	10.48		0.689	0.526		6.547	
CO Total Exhaust:	8.95	9.43	13.62	10.48	12.10	0.689	0.526	2.467	6.55	9.292

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 37.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	9.11	9.60	13.83	10.65	11.91	0.676	0.515	2.418	6.35	9.433

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.11	9.60	13.83	10.65		0.676	0.515		6.350	
CO Total Exhaust:	9.11	9.60	13.83	10.65	11.91	0.676	0.515	2.418	6.35	9.433

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 38.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.370	6.16	9.567

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.25	9.75	14.03	10.82		0.662	0.505		6.162	
CO Total Exhaust:	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.370	6.16	9.567

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 39.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.326	5.98	9.694

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.39	9.89	14.22	10.97		0.650	0.495		5.985	
CO Total Exhaust:	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.326	5.98	9.694

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 40.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.52	10.03	14.39	11.12	11.39	0.638	0.486	2.283	5.82	9.814

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.52	10.03	14.39	11.12		0.638	0.486		5.816	
CO Total Exhaust:	9.52	10.03	14.39	11.12	11.39	0.638	0.486	2.283	5.82	9.814

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 41.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.257	5.69	9.967

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.68	10.20	14.61	11.30		0.631	0.481		5.685	
CO Total Exhaust:	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.257	5.69	9.967

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1

* File 1, Run 1, Scenario 42.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 42.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	9.84	10.36	14.82	11.48	11.28	0.624	0.476	2.232	5.56	10.112

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.84	10.36	14.82	11.48		0.624	0.476		5.561	
CO Total Exhaust:	9.84	10.36	14.82	11.48	11.28	0.624	0.476	2.232	5.56	10.112

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1

* File 1, Run 1, Scenario 43.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	9.98	10.52	15.02	11.64	11.23	0.617	0.471	2.209	5.44	10.251

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.98	10.52	15.02	11.64		0.617	0.471		5.443	
CO Total Exhaust:	9.98	10.52	15.02	11.64	11.23	0.617	0.471	2.209	5.44	10.251

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1

* File 1, Run 1, Scenario 44.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 44.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	10.12	10.66	15.21	11.80	11.18	0.611	0.466	2.186	5.33	10.383

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.12	10.66	15.21	11.80		0.611	0.466		5.330	
CO Total Exhaust:	10.12	10.66	15.21	11.80	11.18	0.611	0.466	2.186	5.33	10.383

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1

* File 1, Run 1, Scenario 45.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 45.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.165	5.22	10.510

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.26	10.81	15.39	11.95		0.605	0.461		5.222	
CO Total Exhaust:	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.165	5.22	10.510

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 46.0 Month: 01 1

* File 1, Run 1, Scenario 46.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 46.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	10.42	10.97	15.60	12.13	11.22	0.604	0.460	2.161	5.17	10.666

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.42	10.97	15.60	12.13		0.604	0.460		5.169	
CO Total Exhaust:	10.42	10.97	15.60	12.13	11.22	0.604	0.460	2.161	5.17	10.666

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 47.0 Month: 01 1

* File 1, Run 1, Scenario 47.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	10.57	11.13	15.81	12.30	11.29	0.603	0.460	2.158	5.12	10.815

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.57	11.13	15.81	12.30		0.603	0.460		5.119	
CO Total Exhaust:	10.57	11.13	15.81	12.30	11.29	0.603	0.460	2.158	5.12	10.815

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 48.0 Month: 01 1

* File 1, Run 1, Scenario 48.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 48.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	10.72	11.29	16.00	12.46	11.37	0.602	0.459	2.154	5.07	10.958

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.72	11.29	16.00	12.46		0.602	0.459		5.070	
CO Total Exhaust:	10.72	11.29	16.00	12.46	11.37	0.602	0.459	2.154	5.07	10.958

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 49.0 Month: 01 1

* File 1, Run 1, Scenario 49.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 49.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	10.86	11.44	16.19	12.62	11.44	0.601	0.458	2.151	5.02	11.095

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.86	11.44	16.19	12.62		0.601	0.458		5.024	
CO Total Exhaust:	10.86	11.44	16.19	12.62	11.44	0.601	0.458	2.151	5.02	11.095

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 50.0 Month: 01 1

* File 1, Run 1, Scenario 50.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 50.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	10.99	11.58	16.38	12.77	11.51	0.600	0.458	2.148	4.98	11.227

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.99	11.58	16.38	12.77		0.600	0.458		4.979	
CO Total Exhaust:	10.99	11.58	16.38	12.77	11.51	0.600	0.458	2.148	4.98	11.227

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 51.0 Month: 01 1

* File 1, Run 1, Scenario 51.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 51.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	11.15	11.74	16.59	12.95	11.73	0.605	0.461	2.166	4.98	11.386

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.15	11.74	16.59	12.95		0.605	0.461		4.979	
CO Total Exhaust:	11.15	11.74	16.59	12.95	11.73	0.605	0.461	2.166	4.98	11.386

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 52.0 Month: 01 1

* File 1, Run 1, Scenario 52.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 52.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	11.30	11.90	16.79	13.12	11.95	0.610	0.465	2.183	4.98	11.539

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.30	11.90	16.79	13.12		0.610	0.465		4.979	
CO Total Exhaust:	11.30	11.90	16.79	13.12	11.95	0.610	0.465	2.183	4.98	11.539

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 53.0 Month: 01 1

* File 1, Run 1, Scenario 53.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 53.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	11.45	12.06	16.99	13.29	12.16	0.615	0.469	2.199	4.98	11.687

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.45	12.06	16.99	13.29		0.615	0.469		4.979	
CO Total Exhaust:	11.45	12.06	16.99	13.29	12.16	0.615	0.469	2.199	4.98	11.687

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 54.0 Month: 01 1

* File 1, Run 1, Scenario 54.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 54.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	11.59	12.21	17.18	13.45	12.36	0.619	0.472	2.215	4.98	11.829

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.59	12.21	17.18	13.45		0.619	0.472		4.979	
CO Total Exhaust:	11.59	12.21	17.18	13.45	12.36	0.619	0.472	2.215	4.98	11.829

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 55.0 Month: 01 1

* File 1, Run 1, Scenario 55.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 55.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	11.73	12.35	17.37	13.60	12.56	0.623	0.475	2.231	4.98	11.966

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.73	12.35	17.37	13.60		0.623	0.475		4.979	
CO Total Exhaust:	11.73	12.35	17.37	13.60	12.56	0.623	0.475	2.231	4.98	11.966

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 56.0 Month: 01 1

* File 1, Run 1, Scenario 56.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 56.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	11.88	12.51	17.58	13.78	12.97	0.635	0.484	2.272	6.26	12.136

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.88	12.51	17.58	13.78		0.635	0.484		6.264	
CO Total Exhaust:	11.88	12.51	17.58	13.78	12.97	0.635	0.484	2.272	6.26	12.136

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 57.0 Month: 01 1

* File 1, Run 1, Scenario 57.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 57.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):

Composite CO :	12.62	13.29	18.57	14.60	15.15	0.697	0.532	2.495	12.25	12.935

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.62	13.29	18.57	14.60		0.697	0.532		12.253	
CO Total Exhaust:	12.62	13.29	18.57	14.60	15.15	0.697	0.532	2.495	12.25	12.935

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 62.0 Month: 01 1

* File 1, Run 1, Scenario 62.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 62.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	12.77	13.44	18.77	14.77	15.81	0.716	0.546	2.564	13.49	13.106

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.77	13.44	18.77	14.77		0.716	0.546		13.490	
CO Total Exhaust:	12.77	13.44	18.77	14.77	15.81	0.716	0.546	2.564	13.49	13.106

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 63.0 Month: 01 1

* File 1, Run 1, Scenario 63.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 63.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	DDDV	DDDT	DDDV	MC	All Veh
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

2002MONT

Composite Emission Factors (g/mi):										
Composite CO :	13.20	13.89	19.35	15.25	17.64	0.770	0.587	2.757	16.97	13.587

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.20	13.89	19.35	15.25		0.770	0.587		16.971	
CO Total Exhaust:	13.20	13.89	19.35	15.25	17.64	0.770	0.587	2.757	16.97	13.587

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 66.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 M 52 Warning:
 1.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24	41.094

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	39.63	38.41	60.77	43.99		4.056	3.092		92.240	
CO Total Exhaust:	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24	41.094

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 67.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
 M 52 Warning:
 2.00 speed increased to 2.5 mph minimum
 M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24 41.094
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	39.63	38.41	60.77	43.99		4.056	3.092		92.240
CO Total Exhaust:	39.63	38.41	60.77	43.99	77.84	4.056	3.092	14.516	92.24 41.094

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 68.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	33.42	32.67	51.30	37.32	72.63	3.808	2.903	13.627	79.21 34.997	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	33.42	32.67	51.30	37.32		3.808	2.903		79.205	
CO Total Exhaust:	33.42	32.67	51.30	37.32	72.63	3.808	2.903	13.627	79.21 34.997	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 69.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 35					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046

Composite Emission Factors (g/mi):									
Composite CO :	25.64	25.50	39.46	28.98	66.11	3.497	2.666	12.516	62.91

Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	25.64	25.50	39.46	28.98		3.497	2.666		62.912
CO Total Exhaust:	25.64	25.50	39.46	28.98	66.11	3.497	2.666	12.516	62.91

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 70.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	20.98	21.19	32.36	23.98	62.20	3.311	2.524	11.850	53.14	22.803

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	20.98	21.19	32.36	23.98		3.311	2.524		53.137	
CO Total Exhaust:	20.98	21.19	32.36	23.98	62.20	3.311	2.524	11.850	53.14	22.803

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 71.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046
Composite Emission Factors (g/mi):									
Composite CO :	17.90	18.23	27.64	20.58	55.26	2.968	2.263	10.623	43.93
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	17.90	18.23	27.64	20.58		2.968	2.263		43.934
CO Total Exhaust:	17.90	18.23	27.64	20.58	55.26	2.968	2.263	10.623	43.93

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 72.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	15.71	16.12	24.27	18.15	50.30	2.724	2.076	9.747	37.36	17.284
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	15.71	16.12	24.27	18.15		2.724	2.076		37.360	
CO Total Exhaust:	15.71	16.12	24.27	18.15	50.30	2.724	2.076	9.747	37.36	17.284

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 73.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 37					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	14.06	14.53	21.74	16.33	46.58	2.540	1.936	9.090	32.43	15.559
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	14.06	14.53	21.74	16.33		2.540	1.936		32.430	
CO Total Exhaust:	14.06	14.53	21.74	16.33	46.58	2.540	1.936	9.090	32.43	15.559

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 74.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	12.78	13.29	19.77	14.91	43.69	2.397	1.828	8.579	28.60	14.218
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.78	13.29	19.77	14.91		2.397	1.828		28.595	
CO Total Exhaust:	12.78	13.29	19.77	14.91	43.69	2.397	1.828	8.579	28.60	14.218

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 10.0 Month: 01 1
 * File 1, Run 1, Scenario 75.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 38					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000

Composite Emission Factors (g/mi):

Composite CO :	11.75	12.31	18.20	13.78	41.38	2.283	1.741	8.171	25.53 13.145

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	11.75	12.31	18.20	13.78		2.283	1.741		25.528
CO Total Exhaust:	11.75	12.31	18.20	13.78	41.38	2.283	1.741	8.171	25.53 13.145

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 76.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	

Composite Emission Factors (g/mi):

Composite CO :	11.10	11.64	17.19	13.03	38.03	2.110	1.608	7.550	23.09 12.387

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	11.10	11.64	17.19	13.03		2.110	1.608		23.088
CO Total Exhaust:	11.10	11.64	17.19	13.03	38.03	2.110	1.608	7.550	23.09 12.387

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 77.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 39					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.56	11.09	16.35	12.40	35.23	1.965	1.498	7.033	21.05	11.755
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.56	11.09	16.35	12.40		1.965	1.498		21.054	
CO Total Exhaust:	10.56	11.09	16.35	12.40	35.23	1.965	1.498	7.033	21.05	11.755

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1
 * File 1, Run 1, Scenario 78.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.11	10.62	15.64	11.87	32.87	1.843	1.405	6.596	19.33	11.220
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.11	10.62	15.64	11.87		1.843	1.405		19.334	
CO Total Exhaust:	10.11	10.62	15.64	11.87	32.87	1.843	1.405	6.596	19.33	11.220

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 14.0 Month: 01 1
 * File 1, Run 1, Scenario 79.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 40					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	9.72	10.22	15.04	11.42	30.84	1.738	1.325	6.221	17.86 10.762
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	9.72	10.22	15.04	11.42		1.738	1.325		17.859
CO Total Exhaust:	9.72	10.22	15.04	11.42	30.84	1.738	1.325	6.221	17.86 10.762

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 80.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.38	9.87	14.51	11.03	29.09	1.648	1.256	5.896	16.58 10.365	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.38	9.87	14.51	11.03		1.648	1.256		16.581	
CO Total Exhaust:	9.38	9.87	14.51	11.03	29.09	1.648	1.256	5.896	16.58 10.365	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 81.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 41					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	9.28	9.77	14.34	10.91	27.22	1.547	1.179	5.535	15.55 10.201
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	9.28	9.77	14.34	10.91		1.547	1.179		15.551
CO Total Exhaust:	9.28	9.77	14.34	10.91	27.22	1.547	1.179	5.535	15.55 10.201

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 82.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.20	9.68	14.20	10.81	25.56	1.458	1.111	5.217	14.64 10.056	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.20	9.68	14.20	10.81		1.458	1.111		14.642	
CO Total Exhaust:	9.20	9.68	14.20	10.81	25.56	1.458	1.111	5.217	14.64 10.056	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1
 * File 1, Run 1, Scenario 83.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 42					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	9.13	9.61	14.07	10.72	24.10	1.379	1.051	4.934	13.83
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	9.13	9.61	14.07	10.72		1.379	1.051		13.835
CO Total Exhaust:	9.13	9.61	14.07	10.72	24.10	1.379	1.051	4.934	13.83

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 84.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.06	9.53	13.95	10.64	22.78	1.308	0.997	4.681	13.11	9.812
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.06	9.53	13.95	10.64		1.308	0.997		13.112	
CO Total Exhaust:	9.06	9.53	13.95	10.64	22.78	1.308	0.997	4.681	13.11	9.812

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 85.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 43					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	9.00	9.47	13.84	10.56	21.60	1.244	0.949	4.453	12.46 9.708
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	9.00	9.47	13.84	10.56		1.244	0.949		12.462
CO Total Exhaust:	9.00	9.47	13.84	10.56	21.60	1.244	0.949	4.453	12.46 9.708

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 86.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	8.95	9.41	13.75	10.49	20.49	1.182	0.901	4.231	11.86 9.612	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.95	9.41	13.75	10.49		1.182	0.901		11.860	
CO Total Exhaust:	8.95	9.41	13.75	10.49	20.49	1.182	0.901	4.231	11.86 9.612	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 22.0 Month: 01 1
 * File 1, Run 1, Scenario 87.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 44					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	8.90	9.36	13.66	10.43	19.49	1.126	0.858	4.029	11.31
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	8.90	9.36	13.66	10.43		1.126	0.858		11.314
CO Total Exhaust:	8.90	9.36	13.66	10.43	19.49	1.126	0.858	4.029	11.31

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 23.0 Month: 01 1
 * File 1, Run 1, Scenario 88.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 23.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.85	9.31	13.58	10.38	18.57	1.074	0.819	3.844	10.81	9.446
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.85	9.31	13.58	10.38		1.074	0.819		10.815	
CO Total Exhaust:	8.85	9.31	13.58	10.38	18.57	1.074	0.819	3.844	10.81	9.446

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
 * File 1, Run 1, Scenario 89.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 45					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.81	9.27	13.51	10.33	17.73	1.027	0.783	3.675	10.36	9.373
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.81	9.27	13.51	10.33		1.027	0.783		10.357	
CO Total Exhaust:	8.81	9.27	13.51	10.33	17.73	1.027	0.783	3.675	10.36	9.373

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 90.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.77	9.23	13.44	10.28	16.95	0.983	0.750	3.519	9.94	9.306
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.77	9.23	13.44	10.28		0.983	0.750		9.937	
CO Total Exhaust:	8.77	9.23	13.44	10.28	16.95	0.983	0.750	3.519	9.94	9.306

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 91.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 46					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	8.74	9.19	13.38	10.24	16.28	0.944	0.720	3.379	9.52 9.245
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	8.74	9.19	13.38	10.24		0.944	0.720		9.515
CO Total Exhaust:	8.74	9.19	13.38	10.24	16.28	0.944	0.720	3.379	9.52 9.245

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 92.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	8.70	9.16	13.33	10.20	15.66	0.908	0.692	3.249	9.12 9.189	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.70	9.16	13.33	10.20		0.908	0.692		9.125	
CO Total Exhaust:	8.70	9.16	13.33	10.20	15.66	0.908	0.692	3.249	9.12 9.189	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 93.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 47					

				2002MONT						
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	8.67	9.13	13.27	10.16	15.09	0.874	0.666	3.128	8.76	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.67	9.13	13.27	10.16		0.874	0.666		8.762	
CO Total Exhaust:	8.67	9.13	13.27	10.16	15.09	0.874	0.666	3.128	9.136	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 94.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	8.65	9.10	13.22	10.13	14.55	0.843	0.642	3.016	8.42	9.088
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.65	9.10	13.22	10.13		0.843	0.642		8.425	
CO Total Exhaust:	8.65	9.10	13.22	10.13	14.55	0.843	0.642	3.016	8.42	9.088

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 95.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.62	9.07	13.18	10.09	14.05	0.813	0.620	2.911	8.11	9.042

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.62	9.07	13.18	10.09		0.813	0.620		8.110	
CO Total Exhaust:	8.62	9.07	13.18	10.09	14.05	0.813	0.620	2.911	8.11	9.042

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 96.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.66	9.11	13.23	10.14	13.66	0.789	0.601	2.823	7.80	9.065

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.66	9.11	13.23	10.14		0.789	0.601		7.804	
CO Total Exhaust:	8.66	9.11	13.23	10.14	13.66	0.789	0.601	2.823	7.80	9.065

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 97.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	8.69	9.15	13.28	10.18	13.29	0.766	0.584	2.740	7.52 9.086
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	8.69	9.15	13.28	10.18		0.766	0.584		7.518
CO Total Exhaust:	8.69	9.15	13.28	10.18	13.29	0.766	0.584	2.740	7.52 9.086

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 98.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	8.73	9.19	13.32	10.22	12.94	0.744	0.567	2.662	7.25 9.106	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.73	9.19	13.32	10.22		0.744	0.567		7.248	
CO Total Exhaust:	8.73	9.19	13.32	10.22	12.94	0.744	0.567	2.662	7.25 9.106	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 99.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 50					

	GVWR:	<6000	>6000	(All)	2002MONT					
	-----	-----	-----	-----	-----	-----	-----	-----	-----	
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.76	9.23	13.36	10.26	12.62	0.723	0.552	2.589	7.00	9.125

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	8.76	9.23	13.36	10.26		0.723	0.552		6.995	
CO Total Exhaust:	8.76	9.23	13.36	10.26	12.62	0.723	0.552	2.589	7.00	9.125

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 100.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 35.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

	Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
	GVWR:	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	

Composite Emission Factors (g/mi):											
Composite CO :	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.520	6.76	9.143	

Exhaust emissions (g/mi):											
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000		
CO Running:	8.79	9.26	13.40	10.29		0.704	0.537		6.756		
CO Total Exhaust:	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.520	6.76	9.143	

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1

* File 1, Run 1, Scenario 101.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 36.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

	Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
						Page 51					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	8.95	9.43	13.62	10.48	12.10	0.689	0.526	2.467	6.55 9.292
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	8.95	9.43	13.62	10.48		0.689	0.526		6.547
CO Total Exhaust:	8.95	9.43	13.62	10.48	12.10	0.689	0.526	2.467	6.55 9.292

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 102.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.11	9.60	13.83	10.65	11.91	0.676	0.515	2.418	6.35 9.433	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.11	9.60	13.83	10.65		0.676	0.515		6.350	
CO Total Exhaust:	9.11	9.60	13.83	10.65	11.91	0.676	0.515	2.418	6.35 9.433	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 103.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 52					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.370	6.16	9.567
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.25	9.75	14.03	10.82		0.662	0.505		6.162	
CO Total Exhaust:	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.370	6.16	9.567

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 104.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.326	5.98	9.694
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.39	9.89	14.22	10.97		0.650	0.495		5.985	
CO Total Exhaust:	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.326	5.98	9.694

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 105.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 53					

				2002MONT						
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.52	10.03	14.39	11.12	11.39	0.638	0.486	2.283	5.82	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.52	10.03	14.39	11.12		0.638	0.486		5.816	
CO Total Exhaust:	9.52	10.03	14.39	11.12	11.39	0.638	0.486	2.283	9.814	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 106.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.257	5.69	9.967
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.68	10.20	14.61	11.30		0.631	0.481		5.685	
CO Total Exhaust:	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.257	9.967	

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 107.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 54					

	GVWR:	<6000	>6000	(All)	2002MONT					
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	9.84	10.36	14.82	11.48	11.28	0.624	0.476	2.232	5.56	10.112

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.84	10.36	14.82	11.48		0.624	0.476		5.561	
CO Total Exhaust:	9.84	10.36	14.82	11.48	11.28	0.624	0.476	2.232	5.56	10.112

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 108.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	9.98	10.52	15.02	11.64	11.23	0.617	0.471	2.209	5.44	10.251

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.98	10.52	15.02	11.64		0.617	0.471		5.443	
CO Total Exhaust:	9.98	10.52	15.02	11.64	11.23	0.617	0.471	2.209	5.44	10.251

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1
 * File 1, Run 1, Scenario 109.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 55					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.12	10.66	15.21	11.80	11.18	0.611	0.466	2.186	5.33	10.383
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.12	10.66	15.21	11.80		0.611	0.466		5.330	
CO Total Exhaust:	10.12	10.66	15.21	11.80	11.18	0.611	0.466	2.186	5.33	10.383

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1
 * File 1, Run 1, Scenario 110.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.165	5.22	10.510
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.26	10.81	15.39	11.95		0.605	0.461		5.222	
CO Total Exhaust:	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.165	5.22	10.510

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 46.0 Month: 01 1
 * File 1, Run 1, Scenario 111.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 46.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 56					

GVWR:					2002MONT					
		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.42	10.97	15.60	12.13	11.22	0.604	0.460	2.161	5.17	10.666
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.42	10.97	15.60	12.13		0.604	0.460		5.169	
CO Total Exhaust:	10.42	10.97	15.60	12.13	11.22	0.604	0.460	2.161	5.17	10.666

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 47.0 Month: 01 1

* File 1, Run 1, Scenario 112.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 47.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.57	11.13	15.81	12.30	11.29	0.603	0.460	2.158	5.12	10.815
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.57	11.13	15.81	12.30		0.603	0.460		5.119	
CO Total Exhaust:	10.57	11.13	15.81	12.30	11.29	0.603	0.460	2.158	5.12	10.815

* #####

* St & Cnty: 24031 Mont MY: 2002 Speed: 48.0 Month: 01 1

* File 1, Run 1, Scenario 113.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 48.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes

Evap I/M Program: No

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 57					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046
Composite Emission Factors (g/mi):									
Composite CO :	10.72	11.29	16.00	12.46	11.37	0.602	0.459	2.154	5.07
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	10.72	11.29	16.00	12.46		0.602	0.459		5.070
CO Total Exhaust:	10.72	11.29	16.00	12.46	11.37	0.602	0.459	2.154	10.958

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 49.0 Month: 01 1
 * File 1, Run 1, Scenario 114.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 49.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.86	11.44	16.19	12.62	11.44	0.601	0.458	2.151	5.02	11.095
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.86	11.44	16.19	12.62		0.601	0.458		5.024	
CO Total Exhaust:	10.86	11.44	16.19	12.62	11.44	0.601	0.458	2.151	5.02	11.095

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 50.0 Month: 01 1
 * File 1, Run 1, Scenario 115.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 58					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.99	11.58	16.38	12.77	11.51	0.600	0.458	2.148	4.98	11.227
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.99	11.58	16.38	12.77		0.600	0.458		4.979	
CO Total Exhaust:	10.99	11.58	16.38	12.77	11.51	0.600	0.458	2.148	4.98	11.227

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 51.0 Month: 01 1
 * File 1, Run 1, Scenario 116.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.15	11.74	16.59	12.95	11.73	0.605	0.461	2.166	4.98	11.386
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.15	11.74	16.59	12.95		0.605	0.461		4.979	
CO Total Exhaust:	11.15	11.74	16.59	12.95	11.73	0.605	0.461	2.166	4.98	11.386

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 52.0 Month: 01 1
 * File 1, Run 1, Scenario 117.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 59					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	11.30	11.90	16.79	13.12	11.95	0.610	0.465	2.183	4.98 11.539
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	11.30	11.90	16.79	13.12		0.610	0.465		4.979
CO Total Exhaust:	11.30	11.90	16.79	13.12	11.95	0.610	0.465	2.183	4.98 11.539

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 118.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	11.45	12.06	16.99	13.29	12.16	0.615	0.469	2.199	4.98 11.687	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.45	12.06	16.99	13.29		0.615	0.469		4.979	
CO Total Exhaust:	11.45	12.06	16.99	13.29	12.16	0.615	0.469	2.199	4.98 11.687	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 54.0 Month: 01 1
 * File 1, Run 1, Scenario 119.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 60					

GVWR:		<6000	>6000	(All)	2002MONT					
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.59	12.21	17.18	13.45	12.36	0.619	0.472	2.215	4.98	11.829
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.59	12.21	17.18	13.45		0.619	0.472		4.979	
CO Total Exhaust:	11.59	12.21	17.18	13.45	12.36	0.619	0.472	2.215	4.98	11.829

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 55.0 Month: 01 1
 * File 1, Run 1, Scenario 120.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.73	12.35	17.37	13.60	12.56	0.623	0.475	2.231	4.98	11.966
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.73	12.35	17.37	13.60		0.623	0.475		4.979	
CO Total Exhaust:	11.73	12.35	17.37	13.60	12.56	0.623	0.475	2.231	4.98	11.966

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 56.0 Month: 01 1
 * File 1, Run 1, Scenario 121.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 61					

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.88	12.51	17.58	13.78	12.97	0.635	0.484	2.272	6.26	12.136
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.88	12.51	17.58	13.78		0.635	0.484		6.264	
CO Total Exhaust:	11.88	12.51	17.58	13.78	12.97	0.635	0.484	2.272	6.26	12.136

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 122.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	12.04	12.67	17.78	13.95	13.37	0.646	0.493	2.312	7.50	12.300
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.04	12.67	17.78	13.95		0.646	0.493		7.504	
CO Total Exhaust:	12.04	12.67	17.78	13.95	13.37	0.646	0.493	2.312	7.50	12.300

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 58.0 Month: 01 1
 * File 1, Run 1, Scenario 123.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 62					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	12.18	12.83	17.98	14.11	13.75	0.657	0.501	2.351	8.70 12.458
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	12.18	12.83	17.98	14.11		0.657	0.501		8.701
CO Total Exhaust:	12.18	12.83	17.98	14.11	13.75	0.657	0.501	2.351	8.70 12.458

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 59.0 Month: 01 1
 * File 1, Run 1, Scenario 124.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 59.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	12.32	12.98	18.17	14.27	14.12	0.667	0.509	2.388	9.86 12.611	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.32	12.98	18.17	14.27		0.667	0.509		9.857	
CO Total Exhaust:	12.32	12.98	18.17	14.27	14.12	0.667	0.509	2.388	9.86 12.611	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 60.0 Month: 01 1
 * File 1, Run 1, Scenario 125.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 63					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000
Composite Emission Factors (g/mi):									
Composite CO :	12.46	13.12	18.36	14.43	14.48	0.677	0.516	2.424	10.98 12.759
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	12.46	13.12	18.36	14.43		0.677	0.516		10.975
CO Total Exhaust:	12.46	13.12	18.36	14.43	14.48	0.677	0.516	2.424	10.98 12.759

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 61.0 Month: 01 1
 * File 1, Run 1, Scenario 126.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046 1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	12.62	13.29	18.57	14.60	15.15	0.697	0.532	2.495	12.25 12.935	
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.62	13.29	18.57	14.60		0.697	0.532		12.253	
CO Total Exhaust:	12.62	13.29	18.57	14.60	15.15	0.697	0.532	2.495	12.25 12.935	

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 62.0 Month: 01 1
 * File 1, Run 1, Scenario 127.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 64					

2002MONT

GVWR:	<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130	0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	12.77	13.44	18.77	14.77	15.81	0.716	0.546	2.564	13.49
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	12.77	13.44	18.77	14.77		0.716	0.546		13.490
CO Total Exhaust:	12.77	13.44	18.77	14.77	15.81	0.716	0.546	2.564	13.49

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 63.0 Month: 01 1
 * File 1, Run 1, Scenario 128.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	12.92	13.60	18.97	14.94	16.44	0.735	0.560	2.631	14.69	13.272
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	12.92	13.60	18.97	14.94		0.735	0.560		14.687	
CO Total Exhaust:	12.92	13.60	18.97	14.94	16.44	0.735	0.560	2.631	14.69	13.272

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 129.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 65					

2002MONT

GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	24.24	24.30	26.42	24.83	12.41	0.711	0.542	2.545	6.78	22.803

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	24.24	24.30	26.42	24.83		0.711	0.542		6.779	
CO Total Exhaust:	24.24	24.30	26.42	24.83	12.41	0.711	0.542	2.545	6.78	22.803

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 132.
 * #####
 * FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKCOLD.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	<6000	>6000	(All)	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000

Composite Emission Factors (g/mi):

Composite CO :	28.69	28.27	35.26	30.01	33.50	3.743	2.326	6.725	33.32	28.036

Exhaust emissions (g/mi):

CO Start:	21.93	21.15	23.72	21.79		1.864	0.893		13.939	
CO Running:	6.76	7.11	11.54	8.22		1.879	1.433		19.385	
CO Total Exhaust:	28.69	28.27	35.26	30.01	33.50	3.743	2.326	6.725	33.32	28.036

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 133.
 * #####
 * FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKHOT.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

2002MONT

GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4579	0.3400	0.1130		0.0225	0.0015	0.0036	0.0569	0.0046	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.33	9.73	14.67	10.96	33.50	2.503	1.731	6.725	21.78	10.483
Exhaust emissions (g/mi):										
CO Start:	2.57	2.61	3.13	2.74		0.624	0.299		2.400	
CO Running:	6.76	7.11	11.54	8.22		1.879	1.433		19.385	
CO Total Exhaust:	9.33	9.73	14.67	10.96	33.50	2.503	1.731	6.725	21.78	10.483

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 134.
 * #####
 * FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.76	7.11	11.54	8.22	33.52	1.879	1.432	6.741	19.38	7.628
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	6.76	7.11	11.54	8.22		1.879	1.432		19.385	
CO Total Exhaust:	6.76	7.11	11.54	8.22	33.52	1.879	1.432	6.741	19.38	7.628

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 135.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc

M 52 Warning:
 1.00 speed increased to 2.5 mph minimum

M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2002MONT

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	39.63	38.41	60.77	43.98	77.87	4.056	3.092	14.552	92.24	41.670

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	39.63	38.41	60.77	43.98		4.056	3.092		92.240	
CO Total Exhaust:	39.63	38.41	60.77	43.98	77.87	4.056	3.092	14.552	92.24	41.670

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 136.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
 M 52 Warning:

2.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	<6000	>6000	(All)							
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	39.63	38.41	60.77	43.98	77.87	4.056	3.092	14.552	92.24	41.670

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	39.63	38.41	60.77	43.98		4.056	3.092		92.240	
CO Total Exhaust:	39.63	38.41	60.77	43.98	77.87	4.056	3.092	14.552	92.24	41.670

* # # # # #
 * St & Cnty: 24031 Mont MY: 2002 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 137.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 69

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	33.42	32.67	51.30	37.32	72.66	3.808	2.903	13.661	79.21	35.306
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	33.42	32.67	51.30	37.32		3.808	2.903		79.205	
CO Total Exhaust:	33.42	32.67	51.30	37.32	72.66	3.808	2.903	13.661	79.21	35.306

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 138.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	25.64	25.50	39.46	28.98	66.13	3.497	2.666	12.547	62.91	27.350
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	25.64	25.50	39.46	28.98		3.497	2.666		62.912	
CO Total Exhaust:	25.64	25.50	39.46	28.98	66.13	3.497	2.666	12.547	62.91	27.350

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 139.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 70

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	20.98	21.19	32.36	23.98	62.22	3.311	2.524	11.879	53.14	22.576

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	20.98	21.19	32.36	23.98		3.311	2.524		53.137	
CO Total Exhaust:	20.98	21.19	32.36	23.98	62.22	3.311	2.524	11.879	53.14	22.576

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 140.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	18.24	18.56	28.13	20.95	55.28	2.968	2.263	10.650	43.93	19.673

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	18.24	18.56	28.13	20.95		2.968	2.263		43.934	
CO Total Exhaust:	18.24	18.56	28.13	20.95	55.28	2.968	2.263	10.650	43.93	19.673

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 141.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 71

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	16.27	16.68	25.10	18.78	50.32	2.724	2.076	9.772	37.36	17.599
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	16.27	16.68	25.10	18.78		2.724	2.076		37.360	
CO Total Exhaust:	16.27	16.68	25.10	18.78	50.32	2.724	2.076	9.772	37.36	17.599

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 142.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	14.80	15.27	22.83	17.16	46.60	2.540	1.936	9.113	32.43	16.044
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	14.80	15.27	22.83	17.16		2.540	1.936		32.430	
CO Total Exhaust:	14.80	15.27	22.83	17.16	46.60	2.540	1.936	9.113	32.43	16.044

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 143.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 72

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	13.66	14.18	21.07	15.90	43.71	2.397	1.828	8.601	28.60	14.835

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	13.66	14.18	21.07	15.90		2.397	1.828		28.595	
CO Total Exhaust:	13.66	14.18	21.07	15.90	43.71	2.397	1.828	8.601	28.60	14.835

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 10.0 Month: 01 1
 * File 1, Run 1, Scenario 144.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	12.75	13.30	19.65	14.89	41.40	2.283	1.741	8.191	25.53	13.867

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	12.75	13.30	19.65	14.89		2.283	1.741		25.528	
CO Total Exhaust:	12.75	13.30	19.65	14.89	41.40	2.283	1.741	8.191	25.53	13.867

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 145.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 73

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	12.14	12.68	18.71	14.18	38.04	2.110	1.608	7.569	23.09	13.195

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	12.14	12.68	18.71	14.18		2.110	1.608		23.088	
CO Total Exhaust:	12.14	12.68	18.71	14.18	38.04	2.110	1.608	7.569	23.09	13.195

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 12.0 Month: 01 1
* File 1, Run 1, Scenario 146.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 12.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	11.64	12.16	17.93	13.60	35.25	1.965	1.498	7.051	21.05	12.634

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	11.64	12.16	17.93	13.60		1.965	1.498		21.054	
CO Total Exhaust:	11.64	12.16	17.93	13.60	35.25	1.965	1.498	7.051	21.05	12.634

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 147.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 74

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	11.21	11.72	17.26	13.10	32.88	1.843	1.405	6.612	19.33	12.160

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	11.21	11.72	17.26	13.10		1.843	1.405		19.334	
CO Total Exhaust:	11.21	11.72	17.26	13.10	32.88	1.843	1.405	6.612	19.33	12.160

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 14.0 Month: 01 1
* File 1, Run 1, Scenario 148.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 14.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	10.84	11.34	16.69	12.68	30.86	1.738	1.325	6.237	17.86	11.754

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.84	11.34	16.69	12.68		1.738	1.325		17.859	
CO Total Exhaust:	10.84	11.34	16.69	12.68	30.86	1.738	1.325	6.237	17.86	11.754

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 15.0 Month: 01 1
* File 1, Run 1, Scenario 149.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 15.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 75

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.53	11.02	16.20	12.31	29.10	1.648	1.256	5.911	16.58	11.402
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.53	11.02	16.20	12.31		1.648	1.256		16.581	
CO Total Exhaust:	10.53	11.02	16.20	12.31	29.10	1.648	1.256	5.911	16.58	11.402

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 150.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTD Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.25	10.73	15.76	11.99	27.23	1.547	1.179	5.549	15.55	11.092
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.25	10.73	15.76	11.99		1.547	1.179		15.551	
CO Total Exhaust:	10.25	10.73	15.76	11.99	27.23	1.547	1.179	5.549	15.55	11.092

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 151.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 76

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	10.01	10.48	15.38	11.70	25.58	1.458	1.111	5.230	14.64	10.818

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.01	10.48	15.38	11.70		1.458	1.111		14.642	
CO Total Exhaust:	10.01	10.48	15.38	11.70	25.58	1.458	1.111	5.230	14.64	10.818

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 152.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 18.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.79	10.26	15.04	11.45	24.11	1.379	1.051	4.946	13.83	10.574

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.79	10.26	15.04	11.45		1.379	1.051		13.835	
CO Total Exhaust:	9.79	10.26	15.04	11.45	24.11	1.379	1.051	4.946	13.83	10.574

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 19.0 Month: 01 1
* File 1, Run 1, Scenario 153.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 19.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 77

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.59	10.06	14.74	11.22	22.79	1.308	0.997	4.692	13.11	10.357

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.59	10.06	14.74	11.22		1.308	0.997		13.112	
CO Total Exhaust:	9.59	10.06	14.74	11.22	22.79	1.308	0.997	4.692	13.11	10.357

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 154.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.42	9.88	14.47	11.02	21.61	1.244	0.949	4.464	12.46	10.160

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.42	9.88	14.47	11.02		1.244	0.949		12.462	
CO Total Exhaust:	9.42	9.88	14.47	11.02	21.61	1.244	0.949	4.464	12.46	10.160

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 155.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 78

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.28	9.73	14.25	10.86	20.50	1.182	0.901	4.241	11.86	10.003

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.28	9.73	14.25	10.86		1.182	0.901		11.860	
CO Total Exhaust:	9.28	9.73	14.25	10.86	20.50	1.182	0.901	4.241	11.86	10.003

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 22.0 Month: 01 1
* File 1, Run 1, Scenario 156.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 22.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.15	9.60	14.06	10.72	19.50	1.126	0.858	4.039	11.31	9.860

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.15	9.60	14.06	10.72		1.126	0.858		11.314	
CO Total Exhaust:	9.15	9.60	14.06	10.72	19.50	1.126	0.858	4.039	11.31	9.860

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 157.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 79

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.03	9.49	13.88	10.58	18.58	1.074	0.819	3.854	10.81	9.729
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.03	9.49	13.88	10.58		1.074	0.819		10.815	
CO Total Exhaust:	9.03	9.49	13.88	10.58	18.58	1.074	0.819	3.854	10.81	9.729

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 24.0 Month: 01 1
 * File 1, Run 1, Scenario 158.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.93	9.38	13.72	10.46	17.73	1.027	0.783	3.684	10.36	9.609
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.93	9.38	13.72	10.46		1.027	0.783		10.357	
CO Total Exhaust:	8.93	9.38	13.72	10.46	17.73	1.027	0.783	3.684	10.36	9.609

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 159.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 80

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.83	9.28	13.57	10.35	16.96	0.983	0.750	3.528	9.94	9.498

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.83	9.28	13.57	10.35		0.983	0.750		9.937	
CO Total Exhaust:	8.83	9.28	13.57	10.35	16.96	0.983	0.750	3.528	9.94	9.498

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 160.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.78	9.23	13.48	10.29	16.29	0.944	0.720	3.387	9.52	9.442

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.78	9.23	13.48	10.29		0.944	0.720		9.515	
CO Total Exhaust:	8.78	9.23	13.48	10.29	16.29	0.944	0.720	3.387	9.52	9.442

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 161.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 81

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.74	9.19	13.40	10.24	15.67	0.908	0.692	3.257	9.12	9.389

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.74	9.19	13.40	10.24		0.908	0.692		9.125	
CO Total Exhaust:	8.74	9.19	13.40	10.24	15.67	0.908	0.692	3.257	9.12	9.389

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 162.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.70	9.15	13.33	10.19	15.09	0.874	0.666	3.136	8.76	9.340

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.70	9.15	13.33	10.19		0.874	0.666		8.762	
CO Total Exhaust:	8.70	9.15	13.33	10.19	15.09	0.874	0.666	3.136	8.76	9.340

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 163.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 82

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.66	9.11	13.26	10.15	14.56	0.843	0.642	3.024	8.42	9.295

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.66	9.11	13.26	10.15		0.843	0.642		8.425	
CO Total Exhaust:	8.66	9.11	13.26	10.15	14.56	0.843	0.642	3.024	8.42	9.295

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 164.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.63	9.08	13.20	10.11	14.06	0.813	0.620	2.918	8.11	9.253

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.63	9.08	13.20	10.11		0.813	0.620		8.110	
CO Total Exhaust:	8.63	9.08	13.20	10.11	14.06	0.813	0.620	2.918	8.11	9.253

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 165.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 83

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.67	9.12	13.25	10.15	13.66	0.789	0.601	2.830	7.80	9.286

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.67	9.12	13.25	10.15		0.789	0.601		7.804	
CO Total Exhaust:	8.67	9.12	13.25	10.15	13.66	0.789	0.601	2.830	7.80	9.286

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 32.0 Month: 01 1
* File 1, Run 1, Scenario 166.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 32.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.70	9.16	13.29	10.19	13.29	0.766	0.584	2.747	7.52	9.318

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.70	9.16	13.29	10.19		0.766	0.584		7.518	
CO Total Exhaust:	8.70	9.16	13.29	10.19	13.29	0.766	0.584	2.747	7.52	9.318

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 33.0 Month: 01 1
* File 1, Run 1, Scenario 167.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 84

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.73	9.19	13.33	10.23	12.95	0.744	0.567	2.669	7.25	9.347
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.73	9.19	13.33	10.23		0.744	0.567		7.248	
CO Total Exhaust:	8.73	9.19	13.33	10.23	12.95	0.744	0.567	2.669	7.25	9.347

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 168.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	8.76	9.23	13.37	10.26	12.62	0.723	0.552	2.596	7.00	9.375
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.76	9.23	13.37	10.26		0.723	0.552		6.995	
CO Total Exhaust:	8.76	9.23	13.37	10.26	12.62	0.723	0.552	2.596	7.00	9.375

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 169.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 85

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.526	6.76	9.401

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.79	9.26	13.40	10.29		0.704	0.537		6.756	
CO Total Exhaust:	8.79	9.26	13.40	10.29	12.31	0.704	0.537	2.526	6.76	9.401

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 170.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	8.95	9.43	13.62	10.48	12.11	0.689	0.526	2.474	6.55	9.567

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	8.95	9.43	13.62	10.48		0.689	0.526		6.547	
CO Total Exhaust:	8.95	9.43	13.62	10.48	12.11	0.689	0.526	2.474	6.55	9.567

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 171.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 86

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.11	9.60	13.83	10.65	11.92	0.676	0.515	2.424	6.35	9.724

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.11	9.60	13.83	10.65		0.676	0.515		6.350	
CO Total Exhaust:	9.11	9.60	13.83	10.65	11.92	0.676	0.515	2.424	6.35	9.724

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 172.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.376	6.16	9.872

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.25	9.75	14.03	10.82		0.662	0.505		6.162	
CO Total Exhaust:	9.25	9.75	14.03	10.82	11.73	0.662	0.505	2.376	6.16	9.872

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 173.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 87

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.331	5.98	10.013

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.39	9.89	14.22	10.97		0.650	0.495		5.985	
CO Total Exhaust:	9.39	9.89	14.22	10.97	11.56	0.650	0.495	2.331	5.98	10.013

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 174.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.52	10.03	14.39	11.12	11.40	0.638	0.486	2.289	5.82	10.147

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.52	10.03	14.39	11.12		0.638	0.486		5.816	
CO Total Exhaust:	9.52	10.03	14.39	11.12	11.40	0.638	0.486	2.289	5.82	10.147

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 175.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 88

2002MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.263	5.69	10.312

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.68	10.20	14.61	11.30		0.631	0.481		5.685	
CO Total Exhaust:	9.68	10.20	14.61	11.30	11.34	0.631	0.481	2.263	5.69	10.312

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 176.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.84	10.36	14.82	11.48	11.29	0.624	0.476	2.238	5.56	10.470

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.84	10.36	14.82	11.48		0.624	0.476		5.561	
CO Total Exhaust:	9.84	10.36	14.82	11.48	11.29	0.624	0.476	2.238	5.56	10.470

* #####
 * St & Cnty: 24031 Mont MY: 2002 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 177.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: No
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 89

2002MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.98	10.52	15.02	11.64	11.24	0.617	0.471	2.214	5.44	10.620

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	9.98	10.52	15.02	11.64		0.617	0.471		5.443	
CO Total Exhaust:	9.98	10.52	15.02	11.64	11.24	0.617	0.471	2.214	5.44	10.620

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 44.0 Month: 01 1
* File 1, Run 1, Scenario 178.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	10.12	10.66	15.20	11.80	11.19	0.611	0.466	2.192	5.33	10.763

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.12	10.66	15.20	11.80		0.611	0.466		5.330	
CO Total Exhaust:	10.12	10.66	15.20	11.80	11.19	0.611	0.466	2.192	5.33	10.763

* #####
* St & Cnty: 24031 Mont MY: 2002 Speed: 45.0 Month: 01 1
* File 1, Run 1, Scenario 179.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2002
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: Yes
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Page 90

Ether Blend Oxygen Content: 0.015		2002MONT Alcohol Blend Oxygen Content: 0.035 Alcohol Blend RVP Waiver: No								
Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.4887	0.3629	0.1206		0.0049	0.0016	0.0039	0.0125	0.0049	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.170	5.22	10.900

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	2.74		0.000	0.000		0.000	
CO Running:	10.26	10.81	15.39	11.95		0.605	0.461		5.222	
CO Total Exhaust:	10.26	10.81	15.39	11.95	11.14	0.605	0.461	2.170	5.22	10.900

```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Montgomery

REPORT FILE      : e:\aqprog\mobile62\06mont\co\2015mont.out REPLACE
DATABASE OUTPUT  :
WITH FIELDNAMES  :
pollutants       : CO
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\mobile62\06mont\co\2015mont.TB1 REPLACE
SPREADSHEET      : e:\aqprog\mobile62\06mont\co\2015mont..TAB REPLACE
AGGREGATED OUTPUT :

RUN DATA        :
>COMMENTS
>24 031

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE :
EXPAND EXHAUST     :

NO REFUELING       :
REBUILD EFFECTS    : 0.90
WE DA TRI LEN DI   : e:\aqprog\mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP        : e:\aqprog\mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM       : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - EXT_DATA\RTD\R05_MONT.RDT
REG DIST          : e:\aqprog\mobile62\06mdcom\Ext_Data\RTD\R05_MONT.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02_MP.ATP
ANTI-TAMP PROG    :
** Applicable for counties: Montgomery and Prince George's
89 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_2010_MP.IM
>IM Program. Idle, IM240, and OBD.
>Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

*Idle older LDGV, LDGT
I/M PROGRAM       : 1 1984 2050 2 T/O Idle
I/M MODEL YEARS   : 1 1977 1983
I/M VEHICLES      : 1 22222 11111111 1
I/M STRINGENCY    : 1 20.0
I/M COMPLIANCE    : 1 96.0
I/M WAIVER RATES  : 1 13.8 13.8
I/M GRACE PERIOD  : 1 2

*Idle HDGT
I/M PROGRAM       : 2 1984 2050 2 T/O Idle
I/M MODEL YEARS   : 2 1977 2050
I/M VEHICLES      : 2 11111 22222111 1
I/M STRINGENCY    : 2 20.0
I/M COMPLIANCE    : 2 96.0
I/M WAIVER RATES  : 2 13.8 13.8
I/M GRACE PERIOD  : 2 2

*IM240
I/M PROGRAM       : 3 1984 2050 2 T/O IM240
I/M MODEL YEARS   : 3 1984 1995
I/M VEHICLES      : 3 22222 11111111 1
I/M STRINGENCY    : 3 20.0
I/M COMPLIANCE    : 3 96.0
I/M WAIVER RATES  : 3 13.8 13.8
I/M CUTPOINTS     : 3 e:\aqprog\mobile62\06mdcom\ext_data\IM_ATP\MD.C10
I/M GRACE PERIOD  : 3 2

*OBD
I/M PROGRAM       : 4 1984 2050 2 T/O OBD I/M
I/M MODEL YEARS   : 4 1996 2050
I/M VEHICLES      : 4 22222 11111111 1
I/M STRINGENCY    : 4 20.0
I/M COMPLIANCE    : 4 96.0
I/M WAIVER RATES  : 4 5.4 5.4
I/M GRACE PERIOD  : 4 2

*OBD Evap (Actual Start Year: July 2002)
I/M PROGRAM       : 5 2002 2050 2 T/O EVAP OBD
I/M MODEL YEARS   : 5 1996 2050
I/M VEHICLES      : 5 22222 11111111 1
I/M COMPLIANCE    : 5 96.0
I/M WAIVER RATES  : 5 5.4 5.4
I/M GRACE PERIOD  : 5 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D10_MONT
DIESEL FRACTIONS :
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0036 0.0034 0.0043 0.0025
0.0022 0.0033 0.0022 0.0013 0.0020 0.0019 0.0004 0.0013 0.0023 0.0055
0.0010 0.0007 0.0004 0.0273 0.0153
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0008
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0028 0.0000
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0010 0.0054
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000
0.0000 0.0004 0.0012 0.0004 0.0028 0.0079 0.0025 0.0023 0.0005 0.0034
0.0050 0.0068 0.0109 0.0089 0.0169
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0009 0.0000 0.0000 0.0000

```

2015mont

0.0007	0.0005	0.0004	0.0065	0.0146	0.0155	0.0172	0.0059	0.0102	0.0183
0.0288	0.0116	0.0047	0.0409	0.0471					
0.2928	0.2928	0.2928	0.2928	0.2928	0.2928	0.2976	0.2356	0.2420	0.2112
0.2042	0.2699	0.1572	0.3314	0.3080	0.2452	0.2608	0.3049	0.1870	0.2342
0.2041	0.1640	0.1822	0.2488	0.2290					
0.6980	0.6980	0.6980	0.6980	0.6980	0.6980	0.5259	0.5592	0.5244	0.5352
0.5490	0.6704	0.3799	0.4052	0.5667	0.4346	0.4041	0.5274	0.4444	0.4184
0.4094	0.3949	0.3810	0.3972	0.4031					
0.8471	0.8471	0.8471	0.8471	0.8471	0.8471	0.7544	0.6182	0.5973	0.5135
0.6372	0.5885	0.4375	0.5714	0.5261	0.6081	0.3929	0.6087	0.2828	0.3258
0.3876	0.3672	0.3452	0.0147	0.0000					
0.9574	0.9574	0.9574	0.9574	0.9574	0.9574	0.9273	0.9192	0.8563	0.9392
0.8368	0.7162	0.6230	0.2394	0.4878	0.3611	0.5818	0.8529	0.7308	0.6250
0.6667	0.7692	0.3571	0.6190	0.2857					
0.9614	0.9614	0.9614	0.9614	0.9614	0.9614	0.8207	0.8262	0.8649	0.9118
0.8547	0.7971	0.8663	0.9486	0.9623	0.9677	0.9380	0.9379	0.6271	0.7849
0.8396	0.5889	0.6129	0.6769	0.5333					
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9697	1.0000	1.0000	0.9933
0.9748	0.8961	0.9147	0.8521	0.9053	0.9774	0.9192	0.9667	0.9369	0.9470
0.9271	0.8625	0.9161	0.8403	0.7412					
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9975
0.9978	1.0000	1.0000	1.0000	1.0000	0.9968	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	0.9759				
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MIN/MAX TEMPERATURE: 33.00 53.00
FUEL RVP : 12.90

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
CALENDAR YEAR : 2015

```

2015mont
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :

```


2015mont

0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1

```

2015mont
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

```

2015mont

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial

2015mont
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 44.0 Month: 01 1

```

2015mont
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 46.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 47.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 47.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 48.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 48.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 49.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 49.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 50.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 50.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 51.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 51.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

```

2015mont
* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 52.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 52.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 53.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 53.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 54.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 54.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 55.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 56.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 57.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 58.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 59.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
CALENDAR YEAR : 2015

```

```

                                2015mont
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 60.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 61.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 62.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 64.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 65.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :

```

2015mont

0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1


```

2015mont
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

```

2015mont

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Non-Ramp

2015mont
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1

>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp 2015mont SCENARIO: 97 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 32.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 33.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 34.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 35.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 36.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

 * VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

 SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2015mont

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 46.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM

VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 47.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp
CALENDAR YEAR : 2015

2015mont

EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 47.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 48.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 48.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 49.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 49.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 50.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 50.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 51.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 51.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 52.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 52.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 53.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 53.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :
 0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
 0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 54.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
 CALENDAR YEAR : 2015
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 54.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
 VMT FRACTIONS :

2015mont

0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 55.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 55.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 56.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 56.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 57.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 57.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 58.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 58.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 59.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 59.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 60.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 60.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 61.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 61.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 62.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1

```

2015mont
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 62.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 63.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 63.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 64.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 64.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 65.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 65.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 34.6 Month: 01 1
>FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV4.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V10_MONT.VM
VMT FRACTIONS :
0.3462 0.0878 0.3172 0.1085 0.0525 0.0278 0.0026 0.0022
0.0025 0.0072 0.0057 0.0069 0.0284 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1
>FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

```


2015mont

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 8.00 Arterial

2015mont
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 9.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 9.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1

```

2015mont
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

```

```

2015mont
* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
CALENDAR YEAR : 2015

```

```

                                2015mont
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :

```

2015mont

0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

SCENARIO RECORD : St & Cnty: 2403 mont1 MY: 2015 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
CALENDAR YEAR : 2015
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L10_MONT.VM
VMT FRACTIONS :
0.3708 0.0941 0.3397 0.1162 0.0562 0.0061 0.0006 0.0005
0.0005 0.0016 0.0012 0.0015 0.0062 0.0000 0.0000 0.0048

END OF RUN :

```

*****2015MONT*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 2015MONT.INP (file 1, run 1). *
*****
*COMMENTS
*24 031
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading non-default WEEKDAY RUNNING LOSS HOURLY TRIP LENGTH FRACTIONS
* from the following external data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\TRIP_LEN\WEEKTLD2.WDT

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\RDT\R05_MONT.RDT
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
*IM Program. Idle, IM240, and OBD.
*Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

* Reading non-default I/M CUTPOINTS from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\IM_ATP\MD.C10
* CY 10
* CUTPOINTS 75% TO FINAL for 1994 and 1995. IMPLEMENTED May 2005.
M614 Comment:
    User supplied diesel sale fractions.

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1
* File 1, Run 1, Scenario 1.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
M 52 Warning:
    1.00 speed increased to 2.5 mph minimum
M583 Warning:
    The user supplied arterial average speed of 2.5
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class HDGB
HDDV DEFEAT DEVICE EFFECTS ARE PRESENT. THE REBUILD FRACTION IS 0.90.

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2015
    Month: Jan.
    Altitude: Low
    Minimum Temperature: 33.0 (F)
    Maximum Temperature: 53.0 (F)
    Absolute Humidity: 75. grains/lb
    Nominal Fuel RVP: 12.9 psi
    Weathered RVP: 12.9 psi
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: No

    Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
    Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
    Alcohol Blend RVP Waiver: No

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.3444 0.4047 0.1609 0.0207 0.0018 0.0003 0.0626 0.0045 1.0000
    Composite Emission Factors (g/mi):
    Composite CO : 13.73 12.71 13.69 12.99 34.21 1.727 1.510 2.728 90.92 13.368
    Exhaust emissions (g/mi):

```

2015MONT

CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99	1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92 13.368

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1
 * File 1, Run 1, Scenario 2.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 2 RoadType: Arterial
 M 52 Warning:
 2.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000	

Composite Emission Factors (g/mi):

Composite CO :	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92	13.368

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99	1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92 13.368

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 3.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 3 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000	

Page 2

Composite Emission Factors (g/mi):										
Composite CO	11.67	10.87	11.71	11.11	31.92	1.622	1.418	2.561	78.08	11.480
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.67	10.87	11.71	11.11		1.622	1.418		78.076	
CO Total Exhaust:	11.67	10.87	11.71	11.11	31.92	1.622	1.418	2.561	78.08	11.480

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
* File 1, Run 1, Scenario 4.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\Q6MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.10	8.57	9.23	8.76	29.05	1.489	1.302	2.352	62.02	9.120
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.10	8.57	9.23	8.76		1.489	1.302		62.016	
CO Total Exhaust:	9.10	8.57	9.23	8.76	29.05	1.489	1.302	2.352	62.02	9.120

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 5.00 Month: 01 1
* File 1, Run 1, Scenario 5.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```

LEV phase-in data read from file E:\AQPR0G\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

2015MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.92	5.69	6.13	5.82	22.10	1.160	1.014	1.832	36.83	6.070
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.92	5.69	6.13	5.82		1.160	1.014		36.828	
CO Total Exhaust:	5.92	5.69	6.13	5.82	22.10	1.160	1.014	1.832	36.83	6.070

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 8.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.41	5.22	5.62	5.34	20.47	1.082	0.946	1.708	31.97	5.560
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.41	5.22	5.62	5.34		1.082	0.946		31.968	
CO Total Exhaust:	5.41	5.22	5.62	5.34	20.47	1.082	0.946	1.708	31.97	5.560

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 9.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes

Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.01	4.86	5.23	4.96	19.20	1.021	0.893	1.612	28.19	5.163
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.01	4.86	5.23	4.96		1.021	0.893		28.188	
CO Total Exhaust:	5.01	4.86	5.23	4.96	19.20	1.021	0.893	1.612	28.19	5.163

The user supplied arterial average speed of 10.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.70	4.57	4.91	4.67	18.18	0.972	0.850	1.535	25.16	4.846
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.70	4.57	4.91	4.67		0.972	0.850		25.164	
CO Total Exhaust:	4.70	4.57	4.91	4.67	18.18	0.972	0.850	1.535	25.16	4.846

The user supplied arterial average speed of 11.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 ≤6000	LDGT34 ≤6000	LDGT (All)	HDGV	LDDV	LDGT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.47	4.35	4.68	4.44	16.71	0.899	0.786	1.419	22.76	4.590
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.47	4.35	4.68	4.44		0.899	0.786		22.759	
CO Total Exhaust:	4.47	4.35	4.68	4.44	16.71	0.899	0.786	1.419	22.76	4.590

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
* File 1, Run 1, Scenario 12.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
```

The user supplied arterial average speed of 12.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.28	4.16	4.48	4.25	15.48	0.837	0.732	1.322	20.75	4.377

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.28	4.16	4.48	4.25		0.837	0.732		20.754	
CO Total Exhaust:	4.28	4.16	4.48	4.25	15.48	0.837	0.732	1.322	20.75	4.377

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 13.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
```

The user supplied arterial average speed of 13.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPRG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low

2015MONT
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.76	4.04	3.84	12.78	0.702	0.614	1.108	16.34	3.908
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.76	4.04	3.84		0.702	0.614		16.344	
CO Total Exhaust:	3.85	3.76	4.04	3.84	12.78	0.702	0.614	1.108	16.34	3.908

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1
* File 1, Run 1, Scenario 16.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
M583 Warning:

The user supplied arterial average speed of 16.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.75	3.66	3.93	3.73	11.96	0.659	0.576	1.040	15.33	3.787
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.75	3.66	3.93	3.73		0.659	0.576		15.329	
CO Total Exhaust:	3.75	3.66	3.93	3.73	11.96	0.659	0.576	1.040	15.33	3.787

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
* File 1, Run 1, Scenario 17.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
M583 Warning:

The user supplied arterial average speed of 17.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:

2015MONT

there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.66	3.57	3.84	3.64	11.23	0.621	0.543	0.980	14.43	3.681

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.66	3.57	3.84	3.64		0.621	0.543		14.434	
CO Total Exhaust:	3.66	3.57	3.84	3.64	11.23	0.621	0.543	0.980	14.43	3.681

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
 * File 1, Run 1, Scenario 18.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.57	3.49	3.75	3.56	10.59	0.587	0.513	0.927	13.64	3.586

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.57	3.49	3.75	3.56		0.587	0.513		13.637	
CO Total Exhaust:	3.57	3.49	3.75	3.56	10.59	0.587	0.513	0.927	13.64	3.586

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 19.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

2015MONT
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.50	3.42	3.68	3.49	10.01	0.557	0.487	0.880	12.93	3.501
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.50	3.42	3.68	3.49		0.557	0.487		12.925	
CO Total Exhaust:	3.50	3.42	3.68	3.49	10.01	0.557	0.487	0.880	12.93	3.501

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
* File 1, Run 1, Scenario 20.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 20.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.43	3.35	3.61	3.42	9.49	0.530	0.463	0.837	12.28	3.425
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.43	3.35	3.61	3.42		0.530	0.463		12.284	
CO Total Exhaust:	3.43	3.35	3.61	3.42	9.49	0.530	0.463	0.837	12.28	3.425

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
* File 1, Run 1, Scenario 21.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 21.0
will be used for all hours of the day. 100% of VMT

2015MONT

has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.30	3.55	3.37	9.01	0.503	0.440	0.795	11.69	3.359
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.38	3.30	3.55	3.37		0.503	0.440		11.691	
CO Total Exhaust:	3.38	3.30	3.55	3.37	9.01	0.503	0.440	0.795	11.69	3.359

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
* File 1, Run 1, Scenario 22.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 22.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.33	3.25	3.50	3.32	8.56	0.479	0.419	0.757	11.15	3.299
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.33	3.25	3.50	3.32		0.479	0.419		11.153	
CO Total Exhaust:	3.33	3.25	3.50	3.32	8.56	0.479	0.419	0.757	11.15	3.299

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 23.
* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2015MONT
SCENARIO: 23 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.28	3.20	3.45	3.27	8.16	0.457	0.400	0.722	10.66	3.245
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.28	3.20	3.45	3.27		0.457	0.400		10.661	
CO Total Exhaust:	3.28	3.20	3.45	3.27	8.16	0.457	0.400	0.722	10.66	3.245

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 24.0 Month: 01 1
* File 1, Run 1, Scenario 24.

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 24.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.24	3.16	3.41	3.23	7.79	0.437	0.382	0.691	10.21	3.194
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.24	3.16	3.41	3.23		0.437	0.382		10.210	
CO Total Exhaust:	3.24	3.16	3.41	3.23	7.79	0.437	0.382	0.691	10.21	3.194

2015MONT

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 25.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.20	3.12	3.36	3.19	7.45	0.419	0.366	0.661	9.79	3.148
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.20	3.12	3.36	3.19		0.419	0.366		9.795	
CO Total Exhaust:	3.20	3.12	3.36	3.19	7.45	0.419	0.366	0.661	9.79	3.148

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 26.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.18	3.11	3.35	3.18	7.16	0.402	0.352	0.635	9.38	3.124
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

	CO Running:	3.18	3.11	3.35	3.18	2015MONT	0.402	0.352		9.379	
	CO Total Exhaust:	3.18	3.11	3.35	3.18	7.16	0.402	0.352	0.635	9.38	3.124

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 27.0 Month: 01 1

* File 1, Run 1, Scenario 27.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 27.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.17	3.10	3.33	3.16	6.88	0.387	0.338	0.611	8.99	3.102

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.10	3.33	3.16		0.387	0.338		8.995	
CO Total Exhaust:	3.17	3.10	3.33	3.16	6.88	0.387	0.338	0.611	8.99	3.102

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1

* File 1, Run 1, Scenario 28.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 28.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.15	3.08	3.32	3.15	6.63	0.372	0.326	0.588	8.64	3.081

2015MONT

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.08	3.32	3.15		0.372	0.326		8.637	
CO Total Exhaust:	3.15	3.08	3.32	3.15	6.63	0.372	0.326	0.588	8.64	3.081

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1

* File 1, Run 1, Scenario 29.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 29.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.14	3.07	3.30	3.14	6.39	0.359	0.314	0.567	8.30	3.061

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.14	3.07	3.30	3.14		0.359	0.314		8.305	
CO Total Exhaust:	3.14	3.07	3.30	3.14	6.39	0.359	0.314	0.567	8.30	3.061

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1

* File 1, Run 1, Scenario 30.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 30.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

2015MONT										
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.13	3.06	3.29	3.12	6.18	0.346	0.303	0.547	7.99	3.043

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.13	3.06	3.29	3.12		0.346	0.303		7.994	
CO Total Exhaust:	3.13	3.06	3.29	3.12	6.18	0.346	0.303	0.547	7.99	3.043

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 31.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.07	3.30	3.14	6.00	0.336	0.294	0.530	7.69	3.047

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.14	3.07	3.30	3.14		0.336	0.294		7.693	
CO Total Exhaust:	3.14	3.07	3.30	3.14	6.00	0.336	0.294	0.530	7.69	3.047

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 32.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2015MONT

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.08	3.31	3.15	5.84	0.326	0.285	0.515	7.41	3.051
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.14	3.08	3.31	3.15		0.326	0.285		7.411	
CO Total Exhaust:	3.14	3.08	3.31	3.15	5.84	0.326	0.285	0.515	7.41	3.051

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 33.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.500	7.15	3.054
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.09	3.32	3.16		0.317	0.277		7.145	
CO Total Exhaust:	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.500	7.15	3.054

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 34.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

2015MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.16	3.10	3.33	3.17	5.54	0.308	0.269	0.487	6.90	3.057

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.10	3.33	3.17		0.308	0.269		6.895	
CO Total Exhaust:	3.16	3.10	3.33	3.17	5.54	0.308	0.269	0.487	6.90	3.057

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 35.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.474	6.66	3.060

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.11	3.34	3.18		0.300	0.262		6.660	
CO Total Exhaust:	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.474	6.66	3.060

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 36.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.464	6.45	3.115

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.23	3.17	3.41	3.24		0.294	0.257		6.454	
CO Total Exhaust:	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.464	6.45	3.115

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 37.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.29	3.23	3.47	3.30	5.23	0.288	0.252	0.454	6.26	3.166

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.29	3.23	3.47	3.30		0.288	0.252		6.259	
CO Total Exhaust:	3.29	3.23	3.47	3.30	5.23	0.288	0.252	0.454	6.26	3.166

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 38.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2015MONT

Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.35	3.29	3.53	3.36	5.15	0.282	0.247	0.445	6.07	3.214

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.35	3.29	3.53	3.36		0.282	0.247		6.074	
CO Total Exhaust:	3.35	3.29	3.53	3.36	5.15	0.282	0.247	0.445	6.07	3.214

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
* File 1, Run 1, Scenario 39.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 39.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.437	5.90	3.260

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.40	3.34	3.59	3.41		0.277	0.242		5.899	
CO Total Exhaust:	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.437	5.90	3.260

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
* File 1, Run 1, Scenario 40.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 40.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.

2015MONT

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.45	3.39	3.64	3.46	5.01	0.272	0.238	0.429	5.73	3.304

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.45	3.39	3.64	3.46		0.272	0.238		5.733	
CO Total Exhaust:	3.45	3.39	3.64	3.46	5.01	0.272	0.238	0.429	5.73	3.304

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 41.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.424	5.60	3.359

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.51	3.46	3.70	3.53		0.269	0.235		5.604	
CO Total Exhaust:	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.424	5.60	3.359

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 42.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

2015MONT

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.57	3.51	3.77	3.59	4.96	0.266	0.232	0.419	5.48	3.412
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.57	3.51	3.77	3.59		0.266	0.232		5.482	
CO Total Exhaust:	3.57	3.51	3.77	3.59	4.96	0.266	0.232	0.419	5.48	3.412

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 43.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.62	3.57	3.82	3.64	4.94	0.263	0.230	0.415	5.37	3.462
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.62	3.57	3.82	3.64		0.263	0.230		5.365	
CO Total Exhaust:	3.62	3.57	3.82	3.64	4.94	0.263	0.230	0.415	5.37	3.462

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 44.0 Month: 01 1
 * File 1, Run 1, Scenario 44.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 44 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.68	3.63	3.88	3.70	4.91	0.260	0.227	0.411	5.25	3.510

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.68	3.63	3.88	3.70		0.260	0.227		5.254	
CO Total Exhaust:	3.68	3.63	3.88	3.70	4.91	0.260	0.227	0.411	5.25	3.510

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 45.0 Month: 01 1
* File 1, Run 1, Scenario 45.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.73	3.68	3.93	3.75	4.89	0.258	0.225	0.407	5.15	3.556

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.73	3.68	3.93	3.75		0.258	0.225		5.148	
CO Total Exhaust:	3.73	3.68	3.93	3.75	4.89	0.258	0.225	0.407	5.15	3.556

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 46.0 Month: 01 1
* File 1, Run 1, Scenario 46.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
M583 warning:
The user supplied arterial average speed of 46.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

2015MONT

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.79	3.74	4.00	3.81	4.93	0.257	0.225	0.406	5.10	3.613

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.79	3.74	4.00	3.81		0.257	0.225		5.096	
CO Total Exhaust:	3.79	3.74	4.00	3.81	4.93	0.257	0.225	0.406	5.10	3.613

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 47.0 Month: 01 1
 * File 1, Run 1, Scenario 47.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.80	4.06	3.87	4.96	0.257	0.225	0.405	5.05	3.667

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.80	4.06	3.87		0.257	0.225		5.046	
CO Total Exhaust:	3.85	3.80	4.06	3.87	4.96	0.257	0.225	0.405	5.05	3.667

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 48.0 Month: 01 1
 * File 1, Run 1, Scenario 48.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 48.0

2015MONT

will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.90	3.85	4.12	3.93	5.00	0.256	0.224	0.405	5.00	3.719
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.90	3.85	4.12	3.93		0.256	0.224		4.998	
CO Total Exhaust:	3.90	3.85	4.12	3.93	5.00	0.256	0.224	0.405	5.00	3.719

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 49.0 Month: 01 1
* File 1, Run 1, Scenario 49.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 49.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.96	3.91	4.18	3.98	5.03	0.256	0.224	0.404	4.95	3.769
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.96	3.91	4.18	3.98		0.256	0.224		4.952	
CO Total Exhaust:	3.96	3.91	4.18	3.98	5.03	0.256	0.224	0.404	4.95	3.769

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 50.0 Month: 01 1
* File 1, Run 1, Scenario 50.


```
* #####
*FV FILE:          .FV      OPMODE: Stable      FACILITY: Arterial      SCENARIO: 50      RoadType: Arterial
```

The user supplied arterial average speed of 50.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
```

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.01	3.96	4.23	4.04	5.06	0.256	0.224	0.404	4.91	3.817

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.01	3.96	4.23	4.04		0.256	0.224		4.908	
CO Total Exhaust:	4.01	3.96	4.23	4.04	5.06	0.256	0.224	0.404	4.91	3.817

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 51.0 Month: 01 1
* File 1, Run 1, Scenario 51.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
```

The user supplied arterial average speed of 51.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
          User supplied VMT mix.
```

```
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Date:	Calendar Year:	2015
	Month:	Jan.
	Altitude:	Low
Minimum Temperature:		33.0 (F)
Maximum Temperature:		53.0 (F)
Absolute Humidity:		75. grains/lb
Nominal Fuel RVP:		12.9 psi
Weathered RVP:		12.9 psi
Fuel Sulfur Content:		30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.07	4.02	4.29	4.10	5.16	0.258	0.225	0.407	4.91	3.875

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.07	4.02	4.29	4.10		0.258	0.225		4.908	
CO Total Exhaust:	4.07	4.02	4.29	4.10	5.16	0.258	0.225	0.407	4.91	3.875

2015MONT

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 52.0 Month: 01 1
* File 1, Run 1, Scenario 52.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
```

M583 Warning: The user supplied arterial average speed of 52.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```

M615 Comment: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.13	4.08	4.35	4.16	5.25	0.260	0.227	0.410	4.91	3.931

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.13	4.08	4.35	4.16		0.260	0.227		4.908	
CO Total Exhaust:	4.13	4.08	4.35	4.16	5.25	0.260	0.227	0.410	4.91	3.931

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 53.0 Month: 01 1
* File 1, Run 1, Scenario 53.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 53 RoadType: Arterial
```

```
M583 Warning:
    The user supplied arterial average speed of 53.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

```
data title: E:\AQ-RUG\MOBILE02\GMDRCOM\TEXT_DATA\OFMODE13
M615 Comment: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

[illegible]

	CO Start:	0.00	0.00	0.00	0.00	2015MONT	0.000	0.000		0.000
	CO Running:	4.18	4.14	4.41	4.22		0.262	0.229		4.908
	CO Total Exhaust:	4.18	4.14	4.41	4.22	5.34	0.262	0.229	0.413	3.984

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 54.0 Month: 01 1
 * File 1, Run 1, Scenario 54.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 54 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):
 Composite CO : 4.23 4.19 4.47 4.27 5.43 0.264 0.231 0.416 4.91 4.036

Exhaust emissions (g/mi):
 CO Start: 0.00 0.00 0.00 0.00 0.000 0.000 0.000 0.000
 CO Running: 4.23 4.19 4.47 4.27 0.264 0.231 0.231 4.908
 CO Total Exhaust: 4.23 4.19 4.47 4.27 5.43 0.264 0.231 0.416 4.91 4.036

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 55.0 Month: 01 1
 * File 1, Run 1, Scenario 55.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 55 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 55.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.29	4.25	4.52	4.32	2015MONT 5.52	0.265	0.232	0.419	4.91	4.086

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.29	4.25	4.52	4.32		0.265	0.232		4.908	
CO Total Exhaust:	4.29	4.25	4.52	4.32	5.52	0.265	0.232	0.419	4.91	4.086

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 56.0 Month: 01 1
 * File 1, Run 1, Scenario 56.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.35	4.31	4.59	4.39	5.70	0.270	0.236	0.427	6.17	4.151

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.35	4.31	4.59	4.39		0.270	0.236		6.175	
CO Total Exhaust:	4.35	4.31	4.59	4.39	5.70	0.270	0.236	0.427	6.17	4.151

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 57.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										

2015MONT
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.51	4.48	4.77	4.56	6.21	0.284	0.249	0.449	9.72	4.334

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.51	4.48	4.77	4.56		0.284	0.249		9.717	
CO Total Exhaust:	4.51	4.48	4.77	4.56	6.21	0.284	0.249	0.449	9.72	4.334

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 60.0 Month: 01 1
 * File 1, Run 1, Scenario 60.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 60.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.57	4.53	4.82	4.61	6.36	0.289	0.252	0.456	10.82	4.391

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.57	4.53	4.82	4.61		0.289	0.252		10.819	
CO Total Exhaust:	4.57	4.53	4.82	4.61	6.36	0.289	0.252	0.456	10.82	4.391

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 61.0 Month: 01 1
 * File 1, Run 1, Scenario 61.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 61.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.63	4.59	4.88	4.67	6.66	0.297	0.260	0.469	12.08	4.459
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.63	4.59	4.88	4.67		0.297	0.260		12.079	
CO Total Exhaust:	4.63	4.59	4.88	4.67	6.66	0.297	0.260	0.469	12.08	4.459

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 62.0 Month: 01 1
* File 1, Run 1, Scenario 62.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
M583 Warning:
    The user supplied arterial average speed of 62.0
    will be used for all hours of the day, 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

M 48 Warning:
    there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.68	4.65	4.94	4.73	6.95	0.305	0.267	0.482	13.30	4.525
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.68	4.65	4.94	4.73		0.305	0.267		13.297	
CO Total Exhaust:	4.68	4.65	4.94	4.73	6.95	0.305	0.267	0.482	13.30	4.525

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 63.0 Month: 01 1
* File 1, Run 1, Scenario 63.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
M583 Warning:
    The user supplied arterial average speed of 63.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

M 48 Warning:
    there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

2015MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.74	4.71	5.00	4.79	7.22	0.313	0.274	0.494	14.48	4.588
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.74	4.71	5.00	4.79		0.313	0.274		14.478	
CO Total Exhaust:	4.74	4.71	5.00	4.79	7.22	0.313	0.274	0.494	14.48	4.588

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 64.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.79	4.76	5.06	4.85	7.49	0.321	0.280	0.506	15.62	4.650
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.79	4.76	5.06	4.85		0.321	0.280		15.621	
CO Total Exhaust:	4.79	4.76	5.06	4.85	7.49	0.321	0.280	0.506	15.62	4.650

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 65.0 Month: 01 1
 * File 1, Run 1, Scenario 65.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)

2015MONT

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.84	4.81	5.12	4.90	7.75	0.328	0.287	0.518	16.73	4.709
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.84	4.81	5.12	4.90		0.328	0.287		16.729	
CO Total Exhaust:	4.84	4.81	5.12	4.90	7.75	0.328	0.287	0.518	16.73	4.709

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1

* File 1, Run 1, Scenario 66.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp

M 52 Warning: 1.00 speed increased to 2.5 mph minimum

M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92	13.368
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99		1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92	13.368

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1

* File 1, Run 1, Scenario 67.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp

M 52 Warning: 2.00 speed increased to 2.5 mph minimum

M581 Warning:
 The user supplied freeway average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:

2015MONT

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92	13.368
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99		1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.21	1.727	1.510	2.728	90.92	13.368

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 68.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	11.67	10.87	11.71	11.11	31.92	1.622	1.418	2.561	78.08	11.480
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.67	10.87	11.71	11.11		1.622	1.418		78.076	
CO Total Exhaust:	11.67	10.87	11.71	11.11	31.92	1.622	1.418	2.561	78.08	11.480

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 69.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

```

User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Data Feat From Yrte E. AQFROG(MOBILE)	
Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LD DV	LD DT	HD DV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	9.10	8.57	9.23	8.76	29.05	1.489	1.302	2.352	62.02	9.120
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	9.10	8.57	9.23	8.76		1.489	1.302		62.016	
CO Total Exhaust:	9.10	8.57	9.23	8.76	29.05	1.489	1.302	2.352	62.02	9.120

```
* #####
* St. & Cnty: 2403 montl MY: 2015 Speed: 5.00 Month: 01 1
* File 1, Run 1, Scenario 70.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 5.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
      User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

```

Data read from file E:\AQPROG\MOBILE
Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDEV	LDDET	HDDEV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.55	7.19	7.74	7.35	27.33	1.410	1.233	2.227	52.38	7.704
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.55	7.19	7.74	7.35		1.410	1.233		52.379	
CO Total Exhaust:	7.55	7.19	7.74	7.35	27.33	1.410	1.233	2.227	52.38	7.704

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 6.00 Month: 01 1
* File 1, Run 1, Scenario 71.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 6.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

2015MONT

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.46	6.18	6.66	6.32	24.28	1.264	1.105	1.996	43.31	6.626
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.46	6.18	6.66	6.32		1.264	1.105		43.308	
CO Total Exhaust:	6.46	6.18	6.66	6.32	24.28	1.264	1.105	1.996	43.31	6.626

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 72.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.68	5.46	5.88	5.58	22.10	1.160	1.014	1.832	36.83	5.857
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.68	5.46	5.88	5.58		1.160	1.014		36.828	
CO Total Exhaust:	5.68	5.46	5.88	5.58	22.10	1.160	1.014	1.832	36.83	5.857

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 73.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 8.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```

M015 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.10	4.92	5.30	5.03	20.47	1.082	0.946	1.708	31.97	5.280
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.10	4.92	5.30	5.03		1.082	0.946		31.968	
CO Total Exhaust:	5.10	4.92	5.30	5.03	20.47	1.082	0.946	1.708	31.97	5.280

```
* #####
* St & Cnty: 2403 montl MY: 2015      Speed: 9.00   Month: 01 1
* File 1, Run 1, Scenario 74.
* #####
*FV FILE: .FV      OPMODE: Stable      FACILITY: Non-Ramp      SCENARIOID: 74      RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 9.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.65	4.50	4.85	4.60	19.20	1.021	0.893	1.612	28.19	4.831
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.65	4.50	4.85	4.60		1.021	0.893		28.188	
CO Total Exhaust:	4.65	4.50	4.85	4.60	19.20	1.021	0.893	1.612	28.19	4.831

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 10.0 Month: 01 1
```

2015MONT

* File 1, Run 1, Scenario 75.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.28	4.16	4.49	4.26	18.18	0.972	0.850	1.535	25.16	4.472
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.28	4.16	4.49	4.26		0.972	0.850		25.164	
CO Total Exhaust:	4.28	4.16	4.49	4.26	18.18	0.972	0.850	1.535	25.16	4.472

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 11.0 Month: 01 1

* File 1, Run 1, Scenario 76.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.03	3.93	4.23	4.01	16.71	0.899	0.786	1.419	22.76	4.199
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.03	3.93	4.23	4.01		0.899	0.786		22.759	
CO Total Exhaust:	4.03	3.93	4.23	4.01	16.71	0.899	0.786	1.419	22.76	4.199

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 77.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.83	3.73	4.02	3.81	15.48	0.837	0.732	1.322	20.75	3.972
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.83	3.73	4.02	3.81		0.837	0.732		20.754	
CO Total Exhaust:	3.83	3.73	4.02	3.81	15.48	0.837	0.732	1.322	20.75	3.972

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
 * File 1, Run 1, Scenario 78.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.65	3.56	3.84	3.64	14.44	0.785	0.686	1.239	19.06	3.780
Exhaust emissions (g/mi):										

2015MONT

CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000
CO Running:	3.65	3.56	3.84	3.64	0.785	0.686		19.058
CO Total Exhaust:	3.65	3.56	3.84	3.64	14.44	0.785	0.686	1.239 19.06 3.780

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 14.0 Month: 01 1

* File 1, Run 1, Scenario 79.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 14.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.50	3.41	3.69	3.49	13.55	0.740	0.647	1.169	17.60	3.615

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00	0.000	0.000		0.000
CO Running:	3.50	3.41	3.69	3.49	0.740	0.647		17.604
CO Total Exhaust:	3.50	3.41	3.69	3.49	13.55	0.740	0.647	1.169 17.60 3.615

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 15.0 Month: 01 1

* File 1, Run 1, Scenario 80.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 15.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

2015MONT

Composite Emission Factors (g/mi):										
Composite CO :	3.37	3.29	3.55	3.36	12.78	0.702	0.614	1.108	16.34	3.473

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.37	3.29	3.55	3.36		0.702	0.614		16.344	
CO Total Exhaust:	3.37	3.29	3.55	3.36	12.78	0.702	0.614	1.108	16.34	3.473

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 81.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.34	3.26	3.52	3.33	11.96	0.659	0.576	1.040	15.33	3.419

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.34	3.26	3.52	3.33		0.659	0.576		15.329	
CO Total Exhaust:	3.34	3.26	3.52	3.33	11.96	0.659	0.576	1.040	15.33	3.419

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 82.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 43					

2015MONT										
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.31	3.23	3.49	3.31	11.23	0.621	0.543	0.980	14.43	3.371
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.31	3.23	3.49	3.31		0.621	0.543		14.434	
CO Total Exhaust:	3.31	3.23	3.49	3.31	11.23	0.621	0.543	0.980	14.43	3.371

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
 * File 1, Run 1, Scenario 83.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.29	3.21	3.46	3.28	10.59	0.587	0.513	0.927	13.64	3.329
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.29	3.21	3.46	3.28		0.587	0.513		13.637	
CO Total Exhaust:	3.29	3.21	3.46	3.28	10.59	0.587	0.513	0.927	13.64	3.329

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 84.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 44

2015MONT

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.27	3.19	3.44	3.26	10.01	0.557	0.487	0.880	12.93	3.291

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.27	3.19	3.44	3.26		0.557	0.487		12.925	
CO Total Exhaust:	3.27	3.19	3.44	3.26	10.01	0.557	0.487	0.880	12.93	3.291

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 85.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.25	3.17	3.42	3.24	9.49	0.530	0.463	0.837	12.28	3.257

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.25	3.17	3.42	3.24		0.530	0.463		12.284	
CO Total Exhaust:	3.25	3.17	3.42	3.24	9.49	0.530	0.463	0.837	12.28	3.257

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 86.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes

2015MONT

ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.23	3.15	3.40	3.22	9.01	0.503	0.440	0.795	11.69	3.226

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.23	3.15	3.40	3.22		0.503	0.440		11.691	
CO Total Exhaust:	3.23	3.15	3.40	3.22	9.01	0.503	0.440	0.795	11.69	3.226

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
* File 1, Run 1, Scenario 87.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 22.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.21	3.14	3.38	3.21	8.56	0.479	0.419	0.757	11.15	3.197

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.21	3.14	3.38	3.21		0.479	0.419		11.153	
CO Total Exhaust:	3.21	3.14	3.38	3.21	8.56	0.479	0.419	0.757	11.15	3.197

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 88.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.20	3.13	3.37	3.19	8.16	0.457	0.400	0.722	10.66	3.171

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.20	3.13	3.37	3.19		0.457	0.400		10.661	
CO Total Exhaust:	3.20	3.13	3.37	3.19	8.16	0.457	0.400	0.722	10.66	3.171

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 24.0 Month: 01 1

* File 1, Run 1, Scenario 89.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.18	3.11	3.35	3.18	7.79	0.437	0.382	0.691	10.21	3.147

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.18	3.11	3.35	3.18		0.437	0.382		10.210	
CO Total Exhaust:	3.18	3.11	3.35	3.18	7.79	0.437	0.382	0.691	10.21	3.147

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 25.0 Month: 01 1

* File 1, Run 1, Scenario 90.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

2015MONT

Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.10	3.34	3.17	7.45	0.419	0.366	0.661	9.79	3.125

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.10	3.34	3.17		0.419	0.366		9.795	
CO Total Exhaust:	3.17	3.10	3.34	3.17	7.45	0.419	0.366	0.661	9.79	3.125

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 26.0 Month: 01 1
 * File 1, Run 1, Scenario 91.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 26.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.16	3.09	3.33	3.16	7.16	0.402	0.352	0.635	9.38	3.105

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.09	3.33	3.16		0.402	0.352		9.379	
CO Total Exhaust:	3.16	3.09	3.33	3.16	7.16	0.402	0.352	0.635	9.38	3.105

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 27.0 Month: 01 1
 * File 1, Run 1, Scenario 92.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 27.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

2015MONT

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.08	3.32	3.15	6.88	0.387	0.338	0.611	8.99	3.087
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.08	3.32	3.15		0.387	0.338		8.995	
CO Total Exhaust:	3.15	3.08	3.32	3.15	6.88	0.387	0.338	0.611	8.99	3.087

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 93.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.07	3.31	3.14	6.63	0.372	0.326	0.588	8.64	3.070
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.14	3.07	3.31	3.14		0.372	0.326		8.637	
CO Total Exhaust:	3.14	3.07	3.31	3.14	6.63	0.372	0.326	0.588	8.64	3.070

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 94.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.13	3.06	3.30	3.13	6.39	0.359	0.314	0.567	8.30	3.054
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.13	3.06	3.30	3.13		0.359	0.314		8.305	
CO Total Exhaust:	3.13	3.06	3.30	3.13	6.39	0.359	0.314	0.567	8.30	3.054

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1

* File 1, Run 1, Scenario 95.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.12	3.05	3.29	3.12	6.18	0.346	0.303	0.547	7.99	3.039
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.12	3.05	3.29	3.12		0.346	0.303		7.994	
CO Total Exhaust:	3.12	3.05	3.29	3.12	6.18	0.346	0.303	0.547	7.99	3.039

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1

* File 1, Run 1, Scenario 96.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment: User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.13	3.07	3.30	3.13	6.00	0.336	0.294	0.530	7.69	3.044

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.13	3.07	3.30	3.13		0.336	0.294		7.693	
CO Total Exhaust:	3.13	3.07	3.30	3.13	6.00	0.336	0.294	0.530	7.69	3.044

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1
* File 1, Run 1, Scenario 97.
* # # # # # # # # # # # # # # # # # # # # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 32.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

```

NO15 Comment:      User supplied VMT mix.
NO16 Mix:

```

```
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.08	3.31	3.14	5.84	0.326	0.285	0.515	7.41	3.048

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.14	3.08	3.31	3.14		0.326	0.285		7.411	
CO Total Exhaust:	3.14	3.08	3.31	3.14	5.84	0.326	0.285	0.515	7.41	3.048

```
* ##### #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
* File 1, Run 1, Scenario 98.
* ##### #
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
```

2015MONT

all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.500	7.15	3.053
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.09	3.32	3.16		0.317	0.277		7.145	
CO Total Exhaust:	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.500	7.15	3.053

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 99.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.16	3.10	3.33	3.17	5.54	0.308	0.269	0.487	6.90	3.057
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.16	3.10	3.33	3.17		0.308	0.269		6.895	
CO Total Exhaust:	3.16	3.10	3.33	3.17	5.54	0.308	0.269	0.487	6.90	3.057

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 100.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
 Page 52

```

M581 Warning:
    The user supplied freeway average speed of 35.0
    will be used for all hours of the day. 100% of VMT
    has been assigned to the freeway roadway type for
    all hours of the day and all vehicle types.

Reading start SOAK distribution from the following external
data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.

M 48 Warning:
    there are no sales for vehicle class HDGV8b

M 48 Warning:
    there are no sales for vehicle class HDGB

```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
MT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.474	6.66	3.060

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.11	3.34	3.18		0.300	0.262		6.660	
CO Total Exhaust:	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.474	6.66	3.060

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
* File 1, Run 1, Scenario 101.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\0PMODE\SOAKZERO.SK
M615 Comment: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
```

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.464	6.45	3.115

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.23	3.17	3.41	3.24		0.294	0.257		6.454	
CO Total Exhaust:	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.464	6.45	3.115

2015MONT

* St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1

* File 1, Run 1, Scenario 102.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 37.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.29	3.23	3.47	3.30	5.23	0.288	0.252	0.454	6.26	3.166
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.29	3.23	3.47	3.30		0.288	0.252		6.259	
CO Total Exhaust:	3.29	3.23	3.47	3.30	5.23	0.288	0.252	0.454	6.26	3.166

#####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1

* File 1, Run 1, Scenario 103.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 38.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.35	3.29	3.53	3.36	5.15	0.282	0.247	0.445	6.07	3.214
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.35	3.29	3.53	3.36		0.282	0.247		6.074	

Page 54

CO Total Exhaust:	3.35	3.29	3.53	3.36	2015MONT 5.15	0.282	0.247	0.445	6.07	3.214

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 104.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.437	5.90	3.260

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.40	3.34	3.59	3.41		0.277	0.242		5.899	
CO Total Exhaust:	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.437	5.90	3.260

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 105.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.45	3.39	3.64	3.46	5.01	0.272	0.238	0.429	5.73	3.304

2015MONT

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
* File 1, Run 1, Scenario 106.
```

M581 Warning:

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

MOIS Comment: User supplied VMT mix.

```
M 48 Warning: there are no sales for vehicle class HDGV8b
```

```

M 48 Warning:
    there are no sales for vehicle class HDGB

```

```

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Composite Emission Factors (g/mi):

Composite CO :	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.424	5.60	3.359

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.51	3.46	3.70	3.53		0.269	0.235		5.604	
CO Total Exhaust:	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.424	5.60	3.359

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
* File 1, Run 1, Scenario 107.
```

M581 Warning:

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

M615 Comment: User supplied VMT mix.

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b

```

```

M 48 Warning:
      there are no sales for vehicle class HDGB

```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000


```

LEV phase-in data read from file E:\AQPR0G\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: No

```



```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
      Calendar Year: 2015
      Month: Jan.
      Altitude: Low
      Minimum Temperature: 33.0 (F)
      Maximum Temperature: 53.0 (F)
      Absolute Humidity: 75. grains/lb
      Nominal Fuel RVP: 12.9 psi
      Weathered RVP: 12.9 psi
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes

```

2015MONT

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.90	3.85	4.12	3.93	5.00	0.256	0.224	0.405	5.00	3.719
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.90	3.85	4.12	3.93		0.256	0.224		4.998	
CO Total Exhaust:	3.90	3.85	4.12	3.93	5.00	0.256	0.224	0.405	5.00	3.719

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 49.0 Month: 01 1
 * File 1, Run 1, Scenario 114.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 49.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.96	3.91	4.18	3.98	5.03	0.256	0.224	0.404	4.95	3.769
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.96	3.91	4.18	3.98		0.256	0.224		4.952	
CO Total Exhaust:	3.96	3.91	4.18	3.98	5.03	0.256	0.224	0.404	4.95	3.769

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 50.0 Month: 01 1
 * File 1, Run 1, Scenario 115.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi

2015MONT

Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.01	3.96	4.23	4.04	5.06	0.256	0.224	0.404	4.91	3.817
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.01	3.96	4.23	4.04		0.256	0.224		4.908	
CO Total Exhaust:	4.01	3.96	4.23	4.04	5.06	0.256	0.224	0.404	4.91	3.817

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 51.0 Month: 01 1

* File 1, Run 1, Scenario 116.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.07	4.02	4.29	4.10	5.16	0.258	0.225	0.407	4.91	3.875
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.07	4.02	4.29	4.10		0.258	0.225		4.908	
CO Total Exhaust:	4.07	4.02	4.29	4.10	5.16	0.258	0.225	0.407	4.91	3.875

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 52.0 Month: 01 1

* File 1, Run 1, Scenario 117.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low

2015MONT

Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.13	4.08	4.35	4.16	5.25	0.260	0.227	0.410	4.91	3.931
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.13	4.08	4.35	4.16		0.260	0.227		4.908	
CO Total Exhaust:	4.13	4.08	4.35	4.16	5.25	0.260	0.227	0.410	4.91	3.931

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 118.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.18	4.14	4.41	4.22	5.34	0.262	0.229	0.413	4.91	3.984
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.18	4.14	4.41	4.22		0.262	0.229		4.908	
CO Total Exhaust:	4.18	4.14	4.41	4.22	5.34	0.262	0.229	0.413	4.91	3.984

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 54.0 Month: 01 1
 * File 1, Run 1, Scenario 119.

* #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp
 M581 Warning:

The user supplied freeway average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

2015MONT
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.23	4.19	4.47	4.27	5.43	0.264	0.231	0.416	4.91	4.036
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.23	4.19	4.47	4.27		0.264	0.231		4.908	
CO Total Exhaust:	4.23	4.19	4.47	4.27	5.43	0.264	0.231	0.416	4.91	4.036

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 55.0 Month: 01 1
* File 1, Run 1, Scenario 120.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 55.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.29	4.25	4.52	4.32	5.52	0.265	0.232	0.419	4.91	4.086
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.29	4.25	4.52	4.32		0.265	0.232		4.908	
CO Total Exhaust:	4.29	4.25	4.52	4.32	5.52	0.265	0.232	0.419	4.91	4.086

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 56.0 Month: 01 1
* File 1, Run 1, Scenario 121.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 56.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:

2015MONT

there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.35	4.31	4.59	4.39	5.70	0.270	0.236	0.427	6.17	4.151
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.35	4.31	4.59	4.39		0.270	0.236		6.175	
CO Total Exhaust:	4.35	4.31	4.59	4.39	5.70	0.270	0.236	0.427	6.17	4.151

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 122.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.40	4.36	4.65	4.45	5.87	0.275	0.241	0.434	7.40	4.215
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.40	4.36	4.65	4.45		0.275	0.241		7.397	
CO Total Exhaust:	4.40	4.36	4.65	4.45	5.87	0.275	0.241	0.434	7.40	4.215

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 58.0 Month: 01 1
 * File 1, Run 1, Scenario 123.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

2015MONT
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.46	4.42	4.71	4.50	6.04	0.280	0.245	0.442	8.58	4.275
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.46	4.42	4.71	4.50		0.280	0.245		8.577	
CO Total Exhaust:	4.46	4.42	4.71	4.50	6.04	0.280	0.245	0.442	8.58	4.275

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 59.0 Month: 01 1
* File 1, Run 1, Scenario 124.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 59.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.51	4.48	4.77	4.56	6.21	0.284	0.249	0.449	9.72	4.334
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.51	4.48	4.77	4.56		0.284	0.249		9.717	
CO Total Exhaust:	4.51	4.48	4.77	4.56	6.21	0.284	0.249	0.449	9.72	4.334

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 60.0 Month: 01 1
* File 1, Run 1, Scenario 125.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 60.0
will be used for all hours of the day. 100% of VMT

2015MONT

has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.57	4.53	4.82	4.61	6.36	0.289	0.252	0.456	10.82	4.391
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.57	4.53	4.82	4.61		0.289	0.252		10.819	
CO Total Exhaust:	4.57	4.53	4.82	4.61	6.36	0.289	0.252	0.456	10.82	4.391

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 61.0 Month: 01 1
* File 1, Run 1, Scenario 126.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 61.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV8b

M 48 Warning: there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.63	4.59	4.88	4.67	6.66	0.297	0.260	0.469	12.08	4.459
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.63	4.59	4.88	4.67		0.297	0.260		12.079	
CO Total Exhaust:	4.63	4.59	4.88	4.67	6.66	0.297	0.260	0.469	12.08	4.459

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 62.0 Month: 01 1
* File 1, Run 1, Scenario 127.

* # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp 2015MONT
SCENARIO: 127 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 62.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.68	4.65	4.94	4.73	6.95	0.305	0.267	0.482	13.30	4.525
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.68	4.65	4.94	4.73		0.305	0.267		13.297	
CO Total Exhaust:	4.68	4.65	4.94	4.73	6.95	0.305	0.267	0.482	13.30	4.525

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 63.0 Month: 01 1
* File 1, Run 1, Scenario 128.

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 63.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.74	4.71	5.00	4.79	7.22	0.313	0.274	0.494	14.48	4.588
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.74	4.71	5.00	4.79		0.313	0.274		14.478	
CO Total Exhaust:	4.74	4.71	5.00	4.79	7.22	0.313	0.274	0.494	14.48	4.588

2015MONT

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 129.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.79	4.76	5.06	4.85	7.49	0.321	0.280	0.506	15.62	4.650
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.79	4.76	5.06	4.85		0.321	0.280		15.621	
CO Total Exhaust:	4.79	4.76	5.06	4.85	7.49	0.321	0.280	0.506	15.62	4.650

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 65.0 Month: 01 1
 * File 1, Run 1, Scenario 130.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3444	0.4047	0.1609	-----	0.0207	0.0018	0.0003	0.0626	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.84	4.81	5.12	4.90	7.75	0.328	0.287	0.518	16.73	4.709
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

	CO Running:	4.84	4.81	5.12	4.90	2015MONT	0.328	0.287		16.729	
	CO Total Exhaust:	4.84	4.81	5.12	4.90	7.75	0.328	0.287	0.518	16.73	4.709

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 34.6 Month: 01 1
 * File 1, Run 1, Scenario 131.
 * #####
 *FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO10: 131 RoadType: Fwy Ramp

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV4.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	6.07	5.64	5.91	5.72	5.46	0.303	0.265	0.478	6.68	5.499

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.07	5.64	5.91	5.72		0.303	0.265		6.682	
CO Total Exhaust:	6.07	5.64	5.91	5.72	5.46	0.303	0.265	0.478	6.68	5.499

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 132.
 * #####
 *FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO10: 132 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKCOLD.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV8b

M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	14.96	13.42	12.90	13.27	14.72	1.327	1.486	1.264	31.86	13.188

2015MONT

Exhaust emissions (g/mi):

CO Start:	11.87	10.33	9.56	10.11		0.527	0.787		12.750	
CO Running:	3.09	3.08	3.34	3.15		0.800	0.700		19.109	
CO Total Exhaust:	14.96	13.42	12.90	13.27	14.72	1.327	1.486	1.264	31.86	13.188

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1

* File 1, Run 1, Scenario 133.

* #####

*FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO10: 133 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKHOT.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.3444	0.4047	0.1609		0.0207	0.0018	0.0003	0.0626	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.53	4.38	4.56	4.43	14.72	0.976	0.963	1.264	21.30	4.550

Exhaust emissions (g/mi):

CO Start:	1.44	1.30	1.22	1.28		0.176	0.263		2.195	
CO Running:	3.09	3.08	3.34	3.15		0.800	0.700		19.109	
CO Total Exhaust:	4.53	4.38	4.56	4.43	14.72	0.976	0.963	1.264	21.30	4.550

* #####

* St & Cnty: 2403 mont1 MY: 2015 Speed: 12.9 Month: 01 1

* File 1, Run 1, Scenario 134.

* #####

*FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO10: 134 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

GVWR:		<6000	>6000	(All)						

2015MONT									
VTM Distribution:	0.3689	0.4335	0.1723	0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):									
Composite CO :	3.09	3.08	3.34	3.15	14.73	0.800	0.700	1.261	19.11
Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000
CO Running:	3.09	3.08	3.34	3.15		0.800	0.700		19.109
CO Total Exhaust:	3.09	3.08	3.34	3.15	14.73	0.800	0.700	1.261	19.11

```

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 1.00 Month: 01 1
* File 1, Run 1, Scenario 135.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
M 52 Warning:
1.00 speed increased to 2.5 mph minimum
M583 Warning:
The user supplied arterial average speed of 2.5
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

```

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

```

```

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VTM Distribution:	0.3689	0.4335	0.1723	0.0046	0.0019	0.0003	0.0136	0.0048	1.0000	
Composite Emission Factors (g/mi):										
Composite CO :	13.73	12.71	13.69	12.99	34.22	1.727	1.510	2.722	90.92	13.566
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99		1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.22	1.727	1.510	2.722	90.92	13.566

```

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 2.00 Month: 01 1
* File 1, Run 1, Scenario 136.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
M 52 Warning:
2.00 speed increased to 2.5 mph minimum
M583 Warning:
The user supplied arterial average speed of 2.5
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

```

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

```

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

```

2015MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	13.73	12.71	13.69	12.99	34.22	1.727	1.510	2.722	90.92	13.566

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	13.73	12.71	13.69	12.99		1.727	1.510		90.925	
CO Total Exhaust:	13.73	12.71	13.69	12.99	34.22	1.727	1.510	2.722	90.92	13.566

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 3.00 Month: 01 1
 * File 1, Run 1, Scenario 137.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 3.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	11.67	10.87	11.71	11.11	31.93	1.622	1.418	2.555	78.08	11.594

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	11.67	10.87	11.71	11.11		1.622	1.418		78.076	
CO Total Exhaust:	11.67	10.87	11.71	11.11	31.93	1.622	1.418	2.555	78.08	11.594

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 138.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	9.10	8.57	9.23	8.76	29.06	1.489	1.302	2.347	62.02	9.128

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	9.10	8.57	9.23	8.76		1.489	1.302		62.016	
CO Total Exhaust:	9.10	8.57	9.23	8.76	29.06	1.489	1.302	2.347	62.02	9.128

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 139.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	7.55	7.19	7.74	7.35	27.34	1.410	1.233	2.222	52.38	7.649

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	7.55	7.19	7.74	7.35		1.410	1.233		52.379	
CO Total Exhaust:	7.55	7.19	7.74	7.35	27.34	1.410	1.233	2.222	52.38	7.649

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 140.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2015MONT

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.70	4.57	4.91	4.67	18.19	0.972	0.850	1.532	25.16	4.786

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	4.70	4.57	4.91	4.67		0.972	0.850		25.164	
CO Total Exhaust:	4.70	4.57	4.91	4.67	18.19	0.972	0.850	1.532	25.16	4.786

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 145.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.47	4.35	4.68	4.44	16.72	0.899	0.786	1.416	22.76	4.545

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	4.47	4.35	4.68	4.44		0.899	0.786		22.759	
CO Total Exhaust:	4.47	4.35	4.68	4.44	16.72	0.899	0.786	1.416	22.76	4.545

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 146.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.28	4.16	4.48	4.25	15.49	0.837	0.732	1.319	20.75	4.343

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	4.28	4.16	4.48	4.25		0.837	0.732		20.754	
CO Total Exhaust:	4.28	4.16	4.48	4.25	15.49	0.837	0.732	1.319	20.75	4.343

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 147.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.11	4.01	4.31	4.09	14.45	0.785	0.686	1.237	19.06	4.173

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	4.11	4.01	4.31	4.09		0.785	0.686		19.058	
CO Total Exhaust:	4.11	4.01	4.31	4.09	14.45	0.785	0.686	1.237	19.06	4.173

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 14.0 Month: 01 1
* File 1, Run 1, Scenario 148.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 14.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

2015MONT

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.97	3.87	4.17	3.96	13.56	0.740	0.647	1.167	17.60	4.027
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.97	3.87	4.17	3.96		0.740	0.647		17.604	
CO Total Exhaust:	3.97	3.87	4.17	3.96	13.56	0.740	0.647	1.167	17.60	4.027

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 149.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.76	4.04	3.84	12.79	0.702	0.613	1.106	16.34	3.901
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.85	3.76	4.04	3.84		0.702	0.613		16.344	
CO Total Exhaust:	3.85	3.76	4.04	3.84	12.79	0.702	0.613	1.106	16.34	3.901

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 150.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 16.0

2015MONT

will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.75	3.66	3.93	3.73	11.96	0.659	0.576	1.038	15.33	3.789
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.75	3.66	3.93	3.73		0.659	0.576		15.329	
CO Total Exhaust:	3.75	3.66	3.93	3.73	11.96	0.659	0.576	1.038	15.33	3.789

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 17.0 Month: 01 1
* File 1, Run 1, Scenario 151.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
M583 Warning:

The user supplied arterial average speed of 17.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV8b

M 48 Warning:
there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.66	3.57	3.84	3.64	11.24	0.621	0.543	0.978	14.43	3.691
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.66	3.57	3.84	3.64		0.621	0.543		14.434	
CO Total Exhaust:	3.66	3.57	3.84	3.64	11.24	0.621	0.543	0.978	14.43	3.691

* # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 152.

2015MONT

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 20.0 Month: 01 1
* File 1, Run 1, Scenario 154.
* #####
* FVFILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
```

M583 Warning:
The user supplied arterial average speed of 20.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

M615 Comment: User supplied VMT mix.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2015

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	DDDV	DDDT	DDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/ml):										
Composite CO :	3.43	3.35	3.61	3.42	9.50	0.530	0.463	0.835	12.28	3.456

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000		
CO Running:	3.43	3.35	3.61	3.42		0.530	0.463		12.284		
CO Total Exhaust:	3.43	3.35	3.61	3.42	9.50	0.530	0.463	0.835	12.28	3.456	

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 21.0 Month: 01 1
* File 1, Run 1, Scenario 155.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
```

M583 Warning: The user supplied arterial average speed of 21.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
```

M615 Comment: User supplied VMT mix.

```
M 48 Warning:      there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.38	3.30	3.55	3.37	9.01	0.503	0.440	0.793	11.69	3.396

Exhaust emissions (g/mi):

2015MONT

CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.38	3.30	3.55	3.37		0.503	0.440		11.691	
CO Total Exhaust:	3.38	3.30	3.55	3.37	9.01	0.503	0.440	0.793	11.69	3.396

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 22.0 Month: 01 1
 * File 1, Run 1, Scenario 156.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.33	3.25	3.50	3.32	8.57	0.479	0.419	0.755	11.15	3.342

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.33	3.25	3.50	3.32		0.479	0.419		11.153	
CO Total Exhaust:	3.33	3.25	3.50	3.32	8.57	0.479	0.419	0.755	11.15	3.342

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 23.0 Month: 01 1
 * File 1, Run 1, Scenario 157.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 23.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):

2015MONT
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.10	3.33	3.16	6.88	0.387	0.338	0.609	8.99	3.168

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.17	3.10	3.33	3.16		0.387	0.338		8.995	
CO Total Exhaust:	3.17	3.10	3.33	3.16	6.88	0.387	0.338	0.609	8.99	3.168

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 162.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.08	3.32	3.15	6.63	0.372	0.326	0.587	8.64	3.151

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.15	3.08	3.32	3.15		0.372	0.326		8.637	
CO Total Exhaust:	3.15	3.08	3.32	3.15	6.63	0.372	0.326	0.587	8.64	3.151

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 163.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes

2015MONT

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723	-----	0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.07	3.30	3.14	6.40	0.359	0.314	0.566	8.30	3.135
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.14	3.07	3.30	3.14		0.359	0.314		8.305	
CO Total Exhaust:	3.14	3.07	3.30	3.14	6.40	0.359	0.314	0.566	8.30	3.135

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 164.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723	-----	0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.13	3.06	3.29	3.12	6.18	0.346	0.303	0.546	7.99	3.121
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.13	3.06	3.29	3.12		0.346	0.303		7.994	
CO Total Exhaust:	3.13	3.06	3.29	3.12	6.18	0.346	0.303	0.546	7.99	3.121

* #####
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 165.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2015MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.07	3.30	3.14	6.00	0.336	0.294	0.529	7.69	3.129
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.14	3.07	3.30	3.14		0.336	0.294		7.693	
CO Total Exhaust:	3.14	3.07	3.30	3.14	6.00	0.336	0.294	0.529	7.69	3.129

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 166.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.14	3.08	3.31	3.15	5.84	0.326	0.285	0.514	7.41	3.137
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.14	3.08	3.31	3.15		0.326	0.285		7.411	
CO Total Exhaust:	3.14	3.08	3.31	3.15	5.84	0.326	0.285	0.514	7.41	3.137

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 167.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)

2015MONT

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.499	7.15	3.144
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.15	3.09	3.32	3.16		0.317	0.277		7.145	
CO Total Exhaust:	3.15	3.09	3.32	3.16	5.69	0.317	0.277	0.499	7.15	3.144

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 34.0 Month: 01 1

* File 1, Run 1, Scenario 168.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.16	3.10	3.33	3.17	5.55	0.308	0.269	0.486	6.90	3.151
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.16	3.10	3.33	3.17		0.308	0.269		6.895	
CO Total Exhaust:	3.16	3.10	3.33	3.17	5.55	0.308	0.269	0.486	6.90	3.151

* # # # # #

* St & Cnty: 2403 mont1 MY: 2015 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 169.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015

2015MONT

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.473	6.66	3.157
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.17	3.11	3.34	3.18		0.300	0.262		6.660	
CO Total Exhaust:	3.17	3.11	3.34	3.18	5.41	0.300	0.262	0.473	6.66	3.157

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 170.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 170 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.463	6.45	3.217
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.23	3.17	3.41	3.24		0.294	0.257		6.454	
CO Total Exhaust:	3.23	3.17	3.41	3.24	5.32	0.294	0.257	0.463	6.45	3.217

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 37.0 Month: 01 1
 * File 1, Run 1, Scenario 171.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 171 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.
 * Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:

2015MONT

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.29	3.23	3.47	3.30	5.24	0.288	0.252	0.453	6.26	3.274
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.29	3.23	3.47	3.30		0.288	0.252		6.259	
CO Total Exhaust:	3.29	3.23	3.47	3.30	5.24	0.288	0.252	0.453	6.26	3.274

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 172.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 172 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.35	3.29	3.53	3.36	5.16	0.282	0.247	0.445	6.07	3.328
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.35	3.29	3.53	3.36		0.282	0.247		6.074	
CO Total Exhaust:	3.35	3.29	3.53	3.36	5.16	0.282	0.247	0.445	6.07	3.328

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 173.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 173 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:


```

User supplied VMT mix.

```

```
M 48 Warning: there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75.0 grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VTM Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.436	5.90	3.379
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.40	3.34	3.59	3.41		0.277	0.242		5.899	
CO Total Exhaust:	3.40	3.34	3.59	3.41	5.08	0.277	0.242	0.436	5.90	3.379

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 40.0 Month: 01 1
* File 1, Run 1, Scenario 174.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 40.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:      User supplied VMT mix.
M 48 Warning:      there are no sales for vehicle class HDGV8b
M 48 Warning:      there are no sales for vehicle class HDGB
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDVV	LDVT	HDVV	MC	All Veh
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.45	3.39	3.64	3.46	5.01	0.272	0.238	0.428	5.73	3.427
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.45	3.39	3.64	3.46		0.272	0.238		5.733	
CO Total Exhaust:	3.45	3.39	3.64	3.46	5.01	0.272	0.238	0.428	5.73	3.427

```

* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 41.0 Month: 01 1
* File 1, Run 1, Scenario 175.
* #####
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc
M583 warning:
The user supplied arterial average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

```

2015MONT

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.423	5.60	3.487
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.51	3.46	3.70	3.53		0.269	0.235		5.604	
CO Total Exhaust:	3.51	3.46	3.70	3.53	4.98	0.269	0.235	0.423	5.60	3.487

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 176.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.57	3.51	3.77	3.59	4.96	0.266	0.232	0.419	5.48	3.544
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.57	3.51	3.77	3.59		0.266	0.232		5.482	
CO Total Exhaust:	3.57	3.51	3.77	3.59	4.96	0.266	0.232	0.419	5.48	3.544

* # # # # #
 * St & Cnty: 2403 mont1 MY: 2015 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 177.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 43.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

NOTE: Comment: User supplied VMT mix.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.62	3.57	3.82	3.64	4.94	0.263	0.230	0.414	5.37	3.599
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.62	3.57	3.82	3.64		0.263	0.230		5.365	
CO Total Exhaust:	3.62	3.57	3.82	3.64	4.94	0.263	0.230	0.414	5.37	3.599

```
* #####
* St & Cnty: 2403 mont1 MY: 2015 Speed: 44.0 Month: 01 1
* File 1, Run 1, Scenario 178.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 44.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
```

User supplied VMT mix.

```
M 48 Warning:
      there are no sales for vehicle class HDGV8b
```

```
M 48 Warning:
      there are no sales for vehicle class HDGB
```

Calendar Year:	2015
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.68	3.63	3.88	3.70	4.92	0.260	0.227	0.410	5.25	3.651

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.68	3.63	3.88	3.70		0.260	0.227		5.254	
CO Total Exhaust:	3.68	3.63	3.88	3.70	4.92	0.260	0.227	0.410	5.25	3.651

```
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* St & Cnty: 2403 mont1 MY: 2015 Speed: 45.0 Month: 01 1
```

* File 1, Run 1, Scenario 179.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2015
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDGT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3689	0.4335	0.1723		0.0046	0.0019	0.0003	0.0136	0.0048	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.73	3.68	3.93	3.75	4.90	0.258	0.225	0.406	5.15	3.700
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.28		0.000	0.000		0.000	
CO Running:	3.73	3.68	3.93	3.75		0.258	0.225		5.148	
CO Total Exhaust:	3.73	3.68	3.93	3.75	4.90	0.258	0.225	0.406	5.15	3.700

```

MOBILE6 INPUT FILE :
> HEADER: State - MD / County - Montgomery

REPORT FILE      : e:\aqprog\mobile62\06mont\2030mont.out REPLACE
Pollutants       : CO
DATABASE OUTPUT  :
WITH FIELDNAMES  :
DAILY OUTPUT     :
EMISSIONS TABLE : e:\aqprog\mobile62\06mont\2030mont.TB1 REPLACE
SPREADSHEET      : e:\aqprog\mobile62\06mont\2030mont.tab REPLACE
AGGREGATED OUTPUT :

RUN DATA        :
>COMMENTS
>24 031

EXPRESS HC AS VOC :
EXPAND EVAPORATIVE :
EXPAND EXHAUST     :
EXPAND BUSES       :

NO REFUELING       :
REBUILD EFFECTS    : 0.90
WE DA TRI LEN DI   : e:\aqprog\mobile62\06mdcom\Ext_Data\Trip_Len\WeekTLD2.WDT
94+ LDG IMP        : e:\aqprog\mobile62\06mdcom\Ext_Data\LEV\NLEVNE.D

FUEL PROGRAM       : 4
300.0 299.0 279.0 259.0 121.0 92.0 33.0 33.0
30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0
1000.0 1000.0 1000.0 1000.0 303.0 303.0 87.0 87.0
80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0

* MOBILE6 default winter oxygenated fuel.
OXYGENATED FUELS : 0.7000 0.3000 0.015 0.035 1

* Registration Distribution Source File - EXT_DATA\RD\T\R05_MONT.RDT
REG DIST          : e:\aqprog\mobile62\06mdcom\Ext_Data\RD\T\R05_MONT.RDT

* Anti-Tampering Program Source File - C:\MWC0G\IM_ATP\MD_ATP_02_MP.ATP
ANTI-TAMP PROG    :
** Applicable for counties: Montgomery and Prince George's
89 77 50 22222 22222111 1 12 096. 12211112

* Inspection and Maintenance (I/M) Source File - C:\MWC0G\IM_ATP\MD_IM_2020_MP.IM
>IM Program. Idle, IM240, and OBD.
>Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

*Idle older LDGV, LDGT
I/M PROGRAM       : 1 1984 2050 2 T/O Idle
I/M MODEL YEARS   : 1 1977 1983
I/M VEHICLES      : 1 22222 11111111 1
I/M STRINGENCY    : 1 20.0
I/M COMPLIANCE    : 1 96.0
I/M WAIVER RATES  : 1 13.8 13.8
I/M GRACE PERIOD  : 1 2

*Idle HDGT
I/M PROGRAM       : 2 1984 2050 2 T/O Idle
I/M MODEL YEARS   : 2 1977 2050
I/M VEHICLES      : 2 11111 22222111 1
I/M STRINGENCY    : 2 20.0
I/M COMPLIANCE    : 2 96.0
I/M WAIVER RATES  : 2 13.8 13.8
I/M GRACE PERIOD  : 2 2

*IM240
I/M PROGRAM       : 3 1984 2050 2 T/O IM240
I/M MODEL YEARS   : 3 1984 1995
I/M VEHICLES      : 3 22222 11111111 1
I/M STRINGENCY    : 3 20.0
I/M COMPLIANCE    : 3 96.0
I/M WAIVER RATES  : 3 13.8 13.8
I/M CUTPOINTS     : 3 e:\aqprog\mobile62\06mdcom\ext_data\IM_ATP\MD.C20
I/M GRACE PERIOD  : 3 2

*OBD
I/M PROGRAM       : 4 1984 2050 2 T/O OBD I/M
I/M MODEL YEARS   : 4 1996 2050
I/M VEHICLES      : 4 22222 11111111 1
I/M STRINGENCY    : 4 20.0
I/M COMPLIANCE    : 4 96.0
I/M WAIVER RATES  : 4 5.4 5.4
I/M GRACE PERIOD  : 4 2

*OBD Evap (Actual Start Year: July 2002)
I/M PROGRAM       : 5 2002 2050 2 T/O EVAP OBD
I/M MODEL YEARS   : 5 1996 2050
I/M VEHICLES      : 5 22222 11111111 1
I/M COMPLIANCE    : 5 96.0
I/M WAIVER RATES  : 5 5.4 5.4
I/M GRACE PERIOD  : 5 2

* Diesel Sales Fractions Source File - C:\MWC0G\EXT_DATA\DSF\D30_MONT
DIESEL FRACTIONS :
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068 0.0068
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009 0.0009
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

```

[illegible]

2030mont

CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 6.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 7.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 8.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 9.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 10.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM

2030mont

VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 14.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 15.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 16.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 16.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 18.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 19.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 20.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1

2030mont

ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 21.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 22.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 24.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 25.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 25.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 26.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 26.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 27.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 27.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 28.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026

2030mont
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 31.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 32.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 33 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0

2030mont

AVERAGE SPEED : 36.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 37.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 37.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 38.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 38.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 39.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 39.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 40.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 40.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 41.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 41.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 42.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 42.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 43.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 43.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 44.0 2030mont
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial Month: 01 1
 CALENDAR YEAR : 2030 SCENARIO: 44 RoadType: Arterial
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 44.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 45.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 45 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 45.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 46.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 46.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 47.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 47.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 48.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 48.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 49.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 49.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 50.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 50.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 51.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 51.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2030mont

```
*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 52.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 52  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 52.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 53.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 53  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 53.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 54.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 54  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 54.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 55.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 55  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 55.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 56.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 56  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 56.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 57.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 57  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 57.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 58.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 58  RoadType: Arterial
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 58.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS      :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 59.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 59  RoadType: Arterial
```

2030mont

CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 59.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 60.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 60.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 61.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 61.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 62.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 62.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 63.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 63.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 64.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 64.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 65.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 65.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 1.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 1.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM

2030mont

VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 2.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 2.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 3.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 68 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 3.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 4.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 69 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 4.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 5.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 5.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 6.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 6.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 7.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 8.00 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1

```

ALTITUDE      : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED  : 9.00 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 10.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 11.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 12.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 13.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 14.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 15.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 16.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 16.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026

```


2030mont
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 17.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 18.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 19.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 20.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 21.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 22.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 23.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0

2030mont

AVERAGE SPEED : 24.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 25.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 25.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 26.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 26.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 27.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 27.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 28.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 29.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 30.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 31.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 32.0 2030mont
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp Month: 01 1
CALENDAR YEAR : 2030 SCENARIO: 97 RoadType: Non-Ramp
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 32.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 33.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 33.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 34.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 34.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 35.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 35.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 36.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 101 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 36.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 37.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 102 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 37.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 38.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 38.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 39.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 39.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2030mont

```
* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 40.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 40.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 41.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 41.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 42.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 42.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 43.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 43.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 44.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 44.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 45.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 45.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 46.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 46.0 Non-Ramp
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
VMT FRACTIONS :
0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 47.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp
```

2030mont

```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 47.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 48.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 113  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 48.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 49.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 114  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 49.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 50.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 115  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 50.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 51.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 116  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 51.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 52.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 117  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 52.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 53.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 118  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 53.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
  VMT FRACTIONS
  :
  0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
  0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 54.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable    FACILITY: Non-Ramp  SCENARIO: 119  RoadType: Non-Ramp
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 54.0 Non-Ramp
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*
  VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM

```

2030mont

VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 55.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 55.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 56.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 56.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 57.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 57.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 58.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 58.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 59.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 59.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 60.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 60.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 61.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 61.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 62.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1

2030mont

ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 62.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 63.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 63.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 64.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 64.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 65.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 65.0 Non-Ramp
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 34.6 Month: 01 1
 >FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV4.FV
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Cold FACILITY: Local SCENARIO: 132 RoadType: Local
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKCOLD.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Hot FACILITY: Local SCENARIO: 133 RoadType: Local
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKHOT.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\V30_MONT.VM
 VMT FRACTIONS :
 0.2676 0.0983 0.3549 0.1214 0.0587 0.0316 0.0030 0.0026
 0.0029 0.0084 0.0066 0.0079 0.0320 0.0000 0.0000 0.0041

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.9 Month: 01 1
 >FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 VMT BY FACILITY : e:\aqprog\mobile62\06mdcom\Ext_Data\Vmt_Fac\FV3.FV
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006

2030mont
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 1.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 1.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 2.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 136 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 2.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 3.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 137 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 3.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 4.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 4.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 5.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 5.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 6.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 6.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 7.00 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0

2030mont

AVERAGE SPEED : 8.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 9.00 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 10.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 11.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 12.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 13.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 14.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 15.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 16.0 2030mont
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial Month: 01 1
 CALENDAR YEAR : 2030 SCENARIO: 150 RoadType: Art_Loc
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 16.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 17.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 18.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 153 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 19.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 154 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 20.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 21.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 22.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
 VMT FRACTIONS :
 0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
 0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1
 >FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 1
 ALTITUDE : 1
 ABSOLUTE HUMIDITY : 75.0
 AVERAGE SPEED : 23.0 Arterial
 SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

2030mont

```
* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 158 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 24.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 25.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 159 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 25.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 26.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 160 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 26.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 27.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 161 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 27.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 28.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 29.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc
CALENDAR YEAR : 2030
EVALUATION MONTH : 1
ALTITUDE : 1
ABSOLUTE HUMIDITY : 75.0
AVERAGE SPEED : 30.0 Arterial
SOAK DISTRIBUTION : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD : St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
>FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
```

2030mont

```

CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 31.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 32.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 166  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 32.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 33.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 167  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 33.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 34.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 168  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 34.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 35.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 169  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 35.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 36.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 170  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 36.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 37.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 171  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 37.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 38.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 172  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY   : 75.0
AVERAGE SPEED      : 38.0 Arterial
SOAK DISTRIBUTION   : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

*      VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM

```

```

                                2030mont
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 39.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 173  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 39.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 40.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 174  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 40.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 41.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 175  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 41.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 42.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 176  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 42.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 43.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 177  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 43.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 44.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 178  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 44.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

SCENARIO RECORD    : St & Cnty: 24031  MY: 2030  Speed: 45.0  Month: 01 1
>FV FILE: .FV      OPMODE: Stable  FACILITY: Arterial  SCENARIO: 179  RoadType: Art_Loc
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 1
ALTITUDE           : 1
ABSOLUTE HUMIDITY  : 75.0
AVERAGE SPEED     : 45.0 Arterial
SOAK DISTRIBUTION  : e:\aqprog\mobile62\06mdcom\Ext_Data\OpMode\SOAKZERO.SK

* VMT Source File - C:\MWC0G\EXT_DATA\VMT_MIX\WINTER\L30_MONT.VM
VMT FRACTIONS      :
0.2895 0.1064 0.3840 0.1314 0.0636 0.0069 0.0006 0.0006
0.0006 0.0018 0.0014 0.0017 0.0070 0.0000 0.0000 0.0045

```

END OF RUN :

```

*****2030MONT*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 2030MONT.INP (file 1, run 1). *
*****
*COMMENTS
*24 031
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading non-default WEEKDAY RUNNING LOSS HOURLY TRIP LENGTH FRACTIONS
* from the following external data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\TRIP_LEN\WEEKTLD2.WDT

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.

* Reading Registration Distributions from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\RT\R05_MONT.RDT
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
*IM Program. Idle, IM240, and OBD.
*Waiver rates based on July - December 2004 initial tests results through 18 months after testing.

* Reading non-default I/M CUTPOINTS from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\IM_ATP\MD.C20
* CY 18 and subsequent years.
* CUTPOINTS 75% TO FINAL FOR 1994 AND 1995. IMPLEMENTED MAY 2005.
M614 Comment:
    User supplied diesel sale fractions.

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 1.00 Month: 01 1
* File 1, Run 1, Scenario 1.
* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 1 RoadType: Arterial
M 52 Warning:
    1.00 speed increased to 2.5 mph minimum
M583 Warning:
    The user supplied arterial average speed of 2.5
    will be used for all hours of the day. 100% of VMT
    has been assigned to the arterial/collector roadway
    type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
    User supplied VMT mix.
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV7
M 48 Warning:
    there are no sales for vehicle class HDGV8a
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class HDGB
M 48 Warning:
    there are no sales for vehicle class LDDT34
HDDV DEFEAT DEVICE EFFECTS ARE PRESENT. THE REBUILD FRACTION IS 0.90.

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
    Calendar Year: 2030
    Month: Jan.
    Altitude: Low
    Minimum Temperature: 33.0 (F)
    Maximum Temperature: 53.0 (F)
    Absolute Humidity: 75. grains/lb
    Nominal Fuel RVP: 12.9 psi
    Weathered RVP: 12.9 psi
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.2658 0.4528 0.1801 0.0223 0.0018 0.0004 0.0727 0.0041 1.0000

```

Composite Emission Factors (g/mi):										
Composite CO :	11.87	11.44	11.88	11.57	32.14	1.623	0.794	1.039	90.92	11.644

2030MONT

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.09	9.79	10.17	9.90	29.99	1.523	0.745	0.976	78.08	10.009
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	10.09	9.79	10.17	9.90		1.523	0.745		78.076	
CO Total Exhaust:	10.09	9.79	10.17	9.90	29.99	1.523	0.745	0.976	78.08	10.009

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 4.00 Month: 01 1
 * File 1, Run 1, Scenario 4.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 4 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 4.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.88	7.72	8.02	7.81	27.30	1.399	0.684	0.896	62.02	7.966
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.88	7.72	8.02	7.81		1.399	0.684		62.016	
CO Total Exhaust:	7.88	7.72	8.02	7.81	27.30	1.399	0.684	0.896	62.02	7.966

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 5.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 5 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:

2030MONT

there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.55	6.48	6.73	6.55	25.68	1.325	0.648	0.848	52.38	6.740
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.55	6.48	6.73	6.55		1.325	0.648		52.379	
CO Total Exhaust:	6.55	6.48	6.73	6.55	25.68	1.325	0.648	0.848	52.38	6.740

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 6.00 Month: 01 1
* File 1, Run 1, Scenario 6.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 6 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 6.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.72	5.69	5.91	5.76	22.82	1.188	0.581	0.761	43.31	5.908
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.72	5.69	5.91	5.76		1.188	0.581		43.308	
CO Total Exhaust:	5.72	5.69	5.91	5.76	22.82	1.188	0.581	0.761	43.31	5.908

2030MONT

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 7.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 7 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.13	5.13	5.33	5.19	20.77	1.090	0.533	0.698	36.83	5.314
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.13	5.13	5.33	5.19		1.090	0.533		36.828	
CO Total Exhaust:	5.13	5.13	5.33	5.19	20.77	1.090	0.533	0.698	36.83	5.314

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 8.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 8 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2030MONT

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.69	4.71	4.89	4.76	19.24	1.016	0.497	0.651	31.97	4.869

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.69	4.71	4.89	4.76		1.016	0.497		31.968	
CO Total Exhaust:	4.69	4.71	4.89	4.76	19.24	1.016	0.497	0.651	31.97	4.869

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 9.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 9 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.35	4.38	4.55	4.43	18.04	0.959	0.469	0.614	28.19	4.523

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.35	4.38	4.55	4.43		0.959	0.469		28.188	
CO Total Exhaust:	4.35	4.38	4.55	4.43	18.04	0.959	0.469	0.614	28.19	4.523

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
 * File 1, Run 1, Scenario 10.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 10 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.

2030MONT

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.07	4.12	4.28	4.16	17.09	0.913	0.447	0.585	25.16	4.246

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.07	4.12	4.28	4.16		0.913	0.447		25.164	
CO Total Exhaust:	4.07	4.12	4.28	4.16	17.09	0.913	0.447	0.585	25.16	4.246

* #####

* St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1

* File 1, Run 1, Scenario 11.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 11 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.87	3.92	4.07	3.96	15.70	0.844	0.413	0.541	22.76	4.020

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.87	3.92	4.07	3.96		0.844	0.413		22.759	
CO Total Exhaust:	3.87	3.92	4.07	3.96	15.70	0.844	0.413	0.541	22.76	4.020

* #####

* St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1

* File 1, Run 1, Scenario 12.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 12 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.71	3.75	3.89	3.79	14.55	0.786	0.385	0.504	20.75	3.833

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.71	3.75	3.89	3.79		0.786	0.385		20.754	
CO Total Exhaust:	3.71	3.75	3.89	3.79	14.55	0.786	0.385	0.504	20.75	3.833

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
* File 1, Run 1, Scenario 13.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 13 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 13.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.56	3.61	3.75	3.65	13.57	0.737	0.361	0.472	19.06	3.674

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.56	3.61	3.75	3.65		0.737	0.361		19.058	

CO Total Exhaust:	3.56	3.61	3.75	3.65	2030MONT 13.57	0.737	0.361	0.472	19.06	3.674

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
 * File 1, Run 1, Scenario 14.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 14 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.44	3.49	3.62	3.53	12.74	0.695	0.340	0.445	17.60	3.538

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.44	3.49	3.62	3.53		0.695	0.340		17.604	
CO Total Exhaust:	3.44	3.49	3.62	3.53	12.74	0.695	0.340	0.445	17.60	3.538

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 15.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 15 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

2030MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.34	3.38	3.51	3.42	12.01	0.659	0.322	0.422	16.34	3.420

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.34	3.38	3.51	3.42		0.659	0.322		16.344	
CO Total Exhaust:	3.34	3.38	3.51	3.42	12.01	0.659	0.322	0.422	16.34	3.420

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 16.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 16 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.25	3.29	3.42	3.33	11.24	0.619	0.303	0.396	15.33	3.313

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.25	3.29	3.42	3.33		0.619	0.303		15.329	
CO Total Exhaust:	3.25	3.29	3.42	3.33	11.24	0.619	0.303	0.396	15.33	3.313

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 17.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 17 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

2030MONT
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.17	3.21	3.33	3.25	10.56	0.583	0.285	0.374	14.43	3.219
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.17	3.21	3.33	3.25		0.583	0.285		14.434	
CO Total Exhaust:	3.17	3.21	3.33	3.25	10.56	0.583	0.285	0.374	14.43	3.219

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 18.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 18 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 18.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.09	3.14	3.26	3.17	9.95	0.552	0.270	0.353	13.64	3.136
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.09	3.14	3.26	3.17		0.552	0.270		13.637	
CO Total Exhaust:	3.09	3.14	3.26	3.17	9.95	0.552	0.270	0.353	13.64	3.136

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
* File 1, Run 1, Scenario 19.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 19 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 19.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.03	3.08	3.19	3.11	9.41	0.523	0.256	0.335	12.93	3.061
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.03	3.08	3.19	3.11		0.523	0.256		12.925	
CO Total Exhaust:	3.03	3.08	3.19	3.11	9.41	0.523	0.256	0.335	12.93	3.061

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 20.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 20 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.13	3.05	8.92	0.498	0.243	0.319	12.28	2.994
Exhaust emissions (g/mi):										

2030MONT

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	2.97	3.02	3.13	3.05		0.498	0.243		12.284
CO Total Exhaust:	2.97	3.02	3.13	3.05	8.92	0.498	0.243	0.319	12.28

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1
 * File 1, Run 1, Scenario 21.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 21 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.92	2.97	3.08	3.00	8.46	0.473	0.231	0.303	11.69	2.936

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	2.92	2.97	3.08	3.00		0.473	0.231		11.691
CO Total Exhaust:	2.92	2.97	3.08	3.00	8.46	0.473	0.231	0.303	11.69

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1
 * File 1, Run 1, Scenario 22.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 22 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes

2030MONT

ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.88	2.92	3.04	2.96	8.05	0.450	0.220	0.288	11.15	2.882

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.88	2.92	3.04	2.96		0.450	0.220		11.153	
CO Total Exhaust:	2.88	2.92	3.04	2.96	8.05	0.450	0.220	0.288	11.15	2.882

* #####
* St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 23.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 23 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.84	2.88	2.99	2.91	7.67	0.430	0.210	0.275	10.66	2.834

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.84	2.88	2.99	2.91		0.430	0.210		10.661	
CO Total Exhaust:	2.84	2.88	2.99	2.91	7.67	0.430	0.210	0.275	10.66	2.834

* #####
* St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
* File 1, Run 1, Scenario 24.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 24 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 24.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.80	2.85	2.95	2.88	7.32	0.411	0.201	0.263	10.21	2.789

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.80	2.85	2.95	2.88		0.411	0.201		10.210	
CO Total Exhaust:	2.80	2.85	2.95	2.88	7.32	0.411	0.201	0.263	10.21	2.789

* #####

* St & Cnty: 24031 MY: 2030 Speed: 25.0 Month: 01 1

* File 1, Run 1, Scenario 25.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 25 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.76	2.81	2.92	2.84	7.00	0.393	0.192	0.252	9.79	2.748

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.76	2.81	2.92	2.84		0.393	0.192		9.795	
CO Total Exhaust:	2.76	2.81	2.92	2.84	7.00	0.393	0.192	0.252	9.79	2.748

* #####

* St & Cnty: 24031 MY: 2030 Speed: 26.0 Month: 01 1

* File 1, Run 1, Scenario 26.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 26 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 26.0

2030MONT

will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.75	2.80	2.90	2.83	6.72	0.378	0.185	0.242	9.38	2.727

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.75	2.80	2.90	2.83		0.378	0.185		9.379	
CO Total Exhaust:	2.75	2.80	2.90	2.83	6.72	0.378	0.185	0.242	9.38	2.727

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 27.0 Month: 01 1
* File 1, Run 1, Scenario 27.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 27 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 27.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										

	Composite CO	2.74	2.79	2.89	2.82	2030MONT 6.47	0.363	0.178	0.233	8.99	2.708
Exhaust emissions (g/mi):											
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000			0.000	
CO Running:	2.74	2.79	2.89	2.82		0.363	0.178			8.995	
CO Total Exhaust:	2.74	2.79	2.89	2.82	6.47	0.363	0.178	0.233		8.99	2.708

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 28.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 28 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	6.23	0.350	0.171	0.224	8.64	2.690
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.350	0.171		8.637	
CO Total Exhaust:	2.72	2.77	2.88	2.80	6.23	0.350	0.171	0.224	8.64	2.690

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 29.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 29 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

2030MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.76	2.87	2.79	6.01	0.337	0.165	0.216	8.30	2.674
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.71	2.76	2.87	2.79		0.337	0.165		8.305	
CO Total Exhaust:	2.71	2.76	2.87	2.79	6.01	0.337	0.165	0.216	8.30	2.674

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 30.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 30 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.70	2.75	2.86	2.78	5.80	0.325	0.159	0.208	7.99	2.658
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.70	2.75	2.86	2.78		0.325	0.159		7.994	
CO Total Exhaust:	2.70	2.75	2.86	2.78	5.80	0.325	0.159	0.208	7.99	2.658

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 31.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 31 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:

there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.202	7.69	2.662
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.71	2.76	2.87	2.79		0.316	0.154		7.693	
CO Total Exhaust:	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.202	7.69	2.662

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 32.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 32 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	5.49	0.306	0.150	0.196	7.41	2.665
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.306	0.150		7.411	
CO Total Exhaust:	2.72	2.77	2.88	2.80	5.49	0.306	0.150	0.196	7.41	2.665

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 33.
 * # # # # #

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial 2030MONT
SCENARIO: 33 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 33.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.73	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.668
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.73	2.78	2.89	2.81		0.298	0.146		7.145	
CO Total Exhaust:	2.73	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.668

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 34.0 Month: 01 1
* File 1, Run 1, Scenario 34.

* # # # # #
*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 34 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 34.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

2030MONT									
VTM Distribution:	0.2658	0.4528	0.1801	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):									
Composite CO :	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.185	6.90

Exhaust emissions (g/mi):									
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000
CO Running:	2.73	2.79	2.90	2.82		0.289	0.142		6.895
CO Total Exhaust:	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.185	6.90

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 35.0 Month: 01 1
 * File 1, Run 1, Scenario 35.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 35 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.74	2.80	2.90	2.83	5.08	0.282	0.138	0.180	6.66	2.673

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.74	2.80	2.90	2.83		0.282	0.138		6.660	
CO Total Exhaust:	2.74	2.80	2.90	2.83	5.08	0.282	0.138	0.180	6.66	2.673

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 36.0 Month: 01 1
 * File 1, Run 1, Scenario 36.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 36 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb

2030MONT

Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.80	2.86	2.96	2.89	5.00	0.276	0.135	0.177	6.45	2.722

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.80	2.86	2.96	2.89		0.276	0.135		6.454	
CO Total Exhaust:	2.80	2.86	2.96	2.89	5.00	0.276	0.135	0.177	6.45	2.722

* #####

* St & Cnty: 24031 MY: 2030 Speed: 37.0 Month: 01 1

* File 1, Run 1, Scenario 37.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 37 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 37.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.85	2.91	3.02	2.94	4.92	0.270	0.132	0.173	6.26	2.769

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.85	2.91	3.02	2.94		0.270	0.132		6.259	
CO Total Exhaust:	2.85	2.91	3.02	2.94	4.92	0.270	0.132	0.173	6.26	2.769

* #####

* St & Cnty: 24031 MY: 2030 Speed: 38.0 Month: 01 1

* File 1, Run 1, Scenario 38.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 38 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

2030MONT

M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.812
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.90	2.97	3.07	3.00		0.265	0.130		6.074	
CO Total Exhaust:	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.812

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 39.0 Month: 01 1
* File 1, Run 1, Scenario 39.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 39 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 39.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.854
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.95	3.02	3.12	3.05		0.260	0.127		5.899	
CO Total Exhaust:	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.854

* # # # # #

2030MONT

* St & Cnty: 24031 MY: 2030 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 40.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 40 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):

Composite CO :	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.163	5.73	2.894
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.06	3.17	3.09		0.255	0.125		5.733	
CO Total Exhaust:	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.163	5.73	2.894

Exhaust emissions (g/mi):

#####

* St & Cnty: 24031 MY: 2030 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 41.
 * #####
 *FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 41 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	2030MONT HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	2.944

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.05	3.12	3.23	3.15		0.252	0.123		5.604	
CO Total Exhaust:	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	2.944

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 42.0 Month: 01 1
 * File 1, Run 1, Scenario 42.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 42 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 42.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.10	3.18	3.29	3.21	4.66	0.250	0.122	0.160	5.48	2.992

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.10	3.18	3.29	3.21		0.250	0.122		5.482	
CO Total Exhaust:	3.10	3.18	3.29	3.21	4.66	0.250	0.122	0.160	5.48	2.992

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 43.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 43 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low

2030MONT

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.24	3.33	3.44	3.36	4.60	0.242	0.118	0.155	5.15	3.123
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.24	3.33	3.44	3.36		0.242	0.118		5.148	
CO Total Exhaust:	3.24	3.33	3.44	3.36	4.60	0.242	0.118	0.155	5.15	3.123

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 46.0 Month: 01 1
 * File 1, Run 1, Scenario 46.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 46 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 46.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.30	3.38	3.50	3.42	4.63	0.242	0.118	0.155	5.10	3.174
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.30	3.38	3.50	3.42		0.242	0.118		5.096	
CO Total Exhaust:	3.30	3.38	3.50	3.42	4.63	0.242	0.118	0.155	5.10	3.174

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 47.0 Month: 01 1
 * File 1, Run 1, Scenario 47.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 47 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 47.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.35	3.44	3.56	3.47	4.66	0.241	0.118	0.154	5.05	3.224
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.35	3.44	3.56	3.47		0.241	0.118		5.046	
CO Total Exhaust:	3.35	3.44	3.56	3.47	4.66	0.241	0.118	0.154	5.05	3.224

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 48.0 Month: 01 1
 * File 1, Run 1, Scenario 48.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 48 RoadType: Arterial

M583 Warning:
 The user supplied arterial average speed of 48.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 28

2030MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.40	3.49	3.61	3.52	4.69	0.241	0.118	0.154	5.00	3.271

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.40	3.49	3.61	3.52		0.241	0.118		4.998	
CO Total Exhaust:	3.40	3.49	3.61	3.52	4.69	0.241	0.118	0.154	5.00	3.271

* #####
* St & Cnty: 24031 MY: 2030 Speed: 49.0 Month: 01 1
* File 1, Run 1, Scenario 49.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 49 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 49.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.45	3.54	3.66	3.58	4.72	0.240	0.118	0.154	4.95	3.316

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.45	3.54	3.66	3.58		0.240	0.118		4.952	
CO Total Exhaust:	3.45	3.54	3.66	3.58	4.72	0.240	0.118	0.154	4.95	3.316

* #####
* St & Cnty: 24031 MY: 2030 Speed: 50.0 Month: 01 1
* File 1, Run 1, Scenario 50.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 50 RoadType: Arterial

M583 Warning:
The user supplied arterial average speed of 50.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

2030MONT

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.49	3.59	3.71	3.62	4.75	0.240	0.117	0.154	4.91	3.360

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.49	3.59	3.71	3.62		0.240	0.117		4.908	
CO Total Exhaust:	3.49	3.59	3.71	3.62	4.75	0.240	0.117	0.154	4.91	3.360

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 51.0 Month: 01 1
 * File 1, Run 1, Scenario 51.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 51 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.55	3.65	3.77	3.68	4.84	0.242	0.118	0.155	4.91	3.412

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.65	3.77	3.68		0.242	0.118		4.908	
CO Total Exhaust:	3.55	3.65	3.77	3.68	4.84	0.242	0.118	0.155	4.91	3.412

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 52.0 Month: 01 1
 * File 1, Run 1, Scenario 52.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 52 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
Calendar Year: 2020

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDV	LD	HD	MC	All Veh
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.60	3.70	3.82	3.74	4.93	0.244	0.119	0.156	4.91	3.463
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.60	3.70	3.82	3.74		0.244	0.119		4.908	
CO Total Exhaust:	3.60	3.70	3.82	3.74	4.93	0.244	0.119	0.156	4.91	3.463

```
* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
```

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type:	LDGV	LDTG12 ≤6000	LDTG34 ≥6000	LDGT (All)	HDTV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2658	0.4528	0.1801	-	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.65	3.75	3.88	3.79	5.02	0.246	0.120	0.157	4.91	3.512
Exhaust emissions (g/mi):										

2030MONT

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.74	3.85	3.98	3.89	5.19	0.249	0.122	0.160	4.91	3.604
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.74	3.85	3.98	3.89		0.249	0.122		4.908	
CO Total Exhaust:	3.74	3.85	3.98	3.89	5.19	0.249	0.122	0.160	4.91	3.604

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 56.0 Month: 01 1
 * File 1, Run 1, Scenario 56.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 56 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 56.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.80	3.91	4.04	3.95	5.36	0.254	0.124	0.163	6.17	3.664
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.80	3.91	4.04	3.95		0.254	0.124		6.175	
CO Total Exhaust:	3.80	3.91	4.04	3.95	5.36	0.254	0.124	0.163	6.17	3.664

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 57.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 57 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:

2030MONT

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.96	4.09	4.00	5.52	0.258	0.126	0.166	7.40	3.721
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.96	4.09	4.00		0.258	0.126		7.397	
CO Total Exhaust:	3.85	3.96	4.09	4.00	5.52	0.258	0.126	0.166	7.40	3.721

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 58.0 Month: 01 1
 * File 1, Run 1, Scenario 58.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 58 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.90	4.02	4.15	4.05	5.68	0.263	0.129	0.168	8.58	3.776
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.90	4.02	4.15	4.05		0.263	0.129		8.577	
CO Total Exhaust:	3.90	4.02	4.15	4.05	5.68	0.263	0.129	0.168	8.58	3.776

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 59.0 Month: 01 1
 * File 1, Run 1, Scenario 59.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 59 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 59.0
 will be used for all hours of the day. 100% of VMT

2030MONT

has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.95	4.07	4.20	4.10	5.83	0.267	0.131	0.171	9.72	3.830
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.95	4.07	4.20	4.10		0.267	0.131		9.717	
CO Total Exhaust:	3.95	4.07	4.20	4.10	5.83	0.267	0.131	0.171	9.72	3.830

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 60.0 Month: 01 1
* File 1, Run 1, Scenario 60.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 60 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 60.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.99	4.12	4.25	4.15	5.98	0.271	0.133	0.174	10.82	3.882

Exhaust emissions (g/mi):

	CO Start:	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	
CO Running:	3.99	4.12	4.25	4.15		0.271	0.133		10.819	
CO Total Exhaust:	3.99	4.12	4.25	4.15	5.98	0.271	0.133	0.174	10.82	3.882

* #####

* St & Cnty: 24031 MY: 2030 Speed: 61.0 Month: 01 1

* File 1, Run 1, Scenario 61.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 61 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 61.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):

Composite CO :	4.05	4.17	4.30	4.21	6.26	0.279	0.136	0.179	12.08	3.943

Exhaust emissions (g/mi):

	CO Start:	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	
CO Running:	4.05	4.17	4.30	4.21		0.279	0.136		12.079	
CO Total Exhaust:	4.05	4.17	4.30	4.21	6.26	0.279	0.136	0.179	12.08	3.943

* #####

* St & Cnty: 24031 MY: 2030 Speed: 62.0 Month: 01 1

* File 1, Run 1, Scenario 62.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 62 RoadType: Arterial

M583 Warning:

The user supplied arterial average speed of 62.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

2030MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.10	4.23	4.36	4.27	6.53	0.287	0.140	0.184	13.30	4.003

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.10	4.23	4.36	4.27		0.287	0.140		13.297	
CO Total Exhaust:	4.10	4.23	4.36	4.27	6.53	0.287	0.140	0.184	13.30	4.003

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 63.0 Month: 01 1
 * File 1, Run 1, Scenario 63.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 63 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.15	4.28	4.41	4.32	6.79	0.294	0.144	0.188	14.48	4.061

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.15	4.28	4.41	4.32		0.294	0.144		14.478	
CO Total Exhaust:	4.15	4.28	4.41	4.32	6.79	0.294	0.144	0.188	14.48	4.061

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 64.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 64 RoadType: Arterial
 M583 Warning:
 The user supplied arterial average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

2030MONT

M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.20	4.33	4.47	4.37	7.04	0.301	0.147	0.193	15.62	4.117

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.20	4.33	4.47	4.37		0.301	0.147		15.621	
CO Total Exhaust:	4.20	4.33	4.47	4.37	7.04	0.301	0.147	0.193	15.62	4.117

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 65.0 Month: 01 1
* File 1, Run 1, Scenario 65.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 65 RoadType: Arterial
M583 Warning:
The user supplied arterial average speed of 65.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.25	4.38	4.52	4.42	7.28	0.308	0.151	0.197	16.73	4.171

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.25	4.38	4.52	4.42		0.308	0.151		16.729	
CO Total Exhaust:	4.25	4.38	4.52	4.42	7.28	0.308	0.151	0.197	16.73	4.171

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 1.00 Month: 01 1
* File 1, Run 1, Scenario 66.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 66 RoadType: Non-Ramp
Page 38

```
M 52 Warning:      1.00      speed increased to 2.5 mph minimum
M581 Warning:
The user supplied freeway average speed of 2.5
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
```

```

data file: E:\Mq.RSS\MOBILE02 (contd)
M615 Comment:
                User supplied VMT mix.

```

```
M 48 Warning: user supplied with max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDdT34
```

Date Read From Site:	1/1/2030
Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	11.87	11.44	11.88	11.57	32.14	1.623	0.794	1.039	90.92	11.644

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	11.87	11.44	11.88	11.57		1.623	0.794		90.925	
CO Total Exhaust:	11.87	11.44	11.88	11.57	32.14	1.623	0.794	1.039	90.92	11.644

```
* #####
* St & Cnty: 24031 MY: 2030 Speed: 2.00 Month: 01 1
* File 1, Run 1, Scenario 67.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 67 RoadType: Non-Ramp
```

M 52 Warning: 2.00 speed increased to 2.5 mph minimum

M581 Warning: The user supplied freeway average speed of 2.5 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

```
data file: E:\AQI\RSS\MOBILE02\COND0
M615 Comment: User supplied VMT mix.
```

```
M 48 Warning: user supplied with max:
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDdT34
```

```

Data read from file: E:\ADPROG\MOBILE
Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

2030MONT

Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.88	7.72	8.02	7.81	27.30	1.399	0.684	0.896	62.02	7.966
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	7.88	7.72	8.02	7.81		1.399	0.684		62.016	
CO Total Exhaust:	7.88	7.72	8.02	7.81	27.30	1.399	0.684	0.896	62.02	7.966

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 5.00 Month: 01 1
 * File 1, Run 1, Scenario 70.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 70 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 5.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	6.55	6.48	6.73	6.55	25.68	1.325	0.648	0.848	52.38	6.740
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	6.55	6.48	6.73	6.55		1.325	0.648		52.379	
CO Total Exhaust:	6.55	6.48	6.73	6.55	25.68	1.325	0.648	0.848	52.38	6.740

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 6.00 Month: 01 1
 * File 1, Run 1, Scenario 71.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 71 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 6.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

2030MONT

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	5.60	5.57	5.79	5.63	22.82	1.188	0.581	0.761	43.31	5.796
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.60	5.57	5.79	5.63		1.188	0.581		43.308	
CO Total Exhaust:	5.60	5.57	5.79	5.63	22.82	1.188	0.581	0.761	43.31	5.796

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 72.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 72 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.92	4.92	5.11	4.97	20.77	1.090	0.533	0.698	36.83	5.121
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.92	4.92	5.11	4.97		1.090	0.533		36.828	
CO Total Exhaust:	4.92	4.92	5.11	4.97	20.77	1.090	0.533	0.698	36.83	5.121

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 73.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 73 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.41	4.43	4.60	4.48	19.24	1.016	0.497	0.651	31.97	4.616
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.41	4.43	4.60	4.48		1.016	0.497		31.968	
CO Total Exhaust:	4.41	4.43	4.60	4.48	19.24	1.016	0.497	0.651	31.97	4.616

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 74.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 74 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Page 43

2030MONT
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.01	4.05	4.21	4.09	18.04	0.959	0.469	0.614	28.19	4.223

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.01	4.05	4.21	4.09		0.959	0.469		28.188	
CO Total Exhaust:	4.01	4.05	4.21	4.09	18.04	0.959	0.469	0.614	28.19	4.223

* #####
* St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
* File 1, Run 1, Scenario 75.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 75 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 10.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.70	3.74	3.89	3.79	17.09	0.913	0.447	0.585	25.16	3.908

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.74	3.89	3.79		0.913	0.447		25.164	
CO Total Exhaust:	3.70	3.74	3.89	3.79	17.09	0.913	0.447	0.585	25.16	3.908

* #####
* St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1
* File 1, Run 1, Scenario 76.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 76 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 11.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

2030MONT

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.48	3.53	3.67	3.57	15.70	0.844	0.413	0.541	22.76	3.667

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.48	3.53	3.67	3.57		0.844	0.413		22.759	
CO Total Exhaust:	3.48	3.53	3.67	3.57	15.70	0.844	0.413	0.541	22.76	3.667

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 77.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 77 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.30	3.35	3.48	3.38	14.55	0.786	0.385	0.504	20.75	3.467

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.30	3.35	3.48	3.38		0.786	0.385		20.754	
CO Total Exhaust:	3.30	3.35	3.48	3.38	14.55	0.786	0.385	0.504	20.75	3.467

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
 * File 1, Run 1, Scenario 78.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 78 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.19	3.32	3.23	13.57	0.737	0.361	0.472	19.06	3.297
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.19	3.32	3.23		0.737	0.361		19.058	
CO Total Exhaust:	3.15	3.19	3.32	3.23	13.57	0.737	0.361	0.472	19.06	3.297

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
 * File 1, Run 1, Scenario 79.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 79 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.01	3.06	3.18	3.10	12.74	0.695	0.340	0.445	17.60	3.152
Exhaust emissions (g/mi):										

	CO Start:	0.00	0.00	0.00	0.00	2030MONT	0.000	0.000	0.000		
	CO Running:	3.01	3.06	3.18	3.10		0.695	0.340	17.604		
	CO Total Exhaust:	3.01	3.06	3.18	3.10	12.74	0.695	0.340	0.445	17.60	3.152

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 80.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 80 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.90	2.95	3.07	2.98	12.01	0.659	0.322	0.422	16.34	3.026

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.90	2.95	3.07	2.98		0.659	0.322		16.344	
CO Total Exhaust:	2.90	2.95	3.07	2.98	12.01	0.659	0.322	0.422	16.34	3.026

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 81.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 81 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes

2030MONT

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.88	2.93	3.04	2.96	11.24	0.619	0.303	0.396	15.33	2.980
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.88	2.93	3.04	2.96		0.619	0.303		15.329	
CO Total Exhaust:	2.88	2.93	3.04	2.96	11.24	0.619	0.303	0.396	15.33	2.980

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 82.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 82 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 17.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.85	2.90	3.02	2.94	10.56	0.583	0.285	0.374	14.43	2.939
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.85	2.90	3.02	2.94		0.583	0.285		14.434	
CO Total Exhaust:	2.85	2.90	3.02	2.94	10.56	0.583	0.285	0.374	14.43	2.939

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
 * File 1, Run 1, Scenario 83.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 83 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 18.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:

2030MONT

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.83	2.88	3.00	2.92	9.95	0.552	0.270	0.353	13.64	2.903
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.83	2.88	3.00	2.92		0.552	0.270		13.637	
CO Total Exhaust:	2.83	2.88	3.00	2.92	9.95	0.552	0.270	0.353	13.64	2.903

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 84.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 84 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.82	2.87	2.98	2.90	9.41	0.523	0.256	0.335	12.93	2.871
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.82	2.87	2.98	2.90		0.523	0.256		12.925	
CO Total Exhaust:	2.82	2.87	2.98	2.90	9.41	0.523	0.256	0.335	12.93	2.871

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 85.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 85 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 20.0
 will be used for all hours of the day. 100% of VMT

2030MONT

has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.80	2.85	2.96	2.88	8.92	0.498	0.243	0.319	12.28	2.841
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.80	2.85	2.96	2.88		0.498	0.243		12.284	
CO Total Exhaust:	2.80	2.85	2.96	2.88	8.92	0.498	0.243	0.319	12.28	2.841

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1
* File 1, Run 1, Scenario 86.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 86 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 21.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.78	2.84	2.95	2.87	8.46	0.473	0.231	0.303	11.69	2.815

2030MONT

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.78	2.84	2.95	2.87		0.473	0.231		11.691	
CO Total Exhaust:	2.78	2.84	2.95	2.87	8.46	0.473	0.231	0.303	11.69	2.815

* #####

* St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1

* File 1, Run 1, Scenario 87.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 87 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 22.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh

GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):

Composite CO :	2.77	2.82	2.93	2.85	8.05	0.450	0.220	0.288	11.15	2.790

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.77	2.82	2.93	2.85		0.450	0.220		11.153	
CO Total Exhaust:	2.77	2.82	2.93	2.85	8.05	0.450	0.220	0.288	11.15	2.790

* #####

* St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1

* File 1, Run 1, Scenario 88.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 88 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 23.0 will be used for all hours of the day. 100% of VMT has been assigned to the freeway roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

2030MONT

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.76	2.81	2.92	2.84	7.67	0.430	0.210	0.275	10.66	2.768

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.76	2.81	2.92	2.84		0.430	0.210		10.661	
CO Total Exhaust:	2.76	2.81	2.92	2.84	7.67	0.430	0.210	0.275	10.66	2.768

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
 * File 1, Run 1, Scenario 89.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 89 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 24.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.75	2.80	2.91	2.83	7.32	0.411	0.201	0.263	10.21	2.747

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.75	2.80	2.91	2.83		0.411	0.201		10.210	
CO Total Exhaust:	2.75	2.80	2.91	2.83	7.32	0.411	0.201	0.263	10.21	2.747

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 25.0 Month: 01 1
 * File 1, Run 1, Scenario 90.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 90 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 25.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b

2030MONT

M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.74	2.79	2.90	2.82	7.00	0.393	0.192	0.252	9.79	2.729
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.74	2.79	2.90	2.82		0.393	0.192		9.795	
CO Total Exhaust:	2.74	2.79	2.90	2.82	7.00	0.393	0.192	0.252	9.79	2.729

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 26.0 Month: 01 1
* File 1, Run 1, Scenario 91.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 91 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 26.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.73	2.78	2.89	2.81	6.72	0.378	0.185	0.242	9.38	2.712
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.73	2.78	2.89	2.81		0.378	0.185		9.379	
CO Total Exhaust:	2.73	2.78	2.89	2.81	6.72	0.378	0.185	0.242	9.38	2.712

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 27.0 Month: 01 1
* File 1, Run 1, Scenario 92.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 92 RoadType: Non-Ramp
Page 53

2030MONT

M581 Warning:
The user supplied freeway average speed of 27.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	6.47	0.363	0.178	0.233	8.99	2.696
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.363	0.178		8.995	
CO Total Exhaust:	2.72	2.77	2.88	2.80	6.47	0.363	0.178	0.233	8.99	2.696

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
* File 1, Run 1, Scenario 93.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 93 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 28.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

2030MONT

Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.77	2.87	2.79	6.23	0.350	0.171	0.224	8.64	2.681
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.71	2.77	2.87	2.79		0.350	0.171		8.637	
CO Total Exhaust:	2.71	2.77	2.87	2.79	6.23	0.350	0.171	0.224	8.64	2.681

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 94.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 94 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.70	2.76	2.86	2.79	6.01	0.337	0.165	0.216	8.30	2.668
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.70	2.76	2.86	2.79		0.337	0.165		8.305	
CO Total Exhaust:	2.70	2.76	2.86	2.79	6.01	0.337	0.165	0.216	8.30	2.668

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
 * File 1, Run 1, Scenario 95.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 95 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 30.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi

2030MONT

Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.70	2.75	2.85	2.78	5.80	0.325	0.159	0.208	7.99	2.655
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.70	2.75	2.85	2.78		0.325	0.159		7.994	
CO Total Exhaust:	2.70	2.75	2.85	2.78	5.80	0.325	0.159	0.208	7.99	2.655

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 96.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 96 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.202	7.69	2.659
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.71	2.76	2.87	2.79		0.316	0.154		7.693	
CO Total Exhaust:	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.202	7.69	2.659

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 97.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 97 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:

2030MONT

there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	5.49	0.306	0.150	0.196	7.41	2.663
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.306	0.150		7.411	
CO Total Exhaust:	2.72	2.77	2.88	2.80	5.49	0.306	0.150	0.196	7.41	2.663

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 98.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 98 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.666
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.72	2.78	2.89	2.81		0.298	0.146		7.145	
CO Total Exhaust:	2.72	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.666

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 34.0 Month: 01 1

2030MONT

* File 1, Run 1, Scenario 99.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 99 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 34.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.185	6.90	2.670
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.73	2.79	2.90	2.82		0.289	0.142		6.895	
CO Total Exhaust:	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.185	6.90	2.670

* #####

* St & Cnty: 24031 MY: 2030 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 100.

* #####

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 100 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 35.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
					Page 58					

2030MONT

Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.85	2.91	3.02	2.94	4.92	0.270	0.132	0.173	6.26	2.769
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.85	2.91	3.02	2.94		0.270	0.132		6.259	
CO Total Exhaust:	2.85	2.91	3.02	2.94	4.92	0.270	0.132	0.173	6.26	2.769

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 38.0 Month: 01 1
 * File 1, Run 1, Scenario 103.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 103 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 38.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.812
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.90	2.97	3.07	3.00		0.265	0.130		6.074	
CO Total Exhaust:	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.812

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 39.0 Month: 01 1
 * File 1, Run 1, Scenario 104.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 104 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 39.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

2030MONT

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.854

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.95	3.02	3.12	3.05		0.260	0.127		5.899	
CO Total Exhaust:	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.854

* # # # # #

* St & Cnty: 24031 MY: 2030 Speed: 40.0 Month: 01 1

* File 1, Run 1, Scenario 105.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 105 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 40.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.163	5.73	2.894

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	2.99	3.06	3.17	3.09		0.255	0.125		5.733	
CO Total Exhaust:	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.163	5.73	2.894

2030MONT

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 41.0 Month: 01 1
* File 1, Run 1, Scenario 106.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 106 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 41.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	2.944

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.05	3.12	3.23	3.15		0.252	0.123		5.604	
CO Total Exhaust:	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	2.944

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 42.0 Month: 01 1
* File 1, Run 1, Scenario 107.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 107 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 42.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

2030MONT
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.10	3.18	3.29	3.21	4.66	0.250	0.122	0.160	5.48	2.992

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.10	3.18	3.29	3.21		0.250	0.122		5.482	
CO Total Exhaust:	3.10	3.18	3.29	3.21	4.66	0.250	0.122	0.160	5.48	2.992

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 43.0 Month: 01 1
 * File 1, Run 1, Scenario 108.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 108 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 43.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.23	3.34	3.26	4.64	0.247	0.121	0.158	5.37	3.038

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.15	3.23	3.34	3.26		0.247	0.121		5.365	
CO Total Exhaust:	3.15	3.23	3.34	3.26	4.64	0.247	0.121	0.158	5.37	3.038

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 44.0 Month: 01 1
 * File 1, Run 1, Scenario 109.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 109 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

2030MONT

Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.20	3.28	3.39	3.31	4.62	0.244	0.120	0.157	5.25	3.081
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.20	3.28	3.39	3.31		0.244	0.120		5.254	
CO Total Exhaust:	3.20	3.28	3.39	3.31	4.62	0.244	0.120	0.157	5.25	3.081

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 45.0 Month: 01 1
 * File 1, Run 1, Scenario 110.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 110 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.24	3.33	3.44	3.36	4.60	0.242	0.118	0.155	5.15	3.123
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.24	3.33	3.44	3.36		0.242	0.118		5.148	
CO Total Exhaust:	3.24	3.33	3.44	3.36	4.60	0.242	0.118	0.155	5.15	3.123

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 46.0 Month: 01 1
 * File 1, Run 1, Scenario 111.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 111 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 46.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
2030MONT

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.30	3.38	3.50	3.42	4.63	0.242	0.118	0.155	5.10	3.174
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.30	3.38	3.50	3.42		0.242	0.118		5.096	
CO Total Exhaust:	3.30	3.38	3.50	3.42	4.63	0.242	0.118	0.155	5.10	3.174

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 47.0 Month: 01 1
* File 1, Run 1, Scenario 112.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 112 RoadType: Non-Ramp
M581 Warning:
The user supplied freeway average speed of 47.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.35	3.44	3.56	3.47	4.66	0.241	0.118	0.154	5.05	3.224
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	

	CO Running:	3.35	3.44	3.56	3.47	2030MONT	0.241	0.118		5.046	
	CO Total Exhaust:	3.35	3.44	3.56	3.47	4.66	0.241	0.118	0.154	5.05	3.224

* #####

* St & Cnty: 24031 MY: 2030 Speed: 48.0 Month: 01 1

* File 1, Run 1, Scenario 113.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 113 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 48.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700

Ether Blend Oxygen Content: 0.015

Alcohol Blend Market Share: 0.300

Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.40	3.49	3.61	3.52	4.69	0.241	0.118	0.154	5.00	3.271

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.40	3.49	3.61	3.52		0.241	0.118		4.998	
CO Total Exhaust:	3.40	3.49	3.61	3.52	4.69	0.241	0.118	0.154	5.00	3.271

* #####

* St & Cnty: 24031 MY: 2030 Speed: 49.0 Month: 01 1

* File 1, Run 1, Scenario 114.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 114 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 49.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2030MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.45	3.54	3.66	3.58	4.72	0.240	0.118	0.154	4.95	3.316

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.45	3.54	3.66	3.58		0.240	0.118		4.952	
CO Total Exhaust:	3.45	3.54	3.66	3.58	4.72	0.240	0.118	0.154	4.95	3.316

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 50.0 Month: 01 1
 * File 1, Run 1, Scenario 115.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 115 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 50.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.49	3.59	3.71	3.62	4.75	0.240	0.117	0.154	4.91	3.360

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.49	3.59	3.71	3.62		0.240	0.117		4.908	
CO Total Exhaust:	3.49	3.59	3.71	3.62	4.75	0.240	0.117	0.154	4.91	3.360

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 51.0 Month: 01 1
 * File 1, Run 1, Scenario 116.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 116 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 51.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

2030MONT

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.55	3.65	3.77	3.68	4.84	0.242	0.118	0.155	4.91	3.412
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.55	3.65	3.77	3.68		0.242	0.118		4.908	
CO Total Exhaust:	3.55	3.65	3.77	3.68	4.84	0.242	0.118	0.155	4.91	3.412

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 52.0 Month: 01 1
 * File 1, Run 1, Scenario 117.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 117 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 52.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.60	3.70	3.82	3.74	4.93	0.244	0.119	0.156	4.91	3.463
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.60	3.70	3.82	3.74		0.244	0.119		4.908	
CO Total Exhaust:	3.60	3.70	3.82	3.74	4.93	0.244	0.119	0.156	4.91	3.463

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 53.0 Month: 01 1
 * File 1, Run 1, Scenario 118.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 118 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 53.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for

all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.65	3.75	3.88	3.79	5.02	0.246	0.120	0.157	4.91	3.512
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.65	3.75	3.88	3.79		0.246	0.120		4.908	
CO Total Exhaust:	3.65	3.75	3.88	3.79	5.02	0.246	0.120	0.157	4.91	3.512

* # # # # #

* St & Cnty: 24031 MY: 2030 Speed: 54.0 Month: 01 1

* File 1, Run 1, Scenario 119.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 119 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 54.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment: User supplied VMT mix.

M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.70	3.80	3.93	3.84	5.10	0.248	0.121	0.159	4.91	3.559

Exhaust emissions (g/mi):

2030MONT

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.70	3.80	3.93	3.84		0.248	0.121		4.908	
CO Total Exhaust:	3.70	3.80	3.93	3.84	5.10	0.248	0.121	0.159	4.91	3.559

* #

* St & Cnty: 24031 MY: 2030 Speed: 55.0 Month: 01 1

* File 1, Run 1, Scenario 120.

* #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 120 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 55.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:		<6000	>6000	(All)						
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.74	3.85	3.98	3.89	5.19	0.249	0.122	0.160	4.91	3.604

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.74	3.85	3.98	3.89		0.249	0.122		4.908	
CO Total Exhaust:	3.74	3.85	3.98	3.89	5.19	0.249	0.122	0.160	4.91	3.604

* #

* St & Cnty: 24031 MY: 2030 Speed: 56.0 Month: 01 1

* File 1, Run 1, Scenario 121.

* #

*FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 121 RoadType: Non-Ramp

M581 Warning:

The user supplied freeway average speed of 56.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

2030MONT

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.80	3.91	4.04	3.95	5.36	0.254	0.124	0.163	6.17	3.664
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.80	3.91	4.04	3.95		0.254	0.124		6.175	
CO Total Exhaust:	3.80	3.91	4.04	3.95	5.36	0.254	0.124	0.163	6.17	3.664

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 57.0 Month: 01 1
 * File 1, Run 1, Scenario 122.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 122 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 57.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801	-----	0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.85	3.96	4.09	4.00	5.52	0.258	0.126	0.166	7.40	3.721
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.85	3.96	4.09	4.00		0.258	0.126		7.397	
CO Total Exhaust:	3.85	3.96	4.09	4.00	5.52	0.258	0.126	0.166	7.40	3.721

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 58.0 Month: 01 1
 * File 1, Run 1, Scenario 123.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 123 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 58.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:

there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.90	4.02	4.15	4.05	5.68	0.263	0.129	0.168	8.58	3.776
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.90	4.02	4.15	4.05		0.263	0.129		8.577	
CO Total Exhaust:	3.90	4.02	4.15	4.05	5.68	0.263	0.129	0.168	8.58	3.776

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 59.0 Month: 01 1
* File 1, Run 1, Scenario 124.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 124 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 59.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.95	4.07	4.20	4.10	5.83	0.267	0.131	0.171	9.72	3.830
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.95	4.07	4.20	4.10		0.267	0.131		9.717	
CO Total Exhaust:	3.95	4.07	4.20	4.10	5.83	0.267	0.131	0.171	9.72	3.830

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 60.0 Month: 01 1
* File 1, Run 1, Scenario 125.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 125 RoadType: Non-Ramp
M581 Warning:

2030MONT

The user supplied freeway average speed of 60.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.99	4.12	4.25	4.15	5.98	0.271	0.133	0.174	10.82	3.882
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	3.99	4.12	4.25	4.15		0.271	0.133		10.819	
CO Total Exhaust:	3.99	4.12	4.25	4.15	5.98	0.271	0.133	0.174	10.82	3.882

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 61.0 Month: 01 1
* File 1, Run 1, Scenario 126.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 126 RoadType: Non-Ramp

M581 Warning:
The user supplied freeway average speed of 61.0
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

2030MONT

Composite Emission Factors (g/mi):										
Composite CO :	4.05	4.17	4.30	4.21	6.26	0.279	0.136	0.179	12.08	3.943

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.05	4.17	4.30	4.21		0.279	0.136		12.079	
CO Total Exhaust:	4.05	4.17	4.30	4.21	6.26	0.279	0.136	0.179	12.08	3.943

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 62.0 Month: 01 1
 * File 1, Run 1, Scenario 127.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 127 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 62.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						

VMT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.10	4.23	4.36	4.27	6.53	0.287	0.140	0.184	13.30	4.003

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.10	4.23	4.36	4.27		0.287	0.140		13.297	
CO Total Exhaust:	4.10	4.23	4.36	4.27	6.53	0.287	0.140	0.184	13.30	4.003

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 63.0 Month: 01 1
 * File 1, Run 1, Scenario 128.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 128 RoadType: Non-Ramp

M581 Warning:
 The user supplied freeway average speed of 63.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi

2030MONT

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.15	4.28	4.41	4.32	6.79	0.294	0.144	0.188	14.48	4.061

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.15	4.28	4.41	4.32		0.294	0.144		14.478	
CO Total Exhaust:	4.15	4.28	4.41	4.32	6.79	0.294	0.144	0.188	14.48	4.061

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 64.0 Month: 01 1
 * File 1, Run 1, Scenario 129.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 129 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 64.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.20	4.33	4.47	4.37	7.04	0.301	0.147	0.193	15.62	4.117

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.20	4.33	4.47	4.37		0.301	0.147		15.621	
CO Total Exhaust:	4.20	4.33	4.47	4.37	7.04	0.301	0.147	0.193	15.62	4.117

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 65.0 Month: 01 1
 * File 1, Run 1, Scenario 130.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Non-Ramp SCENARIO: 130 RoadType: Non-Ramp
 M581 Warning:
 The user supplied freeway average speed of 65.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the freeway roadway type for
 all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	4.25	4.38	4.52	4.42	7.28	0.308	0.151	0.197	16.73	4.171

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	4.25	4.38	4.52	4.42		0.308	0.151		16.729	
CO Total Exhaust:	4.25	4.38	4.52	4.42	7.28	0.308	0.151	0.197	16.73	4.171

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 34.6 Month: 01 1
* File 1, Run 1, Scenario 131.
* # # # # #
* FV FILE: FV4.FV OPMODE: Stable FACILITY: Fwy Ramp SCENARIO: 131 RoadType: Fwy Ramp

* Reading Hourly Roadway VMT distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VMT_FAC\FV4.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	5.15	5.09	5.21	5.12	5.13	0.285	0.139	0.182	6.68	4.766

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	0.00		0.000	0.000		0.000	
CO Running:	5.15	5.09	5.21	5.12		0.285	0.139		6.682	
CO Total Exhaust:	5.15	5.09	5.21	5.12	5.13	0.285	0.139	0.182	6.68	4.766

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 12.9 Month: 01 1
* File 1, Run 1, Scenario 132.

2030MONT

Reading User Supplied ROADWAY VMT Factors

MOIS COMMENT: User supplied VMT mix.

M 48 Warning:

M 48 Warning:

M 48 Warning:

```

M 48 Warning:

```

there are no sales for vehicle class LDD134

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Composite Emission Factors (g/mi):

	CO Start:	11.34	9.02	8.43	8.85		0.470	0.166		12.750
	CO Running:	2.81	2.83	2.97	2.87		0.752	0.368		19.109
CO Total Exhaust:		14.15	11.85	11.40	11.72	13.83	1.221	0.533	0.482	31.86 11.656

Reading User Supplied ROADWAY VMT Factors

```
data file: E:\AQPROG\MOBILE62\06MDC
M615 Comment:
User supplied VMT mix.
```

```

M 48 Warning:

```

```

there are no sales for vehicle class HDGV8a
M 48 Warning:

```

```

there are no sales for vehicle class HDGV8b
M 48 Warning:

```

there are no sales for vehicle class HDGB

there are no sales for vehicle class LDDT34

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 77

	2030MONT									
VTM Distribution:	0.2658	0.4528	0.1801		0.0223	0.0018	0.0004	0.0727	0.0041	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.18	3.96	4.04	3.98	13.83	0.909	0.423	0.482	21.30	4.065
Exhaust emissions (g/mi):										
CO Start:	1.37	1.13	1.07	1.11		0.157	0.055		2.195	
CO Running:	2.81	2.83	2.97	2.87		0.752	0.368		19.109	
CO Total Exhaust:	4.18	3.96	4.04	3.98	13.83	0.909	0.423	0.482	21.30	4.065

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 12.9 Month: 01 1
 * File 1, Run 1, Scenario 134.
 * #####
 * FV FILE: FV3.FV OPMODE: Stable FACILITY: Local SCENARIO: 134 RoadType: Local

* Reading Hourly Roadway VMT distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\VTM_FAC\FV3.FV

Reading User Supplied ROADWAY VMT Factors

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.81	2.83	2.97	2.87	13.82	0.752	0.368	0.482	19.11	2.935
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.81	2.83	2.97	2.87		0.752	0.368		19.109	
CO Total Exhaust:	2.81	2.83	2.97	2.87	13.82	0.752	0.368	0.482	19.11	2.935

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 1.00 Month: 01 1
 * File 1, Run 1, Scenario 135.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 135 RoadType: Art_Loc

M 52 Warning:
 1.00 speed increased to 2.5 mph minimum
 M583 Warning:
 The user supplied arterial average speed of 2.5
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK 2030MONT
M615 Comment:

User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	10.09	9.79	10.17	9.90	29.97	1.523	0.745	0.978	78.08	10.196
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	10.09	9.79	10.17	9.90		1.523	0.745		78.076	
CO Total Exhaust:	10.09	9.79	10.17	9.90	29.97	1.523	0.745	0.978	78.08	10.196

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 4.00 Month: 01 1
* File 1, Run 1, Scenario 138.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 138 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 4.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	7.88	7.72	8.02	7.81	27.28	1.399	0.684	0.898	62.02	8.041
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	

	CO Running:	7.88	7.72	8.02	7.81	2030MONT	1.399	0.684		62.016	
CO Total Exhaust:	7.88	7.72	8.02	7.81	27.28	1.399	0.684	0.898	62.02	8.041	

* #####

* St & Cnty: 24031 MY: 2030 Speed: 5.00 Month: 01 1

* File 1, Run 1, Scenario 139.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 139 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 5.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	6.55	6.48	6.73	6.55	25.66	1.325	0.648	0.850	52.38	6.748

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	6.55	6.48	6.73	6.55		1.325	0.648		52.379	
CO Total Exhaust:	6.55	6.48	6.73	6.55	25.66	1.325	0.648	0.850	52.38	6.748

* #####

* St & Cnty: 24031 MY: 2030 Speed: 6.00 Month: 01 1

* File 1, Run 1, Scenario 140.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 140 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 6.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2030MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	5.72	5.69	5.91	5.76	22.80	1.188	0.581	0.762	43.31	5.908

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	5.72	5.69	5.91	5.76		1.188	0.581		43.308	
CO Total Exhaust:	5.72	5.69	5.91	5.76	22.80	1.188	0.581	0.762	43.31	5.908

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 7.00 Month: 01 1
 * File 1, Run 1, Scenario 141.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 141 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 7.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm
 Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	5.13	5.13	5.33	5.19	20.75	1.090	0.533	0.699	36.83	5.309

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	5.13	5.13	5.33	5.19		1.090	0.533		36.828	
CO Total Exhaust:	5.13	5.13	5.33	5.19	20.75	1.090	0.533	0.699	36.83	5.309

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 8.00 Month: 01 1
 * File 1, Run 1, Scenario 142.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 142 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 8.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

2030MONT

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.69	4.71	4.89	4.76	19.22	1.016	0.497	0.652	31.97	4.859
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	4.69	4.71	4.89	4.76		1.016	0.497		31.968	
CO Total Exhaust:	4.69	4.71	4.89	4.76	19.22	1.016	0.497	0.652	31.97	4.859

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 9.00 Month: 01 1
 * File 1, Run 1, Scenario 143.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 143 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 9.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.35	4.38	4.55	4.43	18.03	0.959	0.469	0.616	28.19	4.509
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	4.35	4.38	4.55	4.43		0.959	0.469		28.188	
CO Total Exhaust:	4.35	4.38	4.55	4.43	18.03	0.959	0.469	0.616	28.19	4.509

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 10.0 Month: 01 1
 * File 1, Run 1, Scenario 144.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 144 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 10.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway

type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	4.07	4.12	4.28	4.16	17.07	0.913	0.447	0.586	25.16	4.230
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	4.07	4.12	4.28	4.16		0.913	0.447		25.164	
CO Total Exhaust:	4.07	4.12	4.28	4.16	17.07	0.913	0.447	0.586	25.16	4.230

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 11.0 Month: 01 1
 * File 1, Run 1, Scenario 145.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 145 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 11.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.87	3.92	4.07	3.96	15.69	0.844	0.413	0.542	22.76	4.015

2030MONT

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.87	3.92	4.07	3.96		0.844	0.413		22.759	
CO Total Exhaust:	3.87	3.92	4.07	3.96	15.69	0.844	0.413	0.542	22.76	4.015

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 12.0 Month: 01 1
 * File 1, Run 1, Scenario 146.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 146 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 12.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):

Composite CO :	3.71	3.75	3.89	3.79	14.54	0.786	0.385	0.505	20.75	3.836

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.71	3.75	3.89	3.79		0.786	0.385		20.754	
CO Total Exhaust:	3.71	3.75	3.89	3.79	14.54	0.786	0.385	0.505	20.75	3.836

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 13.0 Month: 01 1
 * File 1, Run 1, Scenario 147.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 147 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 13.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

2030MONT

Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.56	3.61	3.75	3.65	13.56	0.737	0.361	0.473	19.06	3.685
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.56	3.61	3.75	3.65		0.737	0.361		19.058	
CO Total Exhaust:	3.56	3.61	3.75	3.65	13.56	0.737	0.361	0.473	19.06	3.685

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 14.0 Month: 01 1
 * File 1, Run 1, Scenario 148.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 148 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 14.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.44	3.49	3.62	3.53	12.73	0.695	0.340	0.446	17.60	3.556
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.44	3.49	3.62	3.53		0.695	0.340		17.604	
CO Total Exhaust:	3.44	3.49	3.62	3.53	12.73	0.695	0.340	0.446	17.60	3.556

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 15.0 Month: 01 1
 * File 1, Run 1, Scenario 149.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 149 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 15.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:

there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.34	3.38	3.51	3.42	12.00	0.659	0.322	0.423	16.34	3.443
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.34	3.38	3.51	3.42		0.659	0.322		16.344	
CO Total Exhaust:	3.34	3.38	3.51	3.42	12.00	0.659	0.322	0.423	16.34	3.443

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 16.0 Month: 01 1
 * File 1, Run 1, Scenario 150.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 150 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 16.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.25	3.29	3.42	3.33	11.23	0.619	0.303	0.397	15.33	3.345
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.25	3.29	3.42	3.33		0.619	0.303		15.329	
CO Total Exhaust:	3.25	3.29	3.42	3.33	11.23	0.619	0.303	0.397	15.33	3.345

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 17.0 Month: 01 1
 * File 1, Run 1, Scenario 151.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 151 RoadType: Art_Loc
 M583 Warning:

The user supplied arterial average speed of 17.0 will be used for all hours of the day. 100% of VMT has been assigned to the arterial/collector roadway type for all hours of the day and all vehicle types.

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

Calendar Year:	2030
Month:	Jan.
Altitude:	Low
Minimum Temperature:	33.0 (F)
Maximum Temperature:	53.0 (F)
Absolute Humidity:	75. grains/lb
Nominal Fuel RVP:	12.9 psi
Weathered RVP:	12.9 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

```
* #####
* St & Cnty: 24031 MY: 2030 Speed: 18.0 Month: 01 1
* File 1, Run 1, Scenario 152.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 152 RoadType: Art_Loc
```

```

M583 Warning:
  The user supplied arterial average speed of 18.0
  will be used for all hours of the day. 100% of VMT
  has been assigned to the arterial/collector roadway
  type for all hours of the day and all vehicle types.

```

```

M 48 Warning: User supplied VMT mix.
M 48 Warning: there are no sales for vehicle class HDGV7
M 48 Warning: there are no sales for vehicle class HDGV8a
M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class HDGB
M 48 Warning: there are no sales for vehicle class LDDT34

```

```

Data File: C:\Users\james\OneDrive\Documents\MOBILE
Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

```

Exhaust I/M Program:	Yes
Evap I/M Program:	Yes
ATP Program:	Yes
Reformulated Gas:	No

Ether Blend Market Share: 0.700	Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015	Alcohol Blend Oxygen Content: 0.035
	Alcohol Blend RVP Waiver: No

Page 88

2030MONT

Composite Emission Factors (g/mi):										
Composite CO :	3.09	3.14	3.26	3.17	9.94	0.552	0.270	0.354	13.64	3.180

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.09	3.14	3.26	3.17		0.552	0.270		13.637	
CO Total Exhaust:	3.09	3.14	3.26	3.17	9.94	0.552	0.270	0.354	13.64	3.180

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 19.0 Month: 01 1
 * File 1, Run 1, Scenario 153.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 153 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 19.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	3.03	3.08	3.19	3.11	9.40	0.523	0.256	0.336	12.93	3.111

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.03	3.08	3.19	3.11		0.523	0.256		12.925	
CO Total Exhaust:	3.03	3.08	3.19	3.11	9.40	0.523	0.256	0.336	12.93	3.111

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 20.0 Month: 01 1
 * File 1, Run 1, Scenario 154.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 154 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 20.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi

2030MONT

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.97	3.02	3.13	3.05	8.91	0.498	0.243	0.319	12.28	3.049

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.97	3.02	3.13	3.05		0.498	0.243		12.284	
CO Total Exhaust:	2.97	3.02	3.13	3.05	8.91	0.498	0.243	0.319	12.28	3.049

* # # # # #

* St & Cnty: 24031 MY: 2030 Speed: 21.0 Month: 01 1

* File 1, Run 1, Scenario 155.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 155 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 21.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030

Month: Jan.

Altitude: Low

Minimum Temperature: 33.0 (F)

Maximum Temperature: 53.0 (F)

Absolute Humidity: 75. grains/lb

Nominal Fuel RVP: 12.9 psi

Weathered RVP: 12.9 psi

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300

Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035

Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.92	2.97	3.08	3.00	8.46	0.473	0.231	0.304	11.69	2.995

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.92	2.97	3.08	3.00		0.473	0.231		11.691	
CO Total Exhaust:	2.92	2.97	3.08	3.00	8.46	0.473	0.231	0.304	11.69	2.995

* # # # # #

* St & Cnty: 24031 MY: 2030 Speed: 22.0 Month: 01 1

* File 1, Run 1, Scenario 156.

* # # # # #

* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 156 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 22.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

2030MONT

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.88	2.92	3.04	2.96	8.04	0.450	0.220	0.289	11.15	2.946
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.88	2.92	3.04	2.96		0.450	0.220		11.153	
CO Total Exhaust:	2.88	2.92	3.04	2.96	8.04	0.450	0.220	0.289	11.15	2.946

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 23.0 Month: 01 1
* File 1, Run 1, Scenario 157.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 157 RoadType: Art_Loc
M583 Warning:
The user supplied arterial average speed of 23.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
MT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.84	2.88	2.99	2.91	7.66	0.430	0.210	0.276	10.66	2.902
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.84	2.88	2.99	2.91		0.430	0.210		10.661	
CO Total Exhaust:	2.84	2.88	2.99	2.91	7.66	0.430	0.210	0.276	10.66	2.902

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 24.0 Month: 01 1
* File 1, Run 1, Scenario 158.

2030MONT

Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.74	2.79	2.89	2.82	6.46	0.363	0.178	0.233	8.99	2.792
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.74	2.79	2.89	2.82		0.363	0.178		8.995	
CO Total Exhaust:	2.74	2.79	2.89	2.82	6.46	0.363	0.178	0.233	8.99	2.792

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 28.0 Month: 01 1
 * File 1, Run 1, Scenario 162.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 162 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 28.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	6.23	0.350	0.171	0.224	8.64	2.778
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.350	0.171		8.637	
CO Total Exhaust:	2.72	2.77	2.88	2.80	6.23	0.350	0.171	0.224	8.64	2.778

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 29.0 Month: 01 1
 * File 1, Run 1, Scenario 163.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 163 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 29.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:

2030MONT

there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.76	2.87	2.79	6.00	0.337	0.165	0.216	8.30	2.764
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.71	2.76	2.87	2.79		0.337	0.165		8.305	
CO Total Exhaust:	2.71	2.76	2.87	2.79	6.00	0.337	0.165	0.216	8.30	2.764

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 30.0 Month: 01 1
* File 1, Run 1, Scenario 164.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 164 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 30.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm
Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.70	2.75	2.86	2.78	5.80	0.325	0.159	0.209	7.99	2.752
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.70	2.75	2.86	2.78		0.325	0.159		7.994	
CO Total Exhaust:	2.70	2.75	2.86	2.78	5.80	0.325	0.159	0.209	7.99	2.752

2030MONT

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 31.0 Month: 01 1
 * File 1, Run 1, Scenario 165.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 165 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 31.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.203	7.69	2.759
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.71	2.76	2.87	2.79		0.316	0.154		7.693	
CO Total Exhaust:	2.71	2.76	2.87	2.79	5.64	0.316	0.154	0.203	7.69	2.759

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 32.0 Month: 01 1
 * File 1, Run 1, Scenario 166.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 166 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 32.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

2030MONT

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.72	2.77	2.88	2.80	5.48	0.306	0.150	0.197	7.41	2.766

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.72	2.77	2.88	2.80		0.306	0.150		7.411	
CO Total Exhaust:	2.72	2.77	2.88	2.80	5.48	0.306	0.150	0.197	7.41	2.766

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 33.0 Month: 01 1
 * File 1, Run 1, Scenario 167.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 167 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 33.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.73	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.772

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.73	2.78	2.89	2.81		0.298	0.146		7.145	
CO Total Exhaust:	2.73	2.78	2.89	2.81	5.34	0.298	0.146	0.191	7.15	2.772

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 34.0 Month: 01 1
 * File 1, Run 1, Scenario 168.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 168 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 34.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.

2030MONT

Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.186	6.90	2.778

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.73	2.79	2.90	2.82		0.289	0.142		6.895	
CO Total Exhaust:	2.73	2.79	2.90	2.82	5.21	0.289	0.142	0.186	6.90	2.778

* #####

* St & Cnty: 24031 MY: 2030 Speed: 35.0 Month: 01 1

* File 1, Run 1, Scenario 169.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 169 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 35.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

M615 Comment:

User supplied VMT mix.

M 48 Warning:

there are no sales for vehicle class HDGV7

M 48 Warning:

there are no sales for vehicle class HDGV8a

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class HDGB

M 48 Warning:

there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.74	2.80	2.90	2.83	5.08	0.282	0.138	0.181	6.66	2.784

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.74	2.80	2.90	2.83		0.282	0.138		6.660	
CO Total Exhaust:	2.74	2.80	2.90	2.83	5.08	0.282	0.138	0.181	6.66	2.784

* #####

* St & Cnty: 24031 MY: 2030 Speed: 36.0 Month: 01 1

* File 1, Run 1, Scenario 170.

* #####

*FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 170 RoadType: Art_Loc

M583 Warning:

The user supplied arterial average speed of 36.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external

* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK

2030MONT

M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.80	2.86	2.96	2.89	4.99	0.276	0.135	0.177	6.45	2.839

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.80	2.86	2.96	2.89		0.276	0.135		6.454	
CO Total Exhaust:	2.80	2.86	2.96	2.89	4.99	0.276	0.135	0.177	6.45	2.839

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 37.0 Month: 01 1
* File 1, Run 1, Scenario 171.

* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 171 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 37.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.85	2.91	3.02	2.94	4.91	0.270	0.132	0.173	6.26	2.891

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.85	2.91	3.02	2.94		0.270	0.132		6.259	

CO Total Exhaust: 2.85 2.91 3.02 2.94 2030MONT 4.91 0.270 0.132 0.173 6.26 2.891

* #####
* St & Cnty: 24031 MY: 2030 Speed: 38.0 Month: 01 1
* File 1, Run 1, Scenario 172.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 172 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 38.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):										
Composite CO :	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.940

Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.90	2.97	3.07	3.00		0.265	0.130		6.074	
CO Total Exhaust:	2.90	2.97	3.07	3.00	4.84	0.265	0.130	0.170	6.07	2.940

* #####
* St & Cnty: 24031 MY: 2030 Speed: 39.0 Month: 01 1
* File 1, Run 1, Scenario 173.
* #####
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO10: 173 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 39.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:
User supplied VMT mix.

M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

2030MONT

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.987
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.95	3.02	3.12	3.05		0.260	0.127		5.899	
CO Total Exhaust:	2.95	3.02	3.12	3.05	4.77	0.260	0.127	0.167	5.90	2.987

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 40.0 Month: 01 1
 * File 1, Run 1, Scenario 174.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 174 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 40.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.164	5.73	3.031
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	2.99	3.06	3.17	3.09		0.255	0.125		5.733	
CO Total Exhaust:	2.99	3.06	3.17	3.09	4.70	0.255	0.125	0.164	5.73	3.031

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 41.0 Month: 01 1
 * File 1, Run 1, Scenario 175.
 * # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 175 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 41.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

2030MONT
LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	3.086
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.05	3.12	3.23	3.15		0.252	0.123		5.604	
CO Total Exhaust:	3.05	3.12	3.23	3.15	4.68	0.252	0.123	0.162	5.60	3.086

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 42.0 Month: 01 1
* File 1, Run 1, Scenario 176.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 176 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 42.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
* data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
M615 Comment:

User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV7
M 48 Warning:
there are no sales for vehicle class HDGV8a
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class HDGB
M 48 Warning:
there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
Month: Jan.
Altitude: Low
Minimum Temperature: 33.0 (F)
Maximum Temperature: 53.0 (F)
Absolute Humidity: 75. grains/lb
Nominal Fuel RVP: 12.9 psi
Weathered RVP: 12.9 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VTM Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.10	3.18	3.29	3.21	4.65	0.250	0.122	0.160	5.48	3.138
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.10	3.18	3.29	3.21		0.250	0.122		5.482	
CO Total Exhaust:	3.10	3.18	3.29	3.21	4.65	0.250	0.122	0.160	5.48	3.138

* # # # # #
* St & Cnty: 24031 MY: 2030 Speed: 43.0 Month: 01 1
* File 1, Run 1, Scenario 177.
* # # # # #
* FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 177 RoadType: Art_Loc

M583 Warning:
The user supplied arterial average speed of 43.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.

2030MONT

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.15	3.23	3.34	3.26	4.63	0.247	0.121	0.158	5.37	3.188
Exhaust emissions (g/mi):										
CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.15	3.23	3.34	3.26		0.247	0.121		5.365	
CO Total Exhaust:	3.15	3.23	3.34	3.26	4.63	0.247	0.121	0.158	5.37	3.188

* # # # # #
 * St & Cnty: 24031 MY: 2030 Speed: 44.0 Month: 01 1
 * File 1, Run 1, Scenario 178.

* # # # # #
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 178 RoadType: Art_Loc

M583 Warning:
 The user supplied arterial average speed of 44.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:

User supplied VMT mix.
 M 48 Warning: there are no sales for vehicle class HDGV7
 M 48 Warning: there are no sales for vehicle class HDGV8a
 M 48 Warning: there are no sales for vehicle class HDGV8b
 M 48 Warning: there are no sales for vehicle class HDGB
 M 48 Warning: there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D

Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GWR:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VMT Distribution:	0.2875	0.4900	0.1950	-----	0.0049	0.0020	0.0004	0.0157	0.0045	1.0000
Composite Emission Factors (g/mi):										
Composite CO :	3.20	3.28	3.39	3.31	4.61	0.244	0.120	0.157	5.25	3.236
Exhaust emissions (g/mi):										

2030MONT

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.20	3.28	3.39	3.31		0.244	0.120		5.254	
CO Total Exhaust:	3.20	3.28	3.39	3.31	4.61	0.244	0.120	0.157	5.25	3.236

* #####
 * St & Cnty: 24031 MY: 2030 Speed: 45.0 Month: 01 1
 * File 1, Run 1, Scenario 179.
 * #####
 * FV FILE: .FV OPMODE: Stable FACILITY: Arterial SCENARIO: 179 RoadType: Art_Loc
 M583 Warning:
 The user supplied arterial average speed of 45.0
 will be used for all hours of the day. 100% of VMT
 has been assigned to the arterial/collector roadway
 type for all hours of the day and all vehicle types.

* Reading start SOAK distribution from the following external
 * data file: E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\OPMODE\SOAKZERO.SK
 M615 Comment:
 User supplied VMT mix.

M 48 Warning:
 there are no sales for vehicle class HDGV7
 M 48 Warning:
 there are no sales for vehicle class HDGV8a
 M 48 Warning:
 there are no sales for vehicle class HDGV8b
 M 48 Warning:
 there are no sales for vehicle class HDGB
 M 48 Warning:
 there are no sales for vehicle class LDDT34

LEV phase-in data read from file E:\AQPROG\MOBILE62\06MDCOM\EXT_DATA\LEV\NLEVNE.D
 Calendar Year: 2030
 Month: Jan.
 Altitude: Low
 Minimum Temperature: 33.0 (F)
 Maximum Temperature: 53.0 (F)
 Absolute Humidity: 75. grains/lb
 Nominal Fuel RVP: 12.9 psi
 Weathered RVP: 12.9 psi
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
 Evap I/M Program: Yes
 ATP Program: Yes
 Reformulated Gas: No

Ether Blend Market Share: 0.700 Alcohol Blend Market Share: 0.300
 Ether Blend Oxygen Content: 0.015 Alcohol Blend Oxygen Content: 0.035
 Alcohol Blend RVP Waiver: No

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2875	0.4900	0.1950		0.0049	0.0020	0.0004	0.0157	0.0045	1.0000

Composite Emission Factors (g/mi):
 Composite CO : 3.24 3.33 3.44 3.36 4.60 0.242 0.118 0.155 5.15 3.281

Exhaust emissions (g/mi):

CO Start:	0.00	0.00	0.00	1.11		0.000	0.000		0.000	
CO Running:	3.24	3.33	3.44	3.36		0.242	0.118		5.148	
CO Total Exhaust:	3.24	3.33	3.44	3.36	4.60	0.242	0.118	0.155	5.15	3.281

Appendix C

CAL3QHC Input and Output Files

Site 1
Muddy Branch & Great Seneca Highway

S1EXAM.DAT									
S1	EX	AM	MUD	GRT	SEN	20.075.00.0000.000280.30480000	11	1	
REC 1	400'	SE	corner	251117.	525663.	5.			
REC 2	164'	SE	corner	250893.	525749.	5.			
REC 3	82'	SE	corner	250815.	525784.	5.			
REC 4	SE	corner		250752.	525832.	5.			
REC 5	82'	ES	corner	250762.	525912.	5.			
REC 6	164'	ES	corner	250787.	525990.	5.			
REC 7	400'	ES	corner	250858.	526215.	5.			
REC 8	400'	EN	corner	250733.	526292.	5.			
REC 9	164'	EN	corner	250684.	526057.	5.			
REC 10	82'	EN	corner	250660.	525983.	5.			
REC 11	NE	corner		250612.	525919.	5.			
REC 12	82'	NE	corner	250529.	525944.	5.			
REC 13	164'	NE	corne	250462.	525988.	5.			
REC 14	400'	NE	corne	250258.	526110.	5.			
REC 15	400'	NW	corne	250236.	525986.	5.			
REC 16	164'	NW	corne	250428.	525848.	5.			
REC 17	82'	NW	corner	250500.	525802.	5.			
REC 18	NW	corner		250576.	525764.	5.			
REC 19	82'	WN	corner	250566.	525683.	5.			
REC 20	164'	WN	corne	250541.	525603.	5.			
REC 21	400'	WN	corner	250465.	525379.	5.			
REC 22	400'	WS	corne	250573.	525286.	5.			
REC 23	164'	WS	corne	250639.	525516.	5.			
REC 24	82'	WS	corner	250660.	525582.	5.			
REC 25	SW	corner		250699.	525657.	5.			
REC 26	82'	SW	corner	250802.	525639.	5.			
REC 27	164'	SW	corne	250882.	525604.	5.			
REC 28	400'	SW	corne	251100.	525532.	5.			
S1	EX	AM	MUD	GRT	SEN	60	1	1	
1									
1		WB	GRT	SENAG25042.	525275.251701.525432.	518	2.9	0.32.	40.
2		WB	GRT	SENAG251701.525432.251172.525610.		518	2.9	0.44.	40.
3		WB	GRT	S TAG251172.525610.251075.525638.		261	2.9	0.44.	40.
4		WB	GRT	S TAG251075.525638.250657.525818.		261	2.9	0.44.	40.
5		WB	GRT	S TAG250727.525788.250893.525716.		0.	24.	2	
165				152 3.0 261 29.1 1800 3 3					
6		WB	GRT	S LAG251168.525594.251110.525604.		189	2.9	0.32.	40.
7		WB	GRT	S LAG251110.525604.251071.525616.		169	2.9	0.32.	40.
7		WB	GRT	S LAG251071.525616.250648.525800.		169	2.9	0.32.	40.
9		WB	GRT	S LAG250720.525768.250885.525696.		0.	12	1	
165				150 3.0 169 29.1 1750 3 3					
10		WB	GRT	S RAG251175.525622.251017.525678.		88	2.9	0.32.	40.
11		WB	GRT	S RAG251017.525678.250843.525754.		88	2.9	0.32.	40.
12		WB	GRT	SRTAG250843.525754.250746.525802.		88	2.9	0.32.	40.
12		WB	GRT	SRTAG250746.525802.250720.525873.		88	2.9	0.32.	40.
14		WB	GRT	S RAG250730.525846.250744.525806.		0.	12	1	
165				152 3.0 88 29.1 1750 3 3					
15		WB	GRT	SENAG250657.525818.250527.525910.		404	2.9	0.32.	40.
16		WB	GRT	SENAG250527.525910.250122.526170.		490	2.9	0.44.	40.
17		WB	GRT	SENAG250122.526170.249777.526397.		490	2.9	0.44.	40.
18		WB	GRT	SENAG249777.526397.249618.526508.		490	2.9	0.44.	40.
19		WB	GRT	SENAG249618.526508.249476.526640.		490	2.9	0.44.	40.
20		EB	GRT	SENAG249438.526586.249531.526493.		742	2.9	0.44.	40.
21		EB	GRT	SENAG249531.526493.249637.526409.		742	2.9	0.44.	40.
22		EB	GRT	SENAG249637.526409.250028.526152.		742	2.9	0.44.	40.
23		EB	GRT	SENAG250028.526152.250308.525969.		742	2.9	0.44.	40.
24		EB	GRT	ST AG250308.525969.250635.525769.		245	2.9	0.44.	40.
25		EB	GRT	ST AG250580.525802.250413.525905.		0.	24	2	
165				152 3.0 245 29.1 1800 3 3					
24		EB	GRT	SLTAG250348.525958.250643.525778.		102	2.9	0.32.	40.
27		EB	GRT	LT AG250586.525813.250431.525908.		0.	12	1	
165				150 3.0 102 29.1 1750 3 3					
28		EB	GRT	S RAG250337.525941.250631.525756.		395	2.9	0.32.	40.
29		EB	GRT	SRTAG250574.525792.250431.525882.		0.	12	1	
165				152 3.0 395 29.1 1750 3 3					
30		EB	GRT	SENAG250635.525769.250798.525673.		1	2.9	0.44.	40.
31		EB	GRT	SENAG250798.525673.250980.525599.		405	2.9	0.44.	40.
32		EB	GRT	SENAG250980.525599.251734.525348.		405	2.9	0.44.	40.
33		EB	GRT	SENAG251734.525348.252023.525218.		405	2.9	0.44.	40.
34		SB	MUDBRNCAG251051.527178.250980.526917.		2563	2.7	0.44.	35.	
35		SB	MUDBRNCAG250980.526917.250771.526263.		2563	2.7	0.44.	35	

S1EXAM.DAT									
36	1	SB	MUDBRNCAG250771.526263.250755.526174.	2563	2.7	0.	44.	35.	
37	1	SB	MUDBRNCAG250755.526174.250640.525802.	2385	2.7	0.	32.	35.	
38	2	SB	MUDBRNCAG250669.525896.250721.526062.	0.	12	1			
	165	41	3.0 2385 29.1 1800 3 3						
39	1	SB	MUDBRNCAG250769.526187.250653.525796.	92	2.7	0.	32	35.	
40	2	SB	MUDBRNCAG250681.525891.250731.526059.	0.	12	1			
	165	152	3.0 92 29.1 1750 3 3						
41	1	SB	MUDBRNCAG250744.526199.250655.525916.	86	2.7	0.	32	35.	
42	1	SB	MUDBRNCAG250655.525916.250594.525893.	86	2.7	0.	32	35.	
43	2	SB	MUDBRNCAG250606.525898.250649.525914.	0.	12	1			
	165	41	3.0 86 29.1 1750 3 3						
44	1	SB	MUDBRNCAG250594.525893.250521.525913.	86	2.7	0.	32	35.	
45	1	SB	MUDBRNCAG250640.525802.250580.525654.	2949	2.7	0.	44	35.	
46	1	SB	MUDBRNCAG250580.525654.250453.525256.	2949	2.7	0.	44	35.	
47	1	SB	MUDBRNCAG250453.525256.250227.524689.	2949	2.7	0.	44	35.	
48	1	SB	MUDBRNCAG250227.524689.250121.524392.	2949	2.7	0.	44	35.	
49	1	NB	MUDBRNCAG250191.524366.250292.524646.	640	2.7	0.	44	35.	
50	1	NB	MUDBRNCAG250292.524646.250555.525342.	840	2.7	0.	44	35.	
51	1	NB	MUDBRNCAG250555.525342.250681.525784.	429	2.7	0.	44	35.	
52	2	NB	MUDBRNCAG250658.525702.250607.525523.	0.	24	2			
	165	41	3.0 429 29.1 1800 3 3						
53	1	NB	MUDBRNCAG250542.525363.250669.525791.	143	2.7	0.	32	35.	
54	2	NB	MUDBRNCAG250642.525703.250592.525531.	0.	12	1			
	165	163	3.0 143 29.1 1750 3 3						
55	1	NB	MUDBRNCAG250573.525356.250664.525659.	68	2.7	0.	32	35.	
56	1	NB	MUDBRNCAG250664.525659.250755.525697.	68	2.7	0.	32	35.	
57	2	NB	MUDBRNCAG250722.525683.250673.525663.	0.	12	1			
	165	41	3.0 68 29.1 1750 3 3						
58	1	NB	MUDBRNCAG250681.525784.250720.525873.	619	2.7	0.	44	35.	
59	1	NB	MUDBRNCAG250720.525873.250892.526398.	619	2.7	0.	44	35.	
60	1	NB	MUDBRNCAG250892.526398.251124.527157.	619	2.7	0.	44	35.	
1.0	0.4	1000.	0.0Y 5 0.72.						

JOB: S1 EX AM MUDGRTSN
DATE: 12/13/2006 TIME: 12:06:18.05

RUN: S1 EX AM MUD GRT SEN

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 75. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 20. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	WB GRT SEN*	252042.0	525275.0	251701.0	525432.0	*	375.	295. AG	518.	2.9	.0	32.0	
2. 2	WB GRT SEN*	251701.0	525432.0	251172.0	525610.0	*	558.	289. AG	518.	2.9	.0	44.0	
3. 3	WB GRT S T*	251172.0	525610.0	251075.0	525638.0	*	101.	286. AG	261.	2.9	.0	44.0	
4. 4	WB GRT S T*	251075.0	525638.0	250657.0	525818.0	*	455.	293. AG	261.	2.9	.0	44.0	
5. 5	WB GRT S T*	250727.0	525788.0	251751.4	525343.5	*	1117.	113. AG	144.	100.0	.0	24.0	3.42 56.7
6. 6	WB GRT S L*	251168.0	525594.0	251110.0	525604.0	*	59.	280. AG	189.	2.9	.0	32.0	
7. 7	WB GRT S L*	251110.0	525604.0	251071.0	525616.0	*	41.	287. AG	169.	2.9	.0	32.0	
8. 7	WB GRT S L*	251071.0	525616.0	250648.0	525800.0	*	461.	294. AG	169.	2.9	.0	32.0	
9. 9	WB GRT S L*	250720.0	525768.0	252078.4	525175.1	*	1482.	114. AG	71.	100.0	.0	12.0	3.76 75.3
10. 10	WB GRT S R*	251175.0	525622.0	251017.0	525678.0	*	168.	290. AG	88.	2.9	.0	32.0	
11. 11	WB GRT S R*	251017.0	525678.0	250843.0	525754.0	*	190.	294. AG	88.	2.9	.0	32.0	
12. 12	WB GRT SRT*	250843.0	525754.0	250746.0	525802.0	*	108.	296. AG	88.	2.9	.0	32.0	
13. 12	WB GRT SRT*	250746.0	525802.0	250720.0	525873.0	*	76.	340. AG	88.	2.9	.0	32.0	
14. 14	WB GRT S R*	250730.0	525846.0	250946.9	525226.2	*	657.	161. AG	72.	100.0	.0	12.0	2.44 33.4
15. 15	WB GRT SEN*	250657.0	525818.0	250527.0	525910.0	*	159.	305. AG	404.	2.9	.0	32.0	
16. 16	WB GRT SEN*	250527.0	525910.0	250122.0	526170.0	*	481.	303. AG	490.	2.9	.0	44.0	
17. 17	WB GRT SEN*	250122.0	526170.0	249777.0	526397.0	*	413.	303. AG	490.	2.9	.0	44.0	
18. 18	WB GRT SEN*	249777.0	526397.0	249618.0	526508.0	*	194.	305. AG	490.	2.9	.0	44.0	
19. 19	WB GRT SEN*	249618.0	526508.0	249476.0	526640.0	*	194.	313. AG	490.	2.9	.0	44.0	
20. 20	EB GRT SEN*	249438.0	526586.0	249531.0	526493.0	*	132.	135. AG	742.	2.9	.0	44.0	
21. 21	EB GRT SEN*	249531.0	526493.0	249637.0	526409.0	*	135.	128. AG	742.	2.9	.0	44.0	
22. 22	EB GRT SEN*	249637.0	526409.0	250028.0	526152.0	*	468.	123. AG	742.	2.9	.0	44.0	
23. 23	EB GRT SEN*	250028.0	526152.0	250308.0	525969.0	*	334.	123. AG	742.	2.9	.0	44.0	
24. 24	EB GRT ST*	250308.0	525969.0	250635.0	525769.0	*	383.	121. AG	245.	2.9	.0	44.0	
25. 25	EB GRT ST*	250580.0	525802.0	249707.6	526340.0	*	1025.	302. AG	144.	100.0	.0	24.0	3.21 52.1
26. 24	EB GRT SLT*	250348.0	525958.0	250643.0	525778.0	*	346.	121. AG	102.	2.9	.0	32.0	
27. 27	EB GRT LT*	250586.0	525813.0	249973.1	526188.8	*	719.	302. AG	71.	100.0	.0	12.0	2.27 36.5
28. 28	EB GRT S R*	250337.0	525941.0	250631.0	525756.0	*	347.	122. AG	395.	2.9	.0	32.0	
29. 29	EB GRT SRT*	250574.0	525792.0	247032.9	528019.9	*	4184.	302. AG	72.	100.0	.0	12.0	**** 212.5
30. 30	EB GRT SEN*	250635.0	525769.0	250798.0	525673.0	*	189.	120. AG	1.	2.9	.0	44.0	
31. 31	EB GRT SEN*	250798.0	525673.0	250980.0	525599.0	*	196.	112. AG	405.	2.9	.0	44.0	
32. 32	EB GRT SEN*	250980.0	525599.0	251734.0	525348.0	*	795.	108. AG	405.	2.9	.0	44.0	
33. 33	EB GRT SEN*	251734.0	525348.0	252023.0	525218.0	*	317.	114. AG	405.	2.9	.0	44.0	
34. 34	SB MUDBRNC*	251051.0	527178.0	250980.0	526917.0	*	271.	195. AG	2563.	2.7	.0	44.0	
35. 35	SB MUDBRNC*	250980.0	526917.0	250771.0	526263.0	*	687.	198. AG	2563.	2.7	.0	44.0	
36. 36	SB MUDBRNC*	250771.0	526263.0	250755.0	526174.0	*	90.	190. AG	2563.	2.7	.0	44.0	
37. 37	SB MUDBRNC*	250755.0	526174.0	250640.0	525802.0	*	389.	197. AG	2385.	2.7	.0	32.0	
38. 38	SB MUDBRNC*	250669.0	525896.0	256297.4	543860.4	*	*****	17. AG	19.	100.0	.0	12.0	4.14 956.3
39. 39	SB MUDBRNC*	250769.0	526187.0	250653.0	525796.0	*	408.	197. AG	92.	2.7	.0	32.0	
40. 40	SB MUDBRNC*	250681.0	525891.0	250881.5	526564.4	*	703.	17. AG	72.	100.0	.0	12.0	2.56 35.7
41. 41	SB MUDBRNC*	250744.0	526199.0	250655.0	525916.0	*	297.	197. AG	86.	2.7	.0	32.0	
42. 42	SB MUDBRNC*	250655.0	525916.0	250594.0	525893.0	*	65.	249. AG	86.	2.7	.0	32.0	
43. 43	SB MUDBRNC*	250606.0	525898.0	250624.1	525904.7	*	19.	70. AG	19.	100.0	.0	12.0	.16 1.0
44. 44	SB MUDBRNC*	250594.0	525893.0	250521.0	525913.0	*	76.	285. AG	86.	2.7	.0	32.0	

JOB: S1 EX AM MUDGRTSN
DATE: 12/13/2006 TIME: 12:06:18.05

RUN: S1 EX AM MUD GRT SEN

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	SB MUDBRNC*	250640.0	525802.0	250580.0	525654.0	*	160.	202. AG	2949.	2.7	.0	44.0	
46. 46	SB MUDBRNC*	250580.0	525654.0	250453.0	525256.0	*	418.	198. AG	2949.	2.7	.0	44.0	
47. 47	SB MUDBRNC*	250453.0	525256.0	250227.0	524689.0	*	610.	202. AG	2949.	2.7	.0	44.0	
48. 48	SB MUDBRNC*	250227.0	524689.0	250121.0	524392.0	*	315.	200. AG	2949.	2.7	.0	44.0	
49. 49	NB MUDBRNC*	250191.0	524366.0	250292.0	524646.0	*	298.	20. AG	640.	2.7	.0	44.0	
50. 50	NB MUDBRNC*	250292.0	524646.0	250555.0	525342.0	*	744.	21. AG	840.	2.7	.0	44.0	
51. 51	NB MUDBRNC*	250555.0	525342.0	250681.0	525784.0	*	460.	16. AG	429.	2.7	.0	44.0	
52. 52	NB MUDBRNC*	250658.0	525702.0	250644.9	525655.9	*	48.	196. AG	39.	100.0	.0	24.0	.37 2.4
53. 53	NB MUDBRNC*	250542.0	525363.0	250669.0	525791.0	*	446.	17. AG	143.	2.7	.0	32.0	
54. 54	NB MUDBRNC*	250642.0	525703.0	247335.3	514321.3	*	*****	196. AG	77.	100.0	.0	12.0	**** 602.1
55. 55	NB MUDBRNC*	250573.0	525356.0	250664.0	525659.0	*	316.	17. AG	68.	2.7	.0	32.0	
56. 56	NB MUDBRNC*	250664.0	525659.0	250755.0	525697.0	*	99.	67. AG	68.	2.7	.0	32.0	
57. 57	NB MUDBRNC*	250722.0	525683.0	250707.9	525677.2	*	15.	248. AG	19.	100.0	.0	12.0	.13 .8
58. 58	NB MUDBRNC*	250681.0	525784.0	250720.0	525873.0	*	97.	24. AG	619.	2.7	.0	44.0	
59. 59	NB MUDBRNC*	250720.0	525873.0	250892.0	526398.0	*	552.	18. AG	619.	2.7	.0	44.0	
60. 60	NB MUDBRNC*	250892.0	526398.0	251124.0	527157.0	*	794.	17. AG	619.	2.7	.0	44.0	

JOB: S1 EX AM MUDGRTSN
DATE: 12/13/2006 TIME: 12:06:18.05

RUN: S1 EX AM MUD GRT SEN

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	WB GRT S T*	165	152	3.0	261	800	29.10	1	3
9. 9	WB GRT S L*	165	150	3.0	169	750	29.10	1	3
14. 14	WB GRT S R*	165	152	3.0	88	750	29.10	1	3
25. 25	EB GRT ST*	165	152	3.0	245	800	29.10	1	3
27. 27	EB GRT LT*	165	150	3.0	102	750	29.10	1	3
29. 29	EB GRT SRT*	165	152	3.0	395	750	29.10	1	3
38. 38	SB MUDBRNC*	165	41	3.0	2385	800	29.10	1	3
40. 40	SB MUDBRNC*	165	152	3.0	92	750	29.10	1	3
43. 43	SB MUDBRNC*	165	41	3.0	86	750	29.10	1	3

52. 52	NB MUDBRNC*	165	41	3.0	S1EXAM.OUT	800	29.10	1	3
54. 54	NB MUDBRNC*	165	163	3.0	429	750	29.10	1	3
57. 57	NB MUDBRNC*	165	41	3.0	68	750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR		COORDINATES (FT)			
		X	Y	Z	
1. REC 1	400' SE corner	251117.0	525663.0	5.0	*
2. REC 2	164' SE corner	250893.0	525749.0	5.0	*
3. REC 3	82' SE corner	250815.0	525784.0	5.0	*
4. REC 4	SE corner	250752.0	525832.0	5.0	*
5. REC 5	82' ES corner	250762.0	525912.0	5.0	*
6. REC 6	164' ES corner	250787.0	525990.0	5.0	*
7. REC 7	400' ES corner	250858.0	526215.0	5.0	*
8. REC 8	400' ENcorner	250733.0	526292.0	5.0	*
9. REC 9	164' ENcorner	250684.0	526057.0	5.0	*
10. REC 10	82' ENcorner	250660.0	525983.0	5.0	*
11. REC 11	NE corner	250612.0	525919.0	5.0	*
12. REC 12	82' NE corner	250529.0	525944.0	5.0	*
13. REC 13	164' NE corne	250462.0	525988.0	5.0	*
14. REC 14	400' NE corne	250258.0	526110.0	5.0	*
15. REC 15	400' NW corne	250236.0	525986.0	5.0	*
16. REC 16	164' NW corne	250428.0	525848.0	5.0	*
17. REC 17	82' NW corner	250500.0	525802.0	5.0	*
18. REC 18	NW corner	250576.0	525764.0	5.0	*
19. REC 19	82' WN corner	250566.0	525683.0	5.0	*
20. REC 20	164' WN corne	250541.0	525603.0	5.0	*
21. REC 21	1400' WN corner	250465.0	525379.0	5.0	*
22. REC 22	400' WS corne	250573.0	525286.0	5.0	*
23. REC 23	164' WS corne	250639.0	525516.0	5.0	*
24. REC 24	82' WS corner	250660.0	525582.0	5.0	*
25. REC 25	SW corner	250699.0	525657.0	5.0	*
26. REC 26	82' SW corner	250802.0	525639.0	5.0	*
27. REC 27	164' SW corne	250882.0	525604.0	5.0	*
28. REC 28	400' SW corne	251100.0	525532.0	5.0	*

1

JOB: S1 EX AM MUDGRTSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.1	.7	.7	.5	.3	.4
5.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.1	.7	.7	.4	.1	.2
10.	.0	.0	.1	.3	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	1.0	.7	.7	.3	.2	.3
15.	.0	.0	.0	.2	.3	.3	.2	.1	.4	.4	.1	.0	.0	.0	.9	.7	.7	.4	.4	.6
20.	.0	.0	.0	.0	.1	.1	.1	.3	.6	.4	.3	.0	.0	.0	.9	.7	.8	.5	.6	.7
25.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.7	.4	.1	.0	.0	.9	.7	.8	.5	.6	.8
30.	.0	.0	.0	.0	.0	.0	.0	.5	.7	.6	.4	.2	.1	.0	.9	.8	.9	.3	.6	.8
35.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.3	.2	.1	.0	.9	.8	.9	.3	.7	.6
40.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.3	.1	.1	.0	.9	.8	.9	.3	.6	.6
45.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.3	.2	.2	.0	.9	.8	.9	.3	.5	.7
50.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.3	.2	.1	.0	.9	.9	.9	.2	.4	.7
55.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.3	.2	.1	.0	1.0	.9	.9	.2	.5	.7
60.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.3	.2	.1	.0	1.1	.9	.8	.3	.5	.6
65.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.2	.0	1.1	.9	.8	.3	.6	.7
70.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.0	1.1	.8	.8	.2	.8	.6
75.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.0	1.2	.8	.8	.4	.8	.6
80.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.0	1.2	.8	.7	.4	.8	.6
85.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	1.2	.8	.8	.6	.8	.6
90.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	1.2	.8	.6	.7	.9	.7
95.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	1.3	.9	.7	.7	.9	.6
100.	.0	.1	.1	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	1.4	1.1	.8	.8	.8	.6
105.	.1	.2	.2	.1	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	1.6	1.2	.8	.8	.7	.5
110.	.4	.4	.4	.3	.0	.0	.0	.3	.3	.3	.3	.2	.2	.1	1.8	.8	.5	.6	.7	.4
115.	.6	.6	.6	.4	.1	.0	.0	.3	.3	.4	.4	.4	.4	.2	1.7	.6	.4	.5	.5	.5
120.	.7	.9	.9	.5	.3	.1	.0	.3	.4	.5	.5	.5	.4	.3	1.1	.6	.3	.4	.5	.5
125.	.9	.9	.9	.7	.3	.2	.0	.3	.5	.6	.6	.6	.5	.4	.6	.2	.2	.3	.5	.4
130.	.8	.9	.9	.7	.3	.3	.0	.3	.5	.6	.6	.5	.3	.4	.3	.2	.2	.3	.5	.4
135.	.7	.8	.8	.6	.3	.3	.1	.4	.6	.6	.5	.4	.2	.5	.1	.1	.3	.4	.6	.4
140.	.6	.8	.8	.5	.3	.3	.1	.4	.6	.6	.5	.2	.4	.5	.0	.2	.2	.4	.5	.4
145.	.6	.8	.7	.5	.3	.3	.1	.4	.6	.7	.4	.3	.5	.6	.0	.2	.2	.4	.4	.5
150.	.5	.6	.6	.6	.3	.3	.1	.4	.6	.7	.2	.3	.6	.6	.1	.2	.3	.4	.5	.5
155.	.5	.6	.6	.7	.3	.2	.1	.4	.7	.7	.3	.3	.6	.6	.1	.2	.3	.4	.5	.5
160.	.5	.6	.7	.8	.4	.2	.1	.4	.7	.6	.3	.4	.6	.6	.0	.2	.2	.4	.5	.5
165.	.5	.6	.7	.8	.4	.3	.1	.5	.8	.5	.3	.6	.7	.5	.0	.2	.2	.3	.6	.5
170.	.5	.6	.7	.8	.5	.3	.1	.6	.8	.5	.4	.7	.7	.5	.0	.2	.2	.4	.7	.7
175.	.5	.7	.7	.8	.5	.3	.1	.5	.6	.3	.3	.6	.7	.5	.1	.2	.2	.4	.7	.7
180.	.5	.6	.7	.8	.5	.2	.2	.4	.5	.4	.5	.6	.7	.6	.1	.2	.2	.6	.8	.8
185.	.5	.6	.7	.7	.4	.2	.2	.4	.5	.5	.5	.6	.7	.6	.1	.2	.3	.6	.8	.8
190.	.5	.6	.6	.8	.3	.3	.3	.3	.6	.5	.5	.7	.5	.6	.1	.2	.3	.7	.9	.9
195.	.5	.7	.7	.9	.4	.4	.2	.2	.5	.5	.6	.5	.5	.5	.0	.1	.2	.5	.9	.9
200.	.6	.7	.7	.9	.5	.4	.2	.1	.4	.3	.4	.4	.4	.5	.0	.0	.1	.3	.6	.6
205.	.6	.7	.7	1.0	.5	.3	.4	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.1	.3	.4

1

JOB: S1 EX AM MUDGRTSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.6	.7	.8	.9	.3	.4	.3	.1	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.1	.2

S1EXAM.OUT

215.	*	.6	.8	.9	.6	.3	.4	.3	.1	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.0	.1
220.	*	.5	.8	.8	.6	.2	.3	.4	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.1
225.	*	.5	.8	.8	.4	.3	.3	.4	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
230.	*	.5	.9	.8	.3	.3	.4	.4	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
235.	*	.5	.9	.8	.3	.3	.4	.4	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
240.	*	.5	.9	.9	.3	.3	.4	.4	.1	.1	.3	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
245.	*	.5	.9	.8	.3	.3	.4	.5	.1	.1	.3	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
250.	*	.5	.7	.8	.4	.5	.4	.5	.1	.1	.3	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
255.	*	.5	.7	.8	.6	.6	.5	.4	.1	.2	.4	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
260.	*	.6	.8	.8	.6	.7	.6	.4	.1	.3	.4	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0
265.	*	.6	.9	.7	.8	.7	.6	.4	.1	.3	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
270.	*	.6	.9	.7	.7	.7	.6	.4	.1	.3	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
275.	*	.6	.9	.6	.7	.7	.6	.4	.0	.2	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
280.	*	.7	.9	.7	.8	.7	.5	.3	.0	.2	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0
285.	*	.7	.8	.8	.8	.7	.5	.3	.0	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0
290.	*	.7	.7	.8	.8	.5	.5	.3	.0	.2	.2	.4	.6	.6	.4	.2	.0	.0	.2	.0	.0
295.	*	.4	.7	.6	.7	.5	.4	.3	.0	.1	.2	.4	.5	.5	.4	.5	.2	.2	.3	.0	.0
300.	*	.3	.3	.5	.5	.4	.3	.4	.0	.0	.1	.2	.3	.3	.3	1.0	.6	.6	.8	.2	.0
305.	*	.0	.3	.4	.3	.3	.3	.3	.0	.0	.0	.1	.2	.1	.1	1.3	.8	.8	1.1	.2	.1
310.	*	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.6	.9	1.0	1.3	.5	.2
315.	*	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.5	1.1	1.1	1.4	.5	.2
320.	*	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.5	1.1	1.1	1.2	.5	.4
325.	*	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.4	.9	1.0	1.2	.5	.4
330.	*	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.3	.9	1.0	1.1	.5	.4
335.	*	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.2	.9	.7	1.0	.4	.4
340.	*	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.2	.7	.7	1.0	.4	.4
345.	*	.0	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	1.2	.7	.7	.8	.4	.4
350.	*	.0	.1	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.2	.7	.7	.7	.4	.4
355.	*	.0	.1	.2	.3	.3	.5	.4	.0	.0	.0	.0	.0	.0	.0	1.1	.7	.7	.5	.4	.3
360.	*	.0	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.1	.7	.7	.5	.3	.4
MAX	*	.9	.9	.9	1.0	.7	.6	.5	.6	.8	.7	.6	.7	.7	.6	1.8	1.2	1.1	1.4	.9	.9
DEGR.	*	125	230	215	205	260	260	245	170	165	145	125	170	165	145	110	105	315	315	90	190

1

JOB: S1 EX AM MUDGRTSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.4	.4	.3	.2	1.1	.3	.3
5.	*	.2	.4	.5	.2	.2	.8	.3	.3
10.	*	.2	.2	.2	.3	.5	.7	.3	.3
15.	*	.2	.1	.2	.1	.4	.6	.3	.3
20.	*	.7	.0	.1	.2	.3	.6	.3	.3
25.	*	.7	.1	.2	.2	.4	.5	.3	.3
30.	*	.6	.1	.2	.2	.4	.5	.3	.3
35.	*	.6	.1	.2	.3	.4	.5	.3	.3
40.	*	.7	.1	.2	.3	.4	.5	.3	.3
45.	*	.6	.1	.2	.3	.4	.5	.3	.3
50.	*	.6	.1	.2	.3	.4	.5	.3	.3
55.	*	.6	.1	.2	.3	.4	.5	.3	.3
60.	*	.6	.1	.2	.3	.4	.5	.3	.4
65.	*	.5	.1	.3	.3	.4	.5	.3	.5
70.	*	.5	.1	.3	.3	.4	.6	.3	.5
75.	*	.5	.1	.3	.3	.4	.6	.3	.5
80.	*	.5	.1	.3	.4	.4	.6	.3	.5
85.	*	.5	.1	.3	.4	.4	.7	.4	.5
90.	*	.5	.0	.3	.4	.4	.7	.4	.6
95.	*	.4	.0	.3	.4	.4	.7	.4	.6
100.	*	.4	.0	.3	.3	.4	.7	.4	.6
105.	*	.4	.0	.1	.3	.4	.5	.3	.5
110.	*	.4	.0	.1	.1	.3	.4	.2	.3
115.	*	.4	.0	.1	.1	.1	.4	.2	.2
120.	*	.4	.0	.1	.1	.1	.3	.0	.0
125.	*	.4	.0	.1	.1	.1	.3	.0	.0
130.	*	.4	.0	.0	.1	.1	.3	.0	.0
135.	*	.4	.0	.0	.1	.1	.4	.0	.0
140.	*	.4	.0	.0	.1	.1	.5	.0	.0
145.	*	.4	.0	.0	.0	.1	.7	.0	.0
150.	*	.4	.0	.0	.0	.1	.8	.0	.0
155.	*	.5	.0	.0	.0	.0	1.0	.0	.0
160.	*	.5	.0	.0	.0	.0	1.0	.0	.0
165.	*	.5	.0	.0	.0	.0	1.0	.1	.0
170.	*	.6	.0	.0	.0	.0	.9	.1	.0
175.	*	.8	.0	.0	.0	.0	.7	.1	.0
180.	*	.8	.0	.0	.0	.0	.6	.1	.0
185.	*	.9	.0	.0	.0	.0	.4	.1	.0
190.	*	.8	.1	.1	.1	.1	.4	.1	.0
195.	*	.7	.2	.2	.2	.2	.4	.2	.0
200.	*	.4	.4	.5	.4	.3	.4	.2	.0
205.	*	.3	.5	.5	.4	.3	.3	.2	.1

1

JOB: S1 EX AM MUDGRTSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.4	.5	.5	.4	.4	.2	.1
215.	*	.0	.5	.5	.5	.4	.4	.2	.1

S1EXAM.OUT

```

220. * .0 .5 .5 .5 .3 .4 .3 .0
225. * .0 .5 .5 .5 .3 .4 .3 .0
230. * .0 .5 .5 .4 .3 .4 .2 .0
235. * .0 .5 .4 .4 .3 .4 .3 .0
240. * .0 .4 .4 .4 .2 .4 .3 .0
245. * .0 .3 .4 .3 .2 .4 .3 .0
250. * .0 .3 .2 .2 .2 .4 .3 .0
255. * .0 .4 .2 .2 .2 .4 .3 .0
260. * .0 .4 .2 .2 .2 .4 .3 .0
265. * .0 .3 .2 .2 .3 .4 .3 .0
270. * .0 .3 .2 .2 .3 .4 .2 .0
275. * .0 .3 .2 .2 .3 .3 .1 .0
280. * .0 .3 .2 .2 .3 .4 .1 .1
285. * .0 .3 .2 .2 .3 .3 .1 .1
290. * .0 .3 .2 .2 .3 .4 .3 .1
295. * .0 .3 .2 .2 .5 .6 .4 .4
300. * .0 .3 .2 .3 .7 1.0 .6 .6
305. * .0 .3 .3 .4 .9 1.0 .5 .6
310. * .0 .3 .4 .6 .9 .8 .5 .6
315. * .1 .4 .4 .7 .7 .4 .5 .5
320. * .1 .5 .6 .6 .5 .6 .3 .5
325. * .1 .4 .6 .6 .3 .8 .5 .5
330. * .1 .5 .7 .6 .2 1.1 .5 .5
335. * .1 .6 .7 .5 .1 1.2 .4 .5
340. * .1 .6 .7 .3 .2 1.3 .4 .5
345. * .1 .5 .5 .4 .1 1.4 .4 .3
350. * .1 .5 .5 .3 .1 1.3 .4 .3
355. * .1 .4 .3 .5 .2 1.1 .3 .3
360. * .1 .4 .4 .3 .2 1.1 .3 .3
-----
MAX * .9 .6 .7 .7 .9 1.4 .6 .6
DEGR. * 185 335 330 315 305 345 300 90

```

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 110 DEGREES FROM REC15.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 345 DEGREES FROM REC26.
 THE 3RD HIGHEST CONCENTRATION IS 1.40 PPM AT 315 DEGREES FROM REC18.

1

JOB: S1 EX AM MUDGRTSEN
 DATE: 12/13/2006 TIME: 12:06:18.05

RUN: S1 EX AM MUD GRT SEN

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 125	REC2 230	REC3 215	REC4 205	REC5 260	REC6 260	REC7 245	REC8 170	REC9 165	REC10 145	REC11 125	REC12 170	REC13 165	REC14 145	REC15 110	REC16 105	REC17 315	REC18 315	REC19 90	REC20 190
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.6	.5	.4	.2	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.2	.3	.0	.0	.2	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.1	.1	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.2	.2	.3	.8	.3	.6	.7	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.2	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
29 *	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.4	.2	.3	.4	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.3	.0

1

JOB: S1 EX AM MUDGRTSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 125	REC2 230	REC3 215	REC4 205	REC5 260	REC6 260	REC7 245	REC8 170	REC9 165	REC10 145	REC11 125	REC12 170	REC13 165	REC14 145	REC15 110	REC16 105	REC17 315	REC18 315	REC19 90	REC20 190
46 *	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.6
47 *	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1

	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0
55 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 EX AM MUDGRSEN
DATE: 12/13/2006 TIME: 12:06:18.05

RUN: S1 EX AM MUD GRT SEN

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.9	.1	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.1	.2	.2	.3	.0	.2	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0

1

JOB: S1 EX AM MUDGRSEN

RUN: S1 EX AM MUD GRT SEN

PAGE 11

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
46 *	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0
47 *	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
55 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

						S1EXPM.DAT			
EX	PM	MUDGR	SEN	60.0175.0.0000.00	280.30480000	1	1		
REC	1	400'	SE corner	251117	525663.	5.			
REC	2	164'	SE corner	250893	525749.	5.			
REC	3	82'	SE corner	250815	525784.	5.			
REC	4		SE corner	250752	525832.	5.			
REC	5	82'	ES corner	250762	525912.	5.			
REC	6	164'	ES corner	250787	525990.	5.			
REC	7	400'	ES corner	250858	526215.	5.			
REC	8	400'	EN corner	250733	526292.	5.			
REC	9	164'	EN corner	250684	526057.	5.			
REC	10	82'	EN corner	250660	525983.	5.			
REC	11		NE corner	250612	525919.	5.			
REC	12	82'	NE corner	250529	525944.	5.			
REC	13	164'	NE corne	250462	525988.	5.			
REC	14	400'	NE corne	250258	526110.	5.			
REC	15	400'	NW corne	250236	525986.	5.			
REC	16	164'	NW corne	250428	525848.	5.			
REC	17	82'	NW corner	250500	525802.	5.			
REC	18		NW corner	250576	525764.	5.			
REC	19	82'	WN corner	250566	525683.	5.			
REC	20	164'	WN corne	250541	525603.	5.			
REC	21	400'	WN corner	250465	525379.	5.			
REC	22	400'	WS corne	250573	525286.	5.			
REC	23	164'	WS corne	250639	525516.	5.			
REC	24	82'	WS corner	250660	525582.	5.			
REC	25		SW corner	250699	525657.	5.			
REC	26	82'	SW corner	250802	525639.	5.			
REC	27	164'	SW corne	250882	525604.	5.			
REC	28	400'	SW corne	251100	525532.	5.			
EX	AM	MUD	GRT SEN	60	1	1			
1									
1		WB	GRT SENAG	252042525275.	251701525432.	958 2.9 0. 32.	40.		
2		WB	GRT SENAG	251701525432.	251172525610.	958 2.9 0. 44.	40.		
3		WB	GRT S TAG	251172525610.	251075525638.	502 2.9 0. 44.	40.		
4		WB	GRT S TAG	251075525638.	250657525818.	502 2.9 0. 44.	40.		
5		WB	GRT S TAG	250727525788.	250893525716.	0. 24. 2			
130		99		4.0 502	29.1 1770 2 3				
6		WB	GRT S LAG	251168525594.	251110525604.	120 2.9 0. 32.	40.		
7		WB	GRT S LAG	251110525604.	251071525616.	120 2.9 0. 32.	40.		
7		WB	GRT S LAG	251071525616.	250648525800.	120 2.9 0. 32.	40.		
9		WB	GRT S LAG	250720525768.	250885525696.	0. 12 1			
130		91		4.0 120	29.1 1770 2 3				
10		WB	GRT S RAG	251175525622.	251017525678.	336 2.9 0. 32.	40.		
11		WB	GRT S RAG	251017525678.	250843525754.	336 2.9 0. 32.	40.		
12		WB	GRT SRTAG	250843525754.	250746525802.	336 2.9 0. 32.	40.		
12		WB	GRT SRTAG	250746525802.	250720525873.	336 2.9 0. 32.	40.		
14		WB	GRT S RAG	250730525846.	250744525806.	0. 12 1			
130		99		4.0 235	29.1 1583 2 3				
15		WB	GRT SENAG	250657525818.	250527525910.	941 2.9 0. 32.	40.		
16		WB	GRT SENAG	250527525910.	250122526170.	941 2.9 0. 44.	40.		
17		WB	GRT SENAG	250122526170.	249777526397.	941 2.9 0. 44.	40.		
18		WB	GRT SENAG	249777526397.	249618526508.	941 2.9 0. 44.	40.		
19		WB	GRT SENAG	249618526508.	249476526640.	941 2.9 0. 44.	40.		
20		EB	GRT SENAG	249438526586.	249531526493.	775 2.9 0. 44.	40.		
21		EB	GRT SENAG	249531526493.	249637526409.	775 2.9 0. 44.	40.		
22		EB	GRT SENAG	249637526409.	250028526152.	775 2.9 0. 44.	40.		
23		EB	GRT SENAG	250028526152.	250308525969.	775 2.9 0. 44.	40.		
24		EB	GRT ST AG	250308525969.	250635525769.	407 2.9 0. 44.	40.		
25		EB	GRT ST AG	250580525802.	250413525905.	0. 24 2			
130		100		4.0 407	29.1 1770 2 3				
24		EB	GRT SLTAG	250348525958.	250643525778.	168 2.9 0. 32.	40.		
27		EB	GRT LT AG	250586525813.	250431525908.	0. 12 1			
130		93		4.0 168	29.1 1770 2 3				
28		EB	GRT S RAG	250337525941.	250631525756.	200 2.9 0. 32.	40.		
29		EB	GRT SRTAG	250574525792.	250431525882.	0. 12 1			
130		100		4.0 1	29.1 1750 2 3				
30		EB	GRT SENAG	250635525769.	250798525673.	802 2.9 0. 44.	40.		
31		EB	GRT SENAG	250798525673.	250980525599.	802 2.9 0. 44.	40.		
32		EB	GRT SENAG	250980525599.	251734525348.	802 2.9 0. 44.	40.		
33		EB	GRT SENAG	251734525348.	252023525218.	802 2.9 0. 44.	40.		
34		SB	MUDBRNCAG	251051527178.	250980526917.	988 2.7 0. 44.	35.		
35		SB	MUDBRNCAG	250980526917.	250771526263.	988 2.7 0. 44.	35.		

S1EXPM.DAT

1									
36	1	SB	MUDBRNCAG	250771526263.	250755526174.	988	2.7	0.	44. 35.
37	1	SB	MUDBRNCAG	250755526174.	250640525802.	608	2.7	0.	44. 35.
38	2	SB	MUDBRNCAG	250669525896.	250721526062.	0.	12	1	
	130		52	4.0 608	29.1 1706 2 3				
39	1	SB	MUDBRNCAG	250769526187.	250653525796.	189	2.7	0.	32 35.
40	2	SB	MUDBRNCAG	250681525891.	250731526059.	0.	12	1	
	130		44	4.0 189	29.1 1770 2 3				
41	1	SB	MUDBRNCAG	250744526199.	250655525916.	191	2.7	0.	32 35.
42	1	SB	MUDBRNCAG	250655525916.	250594525893.	191	2.7	0.	32 35.
43	2	SB	MUDBRNCAG	250606525898.	250649525914.	0.	12	1	
	130		52	4.0 144	29.1 1706 2 3				
44	1	SB	MUDBRNCAG	250594525893.	250521525913.	191	2.7	0.	32 35.
45	1	SB	MUDBRNCAG	250640525802.	250580525654.	928	2.7	0.	44 35.
46	1	SB	MUDBRNCAG	250580525654.	250453525256.	928	2.7	0.	44 35.
47	1	SB	MUDBRNCAG	250453525256.	250227524689.	928	2.7	0.	44 35.
48	1	SB	MUDBRNCAG	250227524689.	250121524392.	928	2.7	0.	44 35.
49	1	NB	MUDBRNCAG	250191524366.	250292524646.	2575	2.7	0.	44 35.
50	1	NB	MUDBRNCAG	250292524646.	250555525342.	2575	2.7	0.	44 35.
51	1	NB	MUDBRNCAG	250555525342.	250681525784.	2121	2.7	0.	44 35.
52	2	NB	MUDBRNCAG	250658525702.	250607525523.	0.	24	2	
	130		46	4.0 2121	29.1 1770 2 3				
53	1	NB	MUDBRNCAG	250542525363.	250669525791.	248	2.7	0.	32 35
54	2	NB	MUDBRNCAG	250642525703.	250592525531.	0.	12	1	
	130		34	4.0 248	29.1 1770 2 3				
55	1	NB	MUDBRNCAG	250573525356.	250664525659.	206	2.7	0.	32 35.
56	1	NB	MUDBRNCAG	250664525659.	250755525697.	206	2.7	0.	32 35.
57	2	NB	MUDBRNCAG	250722525683.	250673525663.	0.	12	1	
	130		46	4.0 71	29.1 1583 2 3				
58	1	NB	MUDBRNCAG	250681525784.	250720525873.	2625	2.7	0.	44 35.
59	1	NB	MUDBRNCAG	250720525873.	250892526398.	2625	2.7	0.	44 35.
60	1	NB	MUDBRNCAG	250892526398.	251124527157.	2625	2.7	0.	44 35.
1.0	0.4	1000.	0.0Y	5	0 72				

52. 52	NB MUDBRNC*	130	46	4.0	S1EXPM.OUT	770	29.10	1	3
54. 54	NB MUDBRNC*	130	34	4.0	2121	770	29.10	1	3
57. 57	NB MUDBRNC*	130	46	4.0	248	770	29.10	1	3
					71	583			

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE corner	251117.0	525663.0	5.0
2. REC 2 164' SE corner	250893.0	525749.0	5.0
3. REC 3 82' SE corner	250815.0	525784.0	5.0
4. REC 4 SE corner	250752.0	525832.0	5.0
5. REC 5 82' ES corner	250762.0	525912.0	5.0
6. REC 6 164' ES corner	250787.0	525990.0	5.0
7. REC 7 400' ES corner	250858.0	526215.0	5.0
8. REC 8 400' ENcorner	250733.0	526292.0	5.0
9. REC 9 164' ENcorner	250684.0	526057.0	5.0
10. REC 10 82' ENcorner	250660.0	525983.0	5.0
11. REC 11 NE corner	250612.0	525919.0	5.0
12. REC 12 82' NE corner	250529.0	525944.0	5.0
13. REC 13 164' NE corne	250462.0	525988.0	5.0
14. REC 14 400' NE corne	250258.0	526110.0	5.0
15. REC 15 400' NW corne	250236.0	525986.0	5.0
16. REC 16 164' NW corne	250428.0	525848.0	5.0
17. REC 17 82' NW corner	250500.0	525802.0	5.0
18. REC 18 NW corner	250576.0	525764.0	5.0
19. REC 19 82' WN corner	250566.0	525683.0	5.0
20. REC 20 164' WN corne	250541.0	525603.0	5.0
21. REC 21 400' WN corner	250465.0	525379.0	5.0
22. REC 22 400' WS corne	250573.0	525286.0	5.0
23. REC 23 164' WS corne	250639.0	525516.0	5.0
24. REC 24 82' WS corner	250660.0	525582.0	5.0
25. REC 25 SW corner	250699.0	525657.0	5.0
26. REC 26 82' SW corner	250802.0	525639.0	5.0
27. REC 27 164' SW corne	250882.0	525604.0	5.0
28. REC 28 400' SW corne	251100.0	525532.0	5.0

JOB: EX PM MUDGRTSEN

RUN: EX AM MUD GRT SEN

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.3	.1	.1
5.	.0	.0	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.1	.1
10.	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.1	.1	.0
15.	.0	.0	.0	.2	.3	.4	.3	.0	.1	.1	.0	.0	.0	.0	.4	.2	.3	.1	.0	.1
20.	.0	.0	.0	.1	.2	.3	.3	.2	.2	.1	.0	.0	.0	.0	.4	.2	.3	.1	.2	.1
25.	.0	.0	.0	.1	.2	.2	.3	.3	.2	.1	.0	.0	.0	.0	.4	.2	.3	.2	.2	.3
30.	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.4	.2	.3	.1	.2	.3
35.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.2	.0	.0	.0	.4	.2	.4	.1	.2	.4
40.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.0	.0	.0	.4	.2	.4	.1	.2	.2
45.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0	.0	.4	.2	.4	.1	.1	.2
50.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.1	.0	.0	.4	.2	.4	.2	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.1	.0	.0	.4	.3	.4	.1	.2	.4
60.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.1	.0	.0	.4	.3	.4	.1	.3	.4
65.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.1	.1	.0	.5	.4	.3	.1	.3	.4
70.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.0	.5	.4	.3	.2	.3	.4
75.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.0	.5	.4	.3	.3	.3	.4
80.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.5	.4	.2	.2	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.5	.4	.3	.3	.3	.4
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.5	.4	.3	.4	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.6	.5	.2	.4	.4	.4
100.	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.6	.4	.2	.5	.4	.4
105.	.2	.2	.2	.1	.0	.0	.0	.2	.2	.2	.3	.1	.0	.0	.7	.3	.3	.5	.4	.4
110.	.3	.2	.2	.2	.0	.0	.0	.2	.2	.2	.3	.1	.1	.1	.6	.3	.1	.5	.4	.3
115.	.3	.3	.3	.2	.1	.0	.0	.1	.2	.3	.2	.1	.1	.1	.2	.6	.2	.1	.3	.3
120.	.4	.4	.4	.3	.1	.1	.0	.1	.3	.3	.4	.1	.1	.2	.4	.2	.2	.3	.3	.3
125.	.4	.6	.5	.3	.1	.1	.0	.1	.3	.3	.4	.1	.1	.3	.2	.0	.1	.2	.3	.3
130.	.4	.6	.5	.3	.1	.1	.0	.1	.3	.3	.5	.2	.2	.2	.2	.0	.1	.2	.3	.3
135.	.3	.6	.5	.3	.2	.1	.0	.1	.3	.3	.4	.3	.2	.2	.1	.0	.1	.3	.3	.3
140.	.3	.6	.5	.3	.1	.1	.1	.2	.3	.3	.4	.2	.2	.2	.0	.0	.1	.4	.3	.3
145.	.3	.5	.5	.4	.1	.1	.1	.3	.4	.4	.4	.2	.2	.3	.0	.0	.1	.3	.3	.3
150.	.3	.5	.4	.4	.1	.1	.1	.3	.4	.5	.3	.1	.2	.3	.0	.0	.1	.3	.3	.3
155.	.3	.4	.4	.4	.2	.1	.1	.3	.5	.5	.2	.3	.2	.3	.0	.0	.1	.3	.4	.3
160.	.3	.3	.4	.4	.2	.1	.1	.3	.5	.5	.3	.3	.2	.3	.0	.0	.2	.3	.3	.3
165.	.3	.3	.4	.4	.2	.2	.1	.2	.5	.3	.2	.3	.2	.3	.0	.0	.1	.3	.3	.3
170.	.3	.4	.4	.4	.2	.2	.1	.1	.4	.3	.2	.4	.2	.3	.0	.0	.1	.3	.3	.3
175.	.2	.4	.4	.4	.2	.2	.1	.1	.2	.3	.3	.4	.2	.3	.0	.0	.1	.2	.3	.3
180.	.2	.4	.4	.4	.2	.2	.1	.1	.2	.3	.3	.3	.2	.3	.0	.0	.1	.2	.3	.4
185.	.2	.4	.4	.4	.2	.3	.1	.1	.3	.2	.3	.3	.2	.2	.0	.0	.1	.2	.4	.3
190.	.2	.4	.4	.5	.4	.4	.2	.1	.2	.2	.3	.4	.2	.2	.0	.0	.1	.2	.3	.3
195.	.2	.4	.5	.6	.5	.3	.3	.1	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.3	.3
200.	.2	.4	.5	.6	.5	.4	.4	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.1	.2	.2
205.	.2	.5	.5	.5	.4	.5	.3	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.1	.1

JOB: EX PM MUDGRTSEN

RUN: EX AM MUD GRT SEN

PAGE 5

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.5	.5	.5	.4	.4	.4	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1


```

220. * .0 .5 .4 .4 .2 .3 .1 .0
225. * .0 .5 .4 .4 .2 .3 .1 .0
230. * .0 .4 .4 .4 .2 .4 .1 .0
235. * .0 .4 .4 .3 .2 .4 .1 .0
240. * .0 .3 .3 .3 .2 .4 .1 .0
245. * .0 .3 .3 .3 .2 .4 .1 .0
250. * .0 .3 .3 .3 .2 .4 .1 .0
255. * .0 .3 .3 .3 .2 .3 .1 .0
260. * .0 .3 .3 .3 .2 .3 .1 .0
265. * .0 .3 .3 .3 .2 .3 .1 .0
270. * .0 .3 .3 .3 .2 .3 .1 .0
275. * .0 .3 .3 .3 .2 .3 .1 .0
280. * .0 .3 .3 .3 .2 .3 .1 .0
285. * .0 .3 .3 .3 .2 .3 .1 .0
290. * .0 .3 .3 .3 .2 .5 .2 .1
295. * .0 .3 .3 .3 .3 .5 .2 .3
300. * .0 .3 .3 .3 .3 .6 .2 .3
305. * .0 .3 .3 .4 .3 .6 .3 .3
310. * .0 .3 .3 .4 .4 .6 .3 .2
315. * .0 .3 .4 .4 .4 .6 .4 .3
320. * .0 .3 .4 .4 .2 .6 .3 .3
325. * .0 .3 .4 .4 .2 .6 .3 .3
330. * .0 .3 .4 .4 .2 .6 .2 .3
335. * .1 .5 .4 .4 .1 .7 .2 .3
340. * .1 .5 .5 .4 .1 .7 .2 .3
345. * .1 .5 .5 .3 .1 .8 .3 .3
350. * .1 .4 .4 .3 .1 .7 .3 .3
355. * .1 .5 .3 .3 .2 .7 .2 .3
360. * .1 .5 .3 .3 .3 .7 .2 .3
-----
MAX * .4 .5 .5 .5 .4 .8 .4 .3
DEGR. * 60 0 205 205 310 345 95 0

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 345 DEGREES FROM REC26.
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 255 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 105 DEGREES FROM REC15.

1

JOB: EX PM MUDGRTSEN
 DATE: 12/13/2006 TIME: 13:51:55.90

RUN: EX AM MUD GRT SEN

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 125	REC3 255	REC4 195	REC5 195	REC6 205	REC7 0	REC8 25	REC9 155	REC10 150	REC11 130	REC12 170	REC13 250	REC14 125	REC15 105	REC16 95	REC17 35	REC18 100	REC19 90	REC20 35
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.3	.4	.3	.2	.1	.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.1	.0	.2	.1	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.5	.3	.2	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1

1

JOB: EX PM MUDGRTSEN

RUN: EX AM MUD GRT SEN

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 125	REC3 255	REC4 195	REC5 195	REC6 205	REC7 0	REC8 25	REC9 155	REC10 150	REC11 130	REC12 170	REC13 250	REC14 125	REC15 105	REC16 95	REC17 35	REC18 100	REC19 90	REC20 35
46 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
47 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: EX PM MUDGRSEN
DATE: 12/13/2006 TIME: 13:51:55.90

RUN: EX AM MUD GRT SEN

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	WB GRT SEN*	252042.0	525275.0	251701.0	525432.0	*	375.	295. AG	958.	2.9	.0	32.0	
2. 2	WB GRT SEN*	251701.0	525432.0	251172.0	525610.0	*	558.	289. AG	958.	2.9	.0	44.0	
3. 3	WB GRT S T*	251172.0	525610.0	251075.0	525638.0	*	101.	286. AG	502.	2.9	.0	44.0	
4. 4	WB GRT S T*	251075.0	525638.0	250657.0	525818.0	*	455.	293. AG	502.	2.9	.0	44.0	
5. 5	WB GRT S T*	250727.0	525788.0	251874.0	525290.3	*	1250.	113. AG	119.	100.0	.0	24.0	1.70 63.5
6. 6	WB GRT S L*	251168.0	525594.0	251110.0	525604.0	*	59.	280. AG	120.	2.9	.0	32.0	
7. 7	WB GRT S L*	251110.0	525604.0	251071.0	525616.0	*	41.	287. AG	120.	2.9	.0	32.0	
8. 7	WB GRT S L*	251071.0	525616.0	250648.0	525800.0	*	461.	294. AG	120.	2.9	.0	32.0	
9. 9	WB GRT S L*	250720.0	525768.0	250774.7	525744.1	*	60.	114. AG	55.	100.0	.0	12.0	.62 3.0
10. 10	WB GRT S R*	251175.0	525622.0	251017.0	525678.0	*	168.	290. AG	336.	2.9	.0	32.0	
11. 11	WB GRT S R*	251017.0	525678.0	250843.0	525754.0	*	190.	294. AG	336.	2.9	.0	32.0	
12. 12	WB GRT SRT*	250843.0	525754.0	250746.0	525802.0	*	108.	296. AG	336.	2.9	.0	32.0	
13. 12	WB GRT SRT*	250746.0	525802.0	250720.0	525873.0	*	76.	340. AG	336.	2.9	.0	32.0	
14. 14	WB GRT S R*	250730.0	525846.0	251207.8	524480.9	*	1446.	161. AG	59.	100.0	.0	12.0	2.10 73.5
15. 15	WB GRT SEN*	250657.0	525818.0	250527.0	525910.0	*	159.	305. AG	941.	2.9	.0	32.0	
16. 16	WB GRT SEN*	250527.0	525910.0	250122.0	526170.0	*	481.	303. AG	941.	2.9	.0	44.0	
17. 17	WB GRT SEN*	250122.0	526170.0	249777.0	526397.0	*	413.	303. AG	941.	2.9	.0	44.0	
18. 18	WB GRT SEN*	249777.0	526397.0	249618.0	526508.0	*	194.	305. AG	941.	2.9	.0	44.0	
19. 19	WB GRT SEN*	249618.0	526508.0	249476.0	526640.0	*	194.	313. AG	941.	2.9	.0	44.0	
20. 20	EB GRT SEN*	249438.0	526586.0	249531.0	526493.0	*	132.	135. AG	775.	2.9	.0	44.0	
21. 21	EB GRT SEN*	249531.0	526493.0	249637.0	526409.0	*	135.	128. AG	775.	2.9	.0	44.0	
22. 22	EB GRT SEN*	249637.0	526409.0	250028.0	526152.0	*	468.	123. AG	775.	2.9	.0	44.0	
23. 23	EB GRT SEN*	250028.0	526152.0	250308.0	525969.0	*	334.	123. AG	775.	2.9	.0	44.0	
24. 24	EB GRT ST*	250308.0	525969.0	250635.0	525769.0	*	383.	121. AG	407.	2.9	.0	44.0	
25. 25	EB GRT ST*	250580.0	525802.0	249903.7	526219.1	*	795.	302. AG	120.	100.0	.0	24.0	1.43 40.4
26. 24	EB GRT SLT*	250348.0	525958.0	250643.0	525778.0	*	346.	121. AG	168.	2.9	.0	32.0	
27. 27	EB GRT LT*	250586.0	525813.0	250483.1	525876.0	*	121.	302. AG	56.	100.0	.0	12.0	.92 6.1
28. 28	EB GRT S R*	250337.0	525941.0	250631.0	525756.0	*	347.	122. AG	200.	2.9	.0	32.0	
29. 29	EB GRT SRT*	250574.0	525792.0	250573.5	525792.3	*	1.	302. AG	60.	100.0	.0	12.0	.01 .0
30. 30	EB GRT SEN*	250635.0	525769.0	250798.0	525673.0	*	189.	120. AG	802.	2.9	.0	44.0	
31. 31	EB GRT SEN*	250798.0	525673.0	250980.0	525599.0	*	196.	112. AG	802.	2.9	.0	44.0	
32. 32	EB GRT SEN*	250980.0	525599.0	251734.0	525348.0	*	795.	108. AG	802.	2.9	.0	44.0	
33. 33	EB GRT SEN*	251734.0	525348.0	252023.0	525218.0	*	317.	114. AG	802.	2.9	.0	44.0	
34. 34	SB MUDBRNC*	251051.0	527178.0	250980.0	526917.0	*	271.	195. AG	988.	2.7	.0	44.0	
35. 35	SB MUDBRNC*	250980.0	526917.0	250771.0	526263.0	*	687.	198. AG	988.	2.7	.0	44.0	
36. 36	SB MUDBRNC*	250771.0	526263.0	250755.0	526174.0	*	90.	190. AG	988.	2.7	.0	44.0	
37. 37	SB MUDBRNC*	250755.0	526174.0	250640.0	525802.0	*	389.	197. AG	608.	2.7	.0	44.0	
38. 38	SB MUDBRNC*	250669.0	525896.0	251404.2	528242.5	*	2459.	17. AG	31.	100.0	.0	12.0	1.55 124.9
39. 39	SB MUDBRNC*	250769.0	526187.0	250653.0	525796.0	*	408.	197. AG	189.	2.7	.0	32.0	
40. 40	SB MUDBRNC*	250681.0	525891.0	250694.0	525934.6	*	45.	17. AG	26.	100.0	.0	12.0	.40 2.3
41. 41	SB MUDBRNC*	250744.0	526199.0	250655.0	525916.0	*	297.	197. AG	191.	2.7	.0	32.0	
42. 42	SB MUDBRNC*	250655.0	525916.0	250594.0	525893.0	*	65.	249. AG	191.	2.7	.0	32.0	
43. 43	SB MUDBRNC*	250606.0	525898.0	250644.4	525912.3	*	41.	70. AG	31.	100.0	.0	12.0	.37 2.1
44. 44	SB MUDBRNC*	250594.0	525893.0	250521.0	525913.0	*	76.	285. AG	191.	2.7	.0	32.0	

JOB: EX PM MUDGRSEN
DATE: 12/13/2006 TIME: 13:51:55.90

RUN: EX AM MUD GRT SEN

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	SB MUDBRNC*	250640.0	525802.0	250580.0	525654.0	*	160.	202. AG	928.	2.7	.0	44.0	
46. 46	SB MUDBRNC*	250580.0	525654.0	250453.0	525256.0	*	418.	198. AG	928.	2.7	.0	44.0	
47. 47	SB MUDBRNC*	250453.0	525256.0	250227.0	524689.0	*	610.	202. AG	928.	2.7	.0	44.0	
48. 48	SB MUDBRNC*	250227.0	524689.0	250121.0	524392.0	*	315.	200. AG	928.	2.7	.0	44.0	
49. 49	NB MUDBRNC*	250191.0	524366.0	250292.0	524646.0	*	298.	20. AG	2575.	2.7	.0	44.0	
50. 50	NB MUDBRNC*	250292.0	524646.0	250555.0	525342.0	*	744.	21. AG	2575.	2.7	.0	44.0	
51. 51	NB MUDBRNC*	250555.0	525342.0	250681.0	525784.0	*	460.	16. AG	2121.	2.7	.0	44.0	
52. 52	NB MUDBRNC*	250658.0	525702.0	248906.0	519553.3	*	6393.	196. AG	55.	100.0	.0	24.0	2.29 324.8
53. 53	NB MUDBRNC*	250542.0	525363.0	250669.0	525791.0	*	446.	17. AG	248.	2.7	.0	32.0	
54. 54	NB MUDBRNC*	250642.0	525703.0	250629.1	525658.7	*	46.	196. AG	20.	100.0	.0	12.0	.47 2.3
55. 55	NB MUDBRNC*	250573.0	525356.0	250664.0	525659.0	*	316.	17. AG	206.	2.7	.0	32.0	
56. 56	NB MUDBRNC*	250664.0	525659.0	250755.0	525697.0	*	99.	67. AG	206.	2.7	.0	32.0	
57. 57	NB MUDBRNC*	250722.0	525683.0	250705.5	525676.3	*	18.	248. AG	28.	100.0	.0	12.0	.20 .9
58. 58	NB MUDBRNC*	250681.0	525784.0	250720.0	525873.0	*	97.	24. AG	2625.	2.7	.0	44.0	
59. 59	NB MUDBRNC*	250720.0	525873.0	250892.0	526398.0	*	552.	18. AG	2625.	2.7	.0	44.0	
60. 60	NB MUDBRNC*	250892.0	526398.0	251124.0	527157.0	*	794.	17. AG	2625.	2.7	.0	44.0	

JOB: EX PM MUDGRSEN
DATE: 12/13/2006 TIME: 13:51:55.90

RUN: EX AM MUD GRT SEN

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	WB GRT S T*	130	99	4.0	502	770	29.10	1	3
9. 9	WB GRT S L*	130	91	4.0	120	770	29.10	1	3
14. 14	WB GRT S R*	130	99	4.0	235	583	29.10	1	3
25. 25	EB GRT ST*	130	100	4.0	407	770	29.10	1	3
27. 27	EB GRT LT*	130	93	4.0	168	770	29.10	1	3
29. 29	EB GRT SRT*	130	100	4.0	1	750	29.10	1	3
38. 38	SB MUDBRNC*	130	52	4.0	608	706	29.10	1	3
40. 40	SB MUDBRNC*	130	44	4.0	189	770	29.10	1	3
43. 43	SB MUDBRNC*	130	52	4.0	144	706	29.10	1	3

	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1
52 *	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.2	.3	.0	.1	.1	.0
60 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0

1

JOB: EX PM MUDGRTSEN
DATE: 12/13/2006 TIME: 13:51:55.90

RUN: EX AM MUD GRT SEN

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: EX PM MUDGRTSEN

RUN: EX AM MUD GRT SEN

PAGE 11

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
46 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
47 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
51 *	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0
52 *	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

REC	25	400	SW	CORNE	251087	525523	5
S1	NB15	AM	MUDDY	BRANCH	& GRT	SENECA	43 1 1
1	1						
1	1						
2	1						
3	2						
4	1						
5	2						
6	1						
7	1						
8	1						
9	1						
10	1						
12	2						
12	1						
14	1						
14	1						
15	1						
16	1						
17	1						
18	1						
19	1						
20	2						
21	1						
22	1						
23	2						
24	1						
24	1						
26	2						
27	1						
28	1						
29	1						
30	1						
31	1						
32	1						
33	2						
33	1						

S1NB15AM.DAT

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:27:48.76

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	650.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	650.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	475.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250775.7	525760.1	*	92.	112. AG	217.	100.0	.0	36.0	.66 4.7
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	175.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250979.3	525651.8	*	316.	114. AG	164.	100.0	.0	24.0	1.32 16.0
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	750.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	750.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	750.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3050.	3.3	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	2900.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	249642.4	526401.9	*	1121.	303. AG	112.	100.0	.0	36.0	1.08 57.0
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	150.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250544.2	525840.7	*	55.	302. AG	46.	100.0	.0	12.0	.19 2.8
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	2900.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3350.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3350.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1325.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1325.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	650.	3.1	.0	56.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250632.9	525611.7	*	107.	198. AG	188.	100.0	.0	36.0	.48 5.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	475.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	475.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249869.4	524973.6	*	1080.	230. AG	63.	100.0	.0	12.0	1.18 54.9
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	475.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	200.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250628.3	525658.8	*	66.	197. AG	156.	100.0	.0	24.0	.69 3.4
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	875.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	875.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	875.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	875.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	875.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	575.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250702.1	526033.9	*	167.	17. AG	135.	100.0	.0	24.0	.81 8.5
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	150.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250685.2	525907.6	*	40.	16. AG	135.	100.0	.0	24.0	.22 2.0
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	150.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	150.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250673.5	525978.4	*	80.	38. AG	68.	100.0	.0	12.0	.47 4.1
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	150.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	925.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	925.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	925.	3.1	.0	44.0	

 JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:27:48.76

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	130	105	4.0	475	1655	33.40	3	3
6. 6	NB GRT SEN*	130	119	4.0	175	1717	33.40	3	3
12. 12	SB GRT SEN*	130	54	4.0	2900	1667	33.40	3	3
14. 14	SB GRT SEN*	130	67	4.0	150	1770	33.40	3	3
21. 21	EB MUD BRN*	130	91	4.0	650	1770	33.40	3	3
24. 24	EB MUD BRN*	130	91	4.0	475	1583	33.40	3	3
27. 27	EB MUD BRN*	130	113	4.0	200	1717	33.40	3	3
34. 33	WB MUD BRN*	130	98	4.0	575	1770	33.40	3	3
36. 36	WB MUD BRN*	130	98	4.0	150	1717	33.40	3	3
39. 39	WB MUD BRN*	130	98	4.0	150	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1NB15AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
5.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2
10.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2
15.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.3
20.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.3
25.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.3	.3
30.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.6	.6	.6	.4	.3	.4
35.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0	.0	.6	.6	.7	.5	.6	.3
40.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.0	.0	.0	.6	.6	.7	.5	.6	.3
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.6	.6	.7	.5	.7	.5
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0	.0	.0	.6	.6	.7	.4	.7	.6
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0	.0	.6	.7	.7	.5	.7	.6
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.0	.0	.6	.7	.8	.5	.6	.7
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.0	.0	.6	.7	.8	.6	.6	.8
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.1	.0	.0	.6	.7	.7	.6	.6	.8
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.0	.0	.6	.7	.6	.8	.6	.8
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.0	.0	.6	.7	.7	.9	.6	.7
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.1	.0	.8	.6	.8	.9	.5	.9
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.1	.0	.8	.8	.9	.8	.4	.8
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.1	.0	.8	.9	.9	.8	.3	.8
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.5	.1	.1	.0	.8	1.0	.9	1.0	.3	.8
105.	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.3	.5	.1	.1	.0	.9	1.1	1.0	.3	.7	.7
110.	*	.2	.0	.0	.0	.0	.0	.0	.1	.0	.3	.5	.1	.1	.0	.9	1.0	.9	.2	.5	.5
115.	*	.2	.1	.2	.1	.0	.0	.0	.1	.0	.3	.5	.2	.2	.1	.8	.8	.9	.8	.2	.4
120.	*	.3	.3	.2	.2	.0	.0	.0	.1	.0	.3	.7	.4	.3	.1	.7	.8	.8	.7	.2	.4
125.	*	.3	.4	.4	.2	.1	.0	.0	.1	.0	.3	.8	.3	.3	.2	.5	.5	.5	.7	.2	.4
130.	*	.3	.4	.5	.3	.1	.0	.0	.1	.1	.5	.8	.4	.5	.3	.3	.3	.4	.6	.2	.3
135.	*	.4	.5	.5	.3	.2	.1	.0	.1	.2	.6	.9	.4	.4	.3	.3	.2	.3	.5	.2	.3
140.	*	.3	.5	.6	.3	.2	.1	.0	.1	.2	.7	.9	.4	.4	.3	.0	.2	.3	.5	.2	.3
145.	*	.3	.5	.5	.5	.2	.1	.0	.1	.3	.8	.6	.4	.4	.4	.0	.0	.1	.5	.2	.2
150.	*	.3	.6	.5	.5	.2	.2	.0	.1	.5	.8	.5	.4	.4	.5	.0	.0	.1	.4	.3	.2
155.	*	.3	.6	.6	.5	.2	.2	.0	.1	.4	.9	.5	.5	.3	.5	.0	.0	.0	.4	.3	.2
160.	*	.3	.6	.5	.5	.2	.2	.0	.0	.5	.9	.6	.4	.3	.5	.0	.0	.0	.3	.3	.2
165.	*	.3	.6	.5	.5	.3	.1	.0	.0	.7	.9	.2	.3	.3	.4	.0	.0	.0	.2	.3	.2
170.	*	.3	.5	.4	.6	.3	.1	.0	.1	.7	.9	.2	.2	.4	.4	.0	.0	.0	.2	.3	.2
175.	*	.3	.4	.4	.6	.3	.2	.1	.0	.7	.8	.3	.3	.4	.4	.0	.0	.0	.1	.3	.3
180.	*	.3	.4	.4	.6	.3	.3	.1	.0	.4	.6	.3	.3	.3	.4	.0	.0	.0	.1	.4	.3
185.	*	.3	.4	.4	.7	.4	.3	.1	.1	.2	.4	.3	.3	.3	.5	.0	.0	.0	.2	.4	.3
190.	*	.3	.5	.4	.7	.4	.3	.1	.1	.2	.3	.3	.3	.3	.4	.0	.0	.0	.2	.3	.2
195.	*	.3	.5	.4	.8	.6	.4	.1	.1	.1	.3	.2	.3	.3	.4	.0	.0	.0	.2	.3	.2
200.	*	.3	.5	.4	.8	.6	.5	.1	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.1	.3	.2
205.	*	.3	.4	.4	.9	.5	.5	.2	.0	.2	.3	.2	.3	.3	.4	.0	.0	.0	.1	.2	.2

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.4	.4	1.0	.6	.2	.2	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.1	.1	.1
215.	*	.3	.4	.7	1.0	.5	.1	.2	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.1	.1	.1
220.	*	.3	.4	.7	.9	.2	.2	.2	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.1	.1
225.	*	.3	.4	.7	.9	.2	.3	.2	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.1	.1
230.	*	.3	.5	.8	.8	.2	.3	.1	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.1	.0
235.	*	.3	.5	.9	.5	.3	.4	.1	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.1	.0
240.	*	.3	.7	1.0	.5	.5	.4	.1	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
245.	*	.3	.7	.9	.3	.5	.5	.2	.0	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.3	.6	1.0	.3	.5	.5	.2	.1	.1	.2	.2	.4	.5	.5	.0	.0	.0	.0	.0	.0
255.	*	.4	.7	.9	.4	.5	.5	.2	.1	.2	.2	.2	.4	.5	.5	.0	.0	.0	.0	.0	.0
260.	*	.4	.7	.9	.3	.5	.5	.2	.1	.2	.2	.2	.4	.5	.5	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	.9	.3	.5	.4	.2	.0	.2	.2	.2	.5	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.4	.8	.9	.3	.6	.4	.1	.0	.2	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0
275.	*	.4	.8	.7	.3	.6	.4	.1	.0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
280.	*	.3	.8	.6	.3	.5	.4	.1	.0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
285.	*	.4	.6	.4	.7	.5	.4	.1	.0	.2	.2	.3	.4	.5	.5	.1	.0	.1	.0	.0	.0
290.	*	.3	.6	.5	.6	.5	.3	.1	.0	.0	.2	.3	.4	.5	.3	.2	.3	.3	.2	.0	.0
295.	*	.2	.5	.4	.5	.5	.2	.1	.0	.0	.1	.2	.3	.3	.3	.4	.4	.4	.4	.0	.0
300.	*	.2	.2	.3	.5	.3	.2	.1	.0	.0	.0	.2	.3	.3	.3	.5	.5	.6	.5	.0	.1
305.	*	.0	.2	.2	.4	.3	.1	.1	.0	.0	.0	.0	.3	.3	.1	.7	.7	.8	.7	.0	.2
310.	*	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.8	.2	.2
315.	*	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.9	1.0	.9	.2	.4
320.	*	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.8	1.0	.9	.2	.4
325.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.8	.2	.4
330.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.3	.3
335.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.7	.8	.7	.2	.3
340.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.7	.8	.6	.2	.3
345.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.6	.7	.6	.2	.2
350.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
355.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2

360.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	S1NB15AM.OUT	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
MAX	*	.4	.8	1.0	1.0	.6	.5	.2	.1	.7	.9	.9	.5	.5	.5	.9	1.1	1.0	1.0	.7	.9	
DEGR.	*	135	270	240	210	195	200	205	25	165	155	135	155	130	150	105	105	105	100	45	85	

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.2	.1	.6	1.0	.6	.6	.5	.3
5.	*	.2	.1	.7	.9	.6	.6	.5	.3
10.	*	.2	.1	.8	.9	.6	.5	.5	.3
15.	*	.2	.1	.8	.6	.6	.5	.5	.3
20.	*	.2	.1	.5	.5	.6	.5	.6	.3
25.	*	.3	.1	.4	.5	.7	.5	.5	.3
30.	*	.3	.1	.3	.3	.6	.5	.5	.3
35.	*	.3	.1	.2	.3	.6	.5	.5	.3
40.	*	.2	.0	.2	.3	.6	.5	.5	.3
45.	*	.3	.0	.2	.2	.5	.4	.5	.3
50.	*	.3	.1	.2	.2	.5	.4	.5	.3
55.	*	.2	.1	.2	.2	.5	.5	.5	.3
60.	*	.2	.1	.2	.2	.5	.5	.4	.4
65.	*	.3	.1	.2	.2	.5	.6	.5	.4
70.	*	.3	.0	.1	.3	.5	.5	.5	.4
75.	*	.3	.0	.1	.3	.5	.5	.5	.4
80.	*	.2	.0	.1	.2	.6	.6	.4	.4
85.	*	.2	.0	.1	.1	.5	.5	.4	.4
90.	*	.2	.0	.1	.1	.5	.6	.5	.6
95.	*	.2	.0	.1	.1	.4	.6	.5	.5
100.	*	.2	.0	.0	.1	.4	.4	.5	.5
105.	*	.2	.0	.0	.1	.3	.4	.5	.5
110.	*	.2	.0	.0	.0	.2	.4	.3	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.1	.2	.1
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.0	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.2	.0	.0	.0	.0
200.	*	.1	.1	.1	.2	.0	.0	.0	.0
205.	*	.1	.2	.2	.2	.1	.0	.0	.0

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.2	.2	.2	.1	.0	.0	.0
215.	*	.0	.2	.3	.2	.2	.0	.0	.0
220.	*	.0	.1	.3	.2	.1	.0	.0	.0
225.	*	.0	.1	.3	.4	.3	.0	.0	.0
230.	*	.0	.1	.3	.3	.3	.0	.0	.0
235.	*	.1	.1	.3	.3	.5	.1	.0	.0
240.	*	.1	.1	.3	.3	.6	.1	.0	.0
245.	*	.1	.1	.3	.3	.6	.1	.1	.0
250.	*	.1	.1	.3	.3	.7	.1	.1	.0
255.	*	.1	.1	.3	.3	.6	.2	.1	.0
260.	*	.1	.1	.3	.3	.6	.2	.1	.0
265.	*	.1	.1	.3	.3	.7	.2	.1	.0
270.	*	.1	.1	.3	.3	.8	.2	.1	.1
275.	*	.1	.1	.3	.3	.8	.4	.1	.1
280.	*	.1	.1	.3	.3	.8	.4	.1	.2
285.	*	.1	.1	.3	.3	.9	.3	.2	.2
290.	*	.1	.1	.3	.3	1.0	.6	.3	.5
295.	*	.1	.1	.3	.3	1.0	.5	.5	.7
300.	*	.1	.1	.2	.4	1.1	.7	.6	.7
305.	*	.1	.1	.2	.5	1.2	.6	.8	.8
310.	*	.1	.1	.3	.7	1.3	.7	.7	.6
315.	*	.1	.1	.4	.8	1.2	.7	.7	.6
320.	*	.1	.1	.5	.9	.9	.7	.6	.5
325.	*	.1	.1	.6	.9	.7	.5	.6	.5
330.	*	.2	.2	.5	.9	.8	.7	.7	.5
335.	*	.2	.2	.5	1.0	.5	.8	.7	.4
340.	*	.2	.2	.6	1.0	.3	.8	.7	.4
345.	*	.2	.2	.6	.9	.6	.8	.5	.3
350.	*	.2	.1	.6	1.1	.5	.6	.5	.3
355.	*	.2	.1	.6	.9	.5	.6	.5	.3
360.	*	.2	.1	.6	1.0	.6	.6	.5	.3

S1NB15AM.OUT

```

-----*-----
MAX * .3 .2 .8 1.1 1.3 .8 .8
DEGR. * 25 205 10 350 310 335 305 305

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 310 DEGREES FROM REC25.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC16.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 350 DEGREES FROM REC24.

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:27:48.76

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 135	REC2 270	REC3 240	REC4 210	REC5 195	REC6 200	REC7 205	REC8 25	REC9 165	REC10 155	REC11 135	REC12 155	REC13 130	REC14 150	REC15 105	REC16 105	REC17 105	REC18 100	REC19 45	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.4	.2	.1	.0	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.3	.2	.1	.1	.0	.0	.1	.1	.2	.0	.1	.0	.0	.1	.2	.2	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0
11	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.4	.3	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.4	.3	.2	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.3	.1	.1
16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.1	.0	.1
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.3
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 NB15 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:27:48.76

RUN: S1 NB15 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 205	REC23 10	REC24 350	REC25 310	REC26 335	REC27 305	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.2	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.1	.2
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.1	.0
11	.0	.0	.0	.1	.2	.0	.1	.0
12	.0	.0	.0	.0	.2	.0	.1	.1
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.1	.1	.3	.3	.1
16	.0	.0	.0	.0	.0	.0	.0	.4
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.1	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.0	.2	.5	.3	.0	.1	.0
22	.0	.0	.1	.1	.0	.0	.0	.0
23	.0	.0	.0	.0	.1	.0	.0	.0
24	.1	.0	.1	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.1	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0	S1NB15AM.OUT
30	*	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.1	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	

[illegible]

S1NB15PM.DAT

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:32:08.67

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2675.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2675.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2375.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252168.9	525185.8	*	1599.	112. AG	149.	100.0	.0	36.0	1.16 81.2
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	300.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250789.9	525734.5	*	109.	114. AG	151.	100.0	.0	24.0	.73 5.5
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	2550.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	2550.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	2550.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1125.	3.3	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	875.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250479.3	525856.9	*	123.	303. AG	138.	100.0	.0	36.0	.39 6.2
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	325.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	249664.3	526379.5	*	1087.	301. AG	73.	100.0	.0	12.0	1.32 55.2
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	875.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	850.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	850.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1375.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1375.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	775.	3.1	.0	56.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250620.9	525574.4	*	147.	198. AG	186.	100.0	.0	36.0	.55 7.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	250.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	250.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250589.8	525574.0	*	142.	230. AG	62.	100.0	.0	12.0	.59 7.2
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	250.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	350.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250477.7	525174.8	*	573.	197. AG	158.	100.0	.0	24.0	1.28 29.1
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1300.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	525688.0	*	529.	17. AG	1300.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	525688.0	251034.0	526857.0	*	284.	19. AG	1300.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1625.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1625.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	925.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250904.0	526705.0	*	868.	17. AG	130.	100.0	.0	24.0	1.12 44.1
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	125.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250689.7	525922.9	*	56.	16. AG	164.	100.0	.0	24.0	.77 2.9
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	575.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	575.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	252171.9	527897.9	*	2515.	38. AG	65.	100.0	.0	12.0	1.56 127.8
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	575.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1625.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1625.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1625.	3.1	.0	44.0	

 JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:32:08.67

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	83	4.0	2375	1674	33.40	3	3
6. 6	NB GRT SEN*	150	126	4.0	300	1717	33.40	3	3
12. 12	SB GRT SEN*	150	77	4.0	875	1667	33.40	3	3
14. 14	SB GRT SEN*	150	123	4.0	325	1770	33.40	3	3
21. 21	EB MUD BRN*	150	104	4.0	775	1770	33.40	3	3
24. 24	EB MUD BRN*	150	104	4.0	250	1583	33.40	3	3
27. 27	EB MUD BRN*	150	132	4.0	350	1717	33.40	3	3
34. 33	WB MUD BRN*	150	109	4.0	925	1770	33.40	3	3
36. 36	WB MUD BRN*	150	137	4.0	125	1717	33.40	3	3
39. 39	WB MUD BRN*	150	109	4.0	575	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1NB15PM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.5	.2	.2
5.	*	.0	.0	.1	.4	.6	.5	.5	.0	.1	.1	.0	.0	.0	.0	.3	.3	.7	.6	.3	.4
10.	*	.0	.0	.1	.3	.4	.4	.4	.1	.1	.2	.1	.0	.0	.0	.3	.3	.7	.6	.4	.4
15.	*	.0	.0	.0	.3	.4	.4	.5	.2	.3	.3	.2	.0	.0	.0	.3	.3	.9	.6	.4	.4
20.	*	.0	.0	.0	.2	.4	.4	.4	.3	.4	.5	.2	.1	.0	.0	.3	.3	.9	.7	.4	.6
25.	*	.0	.0	.0	.1	.2	.2	.5	.4	.5	.7	.4	.1	.0	.0	.3	.4	.8	.8	.4	.6
30.	*	.0	.0	.0	.1	.1	.1	.6	.4	.6	.7	.5	.1	.1	.0	.3	.4	.9	.8	.6	.5
35.	*	.0	.0	.0	.0	.1	.1	.6	.5	.9	.8	.6	.1	.1	.0	.3	.4	1.0	.8	.7	.5
40.	*	.0	.0	.0	.0	.0	.1	.6	.5	.7	.9	.6	.2	.1	.0	.3	.5	1.0	.8	.7	.5
45.	*	.0	.0	.0	.0	.0	.0	.6	.6	.7	.9	.7	.2	.2	.0	.3	.5	1.0	.6	.9	.5
50.	*	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.8	.2	.2	.0	.4	.6	.9	.5	.9	.7
55.	*	.0	.0	.0	.0	.0	.0	.5	.7	.7	.7	.8	.2	.2	.0	.4	.6	.9	.5	.9	.7
60.	*	.0	.0	.0	.0	.0	.0	.5	.7	.7	.7	.7	.2	.2	.1	.4	.7	.9	.6	1.0	.8
65.	*	.0	.0	.0	.0	.0	.0	.4	.6	.7	.7	.6	.2	.2	.1	.4	.6	.9	.7	1.1	.9
70.	*	.0	.0	.0	.0	.0	.0	.4	.6	.6	.7	.7	.2	.2	.1	.4	.6	.7	.6	1.0	.9
75.	*	.0	.0	.0	.0	.0	.0	.4	.6	.6	.8	.7	.2	.2	.1	.4	.6	.7	.6	1.0	1.0
80.	*	.1	.0	.0	.0	.0	.0	.3	.6	.6	.7	.7	.2	.1	.1	.4	.7	.9	.7	.9	.9
85.	*	.1	.0	.0	.0	.0	.0	.3	.6	.6	.7	.8	.2	.1	.1	.4	.6	.9	.7	.8	1.0
90.	*	.1	.0	.0	.0	.0	.0	.3	.5	.6	.7	.7	.2	.1	.1	.3	.8	1.0	.8	.8	1.0
95.	*	.3	.1	.1	.0	.0	.0	.3	.5	.6	.7	.8	.2	.1	.1	.3	.8	.9	.7	.8	.9
100.	*	.4	.3	.1	.1	.0	.0	.3	.5	.6	.7	.8	.2	.1	.2	.4	.9	1.0	.7	.7	.9
105.	*	.6	.5	.3	.1	.0	.0	.3	.5	.6	.7	1.0	.3	.2	.2	.5	1.0	.9	.9	.7	.9
110.	*	.8	.8	.5	.3	.1	.0	.3	.5	.7	.8	1.0	.3	.2	.2	.5	.7	.8	.7	.6	.9
115.	*	.9	.9	.7	.5	.1	.1	.2	.5	.8	.8	1.2	.6	.5	.3	.5	.6	.8	.5	.5	.9
120.	*	1.0	1.1	.8	.4	.2	.1	.2	.5	.8	.8	1.2	.6	.5	.4	.5	.6	.6	.6	.4	.8
125.	*	1.1	1.0	.8	.5	.2	.1	.2	.5	.8	.9	1.2	.5	.5	.4	.1	.5	.5	.5	.4	.8
130.	*	1.0	.9	.8	.6	.3	.1	.3	.6	.8	1.0	1.1	.6	.5	.5	.1	.3	.3	.5	.4	.7
135.	*	.9	.9	.8	.6	.3	.1	.3	.6	.8	1.0	1.0	.6	.5	.6	.1	.2	.3	.5	.4	.7
140.	*	.9	.8	.8	.5	.3	.1	.3	.6	.8	1.1	1.0	.5	.5	.5	.1	.2	.3	.5	.4	.7
145.	*	.8	.8	.8	.5	.3	.1	.4	.6	.9	1.1	.9	.5	.8	.6	.1	.2	.3	.7	.5	.8
150.	*	.8	.8	.7	.6	.3	.2	.4	.6	.9	1.1	.7	.5	.8	.6	.1	.2	.3	.6	.6	.6
155.	*	.8	.8	.7	.6	.3	.2	.4	.5	.9	1.1	.7	.6	.8	.6	.1	.1	.4	.6	.6	.6
160.	*	.7	.8	.6	.6	.3	.2	.4	.5	.9	1.1	.7	.8	.7	.5	.0	.1	.4	.7	.6	.6
165.	*	.7	.7	.6	.6	.3	.2	.4	.6	.9	1.0	.4	.9	.6	.4	.0	.1	.3	.7	.6	.5
170.	*	.7	.6	.6	.7	.4	.2	.4	.7	.9	1.2	.5	.8	.6	.5	.0	.1	.2	.6	.7	.6
175.	*	.7	.6	.6	.7	.4	.2	.4	.7	.9	.9	.5	.7	.6	.5	.0	.1	.1	.6	.7	.6
180.	*	.7	.6	.6	.7	.4	.2	.5	.4	.9	.9	.6	.7	.6	.5	.0	.1	.1	.6	.7	.6
185.	*	.7	.6	.6	.7	.3	.3	.5	.5	.8	.8	.7	.7	.3	.5	.0	.0	.1	.4	.6	.6
190.	*	.7	.6	.6	.9	.6	.5	.6	.4	.8	.7	.7	.6	.3	.5	.0	.0	.1	.3	.5	.5
195.	*	.7	.6	.7	.9	.6	.6	.7	.4	.4	.5	.6	.4	.3	.5	.0	.0	.0	.2	.3	.4
200.	*	.7	.6	.8	1.0	.7	.6	.8	.1	.3	.4	.5	.4	.3	.5	.0	.0	.0	.2	.3	.4
205.	*	.7	.6	.8	1.1	.7	.6	1.0	.1	.2	.3	.5	.4	.3	.5	.0	.0	.0	.2	.2	.2

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.7	.6	.8	1.1	.9	.4	1.1	.0	.2	.2	.5	.5	.4	.5	.0	.0	.0	.0	.2	.1
215.	*	.7	.7	1.0	1.2	.7	.4	.9	.0	.1	.2	.5	.5	.4	.5	.0	.0	.0	.0	.0	.1
220.	*	.7	.7	1.1	1.0	.6	.4	.9	.0	.0	.2	.5	.3	.3	.5	.0	.0	.0	.0	.0	.0
225.	*	.7	.7	1.1	.9	.4	.5	.9	.0	.1	.2	.5	.3	.3	.5	.0	.0	.0	.0	.0	.0
230.	*	.7	.8	1.1	.9	.4	.5	.8	.0	.1	.2	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
235.	*	.7	.8	1.0	.8	.5	.6	.7	.0	.1	.1	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
240.	*	.9	.9	1.1	.4	.5	.6	.6	.0	.1	.1	.5	.3	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.9	1.0	1.1	.4	.5	.3	.5	.0	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.9	1.1	1.0	.6	.6	.4	.4	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	*	.9	1.1	1.0	.4	.6	.5	.4	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	*	1.0	1.1	.9	.4	.7	.5	.4	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
265.	*	1.0	1.1	.9	.4	.7	.5	.4	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.9	1.0	.7	.4	.5	.4	.2	.0	.1	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
275.	*	.9	1.0	.8	.4	.6	.5	.3	.0	.1	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
280.	*	.9	.8	.8	.5	.6	.5	.3	.0	.1	.2	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
285.	*	.8	.8	.8	.6	.6	.5	.3	.0	.0	.1	.3	.6	.6	.7	.0	.0	.0	.0	.0	.0
290.	*	.6	.8	.6	.6	.5	.4	.4	.0	.0	.1	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0
295.	*	.5	.6	.6	.6	.5	.4	.4	.0	.0	.0	.3	.4	.4	.5	.2	.0	.1	.1	.0	.0
300.	*	.4	.3	.6	.4	.4	.4	.4	.0	.0	.0	.1	.4	.5	.4	.2	.2	.2	.3	.0	.0
305.	*	.3	.3	.3	.4	.4	.4	.3	.0	.0	.0	.1	.2	.2	.3	.3	.3	.4	.4	.0	.0
310.	*	.1	.1	.3	.3	.4	.4	.4	.0	.0	.0	.0	.2	.2	.3	.4	.4	.5	.5	.0	.1
315.	*	.1	.1	.3	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1	.2	.4	.4	.4	.6	.0	.1
320.	*	.1	.1	.3	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1	.1	.4	.4	.5	.6	.0	.2
325.	*	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.5	.3	.5	.6	.1	.2
330.	*	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.3	.6	.7	.2	.3
335.	*	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.7	.2	.3
340.	*	.0	.1	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.7	.1	.3
345.	*	.0	.1	.1	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.7	.2	.3
350.	*	.0	.1	.1	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.7	.2	.3
355.	*	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.1	.3

S1NB15PM.OUT																					
360.	*	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.3	.3	.7	.5	.2	.2	
MAX	*	1.1	1.1	1.1	1.2	.9	.6	1.1	.7	.9	1.2	1.2	.9	.8	.7	.5	1.0	1.0	.9	1.1	1.0
DEGR.	*	125	120	220	215	210	195	210	50	35	170	115	165	145	285	105	105	35	105	65	70

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.5	.9	.8	.6	.6	.4	.4
5.	.1	.6	.8	.7	.6	.6	.3	.4
10.	.2	.5	.7	1.0	.6	.5	.4	.4
15.	.5	.5	.7	.8	.8	.4	.4	.4
20.	.6	.3	.7	.6	.8	.4	.4	.4
25.	.7	.2	.4	.5	.6	.4	.4	.4
30.	.6	.1	.4	.3	.5	.4	.4	.4
35.	.6	.1	.2	.3	.5	.4	.4	.4
40.	.7	.1	.2	.3	.5	.4	.4	.4
45.	.8	.1	.2	.2	.5	.4	.4	.4
50.	.7	.1	.2	.2	.5	.4	.4	.4
55.	.7	.1	.2	.2	.4	.4	.4	.5
60.	.7	.1	.2	.2	.4	.4	.4	.5
65.	.7	.1	.1	.2	.4	.4	.4	.5
70.	.6	.1	.1	.2	.4	.4	.4	.4
75.	.6	.1	.1	.2	.4	.4	.5	.4
80.	.6	.1	.1	.1	.4	.4	.5	.4
85.	.6	.1	.1	.1	.4	.5	.4	.4
90.	.6	.1	.1	.1	.3	.5	.5	.5
95.	.6	.0	.1	.1	.3	.4	.5	.5
100.	.5	.0	.1	.1	.3	.4	.4	.4
105.	.5	.0	.1	.1	.2	.4	.4	.4
110.	.5	.0	.0	.1	.1	.2	.2	.3
115.	.5	.0	.0	.0	.1	.2	.2	.2
120.	.5	.0	.0	.0	.0	.1	.0	.1
125.	.5	.0	.0	.0	.0	.0	.0	.0
130.	.5	.0	.0	.0	.0	.0	.0	.0
135.	.5	.0	.0	.0	.0	.0	.0	.0
140.	.5	.0	.0	.0	.0	.0	.0	.0
145.	.5	.0	.0	.0	.0	.0	.0	.0
150.	.5	.0	.0	.0	.0	.0	.0	.0
155.	.5	.0	.0	.0	.0	.0	.0	.0
160.	.5	.0	.0	.0	.0	.0	.0	.0
165.	.5	.0	.0	.0	.0	.0	.0	.0
170.	.5	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.5	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.2	.1	.0	.0	.0	.0
195.	.3	.0	.2	.2	.1	.0	.0	.0
200.	.3	.2	.3	.3	.1	.0	.0	.0
205.	.2	.2	.4	.3	.3	.0	.0	.0

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.4	.5	.5	.4	.1	.0	.0
215.	.1	.4	.6	.6	.4	.1	.0	.0
220.	.1	.5	.6	.6	.6	.1	.1	.0
225.	.0	.4	.6	.6	.6	.1	.1	.0
230.	.0	.4	.6	.6	.7	.1	.1	.0
235.	.0	.4	.6	.6	.9	.1	.1	.0
240.	.0	.5	.5	.5	.9	.1	.1	.0
245.	.0	.5	.5	.5	.9	.2	.1	.0
250.	.0	.5	.5	.6	.9	.2	.1	.1
255.	.0	.5	.5	.7	.9	.2	.1	.1
260.	.0	.5	.5	.7	1.0	.4	.2	.1
265.	.0	.5	.5	.9	1.0	.4	.2	.1
270.	.0	.5	.4	.9	1.0	.4	.2	.1
275.	.0	.5	.4	1.0	1.0	.4	.2	.1
280.	.0	.5	.4	1.0	1.0	.3	.2	.1
285.	.0	.5	.5	1.0	1.0	.3	.2	.2
290.	.0	.5	.5	1.1	1.0	.3	.2	.1
295.	.0	.5	.5	1.1	.9	.2	.3	.2
300.	.0	.5	.4	1.1	1.0	.5	.3	.3
305.	.0	.5	.4	1.1	1.1	.6	.3	.4
310.	.0	.5	.5	1.1	1.1	.5	.6	.4
315.	.0	.5	.5	1.2	1.0	.5	.4	.4
320.	.0	.5	.5	1.3	1.1	.6	.4	.4
325.	.0	.5	.6	1.4	1.0	.5	.5	.4
330.	.0	.5	.7	1.4	.7	.5	.6	.5
335.	.0	.5	.7	1.3	.5	.6	.6	.5
340.	.0	.5	.9	1.2	.5	.7	.6	.6
345.	.0	.5	.9	1.2	.6	.6	.5	.5
350.	.0	.4	.9	1.2	.6	.6	.5	.4
355.	.0	.4	1.0	1.0	.6	.6	.5	.4
360.	.1	.5	.9	.8	.6	.6	.4	.4

S1NB15PM.OUT

```

-----*-----
MAX *      .8      .6      1.0      1.4      1.1      .7      .6
DEGR. * 45      5      355      325      310      340      310      340

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 325 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 170 DEGREES FROM REC10.

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:32:08.67

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 125	REC2 120	REC3 220	REC4 215	REC5 210	REC6 195	REC7 210	REC8 50	REC9 35	REC10 170	REC11 115	REC12 165	REC13 145	REC14 285	REC15 105	REC16 105	REC17 35	REC18 105	REC19 65	REC20 70
1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.3	.2	.2	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1	.1
4	.6	.6	.4	.2	.1	.1	.0	.0	.0	.1	.2	.0	.0	.0	.1	.2	.0	.3	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.1	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.4	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.2	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.3	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.2	.2	.2	.1	.1	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.3	.2
28	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.6	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 NB15 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:32:08.67

RUN: S1 NB15 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 45	REC22 5	REC23 355	REC24 325	REC25 310	REC26 340	REC27 310	REC28 340
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.1	.1	.1
4	.1	.0	.0	.0	.0	.2	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.1	.0	.1	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.1	.0	.1	.0
15	.0	.0	.0	.0	.0	.1	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.1	.0	.0	.0
21	.1	.1	.3	.5	.3	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.3	.3	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.1	.0	.0	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.1	.1	.0	.0
42	*	.2	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1NB15PM.OUT

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	700.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	700.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	550.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250797.2	525751.2	*	115.	112. AG	215.	100.0	.0	36.0	.70 5.8
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	150.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250907.8	525683.0	*	238.	114. AG	165.	100.0	.0	24.0	1.23 12.1
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	550.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	850.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	850.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3300.	3.3	.0	56.0	
11. 12	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	2125.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250413.3	525899.9	*	201.	303. AG	100.	100.0	.0	36.0	.73 10.2
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	175.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250534.7	525846.5	*	66.	301. AG	44.	100.0	.0	12.0	.21 3.4
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	2125.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3525.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3525.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1200.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1200.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	600.	3.1	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250608.6	525536.5	*	186.	198. AG	134.	100.0	.0	24.0	.82 9.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	400.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	400.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249888.1	524989.2	*	1056.	230. AG	67.	100.0	.0	12.0	1.22 53.6
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	400.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	200.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250623.4	525643.0	*	83.	197. AG	159.	100.0	.0	24.0	.82 4.2
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	925.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	925.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	925.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	850.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	850.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	500.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250702.0	526033.4	*	166.	17. AG	141.	100.0	.0	24.0	.83 8.5
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	175.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250743.4	526107.5	*	248.	16. AG	164.	100.0	.0	24.0	1.19 12.6
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	175.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	175.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250688.8	525998.0	*	105.	38. AG	70.	100.0	.0	12.0	.65 5.3
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	175.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	825.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	825.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	825.	3.1	.0	44.0	

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	140	112	4.0	550	1660	33.40	3	3
6. 6	NB GRT SEN*	140	129	4.0	150	1717	33.40	3	3
12. 12	SB GRT SEN*	140	52	4.0	2125	1667	33.40	3	3
14. 14	SB GRT SEN*	140	69	4.0	175	1770	33.40	3	3
21. 21	EB MUD BRN*	140	105	4.0	600	1770	33.40	3	3
24. 24	EB MUD BRN*	140	105	4.0	400	1583	33.40	3	3
27. 27	EB MUD BRN*	140	124	4.0	200	1717	33.40	3	3
34. 33	WB MUD BRN*	140	110	4.0	500	1770	33.40	3	3
36. 36	WB MUD BRN*	140	128	4.0	175	1717	33.40	3	3
39. 39	WB MUD BRN*	140	110	4.0	175	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B115AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
5.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.3	.2	.2
10.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.2	.5
15.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.4
20.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.4
25.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.3	.5	.5	.5	.3	.4
30.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.3	.5	.6	.5	.3	.4
35.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0	.0	.3	.5	.7	.5	.4	.3
40.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.0	.0	.0	.3	.5	.7	.5	.6	.4
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.0	.0	.0	.3	.6	.7	.5	.6	.5
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.1	.0	.0	.3	.6	.7	.4	.6	.5
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.1	.0	.0	.3	.7	.8	.4	.7	.5
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.2	.0	.0	.3	.7	.8	.5	.8	.7
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.2	.0	.0	.3	.7	.8	.6	.7	.7
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.7	.2	.1	.0	.3	.7	.7	.7	.7	.7
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.1	.0	.4	.7	.5	.6	.6	.7
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.3	.2	.0	.4	.7	.6	.7	.5	.8
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.3	.2	.0	.5	.7	.8	.8	.5	.8
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.3	.2	.0	.6	.7	.8	.8	.5	.8
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.3	.2	.0	.5	.8	.8	.8	.5	.7
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.4	.8	.7	.8	.5	.7
105.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.5	.8	.8	.8	.5	.7
110.	*	.2	.1	.1	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.5	.9	.7	.8	.4	.6
115.	*	.3	.1	.1	.1	.0	.0	.0	.1	.3	.7	.6	.4	.2	.1	.5	.8	.7	.7	.3	.6
120.	*	.3	.3	.2	.1	.0	.0	.0	.1	.3	.7	.9	.5	.5	.1	.4	.6	.8	.5	.3	.5
125.	*	.3	.3	.4	.2	.1	.0	.0	.1	.3	.8	.9	.3	.3	.1	.3	.5	.4	.6	.3	.4
130.	*	.3	.3	.4	.2	.1	.0	.0	.1	.4	.8	.9	.4	.4	.2	.2	.4	.4	.5	.3	.4
135.	*	.4	.3	.5	.3	.1	.1	.0	.1	.5	.9	.7	.4	.3	.3	.2	.2	.3	.5	.3	.4
140.	*	.3	.3	.5	.4	.1	.1	.0	.1	.5	1.0	.9	.3	.3	.3	.0	.1	.2	.5	.2	.4
145.	*	.3	.3	.5	.4	.2	.1	.0	.1	.5	1.0	.7	.3	.3	.3	.0	.1	.2	.5	.2	.4
150.	*	.3	.4	.5	.6	.2	.1	.0	.1	.7	.9	.5	.2	.3	.3	.0	.0	.1	.5	.3	.3
155.	*	.3	.4	.5	.6	.2	.1	.0	.0	.7	.9	.5	.3	.3	.3	.0	.0	.1	.4	.3	.3
160.	*	.3	.4	.6	.6	.2	.2	.1	.0	.8	.9	.5	.3	.3	.2	.0	.0	.1	.4	.3	.3
165.	*	.3	.5	.6	.6	.2	.1	.1	.0	.8	.9	.2	.4	.3	.2	.0	.0	.0	.3	.3	.3
170.	*	.3	.5	.5	.7	.3	.1	.0	.1	.9	.9	.3	.4	.3	.3	.0	.0	.0	.4	.3	.3
175.	*	.3	.5	.5	.7	.4	.2	.0	.1	.8	.7	.2	.3	.3	.3	.0	.0	.0	.3	.3	.3
180.	*	.3	.4	.4	.7	.4	.2	.0	.1	.7	.5	.3	.3	.3	.3	.0	.0	.0	.3	.4	.3
185.	*	.3	.5	.4	.7	.4	.2	.1	.2	.4	.5	.2	.3	.3	.3	.0	.0	.0	.2	.4	.3
190.	*	.3	.5	.5	.7	.4	.3	.1	.2	.4	.2	.1	.3	.3	.3	.0	.0	.0	.2	.3	.2
195.	*	.3	.6	.6	.8	.6	.3	.2	.2	.3	.2	.2	.3	.3	.3	.0	.0	.0	.2	.3	.2
200.	*	.3	.6	.7	.8	.6	.4	.2	.1	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.3	.2
205.	*	.3	.5	.7	1.0	.6	.4	.3	.0	.0	.3	.2	.3	.3	.3	.0	.0	.0	.1	.1	.2

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.5	.7	1.0	.7	.3	.4	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.1	.1
215.	*	.3	.5	.9	1.0	.4	.2	.4	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.1	.1	.1
220.	*	.3	.5	1.0	.9	.2	.3	.4	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.1
225.	*	.3	.5	1.0	.9	.1	.4	.3	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.1
230.	*	.3	.6	1.3	.7	.2	.4	.2	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.0
235.	*	.3	.7	1.3	.5	.3	.4	.2	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.0
240.	*	.3	.7	1.3	.3	.5	.7	.1	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
245.	*	.3	.7	1.2	.3	.5	.7	.1	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
250.	*	.3	.7	1.3	.3	.6	.6	.1	.1	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.8	1.1	.4	.6	.6	.1	.1	.1	.0	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
260.	*	.3	.7	1.0	.3	.6	.6	.2	.1	.1	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	1.0	.3	.6	.6	.2	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
270.	*	.4	.7	1.0	.3	.5	.6	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
275.	*	.4	.8	.8	.3	.6	.6	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.4	.7	.6	.3	.6	.5	.1	.0	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.3	.6	.5	.6	.7	.5	.1	.0	.1	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0
290.	*	.2	.6	.3	.4	.7	.5	.1	.0	.0	.1	.2	.3	.3	.3	.1	.1	.2	.1	.0	.0
295.	*	.2	.4	.2	.4	.7	.4	.1	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.3	.0	.0
300.	*	.0	.3	.3	.4	.6	.4	.1	.0	.0	.0	.1	.2	.2	.2	.3	.3	.4	.3	.0	.0
305.	*	.0	.3	.2	.4	.5	.3	.1	.0	.0	.0	.0	.2	.2	.1	.4	.3	.5	.5	.0	.1
310.	*	.0	.2	.2	.4	.5	.3	.1	.0	.0	.0	.0	.1	.1	.1	.5	.4	.7	.5	.1	.1
315.	*	.0	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.7	.1	.1
320.	*	.0	.2	.2	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.7	.7	.1	.2
325.	*	.0	.2	.2	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.7	.6	.1	.3
330.	*	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.6	.1	.2
335.	*	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.1	.2
340.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.2
345.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.4	.2	.2
350.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.2
355.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.2

360.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	S1B115AM.OUT										.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
MAX	*	.4	.8	1.3	1.0	.7	.7	.4	.2	.9	1.0	.9	.5	.5	.3	.6	1.0	.8	.8	.8	.8	.8	.8	.8	.8						
DEGR.	*	135	255	230	205	210	240	210	185	170	140	140	120	120	135	90	105	55	95	60	80										

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.1	.8	.8	.8	.7	.4	.3
5.	*	.1	.2	.8	.9	.7	.5	.5	.3
10.	*	.2	.2	.9	.7	.6	.5	.5	.3
15.	*	.2	.2	.9	.6	.6	.5	.5	.4
20.	*	.2	.1	.4	.5	.5	.4	.4	.4
25.	*	.3	.0	.4	.4	.5	.4	.4	.3
30.	*	.3	.0	.3	.4	.5	.4	.4	.3
35.	*	.3	.0	.3	.3	.5	.4	.4	.3
40.	*	.3	.0	.2	.3	.4	.4	.3	.3
45.	*	.3	.0	.2	.3	.5	.4	.3	.3
50.	*	.2	.1	.1	.2	.5	.4	.3	.3
55.	*	.2	.1	.1	.2	.5	.4	.3	.4
60.	*	.2	.1	.1	.2	.5	.4	.4	.4
65.	*	.3	.1	.1	.2	.5	.4	.4	.4
70.	*	.3	.1	.1	.3	.5	.4	.4	.4
75.	*	.3	.0	.1	.1	.4	.4	.4	.4
80.	*	.3	.0	.1	.1	.4	.4	.4	.4
85.	*	.2	.0	.1	.1	.4	.3	.5	.5
90.	*	.2	.0	.1	.1	.3	.4	.5	.6
95.	*	.2	.0	.1	.1	.3	.4	.5	.6
100.	*	.2	.0	.0	.1	.3	.4	.5	.5
105.	*	.2	.0	.0	.1	.3	.4	.5	.5
110.	*	.2	.0	.0	.0	.2	.4	.4	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.2	.2	.2
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.1	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.1	.0	.0	.0	.0
200.	*	.1	.1	.1	.2	.0	.0	.0	.0
205.	*	.1	.2	.1	.2	.1	.0	.0	.0

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.2	.2	.3	.2	.0	.0	.0
215.	*	.0	.2	.2	.3	.2	.0	.0	.0
220.	*	.0	.1	.2	.3	.2	.0	.0	.0
225.	*	.0	.1	.1	.5	.4	.0	.0	.0
230.	*	.0	.1	.2	.4	.4	.1	.0	.0
235.	*	.1	.1	.3	.5	.5	.1	.0	.0
240.	*	.1	.1	.3	.6	.5	.2	.0	.0
245.	*	.1	.1	.2	.7	.5	.2	.1	.0
250.	*	.1	.1	.2	.6	.5	.2	.1	.0
255.	*	.1	.1	.2	.5	.7	.2	.1	.0
260.	*	.1	.1	.2	.5	.6	.2	.2	.0
265.	*	.1	.1	.2	.5	.6	.2	.2	.1
270.	*	.1	.1	.2	.4	.6	.3	.2	.1
275.	*	.1	.1	.2	.4	.7	.3	.1	.1
280.	*	.1	.1	.2	.5	.7	.3	.1	.2
285.	*	.1	.1	.2	.5	.6	.2	.2	.2
290.	*	.1	.1	.2	.5	.6	.3	.3	.3
295.	*	.1	.1	.2	.5	.6	.4	.3	.6
300.	*	.1	.1	.2	.5	.9	.6	.4	.6
305.	*	.1	.1	.2	.6	.9	.7	.6	.7
310.	*	.1	.1	.3	.6	.9	.5	.5	.7
315.	*	.1	.1	.3	.7	.8	.5	.4	.6
320.	*	.1	.1	.4	.9	.7	.4	.5	.5
325.	*	.1	.1	.5	.8	.6	.4	.7	.4
330.	*	.2	.1	.6	.8	.5	.7	.7	.4
335.	*	.2	.1	.8	1.0	.3	.8	.7	.4
340.	*	.1	.1	.8	1.0	.3	.8	.7	.4
345.	*	.1	.1	.8	.9	.6	.8	.7	.4
350.	*	.1	.1	.7	.8	.6	.7	.5	.3
355.	*	.1	.1	.7	.9	.6	.7	.4	.3
360.	*	.1	.1	.8	.8	.8	.7	.4	.3

```

-----*-----
MAX * .3 .2 .9 1.0 .9 .8 .7
DEGR. * 25 5 10 335 300 335 325 305

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 230 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 205 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 335 DEGREES FROM REC24.

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 135	REC2 255	REC3 230	REC4 205	REC5 210	REC6 240	REC7 210	REC8 185	REC9 170	REC10 140	REC11 140	REC12 120	REC13 120	REC14 135	REC15 90	REC16 105	REC17 55	REC18 95	REC19 60	REC20 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.5	.4	.1	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.0	.1	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.3	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.2	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0
12	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.2	.1	.1
16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.2	.1	.1	.3	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.2	.2	.1	.3	.3	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 5	REC23 10	REC24 335	REC25 300	REC26 335	REC27 325	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.2	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.2	.1
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.2	.2	.0
16	.0	.0	.0	.0	.0	.0	.0	.5
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.2	.3	.2	.0	.0	.0
22	.0	.0	.1	.1	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.2	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.1	.0	.1	.1	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B115AM.OUT

S1B115AM.DAT

S1	B115	AM	MUDDY BRANCH & GRT	SENECA	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	251111.	525660.	5.		
REC 2	164'	SE CORNER	250889.	525749.	5.		
REC 3	82'	SE CORNER	250816.	525785.	5.		
REC 4		SE CORNER	250754.	525837.	5.		
REC 5	82'	ES CORNER	250764.	525917.	5.		
REC 6	164'	ES CORNER	250788.	525993.	5.		
REC 7	400'	ES CORNER	250858.	526219.	5.		
REC 8	400'	EN CORNER	250737.	526302.	5.		
REC 9	164'	EN CORNER	250672.	526077.	5.		
REC 10	82'	EN CORNER	250652.	525997.	5.		
REC 11		NE CORNER	250615.	525931.	5.		
REC 12	82'	NE CORNER	250530.	525947.	5.		
REC 13	164'	NE CORNE	250462.	525991.	5.		
REC 14	400'	NE CORNE	250262.	526118.	5.		
REC 15	400'	NW CORNE	250241.	525972.	5.		
REC 16	164'	NW CORNE	250439.	525843.	5.		
REC 17	82'	NW CORNER	250507.	525801.	5.		
REC 18		NW CORNER	250578.	525751.	5.		
REC 19	164'	WN CORNE	250538.	525591.	5.		
REC 20	82'	WN CORNER	250562.	525666.	5.		
REC 21	400'	WN CORNE	250465.	525365.	5.		
REC 22	400'	WS CORNE	250569.	525278.	5.		
REC 23	164'	WS CORNE	250636.	525507.	5.		
REC 24	82'	WS CORNER	250660.	525580.	5.		
REC 25		SW CORNER	250707.	525652.	5.		
REC 26	82'	SW CORNER	250791.	525635.	5.		
REC 27	164'	SW CORNE	250861.	525602.	5.		
REC 28	400'	SW CORNE	251087.	525525.	5.		

S1	B115	AM	MUDDY BRANCH & GRT	SENECA	43	1	1

1		NB	GRT	SENAG251728.525425.251209.525599.	700	3.3	0. 68. 30.
2		NB	GRT	SENAG251209.525599.251056.525645.	700	3.3	0. 68. 30.
3		NB	GRT	SENAG251056.525645.250655.525809.	550	3.3	0. 56. 30.
4		NB	GRT	SENAG250691.525795.250936.525694.	0.	36.	3
	140			112 4.0 550 33.4 1660 3 3			
5		NB	GRT	SENAG250998.525644.250646.525797.	150	3.3	0. 44. 30.
6		NB	GRT	SENAG250690.525778.250942.525668.	0.	24.	2
	140			129 4.0 150 33.4 1717 3 3			
7		NB	GRT	SENAG250660.525808.250540.525898.	550	3.3	0. 68. 30.
8		NB	GRT	SENAG250540.525898.250105.526187.	850	3.3	0. 56. 30.
9		NB	GRT	SENAG250105.526187.249727.526430.	850	3.3	0. 56. 30.
10		SB	GRT	SENAG249695.526367.250335.525951.	3300	3.3	0. 56. 30.
12		SB	GRT	SENAG250335.525951.250627.525761.	2125	3.3	0. 56. 30.
12		SB	GRT	SENAG250582.525790.250430.525889.	0.	36.	3
	140			52 4.0 2125 33.4 1667 3 3			
14		SB	GRT	SENAG250435.525908.250640.525782.	175	3.3	0. 32. 30.
14		SB	GRT	SENAG250591.525812.250444.525902.	0.	12.	1
	140			69 4.0 175 33.4 1770 3 3			
15		SB	GRT	SENAG250625.525762.250865.525642.	2125	3.3	0. 56. 30.
16		SB	GRT	SENAG250865.525642.251343.525474.	3525	3.3	0. 68. 30.
17		SB	GRT	SENAG251343.525474.251707.525357.	3525	3.3	0. 68. 30.
18		EB	MUD	BRNAG250316.524710.250487.525156.	1200	3.1	0. 56. 30.
19		EB	MUD	BRNAG250487.525156.250604.525521.	1200	3.1	0. 56. 30.
20		EB	MUD	BRNAG250604.525521.250682.525760.	600	3.1	0. 44. 30.
21		EB	MUD	BRNAG250666.525714.250613.525550.	0.	24.	2
	140			105 4.0 600 33.4 1770 3 3			
22		EB	MUD	BRNAG250607.525468.250660.525632.	400	3.1	0. 32. 30.
23		EB	MUD	BRNAG250660.525632.250703.525668.	400	3.1	0. 32. 30.
24		EB	MUD	BRNAG250699.525665.250663.525635.	0.	12.	1
	140			105 4.0 400 33.4 1583 3 3			
24		EB	MUD	BRNAG250703.525668.250817.525668.	400	3.1	0. 32. 30.
26		EB	MUD	BRNAG250572.525479.250662.525766.	200	3.1	0. 44. 30.
27		EB	MUD	BRNAG250648.525722.250587.525526.	0.	24.	2
	140			124 4.0 200 33.4 1717 3 3			
28		EB	MUD	BRNAG250683.525760.250790.526082.	925	3.1	0. 44. 30.
29		EB	MUD	BRNAG250790.526082.250943.526588.	925	3.1	0. 44. 30.
30		EB	MUD	BRNAG250943.526588.251034.526857.	925	3.1	0. 44. 30.
31		WB	MUD	BRNAG250963.526877.250887.526612.	850	3.1	0. 44. 30.
32		WB	MUD	BRNAG250887.526612.250763.526237.	850	3.1	0. 56. 30.
33		WB	MUD	BRNAG250763.526237.250636.525813.	500	3.1	0. 44. 30.
33		WB	MUD	BRNAG250654.525874.250725.526110.	0.	24.	2
	140			110 4.0 500 33.4 1770 3 3			

36	1	WB	MUD	BRNAG250760.526164.250655.525806.	175	3.1	0.	44.	30.
36	2	WB	MUD	BRNAG250674.525869.250743.526106.	0.	24.	2		
		140		128 4.0 175 33.4 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	175	3.1	0.	32.	30.
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	175	3.1	0.	32.	30.
38	2								
39		WB	MUD	BRNAG250624.525915.250656.525956.	0.	12.	1		
		140		110 4.0 175 33.4 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	175	3.1	0.	32.	30.
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	825	3.1	0.	44.	30.
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	825	3.1	0.	44.	30.
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	825	3.1	0.	44.	30.
1.0		0.4	1000.	0.0Y 5 0 72					

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	700.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	700.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	550.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250797.2	525751.2	*	115.	112. AG	215.	100.0	.0	36.0	.70 5.8
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	150.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250907.8	525683.0	*	238.	114. AG	165.	100.0	.0	24.0	1.23 12.1
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	550.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	850.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	850.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3300.	3.3	.0	56.0	
11. 12	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	2125.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250413.3	525899.9	*	201.	303. AG	100.	100.0	.0	36.0	.73 10.2
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	175.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250534.7	525846.5	*	66.	301. AG	44.	100.0	.0	12.0	.21 3.4
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	2125.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3525.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3525.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1200.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1200.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	600.	3.1	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250608.6	525536.5	*	186.	198. AG	134.	100.0	.0	24.0	.82 9.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	400.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	400.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249888.1	524989.2	*	1056.	230. AG	67.	100.0	.0	12.0	1.22 53.6
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	400.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	200.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250623.4	525643.0	*	83.	197. AG	159.	100.0	.0	24.0	.82 4.2
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	925.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	925.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	925.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	850.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	850.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	500.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250702.0	526033.4	*	166.	17. AG	141.	100.0	.0	24.0	.83 8.5
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	175.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250743.4	526107.5	*	248.	16. AG	164.	100.0	.0	24.0	1.19 12.6
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	175.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	175.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250688.8	525998.0	*	105.	38. AG	70.	100.0	.0	12.0	.65 5.3
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	175.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	825.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	825.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	825.	3.1	.0	44.0	

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	140	112	4.0	550	1660	33.40	3	3
6. 6	NB GRT SEN*	140	129	4.0	150	1717	33.40	3	3
12. 12	SB GRT SEN*	140	52	4.0	2125	1667	33.40	3	3
14. 14	SB GRT SEN*	140	69	4.0	175	1770	33.40	3	3
21. 21	EB MUD BRN*	140	105	4.0	600	1770	33.40	3	3
24. 24	EB MUD BRN*	140	105	4.0	400	1583	33.40	3	3
27. 27	EB MUD BRN*	140	124	4.0	200	1717	33.40	3	3
34. 33	WB MUD BRN*	140	110	4.0	500	1770	33.40	3	3
36. 36	WB MUD BRN*	140	128	4.0	175	1717	33.40	3	3
39. 39	WB MUD BRN*	140	110	4.0	175	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B115AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
5.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.3	.2	.2
10.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.2	.5
15.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.4
20.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.4
25.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.3	.5	.5	.5	.3	.4
30.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.3	.5	.6	.5	.3	.4
35.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0	.0	.3	.5	.7	.5	.4	.3
40.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.0	.0	.0	.3	.5	.7	.5	.6	.4
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.0	.0	.0	.3	.6	.7	.5	.6	.5
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.1	.0	.0	.3	.6	.7	.4	.6	.5
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.1	.0	.0	.3	.7	.8	.4	.7	.5
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.2	.0	.0	.3	.7	.8	.5	.8	.7
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.2	.0	.0	.3	.7	.8	.6	.7	.7
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.7	.2	.1	.0	.3	.7	.7	.7	.7	.7
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.1	.0	.4	.7	.5	.6	.6	.7
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.3	.2	.0	.4	.7	.6	.7	.5	.8
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.3	.2	.0	.5	.7	.8	.8	.5	.8
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.3	.2	.0	.6	.7	.8	.8	.5	.8
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.3	.2	.0	.5	.8	.8	.8	.5	.7
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.4	.8	.7	.8	.5	.7
105.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.5	.8	.8	.8	.5	.7
110.	*	.2	.1	.1	.0	.0	.0	.0	.1	.3	.7	.6	.2	.2	.1	.5	.9	.7	.8	.4	.6
115.	*	.3	.1	.1	.1	.0	.0	.0	.1	.3	.7	.6	.4	.2	.1	.5	.8	.7	.7	.3	.6
120.	*	.3	.3	.2	.1	.0	.0	.0	.1	.3	.7	.9	.5	.5	.1	.4	.6	.8	.5	.3	.5
125.	*	.3	.3	.4	.2	.1	.0	.0	.1	.3	.8	.9	.3	.3	.1	.3	.5	.4	.6	.3	.4
130.	*	.3	.3	.4	.2	.1	.0	.0	.1	.4	.8	.9	.4	.4	.2	.2	.4	.4	.5	.3	.4
135.	*	.4	.3	.5	.3	.1	.1	.0	.1	.5	.9	.7	.4	.3	.3	.2	.2	.3	.5	.3	.4
140.	*	.3	.3	.5	.4	.1	.1	.0	.1	.5	1.0	.9	.3	.3	.3	.0	.1	.2	.5	.2	.4
145.	*	.3	.3	.5	.4	.2	.1	.0	.1	.5	1.0	.7	.3	.3	.3	.0	.1	.2	.5	.2	.4
150.	*	.3	.4	.5	.6	.2	.1	.0	.1	.7	.9	.5	.2	.3	.3	.0	.0	.1	.5	.3	.3
155.	*	.3	.4	.5	.6	.2	.1	.0	.0	.7	.9	.5	.3	.3	.3	.0	.0	.1	.4	.3	.3
160.	*	.3	.4	.6	.6	.2	.2	.1	.0	.8	.9	.5	.3	.3	.2	.0	.0	.1	.4	.3	.3
165.	*	.3	.5	.6	.6	.2	.1	.1	.0	.8	.9	.2	.4	.3	.2	.0	.0	.0	.3	.3	.3
170.	*	.3	.5	.5	.7	.3	.1	.0	.1	.9	.9	.3	.4	.3	.3	.0	.0	.0	.4	.3	.3
175.	*	.3	.5	.5	.7	.4	.2	.0	.1	.8	.7	.2	.3	.3	.3	.0	.0	.0	.3	.3	.3
180.	*	.3	.4	.4	.7	.4	.2	.0	.1	.7	.5	.3	.3	.3	.3	.0	.0	.0	.3	.4	.3
185.	*	.3	.5	.4	.7	.4	.2	.1	.2	.4	.5	.2	.3	.3	.3	.0	.0	.0	.2	.4	.3
190.	*	.3	.5	.5	.7	.4	.3	.1	.2	.4	.2	.1	.3	.3	.3	.0	.0	.0	.2	.3	.2
195.	*	.3	.6	.6	.8	.6	.3	.2	.2	.3	.2	.2	.3	.3	.3	.0	.0	.0	.2	.3	.2
200.	*	.3	.6	.7	.8	.6	.4	.2	.1	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.3	.2
205.	*	.3	.5	.7	1.0	.6	.4	.3	.0	.0	.3	.2	.3	.3	.3	.0	.0	.0	.1	.1	.2

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.5	.7	1.0	.7	.3	.4	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.1	.1
215.	*	.3	.5	.9	1.0	.4	.2	.4	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.1	.1	.1
220.	*	.3	.5	1.0	.9	.2	.3	.4	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.1
225.	*	.3	.5	1.0	.9	.1	.4	.3	.0	.1	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.1
230.	*	.3	.6	1.3	.7	.2	.4	.2	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.0
235.	*	.3	.7	1.3	.5	.3	.4	.2	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.1	.0
240.	*	.3	.7	1.3	.3	.5	.7	.1	.0	.0	.2	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
245.	*	.3	.7	1.2	.3	.5	.7	.1	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
250.	*	.3	.7	1.3	.3	.6	.6	.1	.1	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.8	1.1	.4	.6	.6	.1	.1	.1	.0	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
260.	*	.3	.7	1.0	.3	.6	.6	.2	.1	.1	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	1.0	.3	.6	.6	.2	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
270.	*	.4	.7	1.0	.3	.5	.6	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
275.	*	.4	.8	.8	.3	.6	.6	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.4	.7	.6	.3	.6	.5	.1	.0	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.3	.6	.5	.6	.7	.5	.1	.0	.1	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0
290.	*	.2	.6	.3	.4	.7	.5	.1	.0	.0	.1	.2	.3	.3	.3	.1	.1	.2	.1	.0	.0
295.	*	.2	.4	.2	.4	.7	.4	.1	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.3	.0	.0
300.	*	.0	.3	.3	.4	.6	.4	.1	.0	.0	.0	.1	.2	.2	.2	.3	.3	.4	.3	.0	.0
305.	*	.0	.3	.2	.4	.5	.3	.1	.0	.0	.0	.0	.2	.2	.1	.4	.3	.5	.5	.0	.1
310.	*	.0	.2	.2	.4	.5	.3	.1	.0	.0	.0	.0	.1	.1	.1	.5	.4	.7	.5	.1	.1
315.	*	.0	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.7	.1	.1
320.	*	.0	.2	.2	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.7	.7	.1	.2
325.	*	.0	.2	.2	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.7	.6	.1	.3
330.	*	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.6	.1	.2
335.	*	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.1	.2
340.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.2
345.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.4	.2	.2
350.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.2
355.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.2

S1B115AM.OUT

360.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
MAX	*	.4	.8	1.3	1.0	.7	.7	.4	.2	.9	1.0	.9	.5	.5	.3	.6	1.0	.8	.8	.8	.8
DEGR.	*	135	255	230	205	210	240	210	185	170	140	140	120	120	135	90	105	55	95	60	80

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.1	.8	.8	.8	.7	.4	.3
5.	*	.1	.2	.8	.9	.7	.5	.5	.3
10.	*	.2	.2	.9	.7	.6	.5	.5	.3
15.	*	.2	.2	.9	.6	.6	.5	.5	.4
20.	*	.2	.1	.4	.5	.5	.4	.4	.4
25.	*	.3	.0	.4	.4	.5	.4	.4	.3
30.	*	.3	.0	.3	.4	.5	.4	.4	.3
35.	*	.3	.0	.3	.3	.5	.4	.4	.3
40.	*	.3	.0	.2	.3	.4	.4	.3	.3
45.	*	.3	.0	.2	.3	.5	.4	.3	.3
50.	*	.2	.1	.1	.2	.5	.4	.3	.3
55.	*	.2	.1	.1	.2	.5	.4	.3	.4
60.	*	.2	.1	.1	.2	.5	.4	.4	.4
65.	*	.3	.1	.1	.2	.5	.4	.4	.4
70.	*	.3	.1	.1	.3	.5	.4	.4	.4
75.	*	.3	.0	.1	.1	.4	.4	.4	.4
80.	*	.3	.0	.1	.1	.4	.4	.4	.4
85.	*	.2	.0	.1	.1	.4	.3	.5	.5
90.	*	.2	.0	.1	.1	.3	.4	.5	.6
95.	*	.2	.0	.1	.1	.3	.4	.5	.6
100.	*	.2	.0	.0	.1	.3	.4	.5	.5
105.	*	.2	.0	.0	.1	.3	.4	.5	.5
110.	*	.2	.0	.0	.0	.2	.4	.4	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.2	.2	.2
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.1	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.1	.0	.0	.0	.0
200.	*	.1	.1	.1	.2	.0	.0	.0	.0
205.	*	.1	.2	.1	.2	.1	.0	.0	.0

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.2	.2	.3	.2	.0	.0	.0
215.	*	.0	.2	.2	.3	.2	.0	.0	.0
220.	*	.0	.1	.2	.3	.2	.0	.0	.0
225.	*	.0	.1	.1	.5	.4	.0	.0	.0
230.	*	.0	.1	.2	.4	.4	.1	.0	.0
235.	*	.1	.1	.3	.5	.5	.1	.0	.0
240.	*	.1	.1	.3	.6	.5	.2	.0	.0
245.	*	.1	.1	.2	.7	.5	.2	.1	.0
250.	*	.1	.1	.2	.6	.5	.2	.1	.0
255.	*	.1	.1	.2	.5	.7	.2	.1	.0
260.	*	.1	.1	.2	.5	.6	.2	.2	.0
265.	*	.1	.1	.2	.5	.6	.2	.2	.1
270.	*	.1	.1	.2	.4	.6	.3	.2	.1
275.	*	.1	.1	.2	.4	.7	.3	.1	.1
280.	*	.1	.1	.2	.5	.7	.3	.1	.2
285.	*	.1	.1	.2	.5	.6	.2	.2	.2
290.	*	.1	.1	.2	.5	.6	.3	.3	.3
295.	*	.1	.1	.2	.5	.6	.4	.3	.6
300.	*	.1	.1	.2	.5	.9	.6	.4	.6
305.	*	.1	.1	.2	.6	.9	.7	.6	.7
310.	*	.1	.1	.3	.6	.9	.5	.5	.7
315.	*	.1	.1	.3	.7	.8	.5	.4	.6
320.	*	.1	.1	.4	.9	.7	.4	.5	.5
325.	*	.1	.1	.5	.8	.6	.4	.7	.4
330.	*	.2	.1	.6	.8	.5	.7	.7	.4
335.	*	.2	.1	.8	1.0	.3	.8	.7	.4
340.	*	.1	.1	.8	1.0	.3	.8	.7	.4
345.	*	.1	.1	.8	.9	.6	.8	.7	.4
350.	*	.1	.1	.7	.8	.6	.7	.5	.3
355.	*	.1	.1	.7	.9	.6	.7	.4	.3
360.	*	.1	.1	.8	.8	.8	.7	.4	.3

```

-----*-----
MAX * .3 .2 .9 1.0 .9 .8 .7
DEGR. * 25 5 10 335 300 335 325 305

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 230 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 205 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 335 DEGREES FROM REC24.

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 135	REC2 255	REC3 230	REC4 205	REC5 210	REC6 240	REC7 210	REC8 185	REC9 170	REC10 140	REC11 140	REC12 120	REC13 120	REC14 135	REC15 90	REC16 105	REC17 55	REC18 95	REC19 60	REC20 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.5	.4	.1	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.0	.1	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.3	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.2	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0
12	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.2	.1	.1
16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.2	.1	.1	.3	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.2	.2	.1	.3	.3	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B115 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:12:47.32

RUN: S1 B115 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 5	REC23 10	REC24 335	REC25 300	REC26 335	REC27 325	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.2	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.2	.1
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.2	.2	.0
16	.0	.0	.0	.0	.0	.0	.0	.5
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.2	.3	.2	.0	.0	.0
22	.0	.0	.1	.1	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.2	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.1	.0	.1	.1	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B115AM.OUT

S1B115PM.DAT

S1	B115	PM	MUDDY BRANCH & GRT	SENECA	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	251111.	525660.	5.		
REC 2	164'	SE CORNER	250889.	525749.	5.		
REC 3	82'	SE CORNER	250816.	525785.	5.		
REC 4		SE CORNER	250754.	525837.	5.		
REC 5	82'	ES CORNER	250764.	525917.	5.		
REC 6	164'	ES CORNER	250788.	525993.	5.		
REC 7	400'	ES CORNER	250858.	526219.	5.		
REC 8	400'	EN CORNER	250737.	526302.	5.		
REC 9	164'	EN CORNER	250672.	526077.	5.		
REC 10	82'	EN CORNER	250652.	525997.	5.		
REC 11		NE CORNER	250615.	525931.	5.		
REC 12	82'	NE CORNER	250530.	525947.	5.		
REC 13	164'	NE CORNE	250462.	525991.	5.		
REC 14	400'	NE CORNE	250262.	526118.	5.		
REC 15	400'	NW CORNE	250241.	525972.	5.		
REC 16	164'	NW CORNE	250439.	525843.	5.		
REC 17	82'	NW CORNER	250507.	525801.	5.		
REC 18		NW CORNER	250578.	525751.	5.		
REC 19	164'	WN CORNE	250538.	525591.	5.		
REC 20	82'	WN CORNER	250562.	525666.	5.		
REC 21	400'	WN CORNE	250465.	525365.	5.		
REC 22	400'	WS CORNE	250569.	525278.	5.		
REC 23	164'	WS CORNE	250636.	525507.	5.		
REC 24	82'	WS CORNER	250660.	525580.	5.		
REC 25		SW CORNER	250707.	525652.	5.		
REC 26	82'	SW CORNER	250791.	525635.	5.		
REC 27	164'	SW CORNE	250861.	525602.	5.		
REC 28	400'	SW CORNE	251087.	525525.	5.		

S1 B115 PM MUDDY BRANCH & GRT SENECA 43 1 1

1							
1		NB GRT	SENAG251728.525425.251209.525599.	2750	3.3	0. 68.	30.
2		NB GRT	SENAG251209.525599.251056.525645.	2750	3.3	0. 68.	30.
3		NB GRT	SENAG251056.525645.250655.525809.	2500	3.3	0. 56.	30.
4		NB GRT	SENAG250691.525795.250936.525694.	0.	36.	3	
150	81		4.0 2500 33.4 1675 3 3				
5		NB GRT	SENAG250998.525644.250646.525797.	250	3.3	0. 44.	30.
6		NB GRT	SENAG250690.525778.250942.525668.	0.	24.	2	
150	111		4.0 250 33.4 1717 3 3				
7		NB GRT	SENAG250660.525808.250540.525898.	2500	3.3	0. 68.	30.
8		NB GRT	SENAG250540.525898.250105.526187.	3275	3.3	0. 56.	30.
9		NB GRT	SENAG250105.526187.249727.526430.	3275	3.3	0. 56.	30.
10		SB GRT	SENAG249695.526367.250335.525951.	1275	3.3	0. 56.	30.
12		SB GRT	SENAG250335.525951.250627.525761.	900	3.3	0. 68.	30.
12		SB GRT	SENAG250582.525790.250430.525889.	0.	48.	4	
150	72		4.0 900 33.4 1667 3 3				
14		SB GRT	SENAG250435.525908.250640.525782.	375	3.3	0. 32.	30.
14		SB GRT	SENAG250591.525812.250444.525902.	0.	12.	1	
150	117		4.0 375 33.4 1770 3 3				
15		SB GRT	SENAG250625.525762.250865.525642.	900	3.3	0. 56.	30.
16		SB GRT	SENAG250865.525642.251343.525474.	850	3.3	0. 68.	30.
17		SB GRT	SENAG251343.525474.251707.525357.	850	3.3	0. 68.	30.
18		EB MUD	BRNAG250316.524710.250487.525156.	1375	3.1	0. 56.	30.
19		EB MUD	BRNAG250487.525156.250604.525521.	1375	3.1	0. 56.	30.
20		EB MUD	BRNAG250604.525521.250682.525760.	725	3.1	0. 44.	30.
21		EB MUD	BRNAG250666.525714.250613.525550.	0.	24.	2	
150	107		4.0 725 33.4 1770 3 3				
22		EB MUD	BRNAG250607.525468.250660.525632.	200	3.1	0. 32.	30.
23		EB MUD	BRNAG250660.525632.250703.525668.	200	3.1	0. 32.	30.
24		EB MUD	BRNAG250699.525665.250663.525635.	0.	12.	1	
150	107		4.0 200 33.4 1583 3 3				
24		EB MUD	BRNAG250703.525668.250817.525668.	200	3.1	0. 32.	30.
26		EB MUD	BRNAG250572.525479.250662.525766.	325	3.1	0. 44.	30.
27		EB MUD	BRNAG250648.525722.250587.525526.	0.	24.	2	
150	133		4.0 325 33.4 1717 3 3				
28		EB MUD	BRNAG250683.525760.250790.526082.	1300	3.1	0. 44.	30.
29		EB MUD	BRNAG250790.526082.250943.526588.	1300	3.1	0. 44.	30.
30		EB MUD	BRNAG250943.526588.251034.526857.	1300	3.1	0. 44.	30.
31		WB MUD	BRNAG250963.526877.250887.526612.	1600	3.1	0. 44.	30.
32		WB MUD	BRNAG250887.526612.250763.526237.	1600	3.1	0. 56.	30.
33		WB MUD	BRNAG250763.526237.250636.525813.	825	3.1	0. 44.	30.
33		WB MUD	BRNAG250654.525874.250725.526110.	0.	24.	2	
150	111		4.0 825 33.4 1770 3 3				

36	1	WB	MUD	BRNAG250760.526164.250655.525806.	125	3.1	0.	44.	30.
36	2	WB	MUD	BRNAG250674.525869.250743.526106.	0.	24.	2		
		150		137 4.0 125 33.4 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	650	3.1	0.	32.	30.
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	650	3.1	0.	32.	30.
38	2								
39		WB	MUD	BRNAG250624.525915.250656.525956.	0.	12.	1		
		150		111 4.0 650 33.4 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	650	3.1	0.	32.	30.
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	1450	3.1	0.	44.	30.
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	1450	3.1	0.	44.	30.
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	1450	3.1	0.	44.	30.
1.0		0.4	1000.	0.0Y 5 0 72					

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:16:35.54

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2750.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2750.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2500.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252355.9	525108.7	*	1801.	112. AG	145. 100.0	.0	36.0	1.18	91.5
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	250.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250759.5	525747.7	*	76.	114. AG	133. 100.0	.0	24.0	.33	3.9
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	2500.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	3275.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	3275.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1275.	3.3	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	900.	3.3	.0	68.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250507.8	525838.4	*	89.	303. AG	172. 100.0	.0	48.0	.28	4.5
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	375.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	249821.0	526283.6	*	903.	301. AG	70. 100.0	.0	12.0	1.18	45.9
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	900.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	850.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	850.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1375.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1375.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	725.	3.1	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250596.3	525498.5	*	226.	198. AG	128. 100.0	.0	24.0	.83	11.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	200.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	200.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250609.1	525590.1	*	117.	230. AG	64. 100.0	.0	12.0	.51	5.9
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	200.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	325.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250483.8	525194.4	*	553.	197. AG	159. 100.0	.0	24.0	1.30	28.1
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1300.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	525688.0	*	529.	17. AG	1300.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	525688.0	251034.0	526857.0	*	284.	19. AG	1300.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1600.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1600.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	825.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250820.4	526427.2	*	578.	17. AG	133. 100.0	.0	24.0	1.06	29.3
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	125.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250689.7	525922.9	*	56.	16. AG	164. 100.0	.0	24.0	.77	2.9
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	650.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	650.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	252799.8	528702.3	*	3536.	38. AG	66. 100.0	.0	12.0	1.87	179.6
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	650.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1450.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1450.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1450.	3.1	.0	44.0	

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:16:35.54

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	81	4.0	2500	1675	33.40	3	3
6. 6	NB GRT SEN*	150	111	4.0	250	1717	33.40	3	3
12. 12	SB GRT SEN*	150	72	4.0	900	1667	33.40	3	3
14. 14	SB GRT SEN*	150	117	4.0	375	1770	33.40	3	3
21. 21	EB MUD BRN*	150	107	4.0	725	1770	33.40	3	3
24. 24	EB MUD BRN*	150	107	4.0	200	1583	33.40	3	3
27. 27	EB MUD BRN*	150	133	4.0	325	1717	33.40	3	3
34. 33	WB MUD BRN*	150	111	4.0	825	1770	33.40	3	3
36. 36	WB MUD BRN*	150	137	4.0	125	1717	33.40	3	3
39. 39	WB MUD BRN*	150	111	4.0	650	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B115PM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.2
5.	*	.0	.0	.1	.3	.5	.4	.5	.0	.0	.1	.0	.0	.0	.0	.4	.4	.6	.7	.2	.4
10.	*	.0	.0	.0	.3	.4	.4	.5	.0	.1	.2	.1	.0	.0	.0	.4	.4	.7	.5	.4	.4
15.	*	.0	.0	.0	.3	.4	.4	.6	.1	.2	.3	.1	.0	.0	.0	.4	.4	.8	.7	.5	.4
20.	*	.0	.0	.1	.1	.3	.3	.6	.2	.3	.4	.2	.0	.0	.0	.4	.4	.9	.7	.4	.6
25.	*	.0	.0	.1	.1	.2	.2	.7	.2	.5	.6	.3	.1	.0	.0	.4	.4	1.0	.8	.4	.5
30.	*	.0	.0	.0	.1	.1	.1	.7	.3	.6	.7	.6	.1	.0	.0	.4	.5	1.0	.8	.5	.5
35.	*	.0	.0	.0	.1	.1	.1	.7	.4	.8	.8	.7	.2	.0	.0	.4	.6	1.0	.8	.5	.5
40.	*	.0	.0	.0	.0	.1	.1	.7	.5	.7	.9	.8	.2	.1	.0	.4	.6	1.1	.7	.7	.5
45.	*	.0	.0	.0	.0	.0	.0	.7	.6	.7	.9	.8	.2	.2	.0	.4	.5	1.0	.7	.7	.5
50.	*	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.8	.2	.2	.0	.4	.5	1.0	.5	.7	.6
55.	*	.0	.0	.0	.0	.0	.0	.5	.7	.7	.7	.8	.2	.2	.0	.4	.5	1.0	.5	.7	.6
60.	*	.0	.0	.0	.0	.0	.0	.5	.6	.7	.7	.8	.2	.2	.0	.5	.6	1.0	.6	.9	.8
65.	*	.0	.0	.0	.0	.0	.0	.4	.6	.7	.7	.7	.2	.2	.0	.5	.6	1.0	.5	1.0	.8
70.	*	.0	.0	.0	.0	.0	.0	.4	.6	.6	.7	.7	.2	.2	.0	.5	.5	.8	.6	1.0	.7
75.	*	.0	.0	.0	.0	.0	.0	.3	.6	.6	.8	.7	.2	.2	.1	.5	.5	.8	.6	.9	.8
80.	*	.1	.0	.0	.0	.0	.0	.3	.6	.6	.7	.7	.2	.1	.1	.5	.5	1.0	.8	.9	.7
85.	*	.1	.0	.0	.0	.0	.0	.2	.6	.6	.7	.8	.2	.1	.1	.5	.5	.9	.8	.7	.8
90.	*	.1	.0	.0	.0	.0	.0	.2	.6	.6	.7	.7	.2	.1	.1	.4	.7	.9	.9	.7	.8
95.	*	.3	.1	.1	.0	.0	.0	.2	.5	.6	.7	.8	.2	.1	.2	.4	.7	1.1	.8	.6	.7
100.	*	.4	.3	.2	.1	.0	.0	.2	.5	.6	.7	.8	.2	.1	.2	.4	.9	1.0	.7	.7	.8
105.	*	.6	.5	.3	.1	.0	.0	.2	.5	.6	.7	1.0	.3	.2	.2	.5	.9	1.0	.7	.7	.8
110.	*	.8	.8	.5	.3	.1	.0	.2	.5	.7	.8	1.0	.5	.3	.3	.5	.7	.8	.7	.7	.8
115.	*	.9	.9	.7	.5	.1	.1	.2	.5	.8	.8	1.2	.6	.5	.3	.4	.6	.9	.5	.6	.8
120.	*	1.0	1.1	.8	.4	.2	.1	.2	.5	.8	.8	1.2	.6	.5	.4	.4	.5	.7	.5	.5	.6
125.	*	1.0	1.0	.8	.6	.2	.1	.2	.5	.8	.9	1.2	.4	.6	.5	.1	.5	.6	.4	.5	.6
130.	*	1.0	.9	.8	.6	.3	.1	.3	.6	.8	1.0	1.0	.7	.5	.6	.1	.4	.5	.4	.4	.6
135.	*	.9	.9	.8	.5	.3	.1	.3	.6	.8	1.0	.9	.6	.6	.6	.1	.3	.3	.4	.4	.6
140.	*	.9	.8	.8	.5	.3	.1	.3	.6	.8	1.1	1.0	.5	.6	.6	.1	.2	.3	.5	.5	.7
145.	*	.8	.8	.7	.5	.3	.2	.3	.6	.9	1.1	.9	.5	.6	.7	.1	.2	.3	.5	.6	.7
150.	*	.8	.8	.7	.5	.3	.2	.3	.6	.9	1.0	.8	.5	.8	.7	.1	.2	.3	.5	.7	.7
155.	*	.7	.8	.7	.5	.3	.2	.3	.5	.9	1.0	.7	.7	.8	.7	.1	.1	.4	.5	.7	.7
160.	*	.7	.7	.7	.5	.3	.2	.3	.5	.9	1.0	.4	.8	.7	.6	.0	.1	.4	.7	.6	.6
165.	*	.7	.7	.6	.5	.3	.2	.3	.5	.9	.9	.4	.8	.7	.6	.0	.1	.4	.6	.6	.6
170.	*	.7	.7	.6	.6	.3	.2	.3	.7	.9	1.0	.5	.8	.7	.6	.0	.1	.1	.6	.7	.7
175.	*	.7	.6	.6	.6	.3	.2	.4	.7	.9	.9	.6	.7	.5	.6	.0	.1	.1	.6	.7	.7
180.	*	.7	.6	.6	.6	.4	.2	.4	.5	.8	.9	.7	.7	.5	.6	.0	.1	.1	.6	.7	.6
185.	*	.7	.6	.6	.6	.3	.2	.4	.5	.7	.9	.8	.7	.4	.5	.0	.0	.1	.4	.6	.6
190.	*	.7	.6	.6	.7	.6	.4	.6	.4	.7	.6	.6	.6	.4	.5	.0	.0	.1	.3	.4	.5
195.	*	.7	.6	.6	.9	.6	.5	.6	.3	.4	.5	.6	.5	.4	.5	.0	.0	.0	.2	.3	.4
200.	*	.7	.7	.6	1.0	.7	.5	.8	.1	.4	.4	.5	.5	.4	.5	.0	.0	.0	.2	.3	.3
205.	*	.7	.7	.7	1.0	.7	.6	1.0	.1	.2	.3	.5	.4	.4	.5	.0	.0	.0	.2	.2	.1

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.7	.6	.8	.9	.7	.4	1.1	.0	.2	.2	.6	.4	.4	.6	.0	.0	.0	.0	.1	.1
215.	*	.7	.7	.8	.9	.7	.4	.9	.0	.0	.2	.6	.4	.4	.6	.0	.0	.0	.0	.0	.0
220.	*	.7	.7	.9	1.0	.5	.4	1.0	.1	.1	.2	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
225.	*	.7	.7	1.0	.9	.4	.5	1.0	.1	.1	.3	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
230.	*	.7	.8	1.0	.8	.4	.6	.9	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
235.	*	.7	.9	.9	.8	.5	.6	.9	.1	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
240.	*	.9	.9	.9	.5	.6	.6	.9	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
245.	*	.9	.9	1.0	.4	.5	.3	.7	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.8	1.0	1.0	.5	.6	.4	.6	.0	.1	.1	.4	.4	.4	.4	.6	.0	.0	.0	.0	.0
255.	*	.9	1.0	1.0	.4	.6	.5	.6	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0
260.	*	1.0	1.0	.9	.4	.6	.5	.5	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0
265.	*	1.0	1.0	.9	.4	.7	.5	.5	.0	.1	.2	.4	.5	.6	.6	.0	.0	.0	.0	.0	.0
270.	*	.9	.9	.8	.4	.5	.5	.5	.0	.1	.2	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
275.	*	1.0	.8	.8	.5	.6	.5	.4	.0	.1	.2	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
280.	*	1.0	.8	.8	.5	.6	.5	.4	.0	.1	.1	.3	.6	.7	.7	.0	.0	.0	.0	.0	.0
285.	*	.8	.9	.7	.6	.6	.5	.4	.0	.0	.1	.4	.7	.7	.8	.0	.0	.0	.0	.0	.0
290.	*	.7	.7	.6	.6	.5	.4	.5	.0	.0	.1	.3	.7	.7	.7	.1	.0	.0	.0	.0	.0
295.	*	.5	.6	.6	.6	.5	.4	.5	.0	.0	.1	.2	.7	.7	.6	.1	.0	.1	.2	.0	.0
300.	*	.4	.3	.6	.4	.5	.4	.5	.0	.0	.0	.1	.5	.5	.5	.2	.3	.3	.3	.0	.0
305.	*	.3	.4	.3	.4	.4	.4	.5	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.5	.0	.0
310.	*	.1	.1	.4	.4	.4	.4	.5	.0	.0	.0	.1	.2	.2	.3	.4	.5	.4	.5	.0	.0
315.	*	.1	.1	.3	.3	.4	.4	.5	.0	.0	.0	.0	.1	.1	.2	.4	.5	.5	.6	.0	.2
320.	*	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.1	.1	.1	.5	.4	.5	.8	.0	.2
325.	*	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.1	.5	.4	.5	.8	.1	.2
330.	*	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.1	.5	.4	.5	.8	.1	.3
335.	*	.0	.1	.2	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.7	.1	.3
340.	*	.0	.1	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.6	.8	.1	.3
345.	*	.0	.1	.1	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.8	.1	.3
350.	*	.0	.1	.1	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.8	.2	.4
355.	*	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.4

360.	*	.0	.0	.1	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.2
MAX	*	1.0	1.1	1.0	1.0	.7	.6	1.1	.7	.9	1.1	1.2	.8	.8	.8	.5	.9	1.1	.9	1.0	.8
DEGR.	*	120	120	225	200	200	205	210	50	145	140	115	160	150	285	60	100	40	90	65	60

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.5	.8	.6	.6	.5	.4	.4
5.	*	.1	.5	.8	.7	.6	.5	.3	.4
10.	*	.1	.5	.6	.7	.6	.4	.4	.4
15.	*	.4	.4	.6	.6	.8	.4	.4	.4
20.	*	.6	.3	.5	.7	.6	.4	.4	.4
25.	*	.7	.2	.3	.5	.6	.4	.4	.4
30.	*	.5	.1	.2	.2	.5	.4	.4	.4
35.	*	.6	.1	.2	.2	.4	.4	.4	.4
40.	*	.7	.1	.2	.2	.4	.4	.4	.4
45.	*	.8	.1	.2	.2	.4	.4	.4	.4
50.	*	.8	.1	.2	.2	.4	.4	.4	.4
55.	*	.7	.1	.2	.2	.4	.4	.4	.5
60.	*	.7	.1	.2	.2	.4	.4	.4	.5
65.	*	.7	.1	.1	.2	.4	.4	.4	.5
70.	*	.6	.1	.1	.2	.4	.4	.4	.4
75.	*	.6	.1	.1	.2	.4	.4	.5	.4
80.	*	.6	.1	.1	.1	.4	.4	.5	.4
85.	*	.5	.1	.1	.1	.4	.5	.4	.4
90.	*	.5	.1	.1	.1	.4	.6	.5	.4
95.	*	.5	.0	.1	.1	.3	.4	.5	.5
100.	*	.5	.0	.1	.1	.3	.4	.4	.4
105.	*	.5	.0	.1	.1	.2	.4	.4	.4
110.	*	.5	.0	.0	.1	.1	.3	.2	.3
115.	*	.5	.0	.0	.0	.1	.2	.2	.2
120.	*	.4	.0	.0	.0	.0	.1	.1	.1
125.	*	.4	.0	.0	.0	.0	.0	.0	.0
130.	*	.4	.0	.0	.0	.0	.0	.0	.0
135.	*	.5	.0	.0	.0	.0	.0	.0	.0
140.	*	.5	.0	.0	.0	.0	.0	.0	.0
145.	*	.5	.0	.0	.0	.0	.0	.0	.0
150.	*	.5	.0	.0	.0	.0	.0	.0	.0
155.	*	.5	.0	.0	.0	.0	.0	.0	.0
160.	*	.5	.0	.0	.0	.0	.0	.0	.0
165.	*	.5	.0	.0	.0	.0	.0	.0	.0
170.	*	.5	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.2	.1	.0	.0	.0	.0
195.	*	.3	.0	.2	.2	.1	.0	.0	.0
200.	*	.3	.2	.3	.4	.1	.0	.0	.0
205.	*	.1	.2	.4	.4	.4	.0	.0	.0

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.3	.5	.5	.4	.1	.0	.0
215.	*	.1	.4	.6	.7	.4	.1	.0	.0
220.	*	.0	.4	.6	.7	.6	.1	.1	.0
225.	*	.0	.4	.6	.9	.6	.1	.1	.0
230.	*	.0	.3	.6	.9	.6	.1	.1	.0
235.	*	.0	.3	.6	.7	.6	.2	.1	.0
240.	*	.0	.4	.6	.7	.6	.2	.1	.0
245.	*	.0	.5	.6	.7	.7	.2	.1	.0
250.	*	.0	.5	.6	.7	.7	.2	.2	.1
255.	*	.0	.5	.6	.8	.7	.2	.2	.1
260.	*	.0	.5	.7	.8	.7	.2	.2	.1
265.	*	.0	.5	.6	.8	.7	.3	.2	.1
270.	*	.0	.5	.6	.8	.7	.3	.2	.1
275.	*	.0	.5	.6	.8	.7	.3	.2	.1
280.	*	.0	.5	.7	.9	.7	.2	.2	.1
285.	*	.0	.5	.7	.9	.7	.2	.2	.2
290.	*	.0	.5	.8	.9	.7	.2	.2	.1
295.	*	.0	.5	.8	.9	.7	.2	.3	.3
300.	*	.0	.5	.7	.9	.8	.6	.1	.3
305.	*	.0	.5	.7	.9	1.0	.5	.3	.4
310.	*	.0	.5	.7	.9	.9	.4	.4	.4
315.	*	.0	.5	.8	1.1	.9	.4	.5	.4
320.	*	.0	.5	.8	1.1	.8	.6	.4	.4
325.	*	.0	.5	.9	1.2	.6	.5	.4	.4
330.	*	.0	.5	.9	1.2	.7	.5	.5	.4
335.	*	.0	.5	.9	1.1	.4	.5	.5	.4
340.	*	.0	.5	1.0	1.1	.5	.6	.5	.5
345.	*	.0	.5	.9	1.1	.4	.6	.5	.5
350.	*	.0	.4	.8	.9	.6	.6	.5	.4
355.	*	.0	.4	.9	.8	.6	.5	.5	.4
360.	*	.1	.5	.8	.6	.6	.5	.4	.4

```

-----*-----
MAX *      .8      .5      1.0      1.2      1.0      .6      .5      .5
DEGR. *    45      0      340     325     305      90      75     55

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 325 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 115 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 120 DEGREES FROM REC2 .

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:16:35.54

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 120	REC3 225	REC4 200	REC5 200	REC6 205	REC7 210	REC8 50	REC9 145	REC10 140	REC11 115	REC12 160	REC13 150	REC14 285	REC15 60	REC16 100	REC17 40	REC18 90	REC19 65	REC20 60
1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.2	.1	.1
4	.5	.6	.4	.3	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.2	.0	.3	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.2	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.5	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2
28	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.1	.0	.2	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.6	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B115 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:16:35.54

RUN: S1 B115 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 45	REC22 0	REC23 340	REC24 325	REC25 305	REC26 90	REC27 75	REC28 55
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.1	.1	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.1	.0	.0	.0	.0	.2	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.1	.1	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.1	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.1	.1	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.3	.3	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.1	.1	.0	.0
42	*	.2	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B115PM.OUT

S1B215AM.DAT

S1	B215	AM	MUDDY BRANCH & GRT	SENECA	60.0175.0.0000.000280.30480000	11	1
REC 1	400'	SE	CORNER	251111.	525660.	5.	
REC 2	164'	SE	CORNER	250889.	525749.	5.	
REC 3	82'	SE	CORNER	250816.	525785.	5.	
REC 4		SE	CORNER	250754.	525837.	5.	
REC 5	82'	ES	CORNER	250764.	525917.	5.	
REC 6	164'	ES	CORNER	250788.	525993.	5.	
REC 7	400'	ES	CORNER	250858.	526219.	5.	
REC 8	400'	EN	CORNER	250737.	526302.	5.	
REC 9	164'	EN	CORNER	250672.	526077.	5.	
REC 10	82'	EN	CORNER	250652.	525997.	5.	
REC 11		NE	CORNER	250615.	525931.	5.	
REC 12	82'	NE	CORNER	250530.	525947.	5.	
REC 13	164'	NE	CORNE	250462.	525991.	5.	
REC 14	400'	NE	CORNE	250262.	526118.	5.	
REC 15	400'	NW	CORNE	250241.	525972.	5.	
REC 16	164'	NW	CORNE	250439.	525843.	5.	
REC 17	82'	NW	CORNER	250507.	525801.	5.	
REC 18		NW	CORNER	250578.	525751.	5.	
REC 19	164'	WN	CORNE	250538.	525591.	5.	
REC 20	82'	WN	CORNER	250562.	525666.	5.	
REC 21	400'	WN	CORNE	250465.	525365.	5.	
REC 22	400'	WS	CORNE	250569.	525278.	5.	
REC 23	164'	WS	CORNE	250636.	525507.	5.	
REC 24	82'	WS	CORNER	250660.	525580.	5.	
REC 25		SW	CORNER	250707.	525652.	5.	
REC 26	82'	SW	CORNER	250791.	525635.	5.	
REC 27	164'	SW	CORNE	250861.	525602.	5.	
REC 28	400'	SW	CORNE	251087.	525525.	5.	

S1	B215	AM	MUDDY BRANCH & GRT	SENECA	43	1	1
1							
1		NB	GRT	SENAG251728.525425.251209.525599.	675	3.3	0. 68. 30.
2		NB	GRT	SENAG251209.525599.251056.525645.	675	3.3	0. 68. 30.
3		NB	GRT	SENAG251056.525645.250655.525809.	525	3.3	0. 56. 30.
4		NB	GRT	SENAG250691.525795.250936.525694.	0.	36.	3
150				122 4.0 525 33.4 1659 3 3			
5		NB	GRT	SENAG250998.525644.250646.525797.	150	3.3	0. 44. 30.
6		NB	GRT	SENAG250690.525778.250942.525668.	0.	24.	2
150				138 4.0 150 33.4 1717 3 3			
7		NB	GRT	SENAG250660.525808.250540.525898.	825	3.3	0. 68. 30.
8		NB	GRT	SENAG250540.525898.250105.526187.	825	3.3	0. 56. 30.
9		NB	GRT	SENAG250105.526187.249727.526430.	825	3.3	0. 56. 30.
10		SB	GRT	SENAG249695.526367.250335.525951.	3300	3.3	0. 56. 30.
12		SB	GRT	SENAG250335.525951.250627.525761.	3125	3.3	0. 56. 30.
12		SB	GRT	SENAG250582.525790.250430.525889.	0.	36.	3
150				56 4.0 3125 33.4 1667 3 3			
14		SB	GRT	SENAG250435.525908.250640.525782.	175	3.3	0. 32. 30.
14		SB	GRT	SENAG250591.525812.250444.525902.	0.	12.	1
150				72 4.0 175 33.4 1770 3 3			
15		SB	GRT	SENAG250625.525762.250865.525642.	3125	3.3	0. 56. 30.
16		SB	GRT	SENAG250865.525642.251343.525474.	3500	3.3	0. 68. 30.
17		SB	GRT	SENAG251343.525474.251707.525357.	3500	3.3	0. 68. 30.
18		EB	MUD	BRNAG250316.524710.250487.525156.	1200	3.1	0. 56. 30.
19		EB	MUD	BRNAG250487.525156.250604.525521.	1200	3.1	0. 56. 30.
20		EB	MUD	BRNAG250604.525521.250682.525760.	600	3.1	0. 44. 30.
21		EB	MUD	BRNAG250666.525714.250613.525550.	0.	24.	2
150				112 4.0 600 33.4 1770 3 3			
22		EB	MUD	BRNAG250607.525468.250660.525632.	400	3.1	0. 32. 30.
23		EB	MUD	BRNAG250660.525632.250703.525668.	400	3.1	0. 32. 30.
24		EB	MUD	BRNAG250699.525665.250663.525635.	0.	12.	1
150				112 4.0 400 33.4 1583 3 3			
24		EB	MUD	BRNAG250703.525668.250817.525668.	400	3.1	0. 32. 30.
26		EB	MUD	BRNAG250572.525479.250662.525766.	200	3.1	0. 44. 30.
27		EB	MUD	BRNAG250648.525722.250587.525526.	0.	24.	2
150				134 4.0 200 33.4 1717 3 3			
28		EB	MUD	BRNAG250683.525760.250790.526082.	850	3.1	0. 44. 30.
29		EB	MUD	BRNAG250790.526082.250943.526588.	850	3.1	0. 44. 30.
30		EB	MUD	BRNAG250943.526588.251034.526857.	850	3.1	0. 44. 30.
31		WB	MUD	BRNAG250963.526877.250887.526612.	875	3.1	0. 44. 30.
32		WB	MUD	BRNAG250887.526612.250763.526237.	875	3.1	0. 56. 30.
33		WB	MUD	BRNAG250763.526237.250636.525813.	550	3.1	0. 44. 30.
33		WB	MUD	BRNAG250654.525874.250725.526110.	0.	24.	2
150				115 4.0 550 33.4 1770 3 3			

S1B215AM.DAT

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:20:02.17

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	675.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	675.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	525.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250802.8	525748.9	*	121.	112. AG	219.	100.0	.0	36.0	.72 6.1
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	150.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250845.7	525710.0	*	170.	114. AG	165.	100.0	.0	24.0	1.10 8.6
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	825.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	825.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	825.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3300.	3.3	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	3125.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	249651.3	526396.1	*	1111.	303. AG	100.	100.0	.0	36.0	1.07 56.4
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	175.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250532.3	525848.0	*	69.	301. AG	43.	100.0	.0	12.0	.21 3.5
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	3125.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3500.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3500.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1200.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1200.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	600.	3.1	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250606.6	525530.2	*	193.	198. AG	134.	100.0	.0	24.0	.80 9.8
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	400.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	400.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249953.2	525043.5	*	971.	230. AG	67.	100.0	.0	12.0	1.19 49.3
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	400.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	200.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250619.5	525630.4	*	96.	197. AG	160.	100.0	.0	24.0	.88 4.9
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	850.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	850.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	850.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	875.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	875.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	550.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250707.2	526050.7	*	185.	17. AG	137.	100.0	.0	24.0	.80 9.4
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	150.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250721.5	526032.1	*	170.	16. AG	165.	100.0	.0	24.0	1.10 8.6
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	175.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	175.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250691.7	526001.7	*	110.	38. AG	69.	100.0	.0	12.0	.57 5.6
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	175.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	875.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	875.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	875.	3.1	.0	44.0	

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:20:02.17

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	122	4.0	525	1659	33.40	3	3
6. 6	NB GRT SEN*	150	138	4.0	150	1717	33.40	3	3
12. 12	SB GRT SEN*	150	56	4.0	3125	1667	33.40	3	3
14. 14	SB GRT SEN*	150	72	4.0	175	1770	33.40	3	3
21. 21	EB MUD BRN*	150	112	4.0	600	1770	33.40	3	3
24. 24	EB MUD BRN*	150	112	4.0	400	1583	33.40	3	3
27. 27	EB MUD BRN*	150	134	4.0	200	1717	33.40	3	3
34. 33	WB MUD BRN*	150	115	4.0	550	1770	33.40	3	3
36. 36	WB MUD BRN*	150	138	4.0	150	1717	33.40	3	3
39. 39	WB MUD BRN*	150	115	4.0	175	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B215AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
5.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.2	.2
10.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.4
15.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.6	.3	.4
20.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.6	.4	.4
25.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.6	.6	.6	.5	.4	.4
30.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.6	.6	.6	.5	.4	.5
35.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.0	.0	.0	.6	.6	.8	.5	.4	.4
40.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.4	.0	.0	.0	.6	.6	.8	.6	.6	.4
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.0	.0	.0	.6	.6	.8	.6	.7	.5
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.0	.0	.0	.6	.7	.8	.5	.7	.5
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.6	.1	.0	.0	.6	.8	.9	.6	.8	.5
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.7	.2	.0	.0	.6	.8	.9	.6	.8	.7
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.7	.2	.0	.0	.6	.8	.9	.6	.8	.7
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.6	.2	.0	.0	.6	.8	.7	.7	.7	.7
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.0	.0	.7	.8	.6	.8	.6	.7
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.3	.2	.0	.7	.9	.8	.9	.6	.7
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.7	.6	.3	.2	.0	.8	.8	.9	.9	.5	.8
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.7	.6	.3	.2	.0	.8	.8	1.0	1.0	.5	.7
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.7	.6	.3	.2	.0	.7	.9	.9	.9	.5	.7
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.7	.6	.2	.2	.0	.9	1.0	.9	.8	.5	.8
105.	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.7	.6	.2	.2	.0	.9	1.1	.9	.9	.5	.7
110.	*	.2	.1	.1	.0	.0	.0	.0	.1	.0	.7	.6	.2	.2	.0	.8	1.0	.9	.9	.4	.7
115.	*	.3	.1	.1	.1	.0	.0	.0	.1	.1	.7	.6	.3	.2	.1	.7	.9	1.0	.8	.3	.7
120.	*	.3	.3	.2	.1	.0	.0	.0	.1	.2	.7	.8	.5	.4	.1	.6	.6	.7	.6	.3	.5
125.	*	.3	.3	.3	.1	.1	.0	.0	.1	.2	.8	.9	.4	.3	.2	.5	.6	.5	.6	.3	.5
130.	*	.3	.3	.3	.1	.1	.0	.0	.1	.3	.8	.9	.5	.5	.3	.3	.5	.4	.5	.3	.5
135.	*	.4	.3	.3	.3	.1	.1	.0	.1	.5	.8	.9	.5	.5	.3	.3	.3	.3	.5	.3	.5
140.	*	.3	.3	.3	.3	.1	.1	.0	.1	.5	.9	.9	.4	.3	.3	.0	.2	.3	.5	.3	.4
145.	*	.3	.3	.4	.5	.1	.1	.0	.1	.5	1.0	.7	.5	.4	.3	.0	.1	.2	.5	.2	.4
150.	*	.3	.3	.3	.6	.1	.1	.0	.1	.6	1.1	.5	.3	.3	.4	.0	.1	.2	.5	.3	.3
155.	*	.3	.3	.4	.7	.3	.1	.0	.1	.8	1.1	.5	.6	.4	.5	.0	.0	.1	.5	.3	.3
160.	*	.3	.3	.5	.6	.3	.1	.1	.0	1.0	1.0	.5	.5	.4	.5	.0	.0	.1	.4	.3	.3
165.	*	.3	.3	.5	.6	.3	.0	.1	.0	1.0	1.0	.2	.3	.4	.3	.0	.0	.0	.4	.3	.3
170.	*	.3	.3	.4	.7	.3	.2	.0	.0	1.1	1.0	.3	.5	.4	.4	.0	.0	.0	.3	.3	.3
175.	*	.3	.3	.3	.7	.4	.3	.0	.1	1.0	.8	.5	.3	.4	.4	.0	.0	.0	.3	.3	.3
180.	*	.3	.1	.5	.7	.4	.3	.0	.2	.8	.6	.4	.4	.4	.4	.0	.0	.0	.3	.4	.3
185.	*	.3	.1	.5	.7	.4	.3	.0	.2	.4	.5	.4	.4	.4	.4	.0	.0	.0	.2	.4	.3
190.	*	.3	.3	.6	.7	.4	.3	.0	.2	.4	.4	.2	.4	.4	.4	.0	.0	.0	.2	.3	.2
195.	*	.3	.3	.7	.8	.6	.4	.1	.2	.4	.3	.3	.4	.4	.4	.0	.0	.0	.2	.3	.2
200.	*	.3	.3	.8	.8	.6	.5	.2	.1	.2	.2	.3	.4	.4	.4	.0	.0	.0	.1	.3	.2
205.	*	.3	.2	.8	1.0	.7	.5	.3	.0	.1	.3	.3	.4	.4	.4	.0	.0	.0	.1	.1	.2

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.2	.9	1.0	.7	.4	.3	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.1	.1	.1
215.	*	.3	.2	1.1	1.0	.6	.2	.3	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.1	.1	.1
220.	*	.3	.2	1.2	.9	.3	.3	.3	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1
225.	*	.3	.2	1.2	.9	.2	.5	.3	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1
230.	*	.3	.6	1.2	.7	.3	.5	.1	.0	.2	.2	.2	.4	.3	.4	.0	.0	.0	.0	.1	.0
235.	*	.3	.6	1.3	.5	.3	.6	.1	.0	.2	.2	.2	.4	.3	.4	.0	.0	.0	.0	.1	.0
240.	*	.3	.7	1.4	.5	.5	.6	.1	.0	.2	.2	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
245.	*	.3	.8	1.3	.4	.5	.7	.1	.0	.2	.2	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
250.	*	.3	.9	1.3	.3	.6	.8	.1	.1	.1	.2	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
255.	*	.3	.9	1.1	.4	.6	.8	.1	.1	.2	.2	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
260.	*	.3	.9	1.1	.3	.6	.8	.2	.1	.2	.2	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	1.0	.3	.6	.7	.2	.0	.2	.2	.2	.5	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.2	.9	1.1	.3	.7	.7	.1	.0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
275.	*	.4	.9	.8	.3	.8	.7	.1	.0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
280.	*	.4	.9	.6	.3	.7	.7	.1	.0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
285.	*	.5	.7	.5	.6	.8	.7	.1	.0	.2	.2	.3	.5	.5	.5	.1	.0	.1	.1	.0	.0
290.	*	.3	.7	.5	.6	.8	.5	.1	.0	.0	.2	.3	.4	.4	.4	.2	.3	.3	.2	.0	.0
295.	*	.2	.6	.4	.5	.8	.3	.1	.0	.0	.1	.2	.3	.3	.3	.3	.3	.5	.3	.0	.0
300.	*	.0	.4	.4	.5	.6	.3	.1	.0	.0	.0	.2	.3	.3	.3	.5	.6	.5	.5	.0	.0
305.	*	.0	.3	.3	.4	.5	.3	.1	.0	.0	.0	.0	.3	.3	.1	.7	.7	.8	.7	.0	.2
310.	*	.0	.2	.2	.4	.5	.3	.1	.0	.0	.0	.0	.1	.1	.1	.8	.8	1.0	.8	.2	.2
315.	*	.0	.2	.2	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.3
320.	*	.0	.2	.2	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	1.0	.9	.9	.2	.4
325.	*	.0	.2	.2	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.7	.2	.4
330.	*	.0	.1	.2	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.7	.3	.3
335.	*	.0	.0	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.7	.2	.2
340.	*	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.7	.2	.3
345.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.6	.2	.3
350.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.7	.5	.2	.3
355.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.2	.2

S1B215AM.OUT																					
360.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2	
MAX	*	.5	.9	1.4	1.0	.8	.8	.3	.2	1.1	1.1	.9	.6	.5	.5	.9	1.1	1.0	1.0	.8	.8
DEGR.	*	285	260	240	205	275	250	205	180	170	150	135	155	130	155	100	105	90	90	60	85

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.2	.8	.8	.7	.7	.4	.3
5.	.2	.2	.9	.9	.7	.6	.3	.3
10.	.2	.2	.9	.8	.7	.6	.3	.3
15.	.2	.2	.8	.6	.6	.6	.3	.4
20.	.2	.1	.4	.5	.6	.5	.4	.4
25.	.3	.0	.4	.4	.6	.5	.3	.3
30.	.3	.0	.3	.4	.6	.4	.3	.3
35.	.3	.0	.3	.3	.6	.4	.3	.3
40.	.2	.0	.2	.3	.6	.4	.3	.3
45.	.2	.0	.2	.3	.6	.4	.3	.3
50.	.2	.1	.1	.2	.6	.3	.3	.3
55.	.2	.1	.1	.2	.6	.3	.3	.4
60.	.2	.1	.1	.1	.4	.3	.4	.4
65.	.3	.1	.1	.1	.4	.4	.4	.4
70.	.3	.1	.1	.2	.4	.4	.4	.4
75.	.3	.0	.1	.2	.4	.4	.4	.4
80.	.3	.0	.1	.1	.4	.4	.4	.4
85.	.2	.0	.1	.1	.4	.4	.5	.5
90.	.2	.0	.1	.1	.3	.5	.5	.6
95.	.2	.0	.1	.1	.3	.5	.5	.6
100.	.2	.0	.0	.1	.3	.4	.5	.5
105.	.2	.0	.0	.1	.3	.4	.5	.5
110.	.2	.0	.0	.0	.3	.4	.4	.4
115.	.2	.0	.0	.0	.1	.3	.2	.3
120.	.2	.0	.0	.0	.1	.1	.2	.2
125.	.2	.0	.0	.0	.0	.1	.1	.1
130.	.2	.0	.0	.0	.0	.1	.1	.1
135.	.2	.0	.0	.0	.0	.0	.0	.0
140.	.2	.0	.0	.0	.0	.0	.0	.0
145.	.2	.0	.0	.0	.0	.0	.0	.0
150.	.2	.0	.0	.0	.0	.0	.0	.0
155.	.2	.0	.0	.0	.0	.0	.0	.0
160.	.2	.0	.0	.0	.0	.0	.0	.0
165.	.2	.0	.0	.0	.0	.0	.0	.0
170.	.2	.0	.0	.0	.0	.0	.0	.0
175.	.1	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0
190.	.1	.0	.1	.0	.0	.0	.0	.0
195.	.1	.0	.1	.1	.0	.0	.0	.0
200.	.1	.1	.1	.2	.0	.0	.0	.0
205.	.1	.2	.1	.2	.1	.0	.0	.0

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.2	.2	.3	.2	.0	.0	.0
215.	.0	.2	.2	.3	.2	.0	.0	.0
220.	.0	.1	.2	.3	.3	.0	.0	.0
225.	.0	.1	.1	.5	.4	.0	.0	.0
230.	.0	.1	.2	.4	.4	.0	.0	.0
235.	.1	.1	.3	.5	.5	.1	.0	.0
240.	.1	.1	.3	.6	.5	.2	.0	.0
245.	.1	.1	.2	.7	.6	.2	.1	.0
250.	.1	.1	.2	.6	.6	.2	.1	.0
255.	.1	.1	.2	.5	.7	.2	.2	.0
260.	.1	.1	.2	.5	.6	.2	.2	.0
265.	.1	.1	.2	.5	.7	.3	.2	.1
270.	.1	.1	.2	.4	.7	.3	.2	.1
275.	.1	.1	.2	.4	.7	.3	.1	.1
280.	.1	.1	.2	.5	.7	.3	.2	.2
285.	.1	.1	.2	.5	.6	.3	.3	.3
290.	.1	.1	.2	.5	.6	.5	.4	.4
295.	.1	.1	.3	.5	.8	.5	.6	.6
300.	.1	.1	.2	.5	.9	.7	.6	.8
305.	.1	.1	.2	.7	1.0	.8	.8	.9
310.	.1	.1	.5	.8	1.2	.6	.7	.8
315.	.1	.1	.5	.9	1.0	.7	.8	.5
320.	.1	.1	.5	.9	.8	.8	.6	.4
325.	.1	.1	.7	.9	.7	.6	.7	.4
330.	.2	.2	.8	.9	.7	.8	.9	.4
335.	.3	.2	.8	1.0	.5	.9	.8	.4
340.	.2	.2	.9	1.0	.4	.9	.8	.4
345.	.2	.2	.9	1.0	.6	.9	.5	.4
350.	.2	.1	.9	1.0	.6	.9	.5	.3
355.	.2	.1	.8	.8	.6	.8	.4	.3
360.	.1	.2	.8	.8	.7	.7	.4	.3

```

-----*-----
MAX * .3 .2 .9 1.0 1.2 .9 .9 .9
DEGR. * 25 0 5 335 310 335 330 305

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 240 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 310 DEGREES FROM REC25 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 170 DEGREES FROM REC9 .

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:20:02.17

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 285	REC2 260	REC3 240	REC4 205	REC5 275	REC6 250	REC7 205	REC8 180	REC9 170	REC10 150	REC11 135	REC12 155	REC13 130	REC14 155	REC15 100	REC16 105	REC17 90	REC18 90	REC19 60	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.6	.4	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.1	.1	.2	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.2	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.2	.4	.4	.2	.0	.0
12	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.2	.4	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.3	.1	.1
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.2	.1	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.2	.2	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B215 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:20:02.17

RUN: S1 B215 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 0	REC23 5	REC24 335	REC25 310	REC26 335	REC27 330	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.2	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.2	.1
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.1	.2	.0	.0	.0
12	.0	.0	.0	.1	.2	.0	.0	.1
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.1	.3	.3	.1
16	.0	.0	.0	.0	.0	.1	.5	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.0	.0	.0
22	.0	.0	.1	.1	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.2	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.1	.0	.0	.1	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B215AM.OUT

Sr	Bt	PM	MUDDY	BRANCH & GRT	SENECA	43	1	5	1	
1	1			NB GRT	SENAG251728.525425.251209.525599.	2750	3.3	0.	68.	30.
2	1			NB GRT	SENAG251209.525599.251056.525645.	2750	3.3	0.	68.	30.
3	2			NB GRT	SENAG251056.525645.250655.525809.	2500	3.3	0.	56.	30.
4	1	150		NB GRT	SENAG250691.525795.250936.525694. 81 4.0 2500 33.4 1675 3 3	0.	36.	3		
5	2			NB GRT	SENAG250998.525644.250646.525797.	250	3.3	0.	44.	30.
6	1	150		NB GRT	SENAG250690.525778.250942.525668. 128 4.0 250 33.4 1717 3 3	0.	24.	2		
7	1			NB GRT	SENAG250660.525808.250540.525898.	3275	3.3	0.	68.	30.
8	1			NB GRT	SENAG250540.525898.250105.526187.	3275	3.3	0.	56.	30.
9	1			NB GRT	SENAG250105.526187.249727.526430.	3275	3.3	0.	56.	30.
10	1			SB GRT	SENAG249695.526367.250335.525951.	1275	3.3	0.	56.	30.
12	2			SB GRT	SENAG250335.525951.250627.525761.	900	3.3	0.	56.	30.
12	1	150		SB GRT	SENAG250582.525790.250430.525889. 72 4.0 900 33.4 1667 3 3	0.	36.	3		
14	2			SB GRT	SENAG250435.525908.250640.525782.	375	3.3	0.	32.	30.
14	1	150		SB GRT	SENAG250591.525812.250444.525902. 119 4.0 375 33.4 1770 3 3	0.	12.	1		
15	1			SB GRT	SENAG250625.525762.250865.525642.	950	3.3	0.	56.	30.
16	1			SB GRT	SENAG250865.525642.251343.525474.	950	3.3	0.	68.	30.
17	1			SB GRT	SENAG251343.525474.251707.525357.	950	3.3	0.	68.	30.
18	1			EB MUD	BRNAG250316.524710.250487.525156.	1250	3.1	0.	56.	30.
19	1			EB MUD	BRNAG250487.525156.250604.525521.	1250	3.1	0.	56.	30.
20	2			EB MUD	BRNAG250604.525521.250682.525760.	725	3.1	0.	44.	30.
21	1	150		EB MUD	BRNAG250666.525714.250613.525550. 107 4.0 725 33.4 1770 3 3	0.	24.	2		
22	1			EB MUD	BRNAG250607.525468.250660.525632.	200	3.1	0.	32.	30.
23	2			EB MUD	BRNAG250660.525632.250703.525668.	200	3.1	0.	32.	30.
24	1	150		EB MUD	BRNAG250699.525665.250663.525635. 107 4.0 200 33.4 1583 3 3	0.	12.	1		
24	1			EB MUD	BRNAG250703.525668.250817.525668.	200	3.1	0.	32.	30.
26	2			EB MUD	BRNAG250572.525479.250662.525766.	325	3.1	0.	44.	30.
27	1	150		EB MUD	BRNAG250648.525722.250587.525526. 133 4.0 325 33.4 1717 3 3	0.	24.	2		
28	1			EB MUD	BRNAG250683.525760.250790.526082.	1300	3.1	0.	44.	30.
29	1			EB MUD	BRNAG250790.526082.250943.526588.	1300	3.1	0.	44.	30.
30	1			EB MUD	BRNAG250943.526588.251034.526857.	1300	3.1	0.	44.	30.
31	1			WB MUD	BRNAG250963.526877.250887.526612.	1600	3.1	0.	44.	30.
32	1			WB MUD	BRNAG250887.526612.250763.526237.	1600	3.1	0.	56.	30.
33	2			WB MUD	BRNAG250763.526237.250636.525813.	825	3.1	0.	44.	30.
33	1	150		WB MUD	BRNAG250654.525874.250725.526110. 111 4.0 825 33.4 1770 3 3	0.	24.	2		

S1B215PM.DAT

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:24:08.84

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2750.	3.3	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2750.	3.3	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2500.	3.3	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252355.9	525108.7	*	1801.	112. AG	145. 100.0	.0	36.0	1.18	91.5
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	250.	3.3	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250773.1	525741.7	*	91.	114. AG	153. 100.0	.0	24.0	.68	4.6
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	3275.	3.3	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	3275.	3.3	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	3275.	3.3	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1275.	3.3	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	900.	3.3	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250483.0	525854.5	*	118.	303. AG	129. 100.0	.0	36.0	.38	6.0
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	375.	3.3	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	249621.1	526406.0	*	1137.	301. AG	71. 100.0	.0	12.0	1.27	57.8
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	950.	3.3	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	950.	3.3	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	950.	3.3	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1250.	3.1	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1250.	3.1	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	725.	3.1	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250596.3	525498.5	*	226.	198. AG	128. 100.0	.0	24.0	.83	11.5
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	200.	3.1	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	200.	3.1	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250609.1	525590.1	*	117.	230. AG	64. 100.0	.0	12.0	.51	5.9
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	200.	3.1	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	325.	3.1	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250483.8	525194.4	*	553.	197. AG	159. 100.0	.0	24.0	1.30	28.1
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1300.	3.1	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	525688.0	*	529.	17. AG	1300.	3.1	.0	44.0	
30. 30	EB MUD BRN*	250943.0	525688.0	251034.0	526857.0	*	284.	19. AG	1300.	3.1	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1600.	3.1	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1600.	3.1	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	825.	3.1	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250820.4	526427.2	*	578.	17. AG	133. 100.0	.0	24.0	1.06	29.3
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	125.	3.1	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250689.7	525922.9	*	56.	16. AG	164. 100.0	.0	24.0	.77	2.9
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	650.	3.1	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	650.	3.1	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	252799.8	528702.3	*	3536.	38. AG	66. 100.0	.0	12.0	1.87	179.6
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	650.	3.1	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1450.	3.1	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1450.	3.1	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1450.	3.1	.0	44.0	

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA
DATE: 12/23/2006 TIME: 23:24:08.84

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	81	4.0	2500	1675	33.40	3	3
6. 6	NB GRT SEN*	150	128	4.0	250	1717	33.40	3	3
12. 12	SB GRT SEN*	150	72	4.0	900	1667	33.40	3	3
14. 14	SB GRT SEN*	150	119	4.0	375	1770	33.40	3	3
21. 21	EB MUD BRN*	150	107	4.0	725	1770	33.40	3	3
24. 24	EB MUD BRN*	150	107	4.0	200	1583	33.40	3	3
27. 27	EB MUD BRN*	150	133	4.0	325	1717	33.40	3	3
34. 33	WB MUD BRN*	150	111	4.0	825	1770	33.40	3	3
36. 36	WB MUD BRN*	150	137	4.0	125	1717	33.40	3	3
39. 39	WB MUD BRN*	150	111	4.0	650	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B215PM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.6	.2	.2
5.	*	.0	.0	.1	.3	.5	.4	.5	.0	.0	.1	.0	.0	.0	.0	.4	.4	.6	.7	.3	.4
10.	*	.0	.0	.0	.3	.4	.4	.5	.0	.1	.2	.1	.0	.0	.0	.4	.4	.7	.6	.4	.4
15.	*	.0	.0	.0	.3	.4	.4	.6	.1	.2	.3	.1	.0	.0	.0	.4	.4	.7	.7	.4	.4
20.	*	.0	.0	.1	.1	.3	.3	.6	.2	.3	.4	.2	.0	.0	.0	.4	.4	.8	.8	.5	.5
25.	*	.0	.0	.1	.1	.2	.2	.7	.2	.5	.6	.3	.1	.0	.0	.4	.4	.8	.8	.5	.5
30.	*	.0	.0	.0	.1	.1	.1	.7	.3	.6	.7	.6	.1	.0	.0	.4	.5	.9	.9	.5	.5
35.	*	.0	.0	.0	.1	.1	.1	.7	.4	.8	.8	.7	.2	.0	.0	.4	.6	1.0	.9	.5	.6
40.	*	.0	.0	.0	.0	.1	.1	.7	.5	.7	.9	.8	.2	.1	.0	.4	.6	1.1	.8	.7	.5
45.	*	.0	.0	.0	.0	.0	.0	.7	.6	.7	.9	.8	.2	.2	.0	.4	.5	.9	.7	.8	.5
50.	*	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.8	.2	.2	.0	.4	.5	.9	.5	.8	.6
55.	*	.0	.0	.0	.0	.0	.0	.5	.7	.7	.7	.8	.2	.2	.0	.4	.6	.9	.5	.7	.6
60.	*	.0	.0	.0	.0	.0	.0	.5	.6	.7	.7	.8	.2	.2	.0	.5	.7	1.0	.6	.9	.8
65.	*	.0	.0	.0	.0	.0	.0	.4	.6	.7	.7	.7	.2	.2	.0	.5	.7	1.0	.7	1.0	.8
70.	*	.0	.0	.0	.0	.0	.0	.4	.6	.6	.7	.7	.2	.2	.0	.5	.6	.8	.6	1.0	.8
75.	*	.0	.0	.0	.0	.0	.0	.3	.6	.6	.8	.7	.2	.2	.1	.5	.6	.8	.6	.9	.9
80.	*	.1	.0	.0	.0	.0	.0	.3	.6	.6	.7	.7	.2	.1	.1	.5	.6	.9	.8	.9	.7
85.	*	.1	.0	.0	.0	.0	.0	.2	.6	.6	.7	.8	.2	.1	.1	.5	.5	.8	.7	.7	.8
90.	*	.1	.0	.0	.0	.0	.0	.2	.6	.6	.7	.7	.2	.1	.1	.4	.8	.8	.8	.7	.8
95.	*	.3	.1	.1	.0	.0	.0	.2	.5	.6	.7	.8	.2	.1	.2	.4	.8	.9	.8	.6	.7
100.	*	.4	.3	.2	.1	.0	.0	.2	.5	.6	.7	.8	.2	.1	.2	.4	.9	.9	.7	.7	.8
105.	*	.6	.5	.3	.1	.0	.0	.2	.5	.6	.7	.8	.2	.2	.2	.5	.9	.9	.8	.7	.8
110.	*	.8	.8	.5	.3	.1	.0	.2	.5	.7	.8	1.0	.6	.3	.3	.5	.8	.9	.7	.7	.8
115.	*	.9	.9	.7	.5	.1	.1	.2	.5	.8	.8	1.2	.6	.6	.3	.4	.6	.7	.5	.6	.8
120.	*	1.0	1.1	.8	.4	.2	.1	.2	.5	.8	.8	1.2	.6	.5	.4	.4	.5	.6	.5	.5	.6
125.	*	1.0	1.0	.8	.6	.2	.1	.2	.5	.8	.9	1.2	.5	.6	.5	.1	.5	.5	.4	.5	.6
130.	*	1.0	.9	.8	.6	.3	.1	.3	.6	.8	1.0	.8	.5	.6	.1	.3	.3	.4	.4	.4	.6
135.	*	.9	1.0	.8	.5	.3	.1	.3	.6	.8	1.0	1.0	.7	.6	.6	.1	.2	.3	.4	.4	.6
140.	*	1.0	.9	.8	.5	.3	.1	.3	.6	.8	1.1	1.0	.6	.6	.6	.1	.2	.3	.5	.5	.7
145.	*	.9	.9	.7	.5	.3	.2	.3	.6	.9	1.1	1.0	.6	.6	.7	.1	.2	.3	.5	.6	.7
150.	*	.9	.9	.7	.5	.3	.2	.3	.6	.9	1.0	.8	.5	.8	.7	.1	.2	.3	.5	.7	.7
155.	*	.8	.9	.7	.5	.3	.2	.3	.5	.9	1.1	.7	.7	.9	.7	.1	.1	.4	.5	.7	.7
160.	*	.8	.7	.7	.6	.3	.2	.3	.5	.9	1.1	.5	.8	.7	.6	.0	.1	.4	.7	.6	.6
165.	*	.8	.7	.6	.6	.3	.2	.3	.5	.9	1.0	.5	.8	.7	.6	.0	.1	.4	.6	.6	.6
170.	*	.8	.7	.6	.6	.3	.2	.3	.7	.9	1.0	.5	.8	.7	.6	.0	.1	.1	.6	.7	.6
175.	*	.8	.6	.6	.6	.4	.2	.4	.7	.9	1.0	.6	.6	.6	.6	.0	.1	.1	.6	.7	.7
180.	*	.8	.6	.6	.7	.4	.2	.4	.5	.8	.9	.7	.7	.5	.6	.0	.1	.1	.6	.7	.6
185.	*	.8	.6	.6	.7	.3	.2	.4	.5	.8	.9	.7	.7	.4	.5	.0	.0	.1	.4	.6	.6
190.	*	.8	.6	.6	.8	.6	.5	.6	.4	.7	.6	.6	.7	.4	.5	.0	.0	.1	.3	.4	.5
195.	*	.8	.6	.6	.9	.6	.6	.6	.3	.4	.4	.6	.5	.4	.5	.0	.0	.0	.2	.3	.4
200.	*	.8	.7	.6	1.0	.7	.6	.8	.1	.3	.4	.5	.5	.4	.5	.0	.0	.0	.2	.3	.3
205.	*	.8	.7	.7	1.0	.7	.6	1.0	.1	.2	.3	.4	.5	.4	.5	.0	.0	.0	.2	.2	.1

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.8	.6	.8	.9	.8	.4	1.1	.0	.2	.2	.5	.5	.4	.6	.0	.0	.0	.0	.1	.1
215.	*	.8	.7	.9	1.0	.7	.4	.9	.0	.1	.2	.5	.4	.4	.6	.0	.0	.0	.0	.0	.0
220.	*	.8	.7	1.0	1.0	.6	.5	1.0	.1	.1	.2	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
225.	*	.8	.7	1.0	.9	.4	.5	1.0	.1	.1	.3	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
230.	*	.8	.8	1.1	.8	.4	.5	.9	.1	.1	.3	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
235.	*	.8	.9	1.0	.8	.4	.5	.9	.1	.1	.1	.6	.4	.4	.5	.0	.0	.0	.0	.0	.0
240.	*	1.0	.9	1.0	.5	.6	.5	.9	.1	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
245.	*	1.0	.9	1.1	.5	.5	.4	.7	.1	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.9	1.0	1.0	.4	.6	.4	.6	.0	.1	.1	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
255.	*	.9	1.1	1.0	.4	.6	.5	.6	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0
260.	*	1.0	1.1	.9	.4	.6	.5	.5	.0	.1	.2	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0
265.	*	1.0	1.0	.9	.4	.7	.5	.5	.0	.1	.2	.4	.5	.6	.6	.0	.0	.0	.0	.0	.0
270.	*	.9	.9	.9	.5	.6	.5	.5	.0	.1	.2	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
275.	*	1.0	.8	.8	.6	.6	.5	.4	.0	.1	.2	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
280.	*	1.0	.9	.8	.6	.6	.5	.4	.0	.1	.2	.3	.6	.7	.7	.0	.0	.0	.0	.0	.0
285.	*	.8	1.0	.7	.6	.7	.5	.4	.0	.0	.1	.4	.7	.7	.8	.0	.0	.0	.0	.0	.0
290.	*	.7	.8	.6	.6	.5	.4	.5	.0	.0	.1	.3	.7	.7	.7	.1	.0	.0	.0	.0	.0
295.	*	.5	.7	.6	.6	.5	.4	.5	.0	.0	.1	.3	.7	.7	.7	.2	.0	.0	.0	.0	.0
300.	*	.4	.3	.7	.5	.5	.4	.5	.0	.0	.0	.1	.6	.6	.5	.2	.2	.3	.3	.0	.0
305.	*	.3	.4	.3	.4	.4	.4	.5	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.4	.0	.0
310.	*	.1	.1	.4	.4	.4	.4	.5	.0	.0	.0	.1	.2	.2	.3	.4	.5	.5	.5	.0	.1
315.	*	.1	.1	.3	.3	.4	.4	.5	.0	.0	.0	.0	.1	.1	.2	.4	.5	.5	.5	.0	.2
320.	*	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.1	.1	.1	.5	.4	.5	.7	.0	.2
325.	*	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.1	.5	.4	.6	.7	.2	.2
330.	*	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.1	.5	.4	.6	.7	.2	.3
335.	*	.0	.1	.2	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.7	.7	.1	.3
340.	*	.0	.1	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.7	.7	.1	.3
345.	*	.0	.1	.1	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.7	.1	.3
350.	*	.0	.1	.1	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.7	.2	.4
355.	*	.0	.1	.1	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.6	.2	.3

360.	*	.0	.0	.1	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.6	.2	.2
MAX	*	1.0	1.1	1.1	1.0	.8	.6	1.1	.7	.9	1.1	1.2	.8	.9	.8	.5	.9	1.1	.9	1.0	.9
DEGR.	*	120	120	230	200	210	195	210	50	145	140	115	130	155	285	60	100	40	30	65	75

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.5	.8	.7	.6	.6	.4	.4
5.	*	.1	.5	.8	.7	.6	.5	.3	.4
10.	*	.1	.5	.6	.8	.6	.4	.4	.4
15.	*	.4	.4	.6	.6	.8	.4	.4	.4
20.	*	.6	.2	.5	.7	.6	.4	.4	.4
25.	*	.7	.2	.3	.5	.6	.4	.4	.4
30.	*	.5	.1	.2	.3	.5	.4	.4	.4
35.	*	.6	.1	.2	.3	.5	.4	.4	.4
40.	*	.7	.1	.2	.2	.5	.4	.4	.4
45.	*	.8	.1	.2	.2	.4	.4	.4	.4
50.	*	.8	.1	.2	.2	.4	.4	.4	.4
55.	*	.7	.1	.2	.2	.4	.4	.4	.5
60.	*	.7	.1	.2	.2	.4	.4	.4	.5
65.	*	.7	.1	.1	.2	.4	.4	.4	.5
70.	*	.6	.1	.1	.2	.4	.4	.4	.4
75.	*	.6	.1	.1	.2	.4	.4	.5	.4
80.	*	.6	.1	.1	.1	.4	.4	.5	.4
85.	*	.5	.1	.1	.1	.4	.5	.4	.4
90.	*	.5	.1	.1	.1	.4	.6	.5	.4
95.	*	.5	.0	.1	.1	.3	.5	.5	.5
100.	*	.5	.0	.1	.1	.4	.4	.4	.4
105.	*	.5	.0	.1	.1	.3	.4	.4	.4
110.	*	.5	.0	.0	.1	.1	.3	.2	.3
115.	*	.5	.0	.0	.0	.1	.2	.2	.2
120.	*	.4	.0	.0	.0	.0	.1	.1	.1
125.	*	.4	.0	.0	.0	.0	.0	.0	.0
130.	*	.4	.0	.0	.0	.0	.0	.0	.0
135.	*	.5	.0	.0	.0	.0	.0	.0	.0
140.	*	.5	.0	.0	.0	.0	.0	.0	.0
145.	*	.5	.0	.0	.0	.0	.0	.0	.0
150.	*	.5	.0	.0	.0	.0	.0	.0	.0
155.	*	.5	.0	.0	.0	.0	.0	.0	.0
160.	*	.5	.0	.0	.0	.0	.0	.0	.0
165.	*	.5	.0	.0	.0	.0	.0	.0	.0
170.	*	.5	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.2	.1	.0	.0	.0	.0
195.	*	.3	.0	.2	.2	.1	.0	.0	.0
200.	*	.3	.1	.3	.4	.1	.0	.0	.0
205.	*	.1	.2	.3	.4	.4	.0	.0	.0

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.3	.5	.5	.4	.1	.0	.0
215.	*	.1	.4	.6	.7	.4	.1	.0	.0
220.	*	.0	.3	.6	.7	.6	.1	.1	.0
225.	*	.0	.4	.6	.9	.6	.1	.1	.0
230.	*	.0	.3	.5	.8	.6	.1	.1	.0
235.	*	.0	.3	.5	.7	.6	.2	.1	.0
240.	*	.0	.4	.6	.7	.6	.2	.1	.0
245.	*	.0	.5	.6	.7	.7	.2	.1	.0
250.	*	.0	.5	.6	.7	.7	.2	.2	.1
255.	*	.0	.5	.6	.8	.7	.2	.2	.1
260.	*	.0	.5	.7	.8	.7	.2	.2	.1
265.	*	.0	.5	.6	.8	.7	.3	.2	.1
270.	*	.0	.5	.6	.8	.7	.3	.2	.1
275.	*	.0	.5	.6	.8	.7	.3	.2	.1
280.	*	.0	.5	.7	.9	.7	.2	.2	.1
285.	*	.0	.5	.7	.9	.7	.2	.2	.2
290.	*	.0	.5	.8	.9	.7	.2	.2	.1
295.	*	.0	.5	.8	.9	.7	.2	.3	.3
300.	*	.0	.5	.7	.9	.8	.5	.2	.3
305.	*	.0	.5	.7	.9	1.0	.5	.3	.4
310.	*	.0	.5	.7	.9	.9	.4	.7	.4
315.	*	.0	.5	.8	1.1	.8	.5	.6	.4
320.	*	.0	.5	.8	1.1	.8	.6	.4	.4
325.	*	.0	.5	.9	1.2	.7	.5	.4	.4
330.	*	.0	.5	.9	1.2	.6	.6	.6	.4
335.	*	.0	.5	.9	1.1	.4	.5	.6	.4
340.	*	.0	.5	.9	1.2	.5	.6	.5	.5
345.	*	.0	.5	.8	1.0	.5	.6	.5	.5
350.	*	.0	.4	.8	.9	.7	.6	.5	.4
355.	*	.0	.4	1.0	.9	.6	.6	.5	.4
360.	*	.1	.5	.8	.7	.6	.6	.4	.4

```

-----*-----
MAX *      .8      .5      1.0      1.2      1.0      .6      .7      .5
DEGR. *    45      0      355      325      305      0      310      55

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 325 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 115 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 40 DEGREES FROM REC17.

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:24:08.84

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 120	REC3 230	REC4 200	REC5 210	REC6 195	REC7 210	REC8 50	REC9 145	REC10 140	REC11 115	REC12 130	REC13 155	REC14 285	REC15 60	REC16 100	REC17 40	REC18 30	REC19 65	REC20 75
1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.1
4	.5	.6	.4	.3	.1	.1	.0	.0	.1	.2	.2	.2	.0	.0	.0	.2	.0	.0	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.2	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.4	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.2
28	.0	.0	.0	.0	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.1	.0	.2	.2	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.6	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B215 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/23/2006 TIME: 23:24:08.84

RUN: S1 B215 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 45	REC22 0	REC23 355	REC24 325	REC25 305	REC26 0	REC27 310	REC28 55
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.1	.0	.0	.0	.0	.2	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.0
7	.0	.0	.1	.0	.0	.0	.1	.0
8	.0	.0	.0	.1	.1	.0	.1	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.1	.0	.1	.0
15	.0	.0	.0	.0	.0	.1	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.3	.3	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.1	.1	.0	.0
42	*	.2	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B215PM.OUT

REC	28	400	SW	CORNE	251087	525523	5
SL	NB30	AM	MUDDY	BRANCH	& GRT	SENECA	43 1 1
1	1						
1	1						
2	1						
3	2						
4	1						
5	2						
6	1						
7	1						
8	1						
9	1						
10	1						
11	2						
12	1						
13	1						
14	1						
15	1						
16	1						
17	1						
18	1						
19	1						
20	1						
21	2						
22	1						
23	1						
24	2						
25	1						
26	1						
27	2						
28	1						
29	1						
30	1						
31	1						
32	1						
33	2						
34	1						

S1NB30AM.DAT

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA
DATE: 12/18/2006 TIME: 11:07:27.22

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	675.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	675.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	525.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250802.8	525748.9	*	121.	112. AG	190.	100.0	.0	36.0	.72 6.1
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	175.	2.9	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250968.8	525656.3	*	304.	114. AG	144.	100.0	.0	24.0	1.28 15.5
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	525.	2.9	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	825.	2.9	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	825.	2.9	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3300.	2.9	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	3125.	2.9	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	249651.3	526396.1	*	1111.	303. AG	87.	100.0	.0	36.0	1.07 56.4
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	175.	2.9	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250532.3	525848.0	*	69.	301. AG	37.	100.0	.0	12.0	.21 3.5
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	3125.	2.9	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3500.	2.9	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3500.	2.9	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1200.	2.7	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1200.	2.7	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	600.	2.7	.0	56.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250628.3	525597.4	*	122.	198. AG	175.	100.0	.0	36.0	.53 6.2
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	400.	2.7	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	400.	2.7	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249953.2	525043.5	*	971.	230. AG	58.	100.0	.0	12.0	1.19 49.3
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	400.	2.7	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	200.	2.7	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250619.5	525630.4	*	96.	197. AG	139.	100.0	.0	24.0	.88 4.9
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	850.	2.7	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	850.	2.7	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	850.	2.7	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	875.	2.7	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	875.	2.7	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	550.	2.7	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250707.2	526050.7	*	185.	17. AG	120.	100.0	.0	24.0	.80 9.4
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	150.	2.7	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250721.5	526032.1	*	170.	16. AG	144.	100.0	.0	24.0	1.10 8.6
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	175.	2.7	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	175.	2.7	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250691.7	526001.7	*	110.	38. AG	60.	100.0	.0	12.0	.57 5.6
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	175.	2.7	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	875.	2.7	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	875.	2.7	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	875.	2.7	.0	44.0	

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA
DATE: 12/18/2006 TIME: 11:07:27.22

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	122	4.0	525	1659	29.10	3	3
6. 6	NB GRT SEN*	150	138	4.0	175	1717	29.10	3	3
12. 12	SB GRT SEN*	150	56	4.0	3125	1667	29.10	3	3
14. 14	SB GRT SEN*	150	72	4.0	175	1770	29.10	3	3
21. 21	EB MUD BRN*	150	112	4.0	600	1770	29.10	3	3
24. 24	EB MUD BRN*	150	112	4.0	400	1583	29.10	3	3
27. 27	EB MUD BRN*	150	134	4.0	200	1717	29.10	3	3
34. 33	WB MUD BRN*	150	115	4.0	550	1770	29.10	3	3
36. 36	WB MUD BRN*	150	138	4.0	150	1717	29.10	3	3
39. 39	WB MUD BRN*	150	115	4.0	175	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1NB30AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.2	.2
5.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.2	.2
10.	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.2	.2
15.	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.6	.2	.4
20.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.6	.3	.4
25.	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.5	.5	.5	.5	.3	.4
30.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.5	.5	.5	.5	.3	.5
35.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.5	.5	.6	.5	.5	.4
40.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.4	.0	.0	.0	.5	.5	.7	.6	.6	.3
45.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.0	.0	.0	.5	.5	.7	.5	.7	.4
50.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.0	.0	.0	.5	.5	.7	.5	.7	.5
55.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.6	.0	.0	.0	.5	.7	.7	.4	.7	.6
60.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.6	.1	.0	.0	.5	.7	.7	.5	.7	.6
65.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.6	.2	.0	.0	.5	.7	.7	.6	.7	.7
70.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.6	.2	.0	.0	.6	.7	.7	.6	.7	.8
75.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.6	.2	.0	.0	.6	.8	.6	.7	.7	.8
80.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.1	.0	.6	.7	.7	.8	.7	.8
85.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	.6	.6	.7	.9	.4	.7
90.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	.7	.6	.7	.8	.4	.9
95.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	.7	.8	.8	.8	.4	.9
100.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	1.0	.8	.8	.9	.3	.8
105.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	.8	.9	.8	1.0	.2	.8
110.	.2	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	.2	.2	.0	.7	.9	.8	.9	.2	.7
115.	.2	.1	.2	.1	.0	.0	.0	.1	.1	.6	.6	.4	.2	.1	.7	.9	.7	.8	.2	.5
120.	.3	.1	.2	.2	.0	.0	.0	.1	.2	.6	.7	.5	.2	.1	.6	.7	.7	.7	.2	.5
125.	.3	.3	.3	.2	.1	.0	.0	.1	.2	.6	.8	.3	.3	.1	.4	.5	.5	.5	.2	.5
130.	.3	.4	.4	.2	.1	.0	.0	.1	.2	.7	.7	.4	.4	.3	.3	.3	.4	.6	.2	.5
135.	.3	.4	.5	.4	.1	.1	.0	.1	.3	.8	.8	.3	.4	.3	.2	.2	.3	.5	.2	.3
140.	.3	.5	.4	.4	.2	.1	.0	.1	.5	.9	.7	.3	.3	.3	.0	.1	.2	.5	.2	.3
145.	.3	.5	.5	.6	.2	.1	.0	.1	.6	.9	.6	.3	.4	.3	.0	.1	.2	.5	.2	.3
150.	.3	.5	.5	.6	.2	.1	.0	.0	.5	.9	.5	.3	.4	.4	.0	.0	.2	.5	.2	.3
155.	.3	.5	.5	.5	.2	.2	.0	.0	.7	.9	.5	.3	.4	.4	.0	.0	.1	.4	.3	.2
160.	.3	.6	.5	.6	.2	.2	.0	.0	.7	.9	.5	.3	.3	.4	.0	.0	.0	.4	.3	.2
165.	.3	.4	.5	.6	.3	.1	.0	.0	.8	.9	.2	.3	.3	.3	.0	.0	.0	.3	.3	.2
170.	.3	.4	.3	.6	.3	.1	.0	.0	.8	.8	.3	.2	.3	.3	.0	.0	.0	.3	.3	.2
175.	.3	.3	.3	.6	.3	.3	.0	.0	.8	.7	.4	.3	.3	.3	.0	.0	.0	.2	.3	.2
180.	.3	.3	.4	.6	.4	.3	.0	.1	.5	.6	.3	.3	.3	.3	.0	.0	.0	.1	.3	.2
185.	.3	.3	.4	.6	.4	.3	.1	.2	.4	.4	.2	.3	.3	.3	.0	.0	.0	.1	.3	.2
190.	.3	.4	.4	.6	.4	.3	.0	.2	.3	.4	.1	.3	.3	.3	.0	.0	.0	.1	.3	.2
195.	.3	.4	.5	.7	.5	.5	.1	.2	.2	.3	.2	.3	.3	.3	.0	.0	.0	.1	.3	.2
200.	.3	.3	.5	.7	.6	.5	.2	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.1	.3	.2
205.	.3	.3	.6	.9	.5	.4	.3	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.1	.2

1

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.3	.6	.9	.6	.4	.3	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.1	.1	.1
215.	.3	.3	.8	.9	.4	.2	.3	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.1
220.	.3	.3	.9	.8	.2	.3	.3	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.1
225.	.3	.4	.9	.8	.1	.4	.2	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.1
230.	.3	.5	1.1	.7	.3	.5	.1	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.0
235.	.3	.6	1.1	.5	.3	.5	.1	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.0
240.	.3	.6	1.0	.5	.3	.6	.1	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
245.	.3	.7	1.0	.3	.5	.6	.1	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
250.	.3	.7	1.0	.3	.6	.6	.1	.0	.1	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0
255.	.3	.8	.8	.4	.6	.7	.1	.0	.1	.2	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
260.	.2	.7	.9	.3	.6	.6	.1	.0	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
265.	.3	.8	.9	.3	.6	.5	.1	.0	.2	.2	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
270.	.3	.7	.8	.3	.6	.6	.1	.0	.2	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
275.	.4	.8	.6	.3	.7	.6	.1	.0	.2	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
280.	.4	.9	.6	.3	.6	.6	.1	.0	.2	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
285.	.4	.6	.4	.5	.6	.6	.1	.0	.1	.2	.3	.3	.4	.4	.1	.0	.1	.0	.0	.0
290.	.3	.6	.4	.6	.6	.3	.1	.0	.0	.2	.3	.3	.4	.3	.2	.3	.3	.2	.0	.0
295.	.2	.4	.4	.5	.5	.3	.1	.0	.0	.0	.2	.3	.3	.3	.3	.3	.3	.3	.0	.0
300.	.1	.2	.3	.5	.4	.3	.1	.0	.0	.0	.2	.3	.3	.3	.5	.5	.5	.5	.0	.0
305.	.0	.3	.2	.3	.4	.3	.1	.0	.0	.0	.0	.3	.2	.1	.6	.7	.7	.7	.0	.2
310.	.0	.2	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.7	.2	.2
315.	.0	.2	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.8	.2	.3
320.	.0	.2	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	.7	.9	.8	.2	.3
325.	.0	.1	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.7	.2	.3
330.	.0	.0	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.7	.3	.2
335.	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.7	.6	.2	.2
340.	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.2	.2
345.	.0	.0	.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
350.	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2
355.	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.2	.2

																		S1NB30AM.OUT											
360.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.2	.2								
MAX	*	.4	.9	1.1	.9	.7	.7	.3	.2	.8	.9	.8	.5	.4	.4	.8	1.0	.9	1.0	.7	.9								
DEGR.	*	275	280	230	205	275	255	205	185	165	140	135	120	130	150	105	100	315	105	45	90								

1

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.1	.6	1.0	.6	.6	.5	.3
5.	*	.1	.1	.7	1.0	.6	.5	.4	.3
10.	*	.2	.2	.8	.8	.6	.5	.5	.3
15.	*	.2	.2	.6	.6	.5	.5	.5	.3
20.	*	.2	.0	.4	.5	.6	.4	.5	.3
25.	*	.3	.0	.4	.5	.6	.5	.5	.3
30.	*	.3	.0	.3	.3	.6	.5	.5	.3
35.	*	.3	.0	.3	.3	.6	.4	.5	.3
40.	*	.2	.0	.2	.3	.5	.4	.5	.3
45.	*	.2	.0	.2	.3	.5	.4	.5	.3
50.	*	.1	.0	.2	.2	.5	.4	.4	.3
55.	*	.2	.1	.2	.2	.6	.4	.4	.3
60.	*	.2	.1	.2	.2	.5	.4	.4	.3
65.	*	.2	.1	.1	.2	.5	.5	.4	.3
70.	*	.3	.0	.1	.3	.5	.5	.4	.4
75.	*	.3	.0	.1	.3	.5	.4	.4	.4
80.	*	.2	.0	.1	.1	.5	.4	.4	.4
85.	*	.2	.0	.1	.1	.4	.5	.4	.4
90.	*	.2	.0	.1	.1	.4	.5	.4	.5
95.	*	.2	.0	.1	.1	.4	.4	.4	.5
100.	*	.2	.0	.0	.1	.3	.4	.4	.5
105.	*	.2	.0	.0	.1	.3	.4	.4	.4
110.	*	.2	.0	.0	.0	.1	.3	.3	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.1	.1	.1
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.0	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.1	.0	.0	.0	.0
200.	*	.1	.0	.1	.1	.0	.0	.0	.0
205.	*	.1	.2	.1	.2	.0	.0	.0	.0

1

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.2	.1	.2	.0	.0	.0	.0
215.	*	.0	.1	.1	.2	.1	.0	.0	.0
220.	*	.0	.1	.1	.2	.2	.0	.0	.0
225.	*	.0	.1	.1	.3	.3	.0	.0	.0
230.	*	.0	.1	.1	.2	.4	.0	.0	.0
235.	*	.0	.1	.2	.2	.4	.1	.0	.0
240.	*	.1	.1	.2	.1	.4	.1	.0	.0
245.	*	.1	.1	.2	.1	.6	.1	.0	.0
250.	*	.1	.1	.2	.1	.6	.2	.1	.0
255.	*	.1	.1	.2	.1	.6	.2	.1	.0
260.	*	.1	.1	.2	.1	.6	.2	.1	.0
265.	*	.1	.1	.2	.1	.6	.2	.1	.0
270.	*	.1	.1	.2	.1	.7	.4	.1	.1
275.	*	.1	.1	.2	.1	.7	.4	.1	.1
280.	*	.1	.1	.2	.2	.7	.3	.1	.1
285.	*	.1	.1	.2	.2	.7	.3	.3	.2
290.	*	.1	.1	.2	.2	.7	.4	.3	.5
295.	*	.1	.1	.1	.3	.9	.5	.6	.6
300.	*	.1	.1	.1	.3	1.0	.7	.5	.7
305.	*	.1	.1	.1	.6	.9	.6	.7	.8
310.	*	.1	.1	.1	.7	.9	.7	.7	.5
315.	*	.1	.1	.3	.9	.9	.7	.7	.5
320.	*	.1	.1	.3	.9	.7	.7	.5	.5
325.	*	.1	.1	.3	.9	.7	.5	.6	.5
330.	*	.1	.1	.3	1.0	.7	.6	.7	.4
335.	*	.1	.1	.5	1.1	.5	.9	.8	.3
340.	*	.1	.1	.6	1.1	.3	.9	.6	.3
345.	*	.1	.1	.6	1.0	.7	.9	.6	.3
350.	*	.1	.1	.7	1.1	.6	.8	.5	.3
355.	*	.1	.1	.6	.9	.6	.7	.5	.3
360.	*	.1	.1	.6	1.0	.6	.6	.5	.3

```

-----*-----
MAX * .3 .2 .8 1.1 1.0 .9 .8 .8
DEGR. * 25 10 10 335 300 335 335 305

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 230 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 335 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 105 DEGREES FROM REC18.

1

PAGE 7

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/18/2006 TIME: 11:07:27.22

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 275	REC2 280	REC3 230	REC4 205	REC5 275	REC6 255	REC7 205	REC8 185	REC9 165	REC10 140	REC11 135	REC12 120	REC13 130	REC14 150	REC15 105	REC16 100	REC17 315	REC18 105	REC19 45	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.3	.5	.3	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.2	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.1	.0	.0	.0
11	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.1	.0	.0
12	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.0	.3	.1	.1
16	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.2	.2	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

JOB: S1 NB30 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/18/2006 TIME: 11:07:27.22

RUN: S1 NB30 AM MUDDY BRANCH & GRT SENECA

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 10	REC23 10	REC24 335	REC25 300	REC26 335	REC27 335	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.2	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.2	.1
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.1
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.3	.3	.1
16	.0	.0	.0	.0	.0	.0	.1	.4
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.2	.5	.3	.0	.0	.0
22	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.2	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.2	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.1	.1	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1NB30AM.OUT

REC	28	400	SW	CORNE	251087	525523	5			
SL	NB30	PM	MUDDY	BRANCH	&	GRT	SENECA	43	1	1
1	1									
1	1									
2	1									
3	1									
4	2									
5	1									
6	2									
7	1									
8	1									
9	1									
10	1									
11	2									
12	2									
13	1									
14	1									
15	1									
16	1									
17	1									
18	1									
19	1									
20	1									
21	2									
22	1									
23	1									
24	2									
25	1									
26	1									
27	2									
28	1									
29	1									
30	1									
31	1									
32	1									
33	2									
34	1									
35	1									
36	1									
37	1									
38	1									
39	1									
40	1									
41	1									
42	1									
43	1									
44	1									
45	1									
46	1									
47	1									
48	1									
49	1									
50	1									
51	1									
52	1									
53	1									
54	1									
55	1									
56	1									
57	1									
58	1									
59	1									
60	1									
61	1									
62	1									
63	1									
64	1									
65	1									
66	1									
67	1									
68	1									
69	1									
70	1									
71	1									

S1NB30PM.DAT

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA
DATE: 12/18/2006 TIME: 11:08:00.28

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2725.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2725.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2475.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252278.5	525140.7	*	1717.	112. AG	126. 100.0	.0	36.0	1.17	87.2
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	175. 2.9	.0	44.0		
6. 6	NB GRT SEN*	250690.0	525778.0	250968.8	525656.3	*	304.	114. AG	144. 100.0	.0	24.0	1.28	15.5
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	2475. 2.9	.0	68.0		
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	3300. 2.9	.0	56.0		
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	3300. 2.9	.0	56.0		
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1275. 2.9	.0	56.0		
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	900. 2.9	.0	56.0		
12. 12	SB GRT SEN*	250582.0	525790.0	250483.0	525854.5	*	118.	303. AG	112. 100.0	.0	36.0	.38	6.0
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	175. 2.9	.0	32.0		
14. 14	SB GRT SEN*	250591.0	525812.0	250493.9	525871.5	*	114.	301. AG	62. 100.0	.0	12.0	.59	5.8
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	900. 2.9	.0	56.0		
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	800. 2.9	.0	68.0		
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	800. 2.9	.0	68.0		
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1250. 2.7	.0	56.0		
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1250. 2.7	.0	56.0		
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	700. 2.7	.0	44.0		
21. 21	EB MUD BRN*	250666.0	525714.0	250602.0	525515.9	*	208.	198. AG	110. 100.0	.0	24.0	.78	10.6
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	200. 2.7	.0	32.0		
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	200. 2.7	.0	32.0		
24. 24	EB MUD BRN*	250699.0	525665.0	250610.0	525590.8	*	116.	230. AG	55. 100.0	.0	12.0	.50	5.9
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	200. 2.7	.0	32.0		
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	350. 2.7	.0	44.0		
27. 27	EB MUD BRN*	250648.0	525722.0	250441.3	525057.8	*	696.	197. AG	138. 100.0	.0	24.0	1.40	35.3
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1275. 2.7	.0	44.0		
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	1275. 2.7	.0	44.0		
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	1275. 2.7	.0	44.0		
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1600. 2.7	.0	44.0		
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1600. 2.7	.0	56.0		
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	825. 2.7	.0	44.0		
34. 33	WB MUD BRN*	250654.0	525874.0	250820.4	526427.2	*	578.	17. AG	116. 100.0	.0	24.0	1.06	29.3
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	100. 2.7	.0	44.0		
36. 36	WB MUD BRN*	250674.0	525869.0	250686.5	525911.9	*	45.	16. AG	144. 100.0	.0	24.0	.74	2.3
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	675. 2.7	.0	32.0		
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	675. 2.7	.0	32.0		
39. 39	WB MUD BRN*	250624.0	525915.0	252964.6	528913.3	*	3804.	38. AG	58. 100.0	.0	12.0	1.94	193.2
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	675. 2.7	.0	32.0		
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1475. 2.7	.0	44.0		
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1475. 2.7	.0	44.0		
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1475. 2.7	.0	44.0		

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA
DATE: 12/18/2006 TIME: 11:08:00.28

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	81	4.0	2475	1675	29.10	3	3
6. 6	NB GRT SEN*	150	138	4.0	175	1717	29.10	3	3
12. 12	SB GRT SEN*	150	72	4.0	900	1667	29.10	3	3
14. 14	SB GRT SEN*	150	119	4.0	175	1770	29.10	3	3
21. 21	EB MUD BRN*	150	106	4.0	700	1770	29.10	3	3
24. 24	EB MUD BRN*	150	106	4.0	200	1583	29.10	3	3
27. 27	EB MUD BRN*	150	133	4.0	350	1717	29.10	3	3
34. 33	WB MUD BRN*	150	111	4.0	825	1770	29.10	3	3
36. 36	WB MUD BRN*	150	138	4.0	100	1717	29.10	3	3
39. 39	WB MUD BRN*	150	111	4.0	675	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1NB30PM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.1	.2
5.	*	.0	.0	.0	.3	.3	.4	.5	.0	.0	.1	.0	.0	.0	.0	.2	.2	.6	.6	.2	.4
10.	*	.0	.0	.0	.3	.4	.4	.5	.0	.1	.2	.1	.0	.0	.0	.2	.2	.6	.4	.3	.4
15.	*	.0	.0	.0	.2	.4	.3	.5	.1	.3	.1	.0	.0	.0	.0	.2	.2	.6	.4	.2	.3
20.	*	.0	.0	.0	.1	.2	.3	.5	.2	.3	.3	.2	.0	.0	.0	.2	.2	.8	.6	.3	.4
25.	*	.0	.0	.0	.1	.1	.2	.6	.2	.4	.5	.3	.0	.0	.0	.2	.2	.8	.6	.4	.5
30.	*	.0	.0	.0	.1	.1	.1	.6	.2	.5	.6	.3	.1	.0	.0	.2	.2	.8	.7	.5	.4
35.	*	.0	.0	.0	.0	.1	.1	.6	.3	.6	.6	.6	.1	.0	.0	.2	.3	.8	.5	.4	.4
40.	*	.0	.0	.0	.0	.0	.1	.6	.3	.7	.7	.6	.2	.1	.0	.2	.4	.8	.5	.6	.2
45.	*	.0	.0	.0	.0	.0	.0	.6	.4	.7	.7	.5	.2	.2	.0	.2	.4	.8	.5	.8	.5
50.	*	.0	.0	.0	.0	.0	.0	.5	.4	.7	.7	.6	.2	.2	.0	.2	.4	.8	.5	.8	.6
55.	*	.0	.0	.0	.0	.0	.0	.5	.4	.7	.7	.6	.2	.2	.0	.2	.4	.8	.5	.8	.6
60.	*	.0	.0	.0	.0	.0	.0	.4	.4	.6	.7	.6	.2	.2	.0	.2	.6	.7	.5	.8	.7
65.	*	.0	.0	.0	.0	.0	.0	.3	.4	.6	.7	.6	.2	.1	.0	.2	.5	.7	.5	.9	.8
70.	*	.0	.0	.0	.0	.0	.0	.3	.4	.5	.6	.5	.2	.1	.0	.3	.5	.6	.5	.8	.7
75.	*	.0	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.4	.5	.6	.5	.8	.7
80.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.4	.5	.8	.5	.7	.7
85.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.2	.5	.8	.7	.6	.7
90.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.2	.6	.8	.7	.5	.8
95.	*	.3	.1	.0	.0	.0	.0	.2	.3	.5	.6	.6	.1	.1	.0	.2	.9	.8	.7	.5	.7
100.	*	.4	.2	.1	.1	.0	.0	.1	.3	.5	.6	.6	.1	.1	.1	1.0	.7	.7	.5	.5	.5
105.	*	.5	.4	.3	.1	.0	.0	.1	.3	.5	.5	.7	.2	.2	.1	.3	.9	.7	.7	.5	.5
110.	*	.7	.6	.5	.2	.1	.0	.1	.3	.5	.6	.7	.3	.2	.2	.4	.7	.6	.8	.4	.6
115.	*	.8	.8	.8	.3	.1	.1	.1	.3	.5	.7	.7	.7	.3	.3	.3	.7	.6	.6	.4	.5
120.	*	.9	.9	.7	.5	.1	.1	.1	.3	.6	.7	.9	.6	.6	.4	.3	.4	.5	.5	.4	.5
125.	*	.9	1.0	.8	.5	.2	.1	.1	.3	.6	.7	.9	.5	.7	.5	.1	.4	.3	.3	.4	.5
130.	*	.9	.9	1.0	.6	.2	.1	.2	.3	.6	.7	.9	.6	.6	.5	.0	.3	.3	.4	.4	.4
135.	*	.9	.9	.9	.7	.3	.1	.2	.4	.6	.9	.9	.6	.6	.5	.1	.2	.3	.4	.4	.4
140.	*	.7	1.0	.9	.7	.4	.1	.2	.4	.6	.9	.8	.6	.5	.5	.1	.2	.3	.4	.4	.4
145.	*	.7	.9	1.0	.7	.4	.1	.2	.4	.7	.9	.7	.4	.5	.4	.1	.2	.3	.4	.4	.4
150.	*	.7	.9	.9	.7	.4	.2	.2	.5	.9	1.0	.6	.4	.6	.5	.1	.1	.3	.4	.3	.4
155.	*	.7	.9	.9	.7	.3	.3	.2	.5	.9	1.0	.6	.6	.5	.5	.1	.1	.3	.4	.5	.5
160.	*	.7	.9	.8	.6	.3	.3	.3	.5	.9	1.0	.5	.6	.5	.5	.1	.1	.3	.4	.5	.5
165.	*	.6	.9	.8	.6	.3	.3	.3	.5	.9	1.0	.3	.7	.5	.4	.0	.1	.1	.4	.6	.6
170.	*	.5	.9	.7	.6	.3	.3	.3	.5	.8	.9	.3	.6	.5	.4	.0	.1	.1	.4	.6	.6
175.	*	.5	.7	.7	.6	.3	.3	.3	.4	.6	.7	.4	.6	.5	.4	.0	.1	.1	.4	.7	.5
180.	*	.5	.7	.7	.5	.3	.3	.3	.4	.6	.9	.6	.6	.4	.4	.0	.1	.1	.4	.6	.6
185.	*	.5	.7	.7	.5	.3	.3	.5	.5	.6	.6	.6	.6	.3	.4	.0	.0	.1	.3	.4	.4
190.	*	.5	.7	.7	.6	.4	.5	.4	.4	.4	.4	.5	.5	.3	.4	.0	.0	.1	.3	.4	.5
195.	*	.5	.7	.7	.7	.6	.5	.6	.3	.4	.4	.4	.4	.3	.4	.0	.0	.0	.2	.3	.3
200.	*	.5	.7	.8	.8	.6	.5	.6	.1	.3	.3	.4	.4	.3	.4	.0	.0	.0	.2	.3	.3
205.	*	.5	.7	.8	.8	.7	.3	.8	.1	.1	.3	.3	.4	.3	.4	.0	.0	.0	.2	.2	.2

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.5	.8	.8	.8	.6	.3	.8	.0	.0	.2	.3	.4	.3	.4	.0	.0	.0	.0	.1	.1
215.	*	.5	.8	.9	.8	.4	.3	.8	.0	.0	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
220.	*	.5	.8	.9	.8	.3	.3	.8	.0	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
225.	*	.5	.9	.9	.8	.1	.4	.8	.0	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
230.	*	.5	.9	.9	.7	.3	.4	.8	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
235.	*	.6	1.1	.9	.5	.3	.4	.7	.1	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
240.	*	.8	1.1	.9	.4	.4	.2	.7	.0	.1	.1	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
245.	*	.8	1.1	.9	.3	.5	.2	.5	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
250.	*	.8	1.2	.8	.4	.5	.2	.6	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
255.	*	.8	1.2	.7	.4	.5	.4	.4	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
260.	*	.9	1.1	.7	.4	.4	.4	.4	.0	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
265.	*	1.0	1.0	.7	.4	.5	.4	.4	.0	.1	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
270.	*	.9	.9	.6	.3	.4	.4	.4	.0	.1	.1	.2	.4	.5	.5	.0	.0	.0	.0	.0	.0
275.	*	1.0	.9	.7	.3	.4	.4	.4	.0	.1	.1	.2	.4	.5	.5	.0	.0	.0	.0	.0	.0
280.	*	1.0	.8	.7	.3	.3	.4	.3	.0	.1	.1	.2	.4	.5	.6	.0	.0	.0	.0	.0	.0
285.	*	1.0	.7	.5	.4	.3	.4	.3	.0	.0	.1	.2	.5	.5	.6	.0	.0	.0	.0	.0	.0
290.	*	.7	.6	.4	.5	.3	.3	.3	.0	.0	.1	.2	.5	.5	.6	.0	.0	.0	.0	.0	.0
295.	*	.5	.4	.4	.5	.3	.3	.4	.0	.0	.1	.2	.4	.5	.5	.1	.0	.0	.0	.0	.0
300.	*	.4	.3	.1	.4	.2	.3	.4	.0	.0	.0	.1	.3	.4	.4	.1	.1	.1	.2	.0	.0
305.	*	.3	.2	.2	.4	.2	.3	.4	.0	.0	.0	.1	.3	.4	.4	.2	.2	.3	.3	.0	.0
310.	*	.0	.1	.1	.4	.2	.3	.4	.0	.0	.0	.1	.2	.2	.3	.3	.3	.3	.4	.0	.0
315.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.4	.0	.1
320.	*	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.1	.1	.1	.4	.3	.3	.5	.0	.1
325.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1	.4	.2	.5	.6	.1	.1
330.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.6	.1	.2
335.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.6	.1	.2
340.	*	.0	.1	.1	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.7	.1	.2
345.	*	.0	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.7	.1	.2
350.	*	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.6	.2	.2
355.	*	.0	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.1	.1

360.	*	.0	.0	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.1	.2
MAX	*	1.0	1.2	1.0	.8	.7	.5	.8	.5	.9	1.0	.9	.7	.7	.6	.4	1.0	.8	.8	.9	.8
DEGR.	*	265	250	130	225	205	190	205	150	150	120	115	125	280	75	100	20	110	65	65	

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.4	.8	.6	.6	.7	.5	.4
5.	*	.1	.4	.7	.6	.6	.6	.4	.4
10.	*	.1	.4	.6	.7	.6	.6	.5	.4
15.	*	.2	.3	.5	.6	.5	.6	.5	.4
20.	*	.4	.2	.3	.5	.5	.6	.6	.4
25.	*	.4	.1	.3	.4	.5	.6	.6	.4
30.	*	.5	.1	.3	.3	.5	.6	.6	.4
35.	*	.5	.1	.3	.3	.5	.6	.6	.4
40.	*	.5	.1	.3	.3	.5	.6	.5	.4
45.	*	.7	.1	.3	.3	.5	.6	.6	.4
50.	*	.6	.1	.3	.3	.5	.6	.5	.4
55.	*	.6	.1	.2	.3	.5	.6	.5	.4
60.	*	.6	.1	.2	.3	.6	.6	.5	.5
65.	*	.6	.1	.1	.3	.6	.6	.5	.5
70.	*	.5	.1	.1	.3	.6	.6	.5	.4
75.	*	.5	.1	.1	.3	.6	.5	.4	.4
80.	*	.5	.1	.1	.1	.5	.5	.5	.4
85.	*	.5	.1	.1	.1	.5	.5	.4	.4
90.	*	.5	.0	.1	.1	.4	.5	.5	.4
95.	*	.4	.0	.1	.1	.3	.4	.4	.4
100.	*	.4	.0	.1	.1	.2	.4	.4	.4
105.	*	.4	.0	.1	.1	.2	.4	.4	.4
110.	*	.4	.0	.0	.1	.1	.2	.2	.2
115.	*	.4	.0	.0	.0	.1	.1	.1	.1
120.	*	.4	.0	.0	.0	.0	.0	.0	.0
125.	*	.4	.0	.0	.0	.0	.0	.0	.0
130.	*	.4	.0	.0	.0	.0	.0	.0	.0
135.	*	.4	.0	.0	.0	.0	.0	.0	.0
140.	*	.4	.0	.0	.0	.0	.0	.0	.0
145.	*	.4	.0	.0	.0	.0	.0	.0	.0
150.	*	.5	.0	.0	.0	.0	.0	.0	.0
155.	*	.5	.0	.0	.0	.0	.0	.0	.0
160.	*	.5	.0	.0	.0	.0	.0	.0	.0
165.	*	.5	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.2	.1	.0	.0	.0	.0
195.	*	.4	.1	.2	.2	.1	.0	.0	.0
200.	*	.2	.2	.3	.3	.1	.0	.0	.0
205.	*	.1	.3	.3	.4	.2	.1	.0	.0

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.4	.4	.5	.3	.1	.0	.0
215.	*	.1	.5	.4	.6	.3	.1	.0	.0
220.	*	.0	.4	.5	.7	.3	.1	.1	.0
225.	*	.0	.4	.5	.7	.5	.1	.1	.0
230.	*	.0	.4	.5	.6	.5	.1	.1	.0
235.	*	.0	.4	.5	.6	.5	.1	.1	.0
240.	*	.0	.4	.5	.6	.6	.2	.1	.0
245.	*	.0	.4	.5	.7	.6	.2	.1	.1
250.	*	.0	.3	.5	.6	.6	.2	.1	.1
255.	*	.0	.4	.4	.5	.6	.2	.1	.1
260.	*	.0	.4	.3	.6	.6	.2	.2	.1
265.	*	.0	.4	.3	.6	.6	.2	.2	.1
270.	*	.0	.4	.4	.6	.6	.2	.2	.1
275.	*	.0	.4	.4	.6	.6	.2	.2	.1
280.	*	.0	.4	.4	.6	.6	.2	.2	.1
285.	*	.0	.4	.4	.7	.6	.2	.2	.0
290.	*	.0	.4	.5	.7	.6	.2	.2	.2
295.	*	.0	.4	.5	.7	.6	.2	.1	.3
300.	*	.0	.4	.5	.7	.5	.3	.1	.4
305.	*	.0	.4	.5	.7	.7	.2	.3	.4
310.	*	.0	.4	.5	.7	.6	.2	.4	.5
315.	*	.0	.4	.5	.8	.5	.3	.5	.5
320.	*	.0	.4	.6	.9	.5	.5	.4	.5
325.	*	.0	.4	.9	.9	.5	.4	.5	.5
330.	*	.0	.5	.9	1.1	.5	.4	.6	.4
335.	*	.0	.5	.9	1.0	.4	.6	.7	.4
340.	*	.0	.5	.9	.8	.2	.6	.7	.5
345.	*	.0	.4	.8	.8	.5	.7	.7	.5
350.	*	.0	.4	.8	.7	.5	.7	.7	.4
355.	*	.0	.4	.6	.7	.6	.7	.7	.4
360.	*	.1	.4	.8	.6	.6	.7	.5	.4


```

-----*-----
MAX * .7 .5 .9 1.1 .7 .7 .7 .5
DEGR. * 45 215 325 330 305 0 335 60

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 250 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 330 DEGREES FROM REC24 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 150 DEGREES FROM REC10 .

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/18/2006 TIME: 11:08:00.28

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 265	REC2 250	REC3 130	REC4 225	REC5 205	REC6 190	REC7 205	REC8 150	REC9 150	REC10 150	REC11 120	REC12 115	REC13 125	REC14 280	REC15 75	REC16 100	REC17 20	REC18 110	REC19 65	REC20 65
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.2	.3	.3	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1
4	.4	.4	.5	.2	.1	.1	.0	.1	.1	.1	.2	.2	.2	.0	.0	.2	.0	.2	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.0	.1	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.1	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
28	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.2	.1	.0	.0	.1	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.5	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 NB30 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/18/2006 TIME: 11:08:00.28

RUN: S1 NB30 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 45	REC22 215	REC23 325	REC24 330	REC25 305	REC26 0	REC27 335	REC28 60
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.1	.0	.0	.0	.0	.2	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.0	.0	.0	.0	.2	.2	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.1	.1	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.1	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.1	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.0	.3	.3	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.2	.2	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0	S1NB30PM.OUT
30	*	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.1	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.1	.1	.0	.0	.0	
42	*	.2	.0	.0	.0	.0	.0	.0	
43	*	.0	.1	.0	.0	.0	.0	.0	

S1B130AM.DAT

S1	B130	AM	MUDDY BRANCH & GRT	SENECA	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	251111.	525660.	5.		
REC 2	164'	SE CORNER	250889.	525749.	5.		
REC 3	82'	SE CORNER	250816.	525785.	5.		
REC 4		SE CORNER	250754.	525837.	5.		
REC 5	82'	ES CORNER	250764.	525917.	5.		
REC 6	164'	ES CORNER	250788.	525993.	5.		
REC 7	400'	ES CORNER	250858.	526219.	5.		
REC 8	400'	EN CORNER	250737.	526302.	5.		
REC 9	164'	EN CORNER	250672.	526077.	5.		
REC 10	82'	EN CORNER	250652.	525997.	5.		
REC 11		NE CORNER	250615.	525931.	5.		
REC 12	82'	NE CORNER	250530.	525947.	5.		
REC 13	164'	NE CORNE	250462.	525991.	5.		
REC 14	400'	NE CORNE	250262.	526118.	5.		
REC 15	400'	NW CORNE	250241.	525972.	5.		
REC 16	164'	NW CORNE	250439.	525843.	5.		
REC 17	82'	NW CORNER	250507.	525801.	5.		
REC 18		NW CORNER	250578.	525751.	5.		
REC 19	164'	WN CORNE	250538.	525591.	5.		
REC 20	82'	WN CORNER	250562.	525666.	5.		
REC 21	400'	WN CORNE	250465.	525365.	5.		
REC 22	400'	WS CORNE	250569.	525278.	5.		
REC 23	164'	WS CORNE	250636.	525507.	5.		
REC 24	82'	WS CORNER	250660.	525580.	5.		
REC 25		SW CORNER	250707.	525652.	5.		
REC 26	82'	SW CORNER	250791.	525635.	5.		
REC 27	164'	SW CORNE	250861.	525602.	5.		
REC 28	400'	SW CORNE	251087.	525525.	5.		

S1 B130 AM MUDDY BRANCH & GRT SENECA 43 1 1

1							
1		NB GRT	SENAG251728.525425.251209.525599.	725	2.9	0. 68.	30.
2		NB GRT	SENAG251209.525599.251056.525645.	725	2.9	0. 68.	30.
3		NB GRT	SENAG251056.525645.250655.525809.	550	2.9	0. 56.	30.
4		NB GRT	SENAG250691.525795.250936.525694.	0.	36.	3	
140			112 4.0 550 29.1 1660 3 3				
5		NB GRT	SENAG250998.525644.250646.525797.	125	2.9	0. 44.	30.
6		NB GRT	SENAG250690.525778.250942.525668.	0.	24.	2	
140			128 4.0 125 29.1 1717 3 3				
7		NB GRT	SENAG250660.525808.250540.525898.	700	2.9	0. 68.	30.
8		NB GRT	SENAG250540.525898.250105.526187.	875	2.9	0. 56.	30.
9		NB GRT	SENAG250105.526187.249727.526430.	875	2.9	0. 56.	30.
10		SB GRT	SENAG249695.526367.250335.525951.	3350	2.9	0. 56.	30.
12		SB GRT	SENAG250335.525951.250627.525761.	3150	2.9	0. 56.	30.
12		SB GRT	SENAG250582.525790.250430.525889.	0.	36.	3	
140			51 4.0 3150 29.1 2223 3 3				
14		SB GRT	SENAG250435.525908.250640.525782.	200	2.9	0. 32.	30.
14		SB GRT	SENAG250591.525812.250444.525902.	0.	12.	1	
140			64 4.0 200 29.1 1770 3 3				
15		SB GRT	SENAG250625.525762.250865.525642.	3125	2.9	0. 56.	30.
16		SB GRT	SENAG250865.525642.251343.525474.	3500	2.9	0. 68.	30.
17		SB GRT	SENAG251343.525474.251707.525357.	3500	2.9	0. 68.	30.
18		EB MUD	BRNAG250316.524710.250487.525156.	1200	2.7	0. 56.	30.
19		EB MUD	BRNAG250487.525156.250604.525521.	1200	2.7	0. 56.	30.
20		EB MUD	BRNAG250604.525521.250682.525760.	600	2.7	0. 44.	30.
21		EB MUD	BRNAG250666.525714.250613.525550.	0.	24.	2	
140			106 4.0 600 29.1 1770 3 3				
22		EB MUD	BRNAG250607.525468.250660.525632.	375	2.7	0. 32.	30.
23		EB MUD	BRNAG250660.525632.250703.525668.	375	2.7	0. 32.	30.
24		EB MUD	BRNAG250699.525665.250663.525635.	0.	12.	1	
140			106 4.0 375 29.1 1583 3 3				
24		EB MUD	BRNAG250703.525668.250817.525668.	375	2.7	0. 32.	30.
26		EB MUD	BRNAG250572.525479.250662.525766.	225	2.7	0. 44.	30.
27		EB MUD	BRNAG250648.525722.250587.525526.	0.	24.	2	
140			124 4.0 225 29.1 1717 3 3				
28		EB MUD	BRNAG250683.525760.250790.526082.	875	2.7	0. 44.	30.
29		EB MUD	BRNAG250790.526082.250943.526588.	875	2.7	0. 44.	30.
30		EB MUD	BRNAG250943.526588.251034.526857.	875	2.7	0. 44.	30.
31		WB MUD	BRNAG250963.526877.250887.526612.	900	2.7	0. 44.	30.
32		WB MUD	BRNAG250887.526612.250763.526237.	900	2.7	0. 56.	30.
33		WB MUD	BRNAG250763.526237.250636.525813.	575	2.7	0. 44.	30.
33		WB MUD	BRNAG250654.525874.250725.526110.	0.	24.	2	
140			109 4.0 575 29.1 1770 3 3				

S1B130AM.DAT									
1									
36	2	WB	MUD	BRNAG250760.526164.250655.525806.	150	2.7	0.	44.	30.
36		WB	MUD	BRNAG250674.525869.250743.526106.			0.	24.	2
	140			124 4.0 150 29.1 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	375	2.7	0.	32.	30.
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	375	2.7	0.	32.	30.
39	2	WB	MUD	BRNAG250624.525915.250656.525956.			0.	12.	1
	140			109 4.0 375 29.1 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	375	2.7	0.	32.	30.
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	875	2.7	0.	44.	30.
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	875	2.7	0.	44.	30.
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	875	2.7	0.	44.	30.
1.0	0.4	1000.	0.0Y	5 0 72					

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:07:34.01

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	725.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	725.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	550.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250797.2	525751.2	*	115.	112. AG	187.	100.0	.0	36.0	.70 5.8
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	125.	2.9	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250744.7	525754.1	*	60.	114. AG	143.	100.0	.0	24.0	.85 3.0
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	700.	2.9	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	875.	2.9	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	875.	2.9	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3350.	2.9	.0	56.0	
11. 12	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	3150.	2.9	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250336.6	525949.8	*	293.	303. AG	85.	100.0	.0	36.0	.80 14.9
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	200.	2.9	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250531.3	525848.6	*	70.	301. AG	36.	100.0	.0	12.0	.23 3.6
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	3125.	2.9	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3500.	2.9	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3500.	2.9	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1200.	2.7	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1200.	2.7	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	600.	2.7	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250606.3	525529.2	*	194.	198. AG	118.	100.0	.0	24.0	.85 9.9
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	375.	2.7	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	375.	2.7	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250007.2	525088.5	*	901.	230. AG	59.	100.0	.0	12.0	1.19 45.7
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	375.	2.7	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	225.	2.7	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250616.2	525619.9	*	107.	197. AG	138.	100.0	.0	24.0	.92 5.4
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	875.	2.7	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	525688.0	*	529.	17. AG	875.	2.7	.0	44.0	
30. 30	EB MUD BRN*	250943.0	525688.0	251034.0	526857.0	*	284.	19. AG	875.	2.7	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	900.	2.7	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	900.	2.7	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	575.	2.7	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250714.3	526074.2	*	209.	17. AG	122.	100.0	.0	24.0	.91 10.6
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	150.	2.7	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250688.7	525919.5	*	53.	16. AG	138.	100.0	.0	24.0	.61 2.7
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	375.	2.7	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	375.	2.7	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	251391.6	526898.3	*	1247.	38. AG	61.	100.0	.0	12.0	1.33 63.4
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	375.	2.7	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	875.	2.7	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	875.	2.7	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	875.	2.7	.0	44.0	

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:07:34.01

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	140	112	4.0	550	1660	29.10	3	3
6. 6	NB GRT SEN*	140	128	4.0	125	1717	29.10	3	3
12. 12	SB GRT SEN*	140	51	4.0	3150	2223	29.10	3	3
14. 14	SB GRT SEN*	140	64	4.0	200	1770	29.10	3	3
21. 21	EB MUD BRN*	140	106	4.0	600	1770	29.10	3	3
24. 24	EB MUD BRN*	140	106	4.0	375	1583	29.10	3	3
27. 27	EB MUD BRN*	140	124	4.0	225	1717	29.10	3	3
34. 33	WB MUD BRN*	140	109	4.0	575	1770	29.10	3	3
36. 36	WB MUD BRN*	140	124	4.0	150	1717	29.10	3	3
39. 39	WB MUD BRN*	140	109	4.0	375	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B130AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
5.	*	.0	.0	.0	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
10.	*	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.2	.3
15.	*	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.2	.3
20.	*	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.3	.4
25.	*	.0	.0	.0	.1	.1	.1	.4	.1	.0	.2	.2	.0	.0	.0	.3	.5	.5	.5	.3	.4
30.	*	.0	.0	.0	.0	.1	.1	.4	.1	.0	.3	.2	.0	.0	.0	.3	.5	.6	.5	.3	.5
35.	*	.0	.0	.0	.0	.0	.1	.5	.1	.1	.4	.3	.0	.0	.0	.3	.5	.7	.6	.4	.3
40.	*	.0	.0	.0	.0	.0	.0	.5	.1	.1	.5	.4	.1	.0	.0	.3	.5	.7	.7	.5	.3
45.	*	.0	.0	.0	.0	.0	.0	.6	.1	.1	.6	.4	.1	.0	.0	.3	.6	.7	.5	.6	.4
50.	*	.0	.0	.0	.0	.0	.0	.5	.1	.1	.5	.4	.1	.0	.0	.3	.7	.7	.4	.6	.4
55.	*	.0	.0	.0	.0	.0	.0	.5	.1	.1	.5	.4	.2	.0	.0	.3	.7	.6	.4	.6	.5
60.	*	.0	.0	.0	.0	.0	.0	.5	.2	.1	.5	.4	.2	.1	.0	.3	.7	.6	.5	.6	.6
65.	*	.0	.0	.0	.0	.0	.0	.4	.2	.1	.5	.4	.2	.1	.0	.3	.6	.6	.5	.6	.6
70.	*	.0	.0	.0	.0	.0	.0	.4	.2	.1	.5	.4	.2	.0	.0	.3	.6	.5	.6	.6	.6
75.	*	.0	.0	.0	.0	.0	.0	.4	.2	.1	.4	.4	.2	.1	.0	.3	.7	.5	.7	.6	.6
80.	*	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.4	.2	.1	.0	.3	.7	.6	.8	.7	.5
85.	*	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.4	.2	.1	.0	.3	.6	.6	.8	.5	.5
90.	*	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.5	.2	.1	.0	.5	.6	.6	.7	.4	.6
95.	*	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.5	.1	.1	.0	.5	.8	.7	.7	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.4	.5	.1	.1	.0	.5	.9	.7	.7	.5	.7
105.	*	.1	.0	.0	.0	.0	.0	.2	.1	.3	.4	.5	.2	.1	.0	.6	.8	.7	.8	.3	.7
110.	*	.2	.0	.0	.0	.0	.0	.2	.1	.3	.4	.5	.2	.1	.0	.6	.8	.7	.8	.3	.7
115.	*	.2	.1	.1	.1	.0	.0	.2	.1	.3	.4	.6	.3	.1	.1	.6	.7	.6	.7	.3	.6
120.	*	.3	.2	.1	.1	.0	.0	.2	.1	.3	.4	.7	.3	.1	.1	.5	.5	.5	.6	.3	.5
125.	*	.3	.2	.2	.1	.1	.0	.2	.1	.3	.4	.6	.2	.2	.1	.3	.5	.5	.4	.3	.4
130.	*	.3	.3	.2	.1	.1	.0	.2	.1	.3	.5	.6	.3	.3	.3	.3	.4	.5	.3	.5	.5
135.	*	.3	.3	.3	.2	.1	.1	.2	.1	.4	.5	.7	.2	.3	.3	.1	.3	.4	.3	.5	.5
140.	*	.3	.3	.2	.2	.1	.1	.2	.1	.5	.5	.6	.3	.3	.3	.0	.1	.2	.4	.2	.5
145.	*	.3	.3	.2	.3	.1	.1	.2	.1	.5	.7	.6	.3	.4	.3	.0	.1	.2	.4	.2	.3
150.	*	.3	.3	.2	.4	.1	.1	.2	.0	.4	.7	.5	.2	.3	.4	.0	.0	.2	.4	.2	.3
155.	*	.3	.3	.3	.3	.1	.1	.3	.0	.4	.7	.4	.3	.3	.4	.0	.0	.1	.4	.3	.3
160.	*	.3	.3	.2	.4	.1	.1	.3	.0	.5	.7	.3	.3	.3	.3	.0	.0	.1	.3	.3	.3
165.	*	.3	.2	.2	.4	.2	.0	.3	.0	.6	.7	.2	.3	.3	.2	.0	.0	.0	.3	.3	.3
170.	*	.3	.1	.1	.4	.2	.0	.3	.0	.6	.6	.3	.3	.3	.2	.0	.0	.0	.3	.3	.3
175.	*	.3	.1	.1	.4	.2	.2	.3	.0	.6	.6	.4	.3	.3	.2	.0	.0	.0	.3	.3	.2
180.	*	.3	.1	.1	.5	.3	.2	.3	.1	.3	.6	.3	.3	.3	.2	.0	.0	.0	.2	.3	.2
185.	*	.3	.1	.1	.5	.4	.2	.4	.1	.3	.3	.2	.3	.3	.2	.0	.0	.0	.1	.3	.2
190.	*	.3	.2	.2	.5	.4	.2	.4	.1	.2	.3	.1	.3	.3	.2	.0	.0	.0	.2	.3	.2
195.	*	.3	.2	.2	.6	.5	.3	.5	.1	.2	.3	.2	.3	.3	.2	.0	.0	.0	.1	.3	.2
200.	*	.3	.1	.2	.6	.6	.4	.6	.1	.2	.2	.2	.3	.3	.2	.0	.0	.0	.1	.3	.2
205.	*	.3	.1	.3	.9	.6	.4	.7	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.1	.1	.2

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.1	.3	.9	.5	.2	.7	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.1	.1	.1
215.	*	.3	.1	.5	.8	.4	.2	.7	.0	.2	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.1
220.	*	.3	.1	.6	.8	.2	.3	.7	.0	.2	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.1
225.	*	.3	.1	.7	.8	.1	.4	.6	.0	.2	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.0
230.	*	.3	.2	.8	.6	.3	.4	.5	.0	.2	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.0
235.	*	.3	.3	.9	.5	.3	.4	.4	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
240.	*	.3	.4	.8	.5	.3	.4	.3	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
245.	*	.3	.4	.9	.3	.5	.4	.2	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
250.	*	.3	.5	.9	.3	.5	.5	.2	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.5	.8	.4	.5	.4	.2	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0
260.	*	.2	.3	.9	.3	.5	.3	.2	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
265.	*	.2	.4	.9	.3	.5	.3	.1	.0	.1	.1	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
270.	*	.2	.6	.8	.3	.5	.4	.1	.0	.1	.1	.4	.4	.2	.3	.0	.0	.0	.0	.0	.0
275.	*	.2	.6	.6	.3	.5	.4	.1	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.2	.6	.6	.3	.4	.4	.1	.0	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.2	.6	.4	.5	.3	.4	.1	.0	.1	.1	.2	.2	.3	.3	.1	.0	.1	.0	.0	.0
290.	*	.1	.4	.4	.5	.3	.3	.1	.0	.0	.1	.2	.2	.3	.2	.1	.2	.2	.1	.0	.0
295.	*	.0	.3	.3	.4	.4	.3	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.3	.3	.0	.0
300.	*	.0	.1	.2	.4	.3	.3	.1	.0	.0	.0	.1	.2	.2	.2	.3	.4	.4	.4	.0	.0
305.	*	.0	.2	.2	.3	.3	.3	.1	.0	.0	.0	.0	.2	.2	.1	.4	.5	.6	.6	.0	.1
310.	*	.0	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.1	.1
315.	*	.0	.1	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.7	.8	.7	.1	.2
320.	*	.0	.1	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.8	.8	.1	.3
325.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.8	.7	.1	.3
330.	*	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.7	.7	.7	.2	.2
335.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.7	.5	.2	.2
340.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.5	.2	.2
345.	*	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2
350.	*	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2
355.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.2	.2

360.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	S1B130AM.OUT	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
MAX	*	.3	.6	.9	.9	.6	.5	.7	.2	.6		.7	.7	.4	.4	.4	.6	.9	.8	.8	.7	.7
DEGR.	*	120	270	235	205	200	250	205	60	165		145	135	265	145	150	105	100	315	105	80	100

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.1	.7	.7	.5	.3	.3	.3
5.	*	.1	.2	.8	.7	.6	.3	.2	.3
10.	*	.2	.2	.6	.5	.5	.3	.3	.3
15.	*	.2	.2	.6	.5	.5	.2	.3	.3
20.	*	.2	.0	.3	.5	.5	.2	.3	.3
25.	*	.3	.0	.3	.3	.5	.3	.3	.3
30.	*	.3	.0	.2	.2	.4	.3	.3	.3
35.	*	.3	.0	.2	.2	.3	.2	.3	.3
40.	*	.2	.0	.1	.2	.3	.2	.3	.3
45.	*	.2	.0	.1	.1	.3	.2	.3	.3
50.	*	.1	.0	.1	.1	.3	.2	.3	.3
55.	*	.2	.1	.1	.1	.2	.2	.3	.3
60.	*	.2	.1	.1	.1	.2	.2	.3	.3
65.	*	.2	.1	.1	.1	.3	.3	.3	.3
70.	*	.3	.0	.1	.2	.3	.3	.3	.4
75.	*	.3	.0	.1	.2	.3	.3	.4	.4
80.	*	.2	.0	.1	.1	.3	.3	.4	.4
85.	*	.2	.0	.1	.1	.3	.4	.4	.4
90.	*	.2	.0	.1	.1	.3	.4	.4	.5
95.	*	.2	.0	.1	.1	.3	.4	.4	.5
100.	*	.2	.0	.0	.1	.3	.4	.4	.5
105.	*	.2	.0	.0	.1	.3	.4	.4	.4
110.	*	.2	.0	.0	.0	.1	.3	.3	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.1	.1	.1
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.0	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.1	.0	.0	.0	.0
200.	*	.1	.0	.1	.1	.0	.0	.0	.0
205.	*	.1	.2	.1	.1	.0	.0	.0	.0

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.2	.1	.3	.1	.0	.0	.0
215.	*	.0	.1	.1	.3	.2	.0	.0	.0
220.	*	.0	.1	.1	.3	.2	.0	.0	.0
225.	*	.0	.1	.1	.5	.4	.0	.0	.0
230.	*	.0	.1	.1	.3	.4	.0	.0	.0
235.	*	.0	.1	.2	.3	.4	.1	.0	.0
240.	*	.1	.1	.2	.3	.6	.2	.0	.0
245.	*	.1	.1	.2	.4	.6	.2	.0	.0
250.	*	.1	.1	.2	.4	.5	.2	.1	.0
255.	*	.1	.1	.2	.4	.5	.2	.1	.0
260.	*	.1	.1	.2	.4	.5	.2	.2	.0
265.	*	.1	.1	.2	.4	.6	.3	.1	.0
270.	*	.1	.1	.2	.4	.6	.3	.1	.1
275.	*	.1	.1	.2	.4	.6	.3	.1	.1
280.	*	.1	.1	.2	.4	.6	.2	.2	.1
285.	*	.1	.1	.2	.4	.6	.2	.3	.2
290.	*	.1	.1	.2	.4	.6	.3	.3	.4
295.	*	.1	.1	.2	.4	.7	.4	.5	.4
300.	*	.1	.1	.2	.5	.9	.7	.3	.5
305.	*	.1	.1	.2	.6	.8	.5	.5	.5
310.	*	.1	.1	.3	.6	.8	.6	.5	.4
315.	*	.1	.1	.4	.7	.9	.5	.5	.4
320.	*	.1	.1	.4	.9	.6	.6	.4	.4
325.	*	.1	.1	.4	.8	.6	.5	.4	.4
330.	*	.1	.1	.5	.9	.6	.5	.5	.4
335.	*	.1	.1	.6	.9	.5	.7	.5	.3
340.	*	.1	.1	.8	.8	.2	.7	.4	.3
345.	*	.1	.1	.7	.8	.5	.6	.4	.3
350.	*	.1	.1	.8	.9	.5	.6	.3	.3
355.	*	.1	.1	.7	.8	.5	.5	.3	.3
360.	*	.1	.1	.7	.7	.5	.3	.3	.3

```

-----*-----
MAX * .3 .2 .8 .9 .9 .7 .5
DEGR. * 25 5 5 320 315 300 295 90

```

THE HIGHEST CONCENTRATION IS .90 PPM AT 235 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 205 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 100 DEGREES FROM REC16 .

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:07:34.01

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 270	REC3 235	REC4 205	REC5 200	REC6 250	REC7 205	REC8 60	REC9 165	REC10 145	REC11 135	REC12 265	REC13 145	REC14 150	REC15 105	REC16 100	REC17 315	REC18 105	REC19 80	REC20 100
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.4	.3	.2	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	.0	.1	.0	.0	.0
11	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.4	.4	.1	.0	.0
12	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.0	.3	.1	.1
16	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.1	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B130 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:07:34.01

RUN: S1 B130 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 5	REC23 5	REC24 320	REC25 315	REC26 300	REC27 295	REC28 90
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.1	.1	.1	.0	.0
11	.0	.0	.0	.1	.2	.1	.1	.0
12	.0	.0	.0	.1	.1	.1	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.1	.2	.2	.0
16	.0	.0	.0	.0	.0	.0	.0	.4
17	.0	.0	.0	.0	.0	.0	.0	.1
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.0	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.1	.1	.0
22	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.1	.2	.1	.1	.1	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B130AM.OUT

REV	DATE	TIME	SOURCE	BRANCH	GRT	SENECA	43	1	3
B1	B30	PM	MUDDY	BRANCH & GRT	SENECA				
1	1		NB	GRT	SENAG251728.	525425.251209.525599.	2700	2.9	0.68.30.
2	1		NB	GRT	SENAG251209.525599.251056.525645.	2700	2.9	0.68.30.	
3	2		NB	GRT	SENAG251056.525645.250655.525809.	2475	2.9	0.56.30.	
4	150		NB	GRT	SENAG250691.525795.250936.525694. 83 4.0 2475 29.1 1675 3 3	0.36.	3		
5	1		NB	GRT	SENAG250998.525644.250646.525797.	225	2.9	0.44.30.	
6	150		NB	GRT	SENAG250690.525778.250942.525668. 128 4.0 225 29.1 1717 3 3	0.24.	2		
7	1		NB	GRT	SENAG250660.525808.250540.525898.	2625	2.9	0.68.30.	
8	1		NB	GRT	SENAG250640.525898.250105.526187.	3325	2.9	0.56.30.	
9	1		NB	GRT	SENAG250105.526187.249727.526430.	3325	2.9	0.56.30.	
10	1		SB	GRT	SENAG249695.526367.250335.525951.	1300	2.9	0.56.30.	
12	2		SB	GRT	SENAG250335.525951.250627.525761.	900	2.9	0.56.30.	
12	150		SB	GRT	SENAG250582.525790.250430.525889. 72 4.0 900 29.1 2223 3 3	0.36.	3		
14	1		SB	GRT	SENAG250435.525908.250640.525782.	400	2.9	0.32.30.	
14	150		SB	GRT	SENAG250591.525812.250444.525902. 117 4.0 400 29.1 1770 3 3	0.12.	1		
15	1		SB	GRT	SENAG250625.525762.250865.525642.	600	2.9	0.56.30.	
16	1		SB	GRT	SENAG250865.525642.251343.525474.	800	2.9	0.68.30.	
17	1		SB	GRT	SENAG251343.525474.251707.525357.	800	2.9	0.68.30.	
18	1		EB	MUD	BRNAG250316.524710.250487.525156.	1250	2.7	0.56.30.	
19	1		EB	MUD	BRNAG250487.525156.250604.525521.	1250	2.7	0.56.30.	
20	2		EB	MUD	BRNAG250604.525521.250682.525760.	700	2.7	0.44.30.	
21	150		EB	MUD	BRNAG250666.525714.250613.525550. 105 4.0 700 29.1 1770 3 3	0.24.	2		
22	1		EB	MUD	BRNAG250607.525468.250660.525632.	200	2.7	0.32.30.	
23	2		EB	MUD	BRNAG250660.525632.250703.525668.	200	2.7	0.32.30.	
24	150		EB	MUD	BRNAG250699.525665.250663.525635. 105 4.0 200 29.1 1583 3 3	0.12.	1		
24	1		EB	MUD	BRNAG250703.525668.250817.525668.	200	2.7	0.32.30.	
26	2		EB	MUD	BRNAG250572.525479.250662.525766.	350	2.7	0.44.30.	
27	150		EB	MUD	BRNAG250648.525722.250587.525526. 132 4.0 350 29.1 1717 3 3	0.24.	2		
28	1		EB	MUD	BRNAG250683.525760.250790.526082.	1300	2.7	0.44.30.	
29	1		EB	MUD	BRNAG250790.526082.250943.526588.	1300	2.7	0.44.30.	
30	1		EB	MUD	BRNAG250943.526588.251034.526857.	1300	2.7	0.44.30.	
31	1		WB	MUD	BRNAG250963.526877.250887.526612.	1650	2.7	0.44.30.	
32	1		WB	MUD	BRNAG250887.526612.250763.526237.	1650	2.7	0.56.30.	
33	2		WB	MUD	BRNAG250763.526237.250636.525813.	850	2.7	0.44.30.	
33	150		WB	MUD	BRNAG250654.525874.250725.526110. 110 4.0 850 29.1 1770 3 3	0.24.	2		

36	1	WB	MUD	BRNAG250760.526164.250655.525806.	100	2.7	0.	44.	30.
36	2	WB	MUD	BRNAG250674.525869.250743.526106.	0.	24.	2		
		150		137 4.0 100 29.1 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	700	2.7	0.	32.	30.
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	700	2.7	0.	32.	30.
38	2								
39		WB	MUD	BRNAG250624.525915.250656.525956.	0.	12.	1		
		150		110 4.0 700 29.1 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	700	2.7	0.	32.	30.
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	1475	2.7	0.	44.	30.
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	1475	2.7	0.	44.	30.
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	1475	2.7	0.	44.	30.
1.0		0.4	1000.	0.0Y 5 0 72					

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:08:06.25

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2700.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2700.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2475.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252489.3	525053.8	*	1945.	112. AG	130.	100.0	.0	36.0	1.21 98.8
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	225.	2.9	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250762.2	525746.5	*	79.	114. AG	133.	100.0	.0	24.0	.61 4.0
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	2625.	2.9	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	3325.	2.9	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	3325.	2.9	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1300.	2.9	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	900.	2.9	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250483.0	525854.5	*	118.	303. AG	112.	100.0	.0	36.0	.28 6.0
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	400.	2.9	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	249591.7	526424.0	*	1172.	301. AG	61.	100.0	.0	12.0	1.26 59.5
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	600.	2.9	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	800.	2.9	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	800.	2.9	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1250.	2.7	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1250.	2.7	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	700.	2.7	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250603.6	525520.8	*	203.	198. AG	109.	100.0	.0	24.0	.76 10.3
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	200.	2.7	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	200.	2.7	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250610.8	525591.5	*	115.	230. AG	55.	100.0	.0	12.0	.49 5.8
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	200.	2.7	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	350.	2.7	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250477.7	525174.8	*	573.	197. AG	137.	100.0	.0	24.0	1.28 29.1
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1300.	2.7	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	1300.	2.7	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	1300.	2.7	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1650.	2.7	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1650.	2.7	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	850.	2.7	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250825.3	526443.5	*	595.	17. AG	114.	100.0	.0	24.0	1.06 30.2
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	100.	2.7	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250685.2	525907.4	*	40.	16. AG	143.	100.0	.0	24.0	.63 2.0
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	700.	2.7	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	700.	2.7	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	253064.8	529041.7	*	3967.	38. AG	57.	100.0	.0	12.0	1.96 201.5
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	700.	2.7	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1475.	2.7	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1475.	2.7	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1475.	2.7	.0	44.0	

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:08:06.25

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	83	4.0	2475	1675	29.10	3	3
6. 6	NB GRT SEN*	150	128	4.0	225	1717	29.10	3	3
12. 12	SB GRT SEN*	150	72	4.0	900	2223	29.10	3	3
14. 14	SB GRT SEN*	150	117	4.0	400	1770	29.10	3	3
21. 21	EB MUD BRN*	150	105	4.0	700	1770	29.10	3	3
24. 24	EB MUD BRN*	150	105	4.0	200	1583	29.10	3	3
27. 27	EB MUD BRN*	150	132	4.0	350	1717	29.10	3	3
34. 33	WB MUD BRN*	150	110	4.0	850	1770	29.10	3	3
36. 36	WB MUD BRN*	150	137	4.0	100	1717	29.10	3	3
39. 39	WB MUD BRN*	150	110	4.0	700	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

21. REC 21 400' WN CORNE * 250465.0 525365.0 5.0 * S1B130PM.OUT
 22. REC 22 400' WS CORNE * 250569.0 525278.0 5.0 *
 23. REC 23 164' WS CORNE * 250636.0 525507.0 5.0 *
 24. REC 24 82' WS CORNER * 250660.0 525580.0 5.0 *
 25. REC 25 SW CORNER * 250707.0 525652.0 5.0 *
 26. REC 26 82' SW CORNER * 250791.0 525635.0 5.0 *
 27. REC 27 164' SW CORNE * 250861.0 525602.0 5.0 *
 28. REC 28 400' SW CORNE * 251087.0 525525.0 5.0 *

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.1	.2
5.	*	.0	.0	.0	.3	.3	.4	.5	.0	.0	.1	.0	.0	.0	.0	.3	.3	.6	.6	.2	.4
10.	*	.0	.0	.0	.3	.4	.4	.5	.0	.1	.2	.1	.0	.0	.0	.3	.3	.6	.4	.3	.4
15.	*	.0	.0	.0	.3	.4	.3	.5	.1	.1	.3	.1	.0	.0	.0	.3	.3	.7	.4	.2	.3
20.	*	.0	.0	.0	.1	.2	.3	.5	.2	.3	.3	.2	.0	.0	.0	.3	.3	.8	.6	.3	.4
25.	*	.0	.0	.0	.1	.2	.2	.6	.2	.4	.5	.3	.1	.0	.0	.3	.3	.8	.6	.4	.5
30.	*	.0	.0	.0	.1	.1	.1	.7	.3	.5	.6	.3	.1	.0	.0	.3	.3	.8	.7	.5	.5
35.	*	.0	.0	.0	.0	.1	.1	.6	.3	.6	.6	.7	.1	.0	.0	.3	.4	.8	.6	.4	.4
40.	*	.0	.0	.0	.0	.0	.1	.6	.3	.7	.7	.6	.2	.1	.0	.3	.5	.8	.5	.5	.2
45.	*	.0	.0	.0	.0	.0	.0	.6	.4	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.5
50.	*	.0	.0	.0	.0	.0	.0	.5	.4	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.6
55.	*	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.6
60.	*	.0	.0	.0	.0	.0	.0	.4	.4	.6	.7	.6	.2	.2	.0	.3	.7	.7	.5	.7	.7
65.	*	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.6	.2	.1	.0	.4	.6	.7	.4	.8	.8
70.	*	.0	.0	.0	.0	.0	.0	.3	.4	.5	.6	.6	.2	.1	.0	.4	.5	.6	.5	.7	.6
75.	*	.0	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.0	.5	.5	.6	.5	.7	.6
80.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.0	.5	.5	.8	.5	.6	.6
85.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.4	.5	.7	.5	.6	.7
90.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.5	.2	.1	.0	.3	.6	.7	.5	.5	.7
95.	*	.3	.1	.1	.0	.0	.0	.2	.3	.5	.6	.5	.1	.1	.0	.3	.8	.8	.6	.5	.6
100.	*	.4	.2	.1	.1	.0	.0	.1	.3	.5	.5	.6	.1	.1	.1	.4	.9	.7	.7	.5	.5
105.	*	.5	.4	.3	.1	.0	.0	.1	.3	.5	.5	.7	.2	.2	.1	.4	.8	.7	.6	.5	.5
110.	*	.7	.6	.5	.2	.1	.0	.1	.3	.5	.6	.7	.2	.2	.2	.5	.6	.5	.7	.5	.6
115.	*	.8	.8	.7	.4	.1	.1	.1	.3	.6	.6	.7	.5	.4	.3	.4	.6	.5	.4	.4	.6
120.	*	1.0	.9	.6	.4	.1	.1	.1	.3	.6	.7	.8	.5	.5	.4	.4	.3	.4	.4	.4	.5
125.	*	.9	.9	.7	.4	.2	.1	.1	.3	.6	.7	.8	.4	.6	.5	.1	.4	.3	.3	.4	.4
130.	*	.9	.8	.8	.5	.2	.1	.2	.4	.6	.7	.8	.6	.5	.0	.3	.3	.4	.4	.4	.4
135.	*	.9	.8	.7	.5	.3	.1	.2	.4	.6	.9	.9	.5	.6	.6	.1	.2	.3	.4	.4	.4
140.	*	.7	.8	.7	.5	.3	.1	.2	.4	.6	.8	.9	.5	.5	.6	.1	.2	.3	.4	.4	.4
145.	*	.7	.7	.7	.5	.3	.1	.2	.4	.6	.8	.8	.3	.5	.5	.1	.2	.3	.4	.3	.4
150.	*	.7	.7	.6	.5	.3	.2	.2	.4	.8	.8	.7	.4	.7	.6	.1	.1	.3	.4	.3	.4
155.	*	.7	.7	.6	.5	.3	.2	.2	.5	.8	.9	.6	.6	.6	.6	.1	.1	.3	.4	.5	.5
160.	*	.7	.6	.6	.5	.2	.2	.3	.5	.8	.9	.3	.7	.6	.5	.0	.1	.3	.4	.5	.5
165.	*	.6	.6	.5	.4	.2	.2	.3	.5	.8	.9	.3	.7	.6	.5	.0	.1	.1	.4	.5	.6
170.	*	.6	.6	.5	.5	.2	.2	.3	.5	.7	.8	.3	.6	.6	.5	.0	.1	.1	.4	.5	.6
175.	*	.5	.6	.5	.5	.2	.2	.3	.4	.6	.7	.4	.6	.6	.5	.0	.1	.1	.4	.6	.5
180.	*	.5	.5	.5	.4	.3	.2	.3	.4	.6	.9	.6	.6	.5	.5	.0	.0	.1	.4	.5	.5
185.	*	.5	.5	.5	.4	.3	.2	.4	.4	.6	.6	.6	.6	.4	.5	.0	.0	.1	.3	.4	.4
190.	*	.5	.5	.5	.6	.4	.4	.5	.4	.4	.4	.6	.5	.4	.5	.0	.0	.0	.3	.4	.5
195.	*	.5	.5	.5	.7	.6	.4	.5	.3	.4	.4	.5	.5	.4	.5	.0	.0	.0	.2	.3	.3
200.	*	.5	.5	.5	.7	.6	.4	.6	.1	.3	.3	.5	.5	.4	.5	.0	.0	.0	.2	.3	.3
205.	*	.5	.5	.6	.8	.6	.3	.8	.1	.1	.3	.3	.5	.4	.5	.0	.0	.0	.2	.1	.1

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.5	.5	.6	.8	.5	.3	.7	.0	.0	.2	.4	.5	.4	.5	.0	.0	.0	.0	.1	.1
215.	*	.5	.6	.7	.7	.4	.3	.8	.0	.0	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
220.	*	.5	.6	.7	.7	.3	.2	.8	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
225.	*	.5	.6	.8	.8	.1	.5	.8	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
230.	*	.5	.7	.8	.7	.2	.4	.8	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
235.	*	.6	.8	.8	.5	.3	.3	.7	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
240.	*	.7	.8	.8	.4	.4	.3	.7	.0	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
245.	*	.8	.8	.9	.3	.5	.2	.6	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.8	.9	.9	.4	.5	.2	.6	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	*	.8	.9	.7	.4	.5	.4	.4	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	*	.8	.9	.7	.4	.4	.4	.4	.0	.1	.1	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
265.	*	.9	.8	.6	.4	.5	.4	.4	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0
270.	*	.8	.8	.6	.4	.4	.4	.4	.0	.1	.1	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
275.	*	.8	.8	.7	.4	.3	.4	.4	.0	.1	.1	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
280.	*	.8	.7	.7	.4	.3	.4	.3	.0	.1	.1	.3	.5	.6	.7	.0	.0	.0	.0	.0	.0
285.	*	.7	.7	.6	.5	.3	.4	.3	.0	.0	.1	.3	.6	.6	.7	.0	.0	.0	.0	.0	.0
290.	*	.6	.6	.5	.6	.3	.3	.4	.0	.0	.1	.3	.6	.6	.7	.0	.0	.0	.0	.0	.0
295.	*	.4	.5	.5	.6	.3	.3	.4	.0	.0	.1	.3	.5	.6	.6	.1	.0	.0	.0	.0	.0
300.	*	.3	.3	.1	.4	.2	.3	.4	.0	.0	.0	.1	.5	.4	.4	.2	.2	.2	.3	.0	.0
305.	*	.3	.2	.2	.4	.2	.3	.4	.0	.0	.0	.1	.3	.4	.4	.3	.3	.4	.4	.0	.0
310.	*	.0	.1	.1	.4	.2	.3	.4	.0	.0	.0	.1	.2	.2	.3	.4	.5	.4	.5	.0	.0
315.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.1	.1	.2	.4	.4	.4	.5	.0	.2
320.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.1	.1	.1	.5	.4	.4	.6	.0	.2
325.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1	.5	.3	.6	.6	.1	.2
330.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.4	.6	.6	.1	.3
335.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.1	.3
340.	*	.0	.1	.1	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.7	.1	.3
345.	*	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.1	.3
350.	*	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.2	.2
355.	*	.0	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.1	.1

360.	*	.0	.0	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.1	.2
MAX	*	1.0	.9	.9	.8	.6	.5	.8	.5	.8	.9	.9	.7	.7	.7	.5	.9	.8	.7	.8	.8
DEGR.	*	120	250	245	225	195	225	205	55	150	135	135	160	150	280	75	100	20	30	65	65

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.4	.7	.6	.5	.4	.3	.4
5.	*	.1	.4	.7	.6	.5	.4	.3	.4
10.	*	.1	.4	.6	.6	.5	.3	.3	.4
15.	*	.2	.3	.4	.6	.4	.3	.3	.4
20.	*	.4	.1	.2	.5	.3	.3	.4	.4
25.	*	.4	.1	.2	.4	.3	.3	.4	.4
30.	*	.5	.1	.2	.2	.3	.3	.4	.4
35.	*	.5	.1	.2	.2	.3	.3	.4	.4
40.	*	.5	.1	.2	.2	.2	.3	.4	.4
45.	*	.6	.1	.2	.2	.2	.3	.4	.4
50.	*	.6	.1	.2	.2	.3	.3	.4	.4
55.	*	.6	.1	.1	.2	.3	.3	.4	.4
60.	*	.6	.1	.1	.2	.3	.3	.4	.5
65.	*	.6	.1	.1	.2	.3	.3	.4	.5
70.	*	.5	.1	.1	.2	.3	.3	.4	.4
75.	*	.5	.1	.1	.2	.3	.3	.4	.4
80.	*	.5	.1	.1	.1	.3	.3	.5	.4
85.	*	.5	.1	.1	.1	.3	.3	.4	.4
90.	*	.5	.1	.1	.1	.3	.4	.5	.4
95.	*	.5	.0	.1	.1	.2	.4	.4	.4
100.	*	.4	.0	.1	.1	.2	.4	.4	.4
105.	*	.4	.0	.1	.1	.2	.3	.4	.4
110.	*	.4	.0	.0	.1	.1	.2	.2	.2
115.	*	.4	.0	.0	.0	.1	.1	.1	.1
120.	*	.4	.0	.0	.0	.0	.1	.0	.1
125.	*	.4	.0	.0	.0	.0	.0	.0	.0
130.	*	.4	.0	.0	.0	.0	.0	.0	.0
135.	*	.4	.0	.0	.0	.0	.0	.0	.0
140.	*	.4	.0	.0	.0	.0	.0	.0	.0
145.	*	.4	.0	.0	.0	.0	.0	.0	.0
150.	*	.5	.0	.0	.0	.0	.0	.0	.0
155.	*	.5	.0	.0	.0	.0	.0	.0	.0
160.	*	.5	.0	.0	.0	.0	.0	.0	.0
165.	*	.5	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.2	.1	.0	.0	.0	.0
195.	*	.3	.0	.2	.2	.1	.0	.0	.0
200.	*	.2	.1	.2	.3	.1	.0	.0	.0
205.	*	.1	.2	.3	.3	.1	.0	.0	.0

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.3	.3	.5	.3	.1	.0	.0
215.	*	.1	.4	.4	.6	.3	.1	.0	.0
220.	*	.0	.3	.5	.6	.3	.1	.1	.0
225.	*	.0	.3	.5	.7	.5	.1	.1	.0
230.	*	.0	.3	.5	.6	.5	.1	.1	.0
235.	*	.0	.3	.5	.6	.5	.1	.1	.0
240.	*	.0	.3	.5	.6	.5	.2	.1	.0
245.	*	.0	.3	.5	.6	.6	.2	.1	.0
250.	*	.0	.3	.5	.6	.6	.2	.1	.0
255.	*	.0	.4	.4	.5	.6	.2	.1	.1
260.	*	.0	.4	.3	.6	.6	.2	.2	.1
265.	*	.0	.4	.3	.6	.6	.2	.2	.1
270.	*	.0	.4	.3	.6	.6	.2	.2	.1
275.	*	.0	.4	.3	.6	.6	.2	.2	.1
280.	*	.0	.4	.4	.6	.6	.2	.2	.1
285.	*	.0	.4	.4	.6	.6	.2	.2	.0
290.	*	.0	.4	.4	.7	.6	.2	.2	.1
295.	*	.0	.4	.4	.7	.5	.2	.1	.2
300.	*	.0	.4	.5	.7	.5	.3	.0	.3
305.	*	.0	.4	.5	.7	.8	.2	.3	.3
310.	*	.0	.4	.5	.7	.7	.3	.3	.4
315.	*	.0	.4	.5	.8	.6	.2	.5	.4
320.	*	.0	.4	.5	.9	.6	.6	.4	.4
325.	*	.0	.4	.8	1.0	.5	.4	.4	.4
330.	*	.0	.5	.9	1.1	.5	.4	.4	.4
335.	*	.0	.5	.9	1.0	.3	.5	.4	.4
340.	*	.0	.5	.9	.8	.1	.5	.4	.5
345.	*	.0	.4	.8	.8	.3	.6	.4	.5
350.	*	.0	.4	.8	.7	.4	.6	.4	.4
355.	*	.0	.4	.6	.7	.5	.4	.4	.4
360.	*	.1	.4	.7	.6	.5	.4	.3	.4

S1B130PM.OUT

```

-----*-----
MAX * .6 .5 .9 1.1 .8 .6 .5
DEGR. * 45 330 330 330 305 320 80 60

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 330 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 120 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 250 DEGREES FROM REC2 .

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:08:06.25

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 250	REC3 245	REC4 225	REC5 195	REC6 225	REC7 205	REC8 55	REC9 150	REC10 135	REC11 135	REC12 160	REC13 150	REC14 280	REC15 75	REC16 100	REC17 20	REC18 30	REC19 65	REC20 65
1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.3	.2	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1
4	.5	.4	.3	.2	.1	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.2	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.0	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
28	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
34	.0	.0	.0	.0	.0	.1	.1	.3	.3	.3	.2	.0	.0	.0	.1	.0	.1	.2	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B130 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:08:06.25

RUN: S1 B130 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 45	REC22 330	REC23 330	REC24 330	REC25 305	REC26 320	REC27 80	REC28 60
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.1	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.1	.0	.0	.0	.0	.1	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.1	.0	.0
8	.0	.0	.1	.1	.1	.1	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.1	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.0	.3	.3	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.2	.3	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.1	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B130PM.OUT

REV	25	400	SW	CORNE	251087	525523	5
S1	B230	AM	MUDDY	BRANCH	& GRT	SENECA	43 1 1
1	1						
1	1						
2	1						
3	2						
4	1						
5	2						
6	1						
7	1						
8	1						
9	1						
10	1						
12	2						
12	1						
14	2						
14	1						
15	1						
16	1						
17	1						
18	1						
19	1						
20	1						
21	2						
22	1						
23	1						
24	2						
24	1						
26	2						
27	1						
28	1						
29	1						
30	1						
31	1						
32	1						
33	2						
33	1						

S1B230AM.DAT									
1									
36	2	WB	MUD	BRNAG250760.526164.250655.525806.	150	2.7	0.44.	30.	
36		WB	MUD	BRNAG250674.525869.250743.526106.	150	2.7	0.24.	2	
				138 4.0 150 29.1 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	175	2.7	0.32.	30.	
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	175	2.7	0.32.	30.	
39	2	WB	MUD	BRNAG250624.525915.250656.525956.	150	2.7	0.12.	1	
				118 4.0 175 29.1 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	725	2.7	0.32.	30.	
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	900	2.7	0.44.	30.	
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	900	2.7	0.44.	30.	
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	900	2.7	0.44.	30.	
1.0	0.4	1000.	0.0Y	5 0 72					

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:37:18.65

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	675.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	675.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	525.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	250802.8	525748.9	*	121.	112. AG	190.	100.0	.0	36.0	.72 6.1
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	150.	2.9	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250845.7	525710.0	*	170.	114. AG	144.	100.0	.0	24.0	1.10 8.6
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	675.	2.9	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	850.	2.9	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	850.	2.9	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	3375.	2.9	.0	56.0	
11. 12	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	3175.	2.9	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250320.2	525960.5	*	312.	303. AG	84.	100.0	.0	36.0	.79 15.9
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	200.	2.9	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	250525.7	525852.0	*	77.	301. AG	36.	100.0	.0	12.0	.23 3.9
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	3150.	2.9	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	3525.	2.9	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	3525.	2.9	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1225.	2.7	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1225.	2.7	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	625.	2.7	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250597.2	525501.2	*	224.	198. AG	119.	100.0	.0	24.0	.88 11.4
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	375.	2.7	.0	32.0	
23. 23	EB MUD BRN*	250660.0	525632.0	250703.0	525668.0	*	56.	50. AG	375.	2.7	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	249994.7	525078.0	*	917.	230. AG	59.	100.0	.0	12.0	1.19 46.6
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	225.	2.7	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	225.	2.7	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250609.8	525599.2	*	129.	197. AG	139.	100.0	.0	24.0	.98 6.5
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	900.	2.7	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	525688.0	*	529.	17. AG	900.	2.7	.0	44.0	
30. 30	EB MUD BRN*	250943.0	525688.0	251034.0	526857.0	*	284.	19. AG	900.	2.7	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	900.	2.7	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	900.	2.7	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	575.	2.7	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250721.6	526098.7	*	235.	17. AG	123.	100.0	.0	24.0	.94 11.9
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	150.	2.7	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250721.5	526032.1	*	170.	16. AG	144.	100.0	.0	24.0	1.10 8.6
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	175.	2.7	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	175.	2.7	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	250693.5	526004.0	*	113.	38. AG	61.	100.0	.0	12.0	.64 5.7
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	725.	2.7	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	900.	2.7	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	900.	2.7	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	900.	2.7	.0	44.0	

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:37:18.65

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	122	4.0	525	1659	29.10	3	3
6. 6	NB GRT SEN*	150	138	4.0	150	1717	29.10	3	3
12. 12	SB GRT SEN*	150	54	4.0	3175	2223	29.10	3	3
14. 14	SB GRT SEN*	150	70	4.0	200	1770	29.10	3	3
21. 21	EB MUD BRN*	150	114	4.0	625	1770	29.10	3	3
24. 24	EB MUD BRN*	150	114	4.0	375	1583	29.10	3	3
27. 27	EB MUD BRN*	150	134	4.0	225	1717	29.10	3	3
34. 33	WB MUD BRN*	150	118	4.0	575	1770	29.10	3	3
36. 36	WB MUD BRN*	150	138	4.0	150	1717	29.10	3	3
39. 39	WB MUD BRN*	150	118	4.0	175	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

S1B230AM.OUT

21. REC 21 400' WN CORNE *	250465.0	525365.0	5.0 *
22. REC 22 400' WS CORNE *	250569.0	525278.0	5.0 *
23. REC 23 164' WS CORNE *	250636.0	525507.0	5.0 *
24. REC 24 82' WS CORNER *	250660.0	525580.0	5.0 *
25. REC 25 SW CORNER *	250707.0	525652.0	5.0 *
26. REC 26 82' SW CORNER *	250791.0	525635.0	5.0 *
27. REC 27 164' SW CORNE *	250861.0	525602.0	5.0 *
28. REC 28 400' SW CORNE *	251087.0	525525.0	5.0 *

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
5.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
10.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.2	.2
15.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.3	.4
20.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.3	.5	.5	.6	.4	.4
25.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.3	.5	.5	.5	.4	.4
30.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.3	.5	.6	.5	.3	.5
35.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.0	.0	.0	.3	.5	.6	.5	.4	.5
40.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.0	.0	.0	.3	.5	.7	.6	.6	.3
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.0	.0	.0	.3	.5	.7	.6	.7	.4
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0	.0	.3	.6	.7	.5	.7	.5
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0	.0	.3	.7	.7	.4	.7	.5
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0	.0	.3	.7	.7	.5	.7	.6
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.2	.0	.0	.3	.7	.7	.6	.8	.7
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.6	.2	.1	.0	.3	.7	.6	.6	.7	.7
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.1	.0	.3	.8	.5	.7	.7	.7
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.1	.0	.3	.8	.6	.8	.7	.7
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.3	.2	.0	.4	.6	.6	.9	.6	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.3	.2	.0	.5	.6	.7	.8	.5	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.2	.0	.5	.8	.8	.8	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.2	.0	.5	.9	.8	.8	.5	.7
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.2	.0	.7	.9	.8	.9	.4	.7
110.	*	.2	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.2	.0	.6	.9	.8	.9	.4	.7
115.	*	.2	.1	.1	.1	.0	.0	.0	.1	.3	.6	.6	.3	.2	.1	.6	.8	.7	.7	.4	.6
120.	*	.3	.1	.1	.1	.0	.0	.0	.1	.4	.6	.7	.5	.1	.1	.6	.5	.6	.6	.3	.5
125.	*	.3	.2	.2	.1	.1	.0	.0	.1	.4	.6	.8	.3	.3	.1	.3	.5	.5	.4	.3	.5
130.	*	.3	.3	.2	.1	.1	.0	.0	.1	.4	.7	.7	.4	.4	.3	.3	.3	.4	.5	.3	.6
135.	*	.3	.3	.3	.3	.1	.1	.0	.1	.4	.7	.8	.3	.3	.3	.1	.3	.3	.4	.3	.6
140.	*	.3	.3	.2	.3	.1	.1	.0	.1	.6	.8	.7	.3	.3	.3	.0	.2	.2	.4	.3	.5
145.	*	.3	.3	.3	.5	.1	.1	.0	.1	.6	.9	.6	.2	.4	.3	.0	.1	.2	.4	.3	.5
150.	*	.3	.3	.3	.6	.1	.1	.0	.0	.5	.9	.5	.2	.3	.4	.0	.1	.2	.5	.3	.5
155.	*	.3	.3	.3	.5	.2	.1	.0	.0	.6	.9	.5	.4	.3	.4	.0	.0	.2	.5	.4	.4
160.	*	.3	.3	.3	.6	.2	.1	.0	.0	.7	.9	.4	.4	.3	.4	.0	.0	.1	.4	.3	.3
165.	*	.3	.1	.4	.6	.3	.0	.0	.0	.8	.9	.2	.4	.3	.2	.0	.0	.0	.3	.3	.3
170.	*	.3	.1	.3	.6	.3	.1	.0	.0	.9	.9	.3	.3	.3	.2	.0	.0	.0	.3	.3	.3
175.	*	.3	.1	.3	.6	.3	.3	.0	.1	.8	.7	.4	.3	.3	.2	.0	.0	.0	.3	.3	.3
180.	*	.3	.1	.4	.6	.4	.3	.0	.2	.5	.6	.4	.3	.3	.2	.0	.0	.0	.3	.4	.2
185.	*	.3	.1	.4	.6	.4	.3	.0	.2	.4	.5	.4	.3	.3	.2	.0	.0	.0	.1	.3	.2
190.	*	.3	.2	.4	.6	.4	.3	.0	.2	.3	.4	.2	.3	.3	.2	.0	.0	.0	.2	.3	.2
195.	*	.3	.2	.5	.7	.5	.4	.1	.2	.2	.3	.3	.3	.3	.2	.0	.0	.0	.2	.3	.2
200.	*	.3	.1	.5	.8	.7	.5	.2	.1	.2	.2	.3	.3	.3	.2	.0	.0	.0	.1	.3	.2
205.	*	.3	.1	.6	.9	.6	.4	.3	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.1	.1	.2

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.1	.6	.9	.6	.3	.3	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.1	.1	.1
215.	*	.3	.2	.8	.9	.5	.2	.3	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.1	.1
220.	*	.3	.2	.9	.8	.2	.3	.3	.0	.2	.2	.3	.3	.3	.2	.0	.0	.0	.0	.1	.1
225.	*	.3	.2	1.0	.8	.1	.4	.2	.0	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1
230.	*	.3	.4	1.1	.6	.3	.5	.2	.0	.2	.2	.3	.3	.3	.2	.0	.0	.0	.0	.1	.0
235.	*	.3	.5	1.1	.5	.3	.5	.2	.0	.2	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
240.	*	.3	.5	1.0	.5	.3	.5	.1	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
245.	*	.3	.7	1.0	.3	.5	.6	.1	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
250.	*	.3	.7	.9	.3	.6	.6	.1	.0	.0	.2	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.8	.8	.4	.6	.6	.1	.0	.1	.2	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0
260.	*	.1	.7	.9	.3	.6	.5	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
265.	*	.2	.7	.9	.3	.6	.5	.1	.0	.1	.1	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0
270.	*	.2	.7	.7	.3	.6	.5	.1	.0	.1	.1	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0
275.	*	.3	.8	.6	.3	.6	.5	.1	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.3	.8	.6	.3	.5	.5	.1	.0	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.3	.6	.4	.5	.5	.5	.1	.0	.1	.1	.2	.2	.3	.3	.1	.0	.1	.0	.0	.0
290.	*	.2	.5	.4	.5	.5	.3	.1	.0	.0	.1	.2	.2	.3	.2	.1	.2	.2	.1	.0	.0
295.	*	.0	.3	.3	.4	.5	.3	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.3	.3	.0	.0
300.	*	.0	.1	.3	.4	.4	.3	.1	.0	.0	.0	.1	.2	.2	.2	.3	.4	.4	.4	.0	.0
305.	*	.0	.3	.2	.3	.4	.3	.1	.0	.0	.0	.0	.2	.2	.1	.4	.5	.6	.6	.0	.1
310.	*	.0	.2	.2	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.6	.1	.1
315.	*	.0	.2	.2	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.7	.8	.8	.1	.2
320.	*	.0	.2	.2	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.8	.8	.1	.3
325.	*	.0	.2	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.7	.8	.7	.1	.3
330.	*	.0	.1	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.7	.7	.7	.2	.2
335.	*	.0	.0	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.7	.5	.2	.2
340.	*	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.5	.2	.2
345.	*	.0	.0	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2
350.	*	.0	.0	.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2
355.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.2	.2

360.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	S1B230AM.OUT	.0	.0	.0	.0	.0	.3	.5	.5	.4	.2	.2
MAX	*	.3	.8	1.1	.9	.7	.6	.3	.2	.9	.9	.8	.5	.4	.4	.7	.9	.8	.9	.8	.7	
DEGR.	*	120	255	230	205	200	245	205	180	170	145	135	120	130	150	105	100	105	105	65	65	

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.2	.8	.8	.6	.7	.4	.3
5.	*	.1	.2	.8	.8	.7	.5	.2	.3
10.	*	.2	.2	.6	.8	.6	.5	.3	.3
15.	*	.2	.2	.7	.5	.5	.5	.3	.3
20.	*	.2	.1	.4	.5	.6	.5	.3	.3
25.	*	.3	.0	.4	.4	.6	.4	.3	.3
30.	*	.4	.0	.3	.3	.6	.4	.3	.3
35.	*	.3	.0	.3	.3	.6	.3	.3	.3
40.	*	.2	.0	.2	.3	.5	.3	.3	.3
45.	*	.2	.0	.1	.3	.5	.2	.3	.3
50.	*	.3	.0	.1	.2	.4	.2	.3	.3
55.	*	.2	.1	.1	.2	.4	.2	.3	.3
60.	*	.2	.1	.1	.1	.3	.2	.3	.3
65.	*	.3	.1	.1	.1	.3	.3	.3	.3
70.	*	.3	.0	.1	.2	.3	.3	.4	.4
75.	*	.3	.0	.1	.2	.3	.3	.4	.4
80.	*	.2	.0	.1	.1	.3	.3	.4	.4
85.	*	.2	.0	.1	.1	.3	.4	.4	.4
90.	*	.2	.0	.1	.1	.3	.4	.4	.5
95.	*	.2	.0	.1	.1	.3	.4	.4	.5
100.	*	.2	.0	.0	.1	.3	.4	.4	.5
105.	*	.2	.0	.0	.1	.3	.4	.4	.4
110.	*	.2	.0	.0	.0	.1	.3	.3	.4
115.	*	.2	.0	.0	.0	.1	.2	.2	.3
120.	*	.2	.0	.0	.0	.1	.1	.1	.1
125.	*	.2	.0	.0	.0	.0	.1	.1	.1
130.	*	.2	.0	.0	.0	.0	.0	.1	.1
135.	*	.2	.0	.0	.0	.0	.0	.0	.0
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.1	.0	.0	.0	.0	.0
195.	*	.1	.0	.1	.1	.0	.0	.0	.0
200.	*	.1	.0	.1	.1	.0	.0	.0	.0
205.	*	.1	.2	.1	.2	.1	.0	.0	.0

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.2	.1	.3	.1	.0	.0	.0
215.	*	.0	.2	.1	.4	.2	.0	.0	.0
220.	*	.0	.1	.1	.4	.3	.0	.0	.0
225.	*	.0	.1	.1	.5	.4	.0	.0	.0
230.	*	.0	.1	.1	.4	.4	.0	.0	.0
235.	*	.0	.1	.2	.4	.5	.2	.0	.0
240.	*	.1	.1	.2	.4	.6	.2	.0	.0
245.	*	.1	.1	.3	.4	.6	.2	.0	.0
250.	*	.1	.1	.3	.4	.5	.2	.1	.0
255.	*	.1	.1	.3	.4	.6	.2	.2	.0
260.	*	.1	.1	.3	.4	.6	.3	.2	.0
265.	*	.1	.1	.4	.4	.6	.3	.1	.0
270.	*	.1	.1	.4	.4	.6	.3	.1	.1
275.	*	.1	.1	.4	.4	.6	.3	.2	.1
280.	*	.1	.1	.4	.5	.6	.2	.2	.1
285.	*	.1	.1	.4	.5	.6	.2	.3	.2
290.	*	.1	.1	.5	.5	.6	.4	.3	.4
295.	*	.1	.1	.4	.5	.7	.4	.5	.4
300.	*	.1	.1	.4	.6	.9	.7	.3	.6
305.	*	.1	.1	.4	.7	.8	.5	.6	.7
310.	*	.1	.1	.4	.7	.8	.6	.6	.5
315.	*	.1	.1	.5	.8	.9	.6	.6	.4
320.	*	.1	.1	.5	.9	.6	.6	.5	.4
325.	*	.1	.1	.5	.9	.6	.5	.6	.4
330.	*	.1	.1	.6	1.0	.6	.6	.7	.4
335.	*	.1	.1	.8	1.0	.5	.9	.9	.3
340.	*	.1	.1	.8	.8	.2	.9	.5	.3
345.	*	.1	.1	.7	.8	.6	.9	.5	.3
350.	*	.1	.1	.9	.9	.6	.9	.4	.3
355.	*	.1	.1	.8	.8	.6	.7	.4	.3
360.	*	.1	.2	.8	.8	.6	.7	.4	.3

```

-----*-----
MAX * .4 .2 .9 1.0 .9 .9 .9 .7
DEGR. * 30 0 350 330 315 335 335 305

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 230 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 330 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 205 DEGREES FROM REC4 .

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:37:18.65

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 255	REC3 230	REC4 205	REC5 200	REC6 245	REC7 205	REC8 180	REC9 170	REC10 145	REC11 135	REC12 120	REC13 130	REC14 150	REC15 105	REC16 100	REC17 105	REC18 105	REC19 65	REC20 65
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.5	.3	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.1	.0	.0
12	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.1	.3	.1	.1
16	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
17	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
28	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B230 AM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:37:18.65

RUN: S1 B230 AM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 30	REC22 0	REC23 350	REC24 330	REC25 315	REC26 335	REC27 335	REC28 305
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.2	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.2	.2	.1
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.1	.1	.2	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.1	.3	.3	.1
16	.0	.0	.0	.0	.0	.1	.4	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.0	.0	.0
22	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.1	.0	.1	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.1	.0	.2	.3	.1	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.1	.1	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S1B230AM.OUT

S1B230PM.DAT

S1 B230 PM MUDDY BRANCH & GRT SENECA	60.0175.0.0000.000280.30480000	11	1
REC 1 400' SE CORNER	251111. 525660. 5.		
REC 2 164' SE CORNER	250889. 525749. 5.		
REC 3 82' SE CORNER	250816. 525785. 5.		
REC 4 SE CORNER	250754. 525837. 5.		
REC 5 82' ES CORNER	250764. 525917. 5.		
REC 6 164' ES CORNER	250788. 525993. 5.		
REC 7 400' ES CORNER	250858. 526219. 5.		
REC 8 400' EN CORNER	250737. 526302. 5.		
REC 9 164' EN CORNER	250672. 526077. 5.		
REC 10 82' EN CORNER	250652. 525997. 5.		
REC 11 NE CORNER	250615. 525931. 5.		
REC 12 82' NE CORNER	250530. 525947. 5.		
REC 13 164' NE CORNE	250462. 525991. 5.		
REC 14 400' NE CORNE	250262. 526118. 5.		
REC 15 400' NW CORNE	250241. 525972. 5.		
REC 16 164' NW CORNE	250439. 525843. 5.		
REC 17 82' NW CORNER	250507. 525801. 5.		
REC 18 NW CORNER	250578. 525751. 5.		
REC 19 164' WN CORNE	250538. 525591. 5.		
REC 20 82' WN CORNER	250562. 525666. 5.		
REC 21 400' WN CORNE	250465. 525365. 5.		
REC 22 400' WS CORNE	250569. 525278. 5.		
REC 23 164' WS CORNE	250636. 525507. 5.		
REC 24 82' WS CORNER	250660. 525580. 5.		
REC 25 SW CORNER	250707. 525652. 5.		
REC 26 82' SW CORNER	250791. 525635. 5.		
REC 27 164' SW CORNE	250861. 525602. 5.		
REC 28 400' SW CORNE	251087. 525525. 5.		

S1 B230 PM MUDDY BRANCH & GRT SENECA	43	1	1
1			
1	NB GRT SENAG251728.525425.251209.525599.	2750	2.9 0. 68. 30.
2			
1	NB GRT SENAG251209.525599.251056.525645.	2750	2.9 0. 68. 30.
3			
2	NB GRT SENAG251056.525645.250655.525809.	2500	2.9 0. 56. 30.
4			
150	NB GRT SENAG250691.525795.250936.525694. 83 4.0 2500 29.1 1675 3 3	0.	36. 3
5			
2	NB GRT SENAG250998.525644.250646.525797.	250	2.9 0. 44. 30.
6			
150	NB GRT SENAG250690.525778.250942.525668. 128 4.0 250 29.1 1717 3 3	0.	24. 2
7			
1	NB GRT SENAG250660.525808.250540.525898.	2650	2.9 0. 68. 30.
8			
1	NB GRT SENAG250540.525898.250105.526187.	3350	2.9 0. 56. 30.
9			
1	NB GRT SENAG250105.526187.249727.526430.	3350	2.9 0. 56. 30.
10			
1	SB GRT SENAG249695.526367.250335.525951.	1300	2.9 0. 56. 30.
12			
2	SB GRT SENAG250335.525951.250627.525761.	900	2.9 0. 56. 30.
12			
150	SB GRT SENAG250582.525790.250430.525889. 73 4.0 900 29.1 2223 3 3	0.	36. 3
14			
2	SB GRT SENAG250435.525908.250640.525782.	400	2.9 0. 32. 30.
14			
150	SB GRT SENAG250591.525812.250444.525902. 118 4.0 400 29.1 1770 3 3	0.	12. 1
15			
1	SB GRT SENAG250625.525762.250865.525642.	600	2.9 0. 56. 30.
16			
1	SB GRT SENAG250865.525642.251343.525474.	800	2.9 0. 68. 30.
17			
1	SB GRT SENAG251343.525474.251707.525357.	800	2.9 0. 68. 30.
18			
1	EB MUD BRNAG250316.524710.250487.525156.	1275	2.7 0. 56. 30.
19			
1	EB MUD BRNAG250487.525156.250604.525521.	1275	2.7 0. 56. 30.
20			
2	EB MUD BRNAG250604.525521.250682.525760.	725	2.7 0. 44. 30.
21			
150	EB MUD BRNAG250666.525714.250613.525550. 105 4.0 725 29.1 1770 3 3	0.	24. 2
22			
1	EB MUD BRNAG250607.525468.250660.525632.	200	2.7 0. 32. 30.
23			
2	EB MUD BRNAG250660.525632.250703.525668.	200	2.7 0. 32. 30.
24			
150	EB MUD BRNAG250699.525665.250663.525635. 105 4.0 200 29.1 1583 3 3	0.	12. 1
24			
1	EB MUD BRNAG250703.525668.250817.525668.	350	2.7 0. 32. 30.
26			
2	EB MUD BRNAG250572.525479.250662.525766.	350	2.7 0. 44. 30.
27			
150	EB MUD BRNAG250648.525722.250587.525526. 133 4.0 350 29.1 1717 3 3	0.	24. 2
28			
1	EB MUD BRNAG250683.525760.250790.526082.	1325	2.7 0. 44. 30.
29			
1	EB MUD BRNAG250790.526082.250943.526588.	1325	2.7 0. 44. 30.
30			
1	EB MUD BRNAG250943.526588.251034.526857.	1325	2.7 0. 44. 30.
31			
1	WB MUD BRNAG250963.526877.250887.526612.	1675	2.7 0. 44. 30.
32			
1	WB MUD BRNAG250887.526612.250763.526237.	1675	2.7 0. 56. 30.
33			
2	WB MUD BRNAG250763.526237.250636.525813.	875	2.7 0. 44. 30.
33			
150	WB MUD BRNAG250654.525874.250725.526110. 110 4.0 875 29.1 1770 3 3	0.	24. 2

36	1	WB	MUD	BRNAG250760.526164.250655.525806.	100	2.7	0.	44.	30.
36	2	WB	MUD	BRNAG250674.525869.250743.526106.	0.	24.	2		
		150		138 4.0 100 29.1 1717 3 3					
37	1	WB	MUD	BRNAG250724.526171.250657.525957.	700	2.7	0.	32.	30.
38	1	WB	MUD	BRNAG250657.525957.250621.525911.	700	2.7	0.	32.	30.
39	2	WB	MUD	BRNAG250624.525915.250656.525956.	0.	12.	1		
		150		110 4.0 700 29.1 1583 3 3					
39	1	WB	MUD	BRNAG250621.525911.250533.525911.	1125	2.7	0.	32.	30.
41	1	WB	MUD	BRNAG250636.525815.250536.525516.	1525	2.7	0.	44.	30.
42	1	WB	MUD	BRNAG250536.525516.250427.525178.	1525	2.7	0.	44.	30.
43	1	WB	MUD	BRNAG250427.525178.250260.524735.	1525	2.7	0.	44.	30.
1.0	0.4	1000.	0.0Y	5 0 72					

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:41:31.19

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB GRT SEN*	251728.0	525425.0	251209.0	525599.0	*	547.	289. AG	2750.	2.9	.0	68.0	
2. 2	NB GRT SEN*	251209.0	525599.0	251056.0	525645.0	*	160.	287. AG	2750.	2.9	.0	68.0	
3. 3	NB GRT SEN*	251056.0	525645.0	250655.0	525809.0	*	433.	292. AG	2500.	2.9	.0	56.0	
4. 4	NB GRT SEN*	250691.0	525795.0	252566.8	525021.8	*	2029.	112. AG	130.	100.0	.0	36.0	1.22 103.1
5. 5	NB GRT SEN*	250998.0	525644.0	250646.0	525797.0	*	384.	293. AG	250.	2.9	.0	44.0	
6. 6	NB GRT SEN*	250690.0	525778.0	250773.1	525741.7	*	91.	114. AG	133.	100.0	.0	24.0	.68 4.6
7. 7	NB GRT SEN*	250660.0	525808.0	250540.0	525898.0	*	150.	307. AG	2650.	2.9	.0	68.0	
8. 8	NB GRT SEN*	250540.0	525898.0	250105.0	526187.0	*	522.	304. AG	3350.	2.9	.0	56.0	
9. 9	NB GRT SEN*	250105.0	526187.0	249727.0	526430.0	*	449.	303. AG	3350.	2.9	.0	56.0	
10. 10	SB GRT SEN*	249695.0	526367.0	250335.0	525951.0	*	763.	123. AG	1300.	2.9	.0	56.0	
11. 11	SB GRT SEN*	250335.0	525951.0	250627.0	525761.0	*	348.	123. AG	900.	2.9	.0	56.0	
12. 12	SB GRT SEN*	250582.0	525790.0	250481.7	525855.4	*	120.	303. AG	114.	100.0	.0	36.0	.29 6.1
13. 14	SB GRT SEN*	250435.0	525908.0	250640.0	525782.0	*	241.	122. AG	400.	2.9	.0	32.0	
14. 14	SB GRT SEN*	250591.0	525812.0	249487.3	526487.9	*	1294.	301. AG	61.	100.0	.0	12.0	1.31 65.7
15. 15	SB GRT SEN*	250625.0	525762.0	250865.0	525642.0	*	268.	117. AG	600.	2.9	.0	56.0	
16. 16	SB GRT SEN*	250865.0	525642.0	251343.0	525474.0	*	507.	109. AG	800.	2.9	.0	68.0	
17. 17	SB GRT SEN*	251343.0	525474.0	251707.0	525357.0	*	382.	108. AG	800.	2.9	.0	68.0	
18. 18	EB MUD BRN*	250316.0	524710.0	250487.0	525156.0	*	478.	21. AG	1275.	2.7	.0	56.0	
19. 19	EB MUD BRN*	250487.0	525156.0	250604.0	525521.0	*	383.	18. AG	1275.	2.7	.0	56.0	
20. 20	EB MUD BRN*	250604.0	525521.0	250682.0	525760.0	*	251.	18. AG	725.	2.7	.0	44.0	
21. 21	EB MUD BRN*	250666.0	525714.0	250600.3	525510.7	*	214.	198. AG	109.	100.0	.0	24.0	.79 10.9
22. 22	EB MUD BRN*	250607.0	525468.0	250660.0	525632.0	*	172.	18. AG	200.	2.7	.0	32.0	
23. 23	EB MUD BRN*	250666.0	525632.0	250703.0	525668.0	*	56.	50. AG	200.	2.7	.0	32.0	
24. 24	EB MUD BRN*	250699.0	525665.0	250610.8	525591.5	*	115.	230. AG	55.	100.0	.0	12.0	.49 5.8
25. 24	EB MUD BRN*	250703.0	525668.0	250817.0	525668.0	*	114.	90. AG	350.	2.7	.0	32.0	
26. 26	EB MUD BRN*	250572.0	525479.0	250662.0	525766.0	*	301.	17. AG	350.	2.7	.0	44.0	
27. 27	EB MUD BRN*	250648.0	525722.0	250441.3	525057.8	*	696.	197. AG	138.	100.0	.0	24.0	1.40 35.3
28. 28	EB MUD BRN*	250683.0	525760.0	250790.0	526082.0	*	339.	18. AG	1325.	2.7	.0	44.0	
29. 29	EB MUD BRN*	250790.0	526082.0	250943.0	526588.0	*	529.	17. AG	1325.	2.7	.0	44.0	
30. 30	EB MUD BRN*	250943.0	526588.0	251034.0	526857.0	*	284.	19. AG	1325.	2.7	.0	44.0	
31. 31	WB MUD BRN*	250963.0	526877.0	250887.0	526612.0	*	276.	196. AG	1675.	2.7	.0	44.0	
32. 32	WB MUD BRN*	250887.0	526612.0	250763.0	526237.0	*	395.	198. AG	1675.	2.7	.0	56.0	
33. 33	WB MUD BRN*	250763.0	526237.0	250636.0	525813.0	*	443.	197. AG	875.	2.7	.0	44.0	
34. 33	WB MUD BRN*	250654.0	525874.0	250862.3	526566.3	*	723.	17. AG	114.	100.0	.0	24.0	1.09 36.7
35. 36	WB MUD BRN*	250760.0	526164.0	250655.0	525806.0	*	373.	196. AG	100.	2.7	.0	44.0	
36. 36	WB MUD BRN*	250674.0	525869.0	250686.5	525911.9	*	45.	16. AG	144.	100.0	.0	24.0	.74 2.3
37. 37	WB MUD BRN*	250724.0	526171.0	250657.0	525957.0	*	224.	197. AG	700.	2.7	.0	32.0	
38. 38	WB MUD BRN*	250657.0	525957.0	250621.0	525911.0	*	58.	218. AG	700.	2.7	.0	32.0	
39. 39	WB MUD BRN*	250624.0	525915.0	253064.8	529041.7	*	3967.	38. AG	57.	100.0	.0	12.0	1.96 201.5
40. 39	WB MUD BRN*	250621.0	525911.0	250533.0	525911.0	*	88.	270. AG	1125.	2.7	.0	32.0	
41. 41	WB MUD BRN*	250636.0	525815.0	250536.0	525516.0	*	315.	198. AG	1525.	2.7	.0	44.0	
42. 42	WB MUD BRN*	250536.0	525516.0	250427.0	525178.0	*	355.	198. AG	1525.	2.7	.0	44.0	
43. 43	WB MUD BRN*	250427.0	525178.0	250260.0	524735.0	*	473.	201. AG	1525.	2.7	.0	44.0	

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA
DATE: 12/20/2006 TIME: 15:41:31.19

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB GRT SEN*	150	83	4.0	2500	1675	29.10	3	3
6. 6	NB GRT SEN*	150	128	4.0	250	1717	29.10	3	3
12. 12	SB GRT SEN*	150	73	4.0	900	2223	29.10	3	3
14. 14	SB GRT SEN*	150	118	4.0	400	1770	29.10	3	3
21. 21	EB MUD BRN*	150	105	4.0	725	1770	29.10	3	3
24. 24	EB MUD BRN*	150	105	4.0	200	1583	29.10	3	3
27. 27	EB MUD BRN*	150	133	4.0	350	1717	29.10	3	3
34. 33	WB MUD BRN*	150	110	4.0	875	1770	29.10	3	3
36. 36	WB MUD BRN*	150	138	4.0	100	1717	29.10	3	3
39. 39	WB MUD BRN*	150	110	4.0	700	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	251111.0	525660.0	5.0	*
2. REC 2 164' SE CORNER	*	250889.0	525749.0	5.0	*
3. REC 3 82' SE CORNER	*	250816.0	525785.0	5.0	*
4. REC 4 SE CORNER	*	250754.0	525837.0	5.0	*
5. REC 5 82' ES CORNER	*	250764.0	525917.0	5.0	*
6. REC 6 164' ES CORNER	*	250788.0	525993.0	5.0	*
7. REC 7 400' ES CORNER	*	250858.0	526219.0	5.0	*
8. REC 8 400' EN CORNER	*	250737.0	526302.0	5.0	*
9. REC 9 164' EN CORNER	*	250672.0	526077.0	5.0	*
10. REC 10 82' EN CORNER	*	250652.0	525997.0	5.0	*
11. REC 11 NE CORNER	*	250615.0	525931.0	5.0	*
12. REC 12 82' NE CORNER	*	250530.0	525947.0	5.0	*
13. REC 13 164' NE CORNE	*	250462.0	525991.0	5.0	*
14. REC 14 400' NE CORNE	*	250262.0	526118.0	5.0	*
15. REC 15 400' NW CORNE	*	250241.0	525972.0	5.0	*
16. REC 16 164' NW CORNE	*	250439.0	525843.0	5.0	*
17. REC 17 82' NW CORNER	*	250507.0	525801.0	5.0	*
18. REC 18 NW CORNER	*	250578.0	525751.0	5.0	*
19. REC 19 164' WN CORNE	*	250538.0	525591.0	5.0	*
20. REC 20 82' WN CORNER	*	250562.0	525666.0	5.0	*

21. REC 21 400' WN CORNE * 250465.0 525365.0 5.0 *
 22. REC 22 400' WS CORNE * 250569.0 525278.0 5.0 *
 23. REC 23 164' WS CORNE * 250636.0 525507.0 5.0 *
 24. REC 24 82' WS CORNER * 250660.0 525580.0 5.0 *
 25. REC 25 SW CORNER * 250707.0 525652.0 5.0 *
 26. REC 26 82' SW CORNER * 250791.0 525635.0 5.0 *
 27. REC 27 164' SW CORNE * 250861.0 525602.0 5.0 *
 28. REC 28 400' SW CORNE * 251087.0 525525.0 5.0 *

S1B230PM.OUT

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.2	.2
5.	*	.0	.0	.1	.3	.3	.4	.6	.0	.1	.1	.0	.0	.0	.0	.3	.3	.6	.6	.2	.4
10.	*	.0	.0	.0	.3	.4	.4	.5	.1	.1	.2	.1	.0	.0	.0	.3	.3	.6	.4	.3	.4
15.	*	.0	.0	.0	.3	.4	.4	.5	.2	.2	.3	.1	.0	.0	.0	.3	.3	.7	.5	.2	.3
20.	*	.0	.0	.0	.1	.2	.3	.5	.2	.3	.3	.2	.0	.0	.0	.3	.3	.8	.6	.3	.4
25.	*	.0	.0	.0	.1	.2	.2	.6	.3	.5	.5	.3	.1	.0	.0	.3	.3	.8	.6	.4	.5
30.	*	.0	.0	.0	.1	.1	.1	.7	.3	.6	.6	.3	.1	.0	.0	.3	.4	.8	.7	.5	.5
35.	*	.0	.0	.0	.0	.1	.1	.6	.4	.6	.6	.7	.1	.1	.0	.3	.4	.8	.6	.4	.4
40.	*	.0	.0	.0	.0	.0	.1	.6	.4	.7	.7	.6	.2	.1	.0	.3	.5	.8	.5	.5	.2
45.	*	.0	.0	.0	.0	.0	.0	.6	.5	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.5
50.	*	.0	.0	.0	.0	.0	.0	.5	.5	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.6
55.	*	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.6	.2	.2	.0	.3	.5	.8	.5	.7	.6
60.	*	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.6	.2	.2	.0	.4	.7	.7	.5	.7	.7
65.	*	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.6	.2	.1	.0	.4	.6	.7	.5	.8	.8
70.	*	.0	.0	.0	.0	.0	.0	.3	.4	.5	.6	.6	.2	.1	.0	.4	.5	.6	.5	.8	.8
75.	*	.0	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.1	.5	.6	.6	.5	.7	.6
80.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.1	.5	.5	.8	.5	.6	.6
85.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.0	.4	.5	.7	.5	.6	.7
90.	*	.1	.0	.0	.0	.0	.0	.2	.3	.5	.6	.6	.2	.1	.0	.3	.6	.7	.5	.5	.7
95.	*	.3	.1	.1	.0	.0	.0	.2	.3	.5	.6	.7	.1	.1	.0	.3	.8	.8	.6	.5	.6
100.	*	.4	.2	.1	.1	.0	.0	.1	.3	.5	.5	.7	.1	.1	.1	.4	.9	.7	.7	.5	.5
105.	*	.5	.4	.3	.1	.0	.0	.1	.3	.5	.5	.8	.2	.2	.1	.4	.8	.7	.6	.5	.5
110.	*	.7	.6	.5	.2	.1	.0	.1	.3	.5	.6	.8	.4	.2	.2	.5	.6	.6	.7	.5	.6
115.	*	.8	.8	.7	.4	.1	.1	.1	.3	.6	.6	.7	.7	.4	.3	.4	.6	.6	.4	.4	.6
120.	*	1.0	.9	.6	.4	.2	.1	.1	.3	.6	.7	.8	.6	.5	.4	.4	.3	.5	.4	.4	.5
125.	*	.9	.9	.7	.4	.2	.1	.1	.3	.6	.6	.9	.5	.6	.5	.1	.4	.4	.3	.4	.4
130.	*	.9	.8	.8	.5	.2	.1	.2	.4	.6	.7	.9	.7	.5	.5	.0	.3	.3	.4	.4	.4
135.	*	.9	.8	.7	.5	.3	.1	.2	.4	.6	.8	1.0	.6	.6	.6	.1	.2	.3	.4	.4	.4
140.	*	.7	.8	.7	.5	.3	.1	.2	.4	.6	.8	.9	.6	.5	.6	.1	.2	.3	.4	.4	.4
145.	*	.7	.7	.7	.5	.3	.1	.2	.4	.6	.9	.8	.4	.5	.6	.1	.2	.3	.4	.4	.4
150.	*	.7	.7	.6	.5	.3	.2	.2	.4	.9	1.0	.8	.5	.7	.6	.1	.1	.3	.4	.4	.5
155.	*	.7	.7	.6	.5	.3	.2	.2	.5	.9	.9	.6	.7	.6	.6	.1	.1	.3	.4	.5	.5
160.	*	.7	.6	.6	.6	.2	.2	.3	.5	.9	1.0	.3	.8	.6	.6	.1	.1	.3	.4	.5	.5
165.	*	.7	.6	.5	.5	.2	.2	.3	.5	.8	.9	.4	.8	.6	.5	.0	.1	.1	.4	.6	.6
170.	*	.6	.6	.5	.5	.2	.2	.3	.6	.7	.8	.4	.6	.6	.5	.0	.1	.1	.4	.6	.6
175.	*	.5	.6	.5	.5	.3	.2	.3	.4	.7	.7	.6	.6	.6	.5	.0	.1	.1	.4	.7	.5
180.	*	.5	.5	.5	.5	.3	.2	.3	.4	.6	.9	.7	.6	.5	.5	.0	.1	.1	.4	.6	.6
185.	*	.5	.5	.5	.6	.3	.2	.4	.5	.6	.6	.7	.6	.4	.5	.0	.0	.1	.3	.4	.5
190.	*	.6	.5	.5	.6	.4	.4	.5	.4	.5	.4	.6	.6	.4	.5	.0	.0	.1	.3	.4	.5
195.	*	.6	.5	.5	.7	.6	.5	.5	.3	.4	.4	.5	.5	.4	.5	.0	.0	.0	.2	.3	.4
200.	*	.5	.5	.6	.8	.6	.4	.6	.1	.3	.3	.5	.5	.4	.5	.0	.0	.0	.2	.3	.3
205.	*	.5	.5	.6	.8	.7	.4	.9	.1	.1	.3	.4	.5	.4	.5	.0	.0	.0	.2	.2	.2

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.5	.6	.6	.8	.6	.3	.8	.0	.0	.2	.4	.5	.4	.5	.0	.0	.0	.0	.1	.1
215.	*	.5	.6	.8	.7	.4	.3	.9	.0	.0	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
220.	*	.5	.6	.8	.9	.3	.3	.9	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
225.	*	.5	.6	.8	.8	.1	.5	.9	.0	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
230.	*	.5	.7	.8	.7	.3	.5	.8	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
235.	*	.7	.8	.9	.5	.3	.4	.7	.1	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
240.	*	.8	.8	.9	.4	.4	.3	.7	.1	.1	.1	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
245.	*	.8	.8	.9	.3	.5	.2	.6	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.8	.9	.9	.4	.5	.2	.6	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	*	.8	1.0	.8	.4	.5	.4	.4	.0	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	*	.8	.9	.7	.4	.4	.4	.4	.0	.1	.1	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
265.	*	.9	.8	.7	.4	.5	.4	.4	.0	.1	.1	.4	.4	.5	.6	.0	.0	.0	.0	.0	.0
270.	*	.8	.8	.6	.4	.4	.4	.4	.0	.1	.1	.4	.5	.6	.6	.0	.0	.0	.0	.0	.0
275.	*	.9	.8	.7	.4	.5	.4	.4	.0	.1	.1	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0
280.	*	.8	.8	.7	.4	.4	.4	.3	.0	.1	.1	.3	.5	.6	.7	.0	.0	.0	.0	.0	.0
285.	*	.8	.7	.6	.5	.3	.4	.3	.0	.0	.1	.3	.6	.6	.7	.0	.0	.0	.0	.0	.0
290.	*	.6	.7	.5	.6	.3	.3	.4	.0	.0	.1	.3	.6	.6	.7	.0	.0	.0	.0	.0	.0
295.	*	.4	.5	.5	.6	.3	.3	.4	.0	.0	.1	.3	.5	.6	.6	.1	.0	.0	.0	.0	.0
300.	*	.3	.3	.2	.4	.2	.3	.4	.0	.0	.0	.1	.5	.5	.4	.2	.2	.2	.3	.0	.0
305.	*	.3	.2	.2	.4	.2	.3	.4	.0	.0	.0	.1	.3	.4	.4	.3	.3	.4	.4	.0	.0
310.	*	.0	.1	.2	.4	.2	.3	.4	.0	.0	.0	.1	.2	.2	.3	.4	.5	.5	.5	.0	.0
315.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.1	.1	.2	.4	.5	.4	.5	.0	.2
320.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.1	.1	.1	.5	.4	.4	.6	.0	.2
325.	*	.0	.1	.1	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1	.5	.4	.6	.6	.1	.2
330.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.4	.6	.6	.1	.3
335.	*	.0	.1	.1	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.1	.3
340.	*	.0	.1	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.1	.3
345.	*	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.1	.3
350.	*	.0	.1	.1	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.6	.2	.2
355.	*	.0	.1	.1	.3	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.5	.2	.1

360.	*	.0	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.2	.2
MAX	*	1.0	1.0	.9	.9	.7	.5	.9	.6	.9	1.0	1.0	.8	.7	.7	.5	.9	.8	.7	.8	.8
DEGR.	*	120	255	235	220	205	195	215	170	150	150	135	160	150	280	75	100	20	30	65	65

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.4	.7	.6	.5	.4	.3	.4
5.	*	.1	.4	.7	.6	.5	.4	.3	.4
10.	*	.1	.5	.6	.7	.5	.3	.3	.4
15.	*	.3	.3	.4	.6	.4	.3	.3	.4
20.	*	.5	.2	.3	.6	.3	.3	.4	.4
25.	*	.6	.1	.3	.4	.3	.3	.4	.4
30.	*	.5	.1	.2	.3	.3	.3	.4	.4
35.	*	.5	.1	.2	.2	.3	.3	.4	.4
40.	*	.5	.1	.2	.2	.3	.3	.4	.4
45.	*	.6	.1	.2	.2	.2	.3	.4	.4
50.	*	.6	.1	.2	.2	.3	.3	.4	.4
55.	*	.6	.1	.2	.2	.3	.3	.4	.4
60.	*	.6	.1	.1	.2	.3	.3	.4	.5
65.	*	.6	.1	.1	.2	.3	.3	.4	.5
70.	*	.6	.1	.1	.2	.3	.3	.4	.4
75.	*	.5	.1	.1	.2	.3	.3	.4	.4
80.	*	.5	.1	.1	.1	.3	.3	.5	.4
85.	*	.5	.1	.1	.1	.3	.3	.4	.4
90.	*	.5	.1	.1	.1	.3	.4	.5	.4
95.	*	.5	.0	.1	.1	.2	.4	.4	.4
100.	*	.4	.0	.1	.1	.2	.4	.4	.4
105.	*	.4	.0	.1	.1	.2	.4	.4	.4
110.	*	.4	.0	.0	.1	.1	.2	.2	.3
115.	*	.4	.0	.0	.0	.1	.1	.1	.1
120.	*	.4	.0	.0	.0	.0	.1	.0	.1
125.	*	.4	.0	.0	.0	.0	.0	.0	.0
130.	*	.4	.0	.0	.0	.0	.0	.0	.0
135.	*	.4	.0	.0	.0	.0	.0	.0	.0
140.	*	.4	.0	.0	.0	.0	.0	.0	.0
145.	*	.5	.0	.0	.0	.0	.0	.0	.0
150.	*	.5	.0	.0	.0	.0	.0	.0	.0
155.	*	.5	.0	.0	.0	.0	.0	.0	.0
160.	*	.5	.0	.0	.0	.0	.0	.0	.0
165.	*	.5	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.2	.1	.0	.0	.0	.0
195.	*	.4	.1	.2	.2	.1	.0	.0	.0
200.	*	.2	.2	.3	.3	.1	.0	.0	.0
205.	*	.1	.3	.3	.4	.3	.1	.0	.0

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.4	.4	.5	.3	.1	.0	.0
215.	*	.1	.5	.4	.6	.3	.1	.0	.0
220.	*	.0	.4	.5	.7	.3	.1	.1	.0
225.	*	.0	.5	.5	.7	.5	.1	.1	.0
230.	*	.0	.4	.5	.7	.5	.1	.1	.0
235.	*	.0	.4	.5	.6	.5	.2	.1	.0
240.	*	.0	.4	.5	.7	.5	.2	.1	.0
245.	*	.0	.4	.5	.7	.6	.2	.1	.1
250.	*	.0	.4	.5	.6	.7	.2	.1	.1
255.	*	.0	.4	.4	.5	.7	.2	.2	.1
260.	*	.0	.4	.3	.6	.7	.2	.2	.1
265.	*	.0	.4	.4	.6	.7	.2	.2	.1
270.	*	.0	.4	.4	.6	.7	.2	.2	.1
275.	*	.0	.4	.4	.6	.7	.2	.2	.1
280.	*	.0	.4	.4	.6	.7	.2	.2	.1
285.	*	.0	.4	.5	.6	.7	.2	.2	.0
290.	*	.0	.4	.5	.7	.7	.2	.2	.1
295.	*	.0	.4	.6	.7	.6	.2	.1	.2
300.	*	.0	.4	.5	.7	.6	.3	.0	.3
305.	*	.0	.4	.5	.7	.9	.2	.3	.3
310.	*	.0	.4	.5	.7	.7	.3	.4	.4
315.	*	.0	.4	.5	.9	.6	.4	.5	.4
320.	*	.0	.4	.7	.9	.7	.6	.4	.4
325.	*	.0	.4	.9	1.0	.6	.4	.4	.4
330.	*	.0	.5	.9	1.1	.5	.4	.5	.4
335.	*	.0	.5	.9	1.0	.3	.5	.4	.4
340.	*	.0	.5	.9	.8	.1	.5	.4	.5
345.	*	.0	.4	.8	.8	.3	.6	.4	.5
350.	*	.0	.4	.8	.7	.4	.6	.4	.4
355.	*	.0	.4	.7	.7	.5	.5	.4	.4
360.	*	.1	.4	.7	.6	.5	.4	.3	.4

```

-----*-----
MAX * .6 .5 .9 1.1 .9 .6 .5 .5
DEGR. * 25 10 325 330 305 320 80 60

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 330 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 255 DEGREES FROM REC2.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 150 DEGREES FROM REC10.

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:41:31.19

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 255	REC3 235	REC4 220	REC5 205	REC6 195	REC7 215	REC8 170	REC9 150	REC10 150	REC11 135	REC12 160	REC13 150	REC14 280	REC15 75	REC16 100	REC17 20	REC18 30	REC19 65	REC20 65
1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.3	.2	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1
4	.5	.4	.3	.2	.1	.1	.0	.1	.1	.1	.2	.0	.0	.0	.0	.2	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.2	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.0	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.3	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
28	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
34	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.6	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S1 B230 PM MUDDY BRANCH & GRT SENECA
 DATE: 12/20/2006 TIME: 15:41:31.19

RUN: S1 B230 PM MUDDY BRANCH & GRT SENECA

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 25	REC22 10	REC23 325	REC24 330	REC25 305	REC26 320	REC27 80	REC28 60
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.1	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.0	.0	.0	.0	.0	.1	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.1	.0	.0
8	.0	.0	.1	.1	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.1	.0	.0
16	.0	.0	.0	.0	.0	.1	.1	.1
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.1	.0	.0	.0	.0	.0	.0
20	.0	.0	.1	.1	.0	.0	.0	.0
21	.1	.1	.3	.3	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.1	.1	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.1	.2	.3	.3	.2	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0	S1B230PM.OUT
30	*	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	
34	*	.1	.1	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.1	.0	.1	.1	.1	.0	.0	
42	*	.2	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	

Site 2
Field Road & Sam Eig Highway

				S2EXAM.DAT				
S2 EXAM FIELDS/SAMEIG				60.0175.0.0000.000280.30480000				11 1
REC 1	400'	SE CORNER	253838.	528042.	5.			
REC 2	164'	SE CORNER	253603.	528031.	5.			
REC 3	82'	SE CORNER	253523.	528027.	5.			
REC 4		SE CORNER	253404.	528057.	5.			
REC 5	82'	ES CORNER	253476.	528142.	5.			
REC 6	164'	ES CORNER	253567.	528237.	5.			
REC 7	400'	ES CORNER	253740.	528343.	5.			
REC 8	400'	NE CORNER	253439.	528414.	5.			
1253436.			253282.	528239.	5.			
REC 10	82'	NE CORNER	253237.	528173.	5.			
REC 11			253190.	528101.	5.			
REC 12	82'	NW CORNER	253134.	528014.	5.			
1253137.			253095.	527946.	5.			
REC 14	400'	NW CORNE	252983.	527749.	5.			
REC 15	400'	WS CORNE	253049.	527545.	5.			
1253052.			527544.	527753.	5.			
REC 17	82'	WS CORNER	253210.	527818.	5.			
REC 18		SW CORNER	253261.	527880.	5.			
REC 19	82'	SW CORNER	253380.	527908.	5.			
REC 20	164'	SW CORNE	253464.	527912.	5.			
REC 21	400'	SW CORNE	253701.	527932.	5.			
REC 22		NSAM HOME	253186.	528339.	5.			
REC 23		NSAM HOME	253042.	528120.	5.			
REC 24		NSAM HOME	253147.	528166.	5.			
REC 25		NSAM HOME	253206.	528257.	5.			
REC 26		NSAM HOME	253029.	528034.	5.			
REC 27		NSAM HOME	253257.	528332.	5.			
REC 28		NSAM HOME	253318.	528416.	5.			
S2 EXAM FIELDS RD & SAM EIG			42	1	1			
1								
1	NB	FLD AL	AG254672.527696.254477.527871.	419	2.7	0. 44.	35.	
2								
1	NB	FLD AL	AG254477.527871.254294.527964.	419	2.7	0. 44.	35.	
3								
1	NB	FLD AL	AG254294.527964.254041.528019.	419	2.7	0. 44.	35.	
4								
1	NB	FLD AL	AG254041.528019.253765.528009.	419	2.7	0. 44.	35.	
10								
1	NB	FLD LT	AG253765.528009.253603.527990.	115	2.7	0. 44.	35.	
11								
2	NB	FLD LT	AG253603.527990.253188.527959.	115	2.7	0. 44.	35.	
11								
83	NB	FLD LT	AG253335.527970.253472.527980.	0. 24.	2			
5			60 4.0 115 29.1 1717 2 3					
1								
1	NB	FLD RT	AG253765.528009.253589.528001.	304	2.7	0. 44.	35.	
41								
1	NB	FLD RT	AG253390.528128.253376.528046.	304	2.7	0. 44	35.	
41								
2	NB	FLD RT	AG253376.528046.253410.527999.	304	2.7	0. 44	35.	
27								
83	NB	FLD RT	AG253380.528040.253406.528005.	0. 24.	2			
41			4.0 304 29.1 1349 2 3					
1								
41	NB	FLD RT	AG253410.527999.253589.528003.	304	2.7	0. 44	35.	
1								
28	EB	SSAMall	AG252907.527360.253050.527639.	2194	2.7	0. 56	50.	
13								
1	EB	SAMall	AG252613.526546.252720.526853.	2194	2.7	0. 32.	50.	
14								
1	EB	SAMall	AG252720.526853.252907.527360.	2194	2.7	0. 44.	50.	
15								
2	EB	SAM T	AG253050.527639.253259.527988.	2002	2.7	0. 56.	50.	
16								
83	EB	SAMT Q	AG253205.527898.253142.527793.	0. 36.	3			
34			4.0 2002 29.1 1800 2 3					
1								
17	EB	SAM RT	AG253066.527621.253149.527767.	192	2.7	0. 32.	50.	
2								
18	EB	SAMRT	QAG253231.527896.253160.527784.	0. 12.	1			
83			34 4.0 192 29.1 1583 2 3					
1								
19	EB	SAM RT	AG253149.527767.253254.527933.	192	2.7	0. 32.	50.	
1								
21	EB	SAM dp	AG253259.527988.253396.528136.	2306	2.7	0. 56.	50.	
1								
22	EB	SAM dp	AG253396.528136.253994.528622.	2306	2.7	0. 56.	50.	
1								
23	EB	SAM dp	AG253994.528622.254328.528881.	2306	2.7	0. 56.	50.	
1								
24	WB	SAMall	AG254243.528968.254032.528794.	1148	2.7	0. 32.	50.	
1								
25	WB	SAMall	AG254032.528794.253686.528514.	1148	2.7	0. 44.	50.	
1								
26	WB	SAM T	AG253686.528514.253371.528252.	695	2.7	0. 68	50.	
1								
27	WB	SAM T	AG253371.528252.253183.528008.	695	2.7	0. 68	50.	
2								
27	WB	SAM T	QAG253231.528070.253317.528183.	0. 48.	4			
83			16 4.0 695 29.1 1602 2 3					
1								
30	WB	SAM LT	AG253521.528328.253394.528209.	453	2.7	0. 44	50.	
2								
31	WB	SAM L	QAG253261.528053.253342.528147.	0. 24.	2			
83			61 4.0 453 29.1 1717 2 3					
1								
41	WB	SAM LT	AG253523.528327.253630.528424.	453	2.7	0. 44	50.	
1								
41	WB	SAM LT	AG253631.528424.253711.528534.	453	2.7	0. 44	50.	
1								
31	WB	SAM LT	AG253394.528209.253218.528002.	453	2.7	0. 44	50.	
1								
33	WB	SAM dp	AG253183.528008.252970.527645.	810	2.7	0. 68	50.	
1								
34	WB	SAM dp	AG252970.527645.252860.527425.	810	2.7	0. 68	50.	

			S2EXAM.DAT				
1							
35	WB SAM dp	AG252860.527425.252725.527063.	810	2.7	0.	32	50.
1							
36	WB SAM dp	AG252725.527063.252549.526575.	810	2.7	0.	32	50.
1							
37	SB FIELDS	AG253254.527933.253631.527952.	645	2.7	0.	56	50.
1							
38	SB FIELDS	AG253631.527952.254070.527979.	645	2.7	0.	56	50.
1							
39	SB FIELDS	AG254070.527979.254260.527944.	645	2.7	0.	56	50.
1							
40	SB FIELDS	AG254260.527944.254431.527859.	645	2.7	0.	56	50.
1							
41	SB FIELDS	AG254431.527859.254671.527651.	645	2.7	0.	56	50.
1.0	04	1000 0Y 5 0 72					

JOB: S2 EXAM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 14:07:03.65

RUN: S2 EXAM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	419.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	419.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	419.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	419.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	115.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	115.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253353.7	527971.4	*	19.	86. AG	113.	100.0	.0	24.0	.16 .9
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	304.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	304.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	304.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253400.3	528012.6	*	34.	143. AG	77.	100.0	.0	24.0	.26 1.7
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	304.	2.7	.0	44.0	
13. 28	EB SAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	2194.	2.7	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	2194.	2.7	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	2194.	2.7	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2002.	2.7	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253141.2	527791.7	*	124.	211. AG	96.	100.0	.0	36.0	.72 6.3
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	192.	2.7	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253211.9	527865.9	*	36.	212. AG	32.	100.0	.0	12.0	.23 1.8
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	192.	2.7	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	2306.	2.7	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	2306.	2.7	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	2306.	2.7	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1148.	2.7	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1148.	2.7	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	695.	2.7	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	695.	2.7	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253240.2	528082.0	*	15.	37. AG	60.	100.0	.0	48.0	.15 .8
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	453.	2.7	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253310.2	528110.1	*	75.	41. AG	115.	100.0	.0	24.0	.68 3.8
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	453.	2.7	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	453.	2.7	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	453.	2.7	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	810.	2.7	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	810.	2.7	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	810.	2.7	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	810.	2.7	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	645.	2.7	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	645.	2.7	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	645.	2.7	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	645.	2.7	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	645.	2.7	.0	56.0	

JOB: S2 EXAM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 14:07:03.65

RUN: S2 EXAM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 83	60	4.0	115	1717	29.10	2	3
11. 27	NB FLD RT	* 83	41	4.0	304	1349	29.10	2	3
17. 16	EB SAMT Q	* 83	34	4.0	2002	1800	29.10	2	3
19. 18	EB SAMRT Q	* 83	34	4.0	192	1583	29.10	2	3
28. 27	WB SAM T Q	* 83	16	4.0	695	1602	29.10	2	3
30. 31	WB SAM L Q	* 83	61	4.0	453	1717	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 5.0 * S2EXAM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 EXAM FIELDS/SAMEIG

RUN: S2 EXAM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.2	.2
5.	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.2
10.	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	.1	.2
15.	.0	.1	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.2	.2
20.	.0	.1	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	.2	.2
25.	.0	.1	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.2	.2
30.	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.2
35.	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.1
40.	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.2	.1
45.	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1
50.	.0	.0	.0	.1	.1	.3	.1	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.1	.1
55.	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.1	.1
60.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.1	.1	.1
65.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.2	.4	.2	.3	.0	.0	.0	.0	.1	.1
70.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.3	.0	.0	.0	.0	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.0	.0	.0	.1	.1
85.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.2	.0	.0	.0	.0	.1	.0
90.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0
180.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0
185.	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0
195.	.0	.0	.0	.2	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
200.	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0

1

PAGE 4

JOB: S2 EXAM FIELDS/SAMEIG

RUN: S2 EXAM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
215.	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0
220.	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.1	.0	.0
225.	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.0	.0
230.	.0	.0	.0	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0
235.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.0
240.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.1	.0
245.	.0	.0	.0	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.0
250.	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.0
255.	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.0
260.	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.0
265.	.0	.0	.0	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.1	.0
270.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.1	.1
275.	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.1
280.	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.2	.1
285.	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.2	.1
290.	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.2	.1
295.	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.1
300.	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.1	.1
305.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.1	.2
310.	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.1	.2
315.	.0	.1	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.1	.2	.2
320.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.2	.2
325.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.3	.2
330.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.3	.1
335.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.3	.1
340.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.3	.1
345.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.1	.2	.1
350.	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.1	.2	.1
355.	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.1	.2	.1
360.	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.2	.2
MAX	.0	.1	.1	.3	.3	.3	.2	.1	.2	.2	.3	.4	.3	.3	.3	.0	.4	.3	.3	.2
DEGR.	0	0	0	235	250	15	5	75	170	130	80	65	55	55	220	0	255	240	325	0

JOB: S2 EXAM FIELDS/SAMEIG

RUN: S2 EXAM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	.1	.0	.0	.0	.0	.0	.0	.0	.0
60.	.1	.0	.0	.0	.0	.0	.0	.0	.0
65.	.1	.0	.0	.1	.0	.1	.0	.0	.0
70.	.1	.0	.1	.1	.1	.1	.0	.0	.0
75.	.1	.0	.1	.1	.1	.0	.0	.0	.0
80.	.1	.0	.0	.1	.1	.0	.1	.0	.0
85.	.1	.0	.0	.1	.1	.0	.1	.0	.0
90.	.1	.0	.0	.0	.1	.0	.1	.1	.1
95.	.1	.0	.0	.0	.1	.0	.1	.1	.1
100.	.0	.0	.0	.0	.1	.0	.1	.1	.1
105.	.0	.0	.0	.0	.1	.0	.1	.0	.0
110.	.0	.0	.0	.0	.0	.0	.1	.0	.0
115.	.0	.0	.0	.2	.0	.0	.1	.0	.0
120.	.0	.0	.0	.2	.0	.0	.1	.0	.0
125.	.0	.0	.0	.2	.0	.0	.0	.0	.0
130.	.0	.0	.0	.2	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.1	.0	.0	.0
145.	.0	.0	.0	.0	.1	.1	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.1	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.1	.0	.0	.0	.0	.0
170.	.0	.0	.0	.1	.0	.0	.0	.0	.0
175.	.0	.0	.0	.1	.0	.0	.0	.0	.0
180.	.0	.0	.0	.1	.0	.0	.0	.0	.0
185.	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 EXAM FIELDS/SAMEIG

RUN: S2 EXAM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.1	.0	.0	.0	.0	.0	.0	.0	.0
285.	.1	.0	.0	.0	.0	.0	.0	.0	.0
290.	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.1	.0	.1	.2	.1	.1	.1	.1	.1

THE HIGHEST CONCENTRATION IS .40 PPM AT 65 DEGREES FROM REC12.

THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 255 DEGREES FROM REC17.
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 235 DEGREES FROM REC4 .

S2EXAM.OUT

1

JOB: S2 EXAM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 14:07:03.65

RUN: S2 EXAM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
	0	0	0	235	250	15	5	75	170	130	80	65	55	55	220	0	255	240	325	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0
22	*	.0	.1	.1	.0	.1	.3	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 EXAM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 14:07:03.65

RUN: S2 EXAM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
	0	0	70	115	70	65	80	90
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.1	.0	.0	.0
22	*	.0	.0	.1	.0	.1	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.1	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2EXAM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2 EXPM FIELDS/SAMEIG				60.0175.0.0000.000280.30480000				S2EXPM.DAT		11 1	
REC 1	400'	SE CORNER	253838.	528042.	5.						
REC 2	164'	SE CORNER	253603.	528031.	5.						
REC 3	82'	SE CORNER	253523.	528027.	5.						
REC 4		SE CORNER	253404.	528057.	5.						
REC 5	82'	ES CORNER	253476.	528142.	5.						
REC 6	164'	ES CORNER	253567.	528237.	5.						
REC 7	400'	ES CORNER	253740.	528343.	5.						
REC 8	400'	NE CORNER	253439.	528414.	5.						
1253436.			253282.	528239.	5.						
REC 10	82'	NE CORNER	253237.	528173.	5.						
REC 11			253190.	528101.	5.						
REC 12	82'	NW CORNER	253134.	528014.	5.						
1253137.			253095.	527946.	5.						
REC 14	400'	NW CORNE	252983.	527749.	5.						
REC 15	400'	WS CORNE	253049.	527545.	5.						
1253052.			527544.	527753.	5.						
REC 17	82'	WS CORNER	253210.	527818.	5.						
REC 18		SW CORNER	253261.	527880.	5.						
REC 19	82'	SW CORNER	253380.	527908.	5.						
REC 20	164'	SW CORNE	253464.	527912.	5.						
REC 21	400'	SW CORNE	253701.	527932.	5.						
REC 22		NSAM HOME	253186.	528339.	5.						
REC 23		NSAM HOME	253042.	528120.	5.						
REC 24		NSAM HOME	253147.	528166.	5.						
REC 25		NSAM HOME	253206.	528257.	5.						
REC 26		NSAM HOME	253029.	528034.	5.						
REC 27		NSAM HOME	253257.	528332.	5.						
REC 28		NSAM HOME	253318.	528416.	5.						
S2 EXPM FIELDS RD & SAM EIG						42	1	1			
1											
1	NB	FLD AL	AG254672.527696.254477.527871.	869	2.7	0.	44.	35.			
2											
1	NB	FLD AL	AG254477.527871.254294.527964.	869	2.7	0.	44.	35.			
3											
1	NB	FLD AL	AG254294.527964.254041.528019.	869	2.7	0.	44.	35.			
4											
1	NB	FLD AL	AG254041.528019.253765.528009.	869	2.7	0.	44.	35.			
10											
1	NB	FLD LT	AG253765.528009.253603.527990.	411	2.7	0.	44.	35.			
11											
2	NB	FLD LT	AG253603.527990.253188.527959.	411	2.7	0.	44.	35.			
11											
85	NB	FLD LT	AG253335.527970.253472.527980.	0.	24.	2					
59			4.0 411 29.1 1717 2 3								
5											
1	NB	FLD RT	AG253765.528009.253589.528001.	458	2.7	0.	44.	35.			
41											
1	NB	FLD RT	AG253390.528128.253376.528046.	458	2.7	0.	44	35.			
41											
2	NB	FLD RT	AG253376.528046.253410.527999.	458	2.7	0.	44	35.			
27											
85	NB	FLD RT	AG253380.528040.253406.528005.	0.	24.	2					
42			4.0 458 29.1 1349 2 3								
41											
1	NB	FLD RT	AG253410.527999.253589.528003.	458	2.7	0.	44	35.			
28											
1	EB	SSAMall	AG252907.527360.253050.527639.	1511	2.7	0.	56	50.			
13											
1	EB	SAMall	AG252613.526546.252720.526853.	1511	2.7	0.	32.	50.			
14											
1	EB	SAMall	AG252720.526853.252907.527360.	1511	2.7	0.	44.	50.			
15											
2	EB	SAM T	AG253050.527639.253259.527988.	1230	2.7	0.	56.	50.			
16											
85	EB	SAMT Q	AG253205.527898.253142.527793.	0.	36.	3					
55			4.0 1230 29.1 1695 2 3								
17											
1	EB	SAM RT	AG253066.527621.253149.527767.	281	2.7	0.	32.	50.			
18											
2	EB	SAMRT	QAG253231.527896.253160.527784.	0.	12.	1					
85			4.0 281 29.1 1583 2 3								
19											
1	EB	SAM RT	AG253149.527767.253254.527933.	281	2.7	0.	32.	50.			
21											
1	EB	SAM dp	AG253259.527988.253396.528136.	1688	2.7	0.	56.	50.			
22											
1	EB	SAM dp	AG253396.528136.253994.528622.	1688	2.7	0.	56.	50.			
23											
1	EB	SAM dp	AG253994.528622.254328.528881.	1688	2.7	0.	56.	50.			
24											
1	WB	SAMall	AG254243.528968.254032.528794.	2652	2.7	0.	32.	50.			
25											
1	WB	SAMall	AG254032.528794.253686.528514.	2652	2.7	0.	44.	50.			
26											
1	WB	SAM T	AG253686.528514.253371.528252.	2174	2.7	0.	68	50.			
27											
2	WB	SAM T	AG253371.528252.253183.528008.	2174	2.7	0.	68	50.			
27											
85	WB	SAM T	QAG253231.528070.253317.528183.	0.	48.	4					
38			4.0 2174 29.1 1602 2 3								
30											
2	WB	SAM LT	AG253521.528328.253394.528209.	478	2.7	0.	44	50.			
31											
85	WB	SAM L	QAG253261.528053.253342.528147.	0.	24.	2					
64			4.0 478 29.1 1717 2 3								
41											
1	WB	SAM LT	AG253523.528327.253630.528424.	478	2.7	0.	44	50.			
41											
1	WB	SAM LT	AG253631.528424.253711.528534.	478	2.7	0.	44	50.			
31											
1	WB	SAM LT	AG253394.528209.253218.528002.	478	2.7	0.	44	50.			
33											
1	WB	SAM dp	AG253183.528008.252970.527645.	2585	2.7	0.	68	50.			
34											
1	WB	SAM dp	AG252970.527645.252860.527425.	2585	2.7	0.	68	50.			

				S2EXPM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	2585	2.7	0.	32	50.
36	1	WB SAM dp	AG252725.527063.252549.526575.	2585	2.7	0.	32	50.
37	1	SB FIELDS	AG253254.527933.253631.527952.	759	2.7	0.	56	50.
38	1	SB FIELDS	AG253631.527952.254070.527979.	759	2.7	0.	56	50.
39	1	SB FIELDS	AG254070.527979.254260.527944.	759	2.7	0.	56	50.
40	1	SB FIELDS	AG254260.527944.254431.527859.	759	2.7	0.	56	50.
41	1	SB FIELDS	AG254431.527859.254671.527651.	759	2.7	0.	56	50.
1.0	04	1000 0Y	5 0 72					

JOB: S2 EXPM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 15:00:30.97

RUN: S2 EXPM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	869.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	869.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	869.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	869.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	411.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	411.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253401.0	527974.9	*	66.	86. AG	108.	100.0	.0	24.0	.51 3.4
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	458.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	458.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	458.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253411.4	527997.8	*	53.	143. AG	77.	100.0	.0	24.0	.39 2.7
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	458.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	1511.	2.7	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1511.	2.7	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1511.	2.7	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	1230.	2.7	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253135.7	527782.6	*	135.	211. AG	152.	100.0	.0	36.0	.86 6.8
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	281.	2.7	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253185.8	527824.7	*	85.	212. AG	51.	100.0	.0	12.0	.63 4.3
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	281.	2.7	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1688.	2.7	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1688.	2.7	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1688.	2.7	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	2652.	2.7	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	2652.	2.7	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2174.	2.7	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2174.	2.7	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253299.3	528159.8	*	113.	37. AG	140.	100.0	.0	48.0	.70 5.7
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	478.	2.7	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253318.1	528119.3	*	87.	41. AG	118.	100.0	.0	24.0	.79 4.4
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	478.	2.7	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	478.	2.7	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	478.	2.7	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	2585.	2.7	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	2585.	2.7	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	2585.	2.7	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	2585.	2.7	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	759.	2.7	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	759.	2.7	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	759.	2.7	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	759.	2.7	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	759.	2.7	.0	56.0	

JOB: S2 EXPM FIELDS/SAMEIG
DATE: 12/13/2006 TIME: 15:00:30.97

RUN: S2 EXPM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 85	59	4.0	411	1717	29.10	2	3
11. 27	NB FLD RT	* 85	42	4.0	458	1349	29.10	2	3
17. 16	EB SAMT Q	* 85	55	4.0	1230	1695	29.10	2	3
19. 18	EB SAMRT Q	* 85	55	4.0	281	1583	29.10	2	3
28. 27	WB SAM T Q	* 85	38	4.0	2174	1602	29.10	2	3
30. 31	WB SAM L Q	* 85	64	4.0	478	1717	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 5.0 * S2EXPM.OUT
27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 EXPM FIELDS/SAMEIG

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.3	.2	.1
5.	*	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.3	.1
10.	*	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.3	.1
15.	*	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.4	.3	.1
20.	*	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.3	.0	.3	.1	.2	.1
25.	*	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.3	.1
30.	*	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.1	.2	.1
35.	*	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.1	.1	.1
40.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.3	.1	.1
45.	*	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.2	.1	.1
50.	*	.0	.0	.0	.1	.1	.2	.1	.0	.1	.2	.3	.4	.3	.4	.0	.0	.0	.2	.1	.1
55.	*	.0	.0	.0	.0	.1	.2	.0	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.2	.1	.1
60.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.2	.1	.1
65.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.3	.6	.4	.3	.3	.0	.0	.1	.1	.1
70.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.6	.5	.2	.3	.0	.0	.0	.1	.1	.1
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.7	.4	.2	.3	.0	.0	.0	.0	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.6	.3	.2	.3	.0	.0	.0	.0	.1	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.6	.3	.2	.3	.0	.0	.0	.0	.1	.1
90.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.6	.3	.2	.2	.0	.0	.0	.0	.1	.0
95.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.7	.2	.2	.2	.0	.0	.0	.0	.0	.0
100.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.6	.2	.2	.2	.0	.0	.0	.0	.0	.0
105.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.6	.2	.2	.2	.0	.0	.0	.0	.0	.0
110.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.1	.3	.2	.0	.0	.0	.0	.0	.0
115.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0
120.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0
125.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0
130.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.4	.2	.4	.2	.0	.0	.0	.0	.0	.0
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.2	.2	.4	.2	.0	.0	.0	.0	.0	.0
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.2	.2	.4	.2	.0	.0	.0	.0	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.1	.3	.4	.2	.0	.0	.0	.0	.0	.0
150.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.6	.1	.3	.4	.2	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.6	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.1	.0	.0	.0	.1	.3	.5	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.1	.0	.0	.0	.1	.3	.5	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.1	.0	.0	.0	.1	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.1	.0	.0	.0	.1	.4	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.3	.0	.0	.0	.1	.4	.3	.3	.3	.2	.4	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.3	.0	.0	.0	.1	.4	.4	.3	.3	.2	.4	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.3	.0	.0	.0	.1	.4	.4	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.3	.0	.0	.0	.1	.4	.4	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.3	.0	.0	.0	.2	.4	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.3	.0	.0	.0	.2	.3	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0

1

JOB: S2 EXPM FIELDS/SAMEIG

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.0	.0	.3	.0	.0	.0	.3	.3	.2	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0
215.	*	.1	.0	.0	.3	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.0	.1	.1	.0	.0
220.	*	.1	.0	.0	.3	.0	.1	.0	.1	.0	.0	.1	.1	.1	.0	.2	.0	.1	.2	.0	.0
225.	*	.1	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0
230.	*	.1	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.4	.0	.0
235.	*	.1	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.5	.1	.0
240.	*	.1	.0	.0	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.6	.1	.0
245.	*	.1	.0	.1	.3	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.6	.2	.0
250.	*	.1	.0	.1	.2	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.6	.2	.1
255.	*	.0	.0	.1	.1	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.6	.2	.2
260.	*	.0	.0	.0	.1	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.6	.2	.2
265.	*	.0	.0	.0	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.6	.2	.2
270.	*	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.5	.2	.1
275.	*	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.5	.2	.1
280.	*	.0	.0	.1	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.5	.2	.1
285.	*	.0	.0	.1	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.5	.2	.2
290.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.4	.1	.2
295.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.4	.1	.2
300.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.3	.1	.2
305.	*	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.1	.2
310.	*	.0	.0	.0	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.1	.3
315.	*	.0	.0	.0	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.2	.3
320.	*	.0	.0	.0	.3	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.4	.3
325.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.5	.1
330.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.1	.6	.1
335.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.1	.6	.1
340.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.6	.1
345.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.5	.1
350.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.3	.3	.1
355.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.3	.2	.1
360.	*	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.3	.2	.1
MAX DEGR.	*	.1	.0	.1	.4	.5	.4	.2	.3	.4	.6	.7	.5	.4	.4	.4	.0	.6	.6	.6	.3

JOB: S2 EXPM FIELDS/SAMEIG

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	.1	.0	.0	.1	.0	.0	.0	.0	.0
60.	.1	.0	.0	.1	.1	.2	.0	.0	.0
65.	.1	.0	.0	.1	.1	.2	.0	.0	.0
70.	.1	.0	.0	.2	.1	.2	.1	.0	.0
75.	.1	.0	.1	.1	.1	.2	.1	.0	.0
80.	.1	.1	.2	.1	.1	.2	.1	.1	.1
85.	.1	.1	.2	.2	.1	.2	.1	.1	.1
90.	.1	.1	.2	.2	.1	.1	.1	.1	.1
95.	.1	.1	.2	.2	.0	.0	.1	.1	.1
100.	.0	.1	.2	.2	.1	.0	.1	.1	.1
105.	.0	.0	.2	.2	.1	.1	.1	.1	.1
110.	.0	.0	.1	.4	.1	.1	.1	.1	.1
115.	.0	.0	.1	.4	.1	.1	.1	.1	.1
120.	.0	.0	.0	.4	.1	.1	.0	.1	.1
125.	.0	.0	.0	.3	.1	.1	.0	.1	.1
130.	.0	.1	.0	.3	.2	.2	.0	.1	.1
135.	.0	.1	.0	.2	.2	.2	.1	.1	.1
140.	.0	.1	.1	.2	.2	.2	.1	.1	.1
145.	.0	.1	.2	.2	.3	.2	.1	.1	.1
150.	.0	.2	.2	.1	.3	.2	.1	.1	.1
155.	.0	.2	.2	.1	.3	.2	.1	.0	.0
160.	.0	.2	.2	.1	.3	.2	.2	.0	.0
165.	.0	.2	.2	.0	.2	.1	.2	.0	.0
170.	.0	.2	.1	.2	.2	.1	.2	.1	.1
175.	.0	.0	.1	.2	.2	.1	.2	.1	.1
180.	.0	.0	.1	.2	.2	.1	.2	.1	.1
185.	.0	.0	.1	.2	.1	.1	.2	.2	.2
190.	.0	.1	.0	.1	.1	.1	.2	.2	.2
195.	.0	.1	.0	.1	.1	.0	.1	.2	.2
200.	.0	.0	.0	.1	.1	.0	.1	.0	.0
205.	.0	.0	.0	.1	.1	.0	.0	.0	.0

JOB: S2 EXPM FIELDS/SAMEIG

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.1	.0	.0	.0	.0	.0	.0	.0	.0
290.	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.4	.3	.2	.2	.2	.2
DEGR.	270	150	80	110	145	60	160	185	

THE HIGHEST CONCENTRATION IS .70 PPM AT 75 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 125 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 285 DEGREES FROM REC17.

1

JOB: S2 EXPM FIELDS/SAMEIG
 DATE: 12/13/2006 TIME: 15:00:30.97

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)																			
LINK	#	REC1 90	REC2 0	REC3 0	REC4 270	REC5 255	REC6 245	REC7 0	REC8 210	REC9 175	REC10 125	REC11 75	REC12 55	REC13 55	REC14 50	REC15 15	REC16 0	REC17 285	REC18 240	REC19 330	REC20 310
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.3	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
22	*	.0	.0	.1	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0
28	*	.0	.0	.0	.1	.1	.1	.0	.1	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.1	.1
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 EXPM FIELDS/SAMEIG
 DATE: 12/13/2006 TIME: 15:00:30.97

RUN: S2 EXPM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 270	REC22 150	REC23 80	REC24 110	REC25 145	REC26 60	REC27 160	REC28 185
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.1	.1	.1	.1	.1	.1	.1
28	*	.0	.1	.1	.2	.1	.1	.1	.1
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.1	.1	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2EXPM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2NB15AM.DAT

S2 NBAM FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

REC 1	400' SE CORNER	253838.	528042.	5.
REC 2	164' SE CORNER	253603.	528031.	5.
REC 3	82' SE CORNER	253523.	528027.	5.
REC 4	SE CORNER	253404.	528057.	5.
REC 5	82' ES CORNER	253476.	528142.	5.
REC 6	164' ES CORNER	253567.	528237.	5.
REC 7	400' ES CORNER	253740.	528343.	5.
REC 8	400' NE CORNER	253439.	528414.	5.
1253436.		253282.	528239.	5.
REC 10	82' NE CORNER	253237.	528173.	5.
REC 11		253190.	528101.	5.
REC 12	82' NW CORNER	253134.	528014.	5.
1253137.		253095.	527946.	5.
REC 14	400' NW CORNE	252983.	527749.	5.
REC 15	400' WS CORNE	253049.	527545.	5.
1253052.		527544.	527753.	5.
REC 17	82' WS CORNER	253210.	527818.	5.
REC 18	SW CORNER	253261.	527880.	5.
REC 19	82' SW CORNER	253380.	527908.	5.
REC 20	164' SW CORNE	253464.	527912.	5.
REC 21	400' SW CORNE	253701.	527932.	5.
REC 22	NSAM HOME	253186.	528339.	5.
REC 23	NSAM HOME	253042.	528120.	5.
REC 24	NSAM HOME	253147.	528166.	5.
REC 25	NSAM HOME	253206.	528257.	5.
REC 26	NSAM HOME	253029.	528034.	5.
REC 27	NSAM HOME	253257.	528332.	5.
REC 28	NSAM HOME	253318.	528416.	5.

S2 NBAM FIELDS RD & SAM EIG	42	1	1

1	NB FLD AL AG254672.527696.254477.527871.	550	3.1	0.	44.	30.
2	NB FLD AL AG254477.527871.254294.527964.	550	3.1	0.	44.	30.
3	NB FLD AL AG254294.527964.254041.528019.	550	3.1	0.	44.	30.
4	NB FLD AL AG254041.528019.253765.528009.	550	3.1	0.	44.	30.
10	NB FLD LT AG253765.528009.253603.527990.	75	3.1	0.	44.	30.
11	NB FLD LT AG253603.527990.253188.527959.	75	3.1	0.	44.	30.
11	NB FLD LT AG253335.527970.253472.527980.	0.	24.	2		
100	90 4.0 75 33.4 1717 3 3					
5	NB FLD RT AG253765.528009.253589.528001.	475	3.1	0.	44.	30.
41	NB FLD RT AG253390.528128.253376.528046.	475	3.1	0.	44.	30.
41	NB FLD RT AG253376.528046.253410.527999.	475	3.1	0.	44.	30.
27	NB FLD RT AG253380.528040.253406.528005.	0.	24.	2		
100	61 4.0 475 33.4 1394 3 3					
41	NB FLD RT AG253410.527999.253589.528003.	475	3.1	0.	44	30.
28	EB SSAMallAG252907.527360.253050.527639.	2875	3.8	0.	56	30.
13	EB SAMall AG252613.526546.252720.526853.	2875	3.8	0.	32.	30.
14	EB SAMall AG252720.526853.252907.527360.	2875	3.8	0.	44.	30.
15	EB SAM T AG253050.527639.253259.527988.	2650	3.8	0.	56.	30.
16	EB SAMT Q AG253205.527898.253142.527793.	0.	36.	3		
100	42 4.0 2650 33.4 1695 3 3					
17	EB SAM RT AG253066.527621.253149.527767.	225	3.8	0.	32.	30.
18	EB SAMRT QAG253231.527896.253160.527784.	0.	12.	1		
100	73 4.0 1 33.4 1583 3 3					
19	EB SAM RT AG253149.527767.253254.527933.	225	3.8	0.	32.	30.
21	EB SAM dp AG253259.527988.253396.528136.	3125	3.8	0.	56.	30.
22	EB SAM dp AG253396.528136.253994.528622.	3125	3.8	0.	56.	30.
23	EB SAM dp AG253994.528622.254328.528881.	3125	3.8	0.	56.	30.
24	WB SAMall AG254243.528968.254032.528794.	1800	3.8	0.	32.	30.
25	WB SAMall AG254032.528794.253686.528514.	1800	3.8	0.	44.	30.
26	WB SAM T AG253686.528514.253371.528252.	1000	3.8	0.	68	30.
27	WB SAM T AG253371.528252.253183.528008.	1000	3.8	0.	68	30.
27	WB SAM T QAG253231.528070.253317.528183.	0.	48.	4		
100	42 4.0 1000 33.4 1602 3 3					
30	WB SAM LT AG253521.528328.253394.528209.	800	3.8	0.	44	30.
31	WB SAM L QAG253261.528053.253342.528147.	0.	24.	2		
100	73 4.0 800 33.4 1717 3 3					
41	WB SAM LT AG253523.528327.253630.528424.	800	3.8	0.	44	30.
41	WB SAM LT AG253631.528424.253711.528534.	800	3.8	0.	44	30.
31	WB SAM LT AG253394.528209.253218.528002.	800	3.8	0.	44	30.
33	WB SAM dp AG253183.528008.252970.527645.	1075	3.8	0.	68	30.
34	WB SAM dp AG252970.527645.252860.527425.	1075	3.8	0.	68	30.

				S2NB15AM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	1075	3.8	0.	32	30.
36	1	WB SAM dp	AG252725.527063.252549.526575.	1075	3.8	0.	32	30.
37	1	SB FIELDS	AG253254.527933.253631.527952.	1025	3.8	0.	56	30.
38	1	SB FIELDS	AG253631.527952.254070.527979.	1025	3.8	0.	56	30.
39	1	SB FIELDS	AG254070.527979.254260.527944.	1025	3.8	0.	56	30.
40	1	SB FIELDS	AG254260.527944.254431.527859.	1025	3.8	0.	56	30.
41	1	SB FIELDS	AG254431.527859.254671.527651.	1025	3.8	0.	56	30.
1.0	04	1000 0Y	5 0 72					

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:03:08.28

RUN: S2 NBAM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	550.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	550.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	550.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	550.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	75.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	75.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253354.3	527971.4	*	19.	86. AG	161.	100.0	.0	24.0	.54 1.0
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	475.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	475.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	475.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253427.1	527976.5	*	79.	143. AG	109.	100.0	.0	24.0	.52 4.0
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	475.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	2875.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	2875.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	2875.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2650.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253015.8	52752.8	*	368.	211. AG	113.	100.0	.0	36.0	1.00 18.7
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	225.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	65.	100.0	.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	225.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3125.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3125.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3125.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1800.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1800.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	1000.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	1000.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253265.8	528115.7	*	57.	37. AG	151.	100.0	.0	48.0	.30 2.9
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	800.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253689.4	528550.0	*	656.	41. AG	131.	100.0	.0	24.0	1.11 33.3
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	800.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	800.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	800.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1075.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1075.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1075.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1075.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1025.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1025.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1025.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1025.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1025.	3.8	.0	56.0	

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:03:08.28

RUN: S2 NBAM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 100	90	4.0	75	1717	33.40	3	3
11. 27	NB FLD RT	* 100	61	4.0	475	1394	33.40	3	3
17. 16	EB SAMT Q	* 100	42	4.0	2650	1695	33.40	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 100	42	4.0	1000	1602	33.40	3	3
30. 31	WB SAM L Q	* 100	73	4.0	800	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2NB15AM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.2	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.7	.0	.4	.5	.4	.3
5.	.1	.2	.2	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.8	.0	.4	.4	.5	.3
10.	.1	.1	.2	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.0	.6	.5	.5	.3
15.	.0	.1	.2	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.5	.4	.3
20.	.0	.1	.2	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.6	.4	.3
25.	.0	.1	.1	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.1	.6	.0	.4	.6	.4	.2
30.	.0	.1	.1	.4	.5	.7	.4	.0	.0	.0	.0	.0	.0	.1	.4	.0	.4	.4	.4	.2
35.	.0	.1	.1	.4	.5	.7	.4	.0	.0	.0	.0	.0	.0	.2	.2	.4	.0	.4	.3	.2
40.	.0	.0	.1	.3	.4	.6	.3	.0	.0	.1	.1	.3	.4	.3	.3	.0	.4	.4	.3	.2
45.	.0	.0	.1	.2	.3	.6	.3	.0	.1	.1	.2	.5	.6	.6	.0	.0	.2	.2	.2	.1
50.	.0	.0	.0	.2	.3	.5	.2	.0	.2	.3	.4	.5	.7	.7	.0	.0	.2	.3	.1	.1
55.	.0	.0	.0	.1	.2	.4	.2	.2	.3	.5	.4	.6	.5	.5	.0	.0	.1	.2	.2	.1
60.	.0	.0	.0	.1	.1	.3	.0	.2	.4	.5	.6	.7	.5	.3	.0	.0	.1	.1	.2	.2
65.	.0	.0	.0	.0	.1	.2	.0	.3	.4	.5	.6	.7	.4	.3	.0	.0	.1	.1	.2	.2
70.	.0	.0	.0	.0	.0	.1	.0	.4	.4	.5	.7	.6	.4	.4	.0	.0	.0	.1	.2	.2
75.	.0	.0	.0	.0	.0	.1	.0	.4	.5	.5	.7	.6	.3	.4	.0	.0	.0	.1	.2	.2
80.	.0	.0	.0	.0	.0	.1	.0	.4	.6	.5	.7	.5	.3	.3	.0	.0	.0	.1	.1	.2
85.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.9	.2	.3	.3	.0	.0	.0	.1	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.8	.2	.3	.3	.0	.0	.0	.0	.1	.1
95.	.1	.1	.1	.0	.0	.0	.0	.4	.4	.4	.7	.3	.3	.3	.0	.0	.0	.0	.1	.1
100.	.1	.2	.1	.0	.0	.0	.0	.4	.4	.5	.7	.4	.2	.3	.0	.0	.0	.0	.0	.0
105.	.1	.2	.1	.0	.0	.0	.0	.4	.3	.5	.7	.4	.2	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.1	.0	.0	.0	.0	.4	.3	.5	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.0	.0	.0	.0	.3	.3	.4	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.2	.0	.0	.0	.0	.0	.3	.3	.4	.5	.2	.3	.3	.0	.0	.0	.0	.0	.0
125.	.2	.2	.1	.0	.0	.0	.0	.3	.3	.4	.5	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.2	.2	.2	.1	.0	.0	.0	.3	.4	.4	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.2	.1	.0	.0	.0	.3	.4	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.2	.1	.0	.0	.0	.3	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.2	.0	.0	.0	.3	.3	.4	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
150.	.2	.1	.1	.2	.0	.0	.0	.3	.3	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
155.	.1	.0	.1	.2	.0	.0	.0	.4	.3	.5	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
160.	.1	.0	.1	.3	.0	.0	.0	.4	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
165.	.1	.0	.1	.3	.0	.0	.0	.4	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
170.	.2	.1	.1	.3	.0	.0	.0	.4	.3	.6	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
175.	.2	.1	.1	.4	.0	.0	.0	.4	.4	.6	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
180.	.2	.1	.1	.4	.0	.0	.0	.4	.5	.5	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
185.	.2	.1	.1	.4	.0	.0	.0	.4	.5	.5	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0
190.	.1	.1	.1	.4	.0	.0	.0	.5	.6	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.4	.0	.0	.0	.4	.4	.5	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0
200.	.1	.1	.1	.4	.1	.0	.0	.3	.4	.5	.3	.4	.3	.4	.2	.0	.0	.0	.0	.0
205.	.2	.1	.1	.4	.1	.1	.0	.3	.4	.4	.3	.1	.2	.2	.2	.0	.3	.2	.0	.0

1

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.1	.6	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.3	.0	.4	.3	.0	.0
215.	.2	.1	.2	.4	.3	.1	.0	.1	.0	.0	.1	.1	.1	.0	.4	.0	.5	.3	.0	.0
220.	.2	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.5	.0	.0
225.	.2	.1	.2	.4	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.5	.3	.0
230.	.2	.1	.4	.5	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.4	.2	.0
235.	.2	.1	.4	.4	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
240.	.1	.3	.5	.3	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.7	.2	.2
245.	.1	.4	.5	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.7	.7	.2	.2
250.	.0	.3	.4	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.6	.2	.2
255.	.0	.3	.3	.2	.5	.7	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.6	.2	.2
260.	.0	.0	.3	.3	.5	.7	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.5	.3	.3
265.	.0	.1	.2	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.5	.3	.3
270.	.0	.1	.2	.5	.5	.7	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.5	.2	.2
275.	.0	.1	.2	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.5	.2	.2
280.	.0	.2	.2	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
285.	.1	.2	.2	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
290.	.2	.2	.2	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
295.	.2	.2	.2	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.7	.4	.2	.3
300.	.2	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.3	.3
305.	.2	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.3	.3	.2
310.	.2	.2	.3	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.2	.2	.4
315.	.2	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.2	.3	.4
320.	.2	.2	.2	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.2	.3	.4
325.	.2	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.7	.2	.5	.4
330.	.2	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.7	.2	.4	.4
335.	.1	.2	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.2	.4	.4
340.	.1	.2	.2	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	.2	.4	.4
345.	.1	.2	.2	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.5	.2	.4	.5
350.	.1	.2	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.8	.0	.5	.4	.3	.4
355.	.1	.2	.2	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.0	.5	.6	.4	.3
360.	.1	.2	.2	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.7	.0	.4	.5	.4	.3
MAX DEGR.	.2	.4	.5	.6	.6	.7	.4	.5	.6	.7	.9	.7	.7	.7	.8	.0	.7	.7	.5	.5

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.0	.1	.0	.0	.0
55.	.2	.0	.1	.2	.1	.2	.0	.0	.0
60.	.2	.0	.2	.2	.1	.2	.1	.0	.0
65.	.2	.0	.2	.2	.2	.2	.2	.0	.0
70.	.2	.2	.2	.2	.3	.2	.2	.1	.0
75.	.2	.2	.2	.2	.3	.4	.2	.2	.2
80.	.2	.2	.2	.2	.2	.3	.3	.2	.2
85.	.2	.2	.2	.3	.2	.2	.3	.2	.2
90.	.2	.2	.3	.2	.2	.1	.3	.2	.2
95.	.1	.2	.3	.4	.2	.1	.3	.2	.2
100.	.1	.2	.3	.4	.2	.1	.2	.2	.2
105.	.1	.2	.3	.4	.2	.1	.2	.2	.2
110.	.0	.2	.1	.4	.2	.1	.2	.2	.2
115.	.0	.2	.1	.4	.2	.1	.2	.2	.2
120.	.0	.2	.0	.4	.2	.1	.2	.2	.2
125.	.0	.2	.0	.4	.2	.1	.2	.2	.2
130.	.0	.2	.1	.4	.2	.2	.2	.2	.2
135.	.0	.1	.1	.4	.2	.3	.2	.2	.2
140.	.0	.2	.1	.3	.3	.2	.2	.2	.2
145.	.0	.2	.1	.3	.2	.3	.1	.2	.2
150.	.0	.2	.2	.1	.2	.3	.2	.2	.2
155.	.0	.2	.2	.1	.3	.3	.2	.2	.2
160.	.0	.2	.2	.1	.3	.3	.2	.2	.2
165.	.0	.1	.2	.1	.3	.3	.2	.1	.2
170.	.0	.0	.2	.2	.3	.3	.3	.2	.2
175.	.0	.1	.2	.2	.2	.3	.2	.2	.2
180.	.0	.1	.1	.3	.2	.2	.3	.2	.2
185.	.0	.2	.0	.3	.2	.1	.1	.2	.2
190.	.0	.1	.0	.3	.2	.1	.2	.2	.2
195.	.0	.0	.0	.2	.2	.0	.2	.1	.2
200.	.0	.0	.0	.0	.0	.0	.1	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.3	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.0	.0	.0	.0	.0	.0	.0	.0
300.	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.3	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.0	.0	.0	.0	.0	.0	.0	.0
325.	.3	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.0	.0	.0	.0	.0	.0	.0	.0
335.	.3	.0	.0	.0	.0	.0	.0	.0	.0
340.	.3	.0	.0	.0	.0	.0	.0	.0	.0
345.	.3	.0	.0	.0	.0	.0	.0	.0	.0
350.	.3	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0

MAX DEGR.	260	70	90	95	70	75	80	75
	.3	.2	.3	.4	.3	.4	.3	.2

THE HIGHEST CONCENTRATION IS .90 PPM AT 85 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 5 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 30 DEGREES FROM REC6 .

S2NB15AM.OUT

1

JOB: S2 NBAM FIELDS/SAMEIG
 DATE: 12/24/2006 TIME: 00:03:08.28

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 110	REC2 245	REC3 240	REC4 210	REC5 10	REC6 30	REC7 0	REC8 190	REC9 80	REC10 170	REC11 85	REC12 60	REC13 50	REC14 50	REC15 5	REC16 0	REC17 225	REC18 240	REC19 5	REC20 345
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	.3	.3	.0	.0
17 *	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.3	.3	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
22 *	.0	.0	.0	.0	.4	.6	.3	.1	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.2	.0	.0	.2	.2	.1	.2	.2	.2	.1	.0	.0	.0	.0	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 NBAM FIELDS/SAMEIG
 DATE: 12/24/2006 TIME: 00:03:08.28

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 260	REC22 70	REC23 90	REC24 95	REC25 70	REC26 75	REC27 80	REC28 75
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.1	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.1	.1	.0	.1	.0	.0
22 *	.0	.1	.0	.1	.1	.1	.1	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.1	.0	.1	.0
27 *	.0	.0	.0	.1	.0	.0	.0	.0
28 *	.0	.0	.1	.0	.0	.1	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.1	.1	.1	.1	.1	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2NB15AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2NB15PM.DAT

S2 NBPM FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

REC 1	400' SE CORNER	253838.	528042.	5.
REC 2	164' SE CORNER	253603.	528031.	5.
REC 3	82' SE CORNER	253523.	528027.	5.
REC 4	SE CORNER	253404.	528057.	5.
REC 5	82' ES CORNER	253476.	528142.	5.
REC 6	164' ES CORNER	253567.	528237.	5.
REC 7	400' ES CORNER	253740.	528343.	5.
REC 8	400' NE CORNER	253439.	528414.	5.
1253436.		253282.	528239.	5.
REC 10	82' NE CORNER	253237.	528173.	5.
REC 11		253190.	528101.	5.
REC 12	82' NW CORNER	253134.	528014.	5.
1253137.		253095.	527946.	5.
REC 14	400' NW CORNE	252983.	527749.	5.
REC 15	400' WS CORNE	253049.	527545.	5.
1253052.		527544.	527753.	5.
REC 17	82' WS CORNER	253210.	527818.	5.
REC 18	SW CORNER	253261.	527880.	5.
REC 19	82' SW CORNER	253380.	527908.	5.
REC 20	164' SW CORNE	253464.	527912.	5.
REC 21	400' SW CORNE	253701.	527932.	5.
REC 22	NSAM HOME	253186.	528339.	5.
REC 23	NSAM HOME	253042.	528120.	5.
REC 24	NSAM HOME	253147.	528166.	5.
REC 25	NSAM HOME	253206.	528257.	5.
REC 26	NSAM HOME	253029.	528034.	5.
REC 27	NSAM HOME	253257.	528332.	5.
REC 28	NSAM HOME	253318.	528416.	5.

S2 NBPM FIELDS RD & SAM EIG 42 1 1

1	NB FLD AL	AG254672.527696.254477.527871.	1425 3.1 0. 44.	30.
2	NB FLD AL	AG254477.527871.254294.527964.	1425 3.1 0. 44.	30.
3	NB FLD AL	AG254294.527964.254041.528019.	1425 3.1 0. 44.	30.
4	NB FLD AL	AG254041.528019.253765.528009.	1425 3.1 0. 44.	30.
10	NB FLD LT	AG253765.528009.253603.527990.	500 3.1 0. 44.	30.
11	NB FLD LT	AG253603.527990.253188.527959.	500 3.1 0. 44.	30.
11	NB FLD LT	AG253335.527970.253472.527980.	0. 24. 2	
90	73	4.0 500 33.4 1717 3 3		
5	NB FLD RT	AG253765.528009.253589.528001.	925 3.1 0. 44.	30.
41	NB FLD RT	AG253390.528128.253376.528046.	925 3.1 0. 44.	30.
41	NB FLD RT	AG253376.528046.253410.527999.	925 3.1 0. 44.	30.
27	NB FLD RT	AG253380.528040.253406.528005.	0. 24. 2	
90	44	4.0 925 33.4 1394 3 3		
41	NB FLD RT	AG253410.527999.253589.528003.	925 3.1 0. 44	30.
28	EB SSAMall	AG252907.527360.253050.527639.	975 3.8 0. 56	30.
13	EB SAMall	AG252613.526546.252720.526853.	975 3.8 0. 32.	30.
14	EB SAMall	AG252720.526853.252907.527360.	975 3.8 0. 44.	30.
15	EB SAM T	AG253050.527639.253259.527988.	800 3.8 0. 56.	30.
16	EB SAMT Q	AG253205.527898.253142.527793.	0. 36. 3	
90	49	4.0 800 33.4 1695 3 3		
17	EB SAM RT	AG253066.527621.253149.527767.	175 3.8 0. 32.	30.
18	EB SAMRT	QAG253231.527896.253160.527784.	0. 12. 1	
90	63	4.0 1 33.4 1583 3 3		
19	EB SAM RT	AG253149.527767.253254.527933.	175 3.8 0. 32.	30.
21	EB SAM dp	AG253259.527988.253396.528136.	1725 3.8 0. 56.	30.
22	EB SAM dp	AG253396.528136.253994.528622.	1725 3.8 0. 56.	30.
23	EB SAM dp	AG253994.528622.254328.528881.	1725 3.8 0. 56.	30.
24	WB SAMall	AG254243.528968.254032.528794.	3100 3.8 0. 32.	30.
25	WB SAMall	AG254032.528794.253686.528514.	3100 3.8 0. 44.	30.
26	WB SAM T	AG253686.528514.253371.528252.	2550 3.8 0. 68	30.
27	WB SAM T	AG253371.528252.253183.528008.	2550 3.8 0. 68	30.
27	WB SAM T	QAG253231.528070.253317.528183.	0. 48. 4	
90	49	4.0 2550 33.4 1602 3 3		
30	WB SAM LT	AG253521.528328.253394.528209.	550 3.8 0. 44	30.
31	WB SAM L	QAG253261.528053.253342.528147.	0. 24. 2	
90	63	4.0 550 33.4 1717 3 3		
41	WB SAM LT	AG253523.528327.253630.528424.	550 3.8 0. 44	30.
41	WB SAM LT	AG253631.528424.253711.528534.	550 3.8 0. 44	30.
31	WB SAM LT	AG253394.528209.253218.528002.	550 3.8 0. 44	30.
33	WB SAM dp	AG253183.528008.252970.527645.	3050 3.8 0. 68	30.
34	WB SAM dp	AG252970.527645.252860.527425.	3050 3.8 0. 68	30.

				S2NB15PM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	3050	3.8	0.	32	30.
36	1	WB SAM dp	AG252725.527063.252549.526575.	3050	3.8	0.	32	30.
37	1	SB FIELDS	AG253254.527933.253631.527952.	725	3.8	0.	56	30.
38	1	SB FIELDS	AG253631.527952.254070.527979.	725	3.8	0.	56	30.
39	1	SB FIELDS	AG254070.527979.254260.527944.	725	3.8	0.	56	30.
40	1	SB FIELDS	AG254260.527944.254431.527859.	725	3.8	0.	56	30.
41	1	SB FIELDS	AG254431.527859.254671.527651.	725	3.8	0.	56	30.
1.0	04	1000 0Y	5 0 72					

JOB: S2 NBPM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:05:45.59

RUN: S2 NBPM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1425.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1425.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1425.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1425.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	500.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	500.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253921.2	528012.8	*	588.	86. AG	145. 100.0	3.1	.0	24.0	1.20 29.9
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	925.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	925.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	925.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253446.3	527950.8	*	111.	143. AG	88. 100.0	3.1	.0	24.0	.75 5.6
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	925.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	975.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	975.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	975.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	800.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253168.3	527895.7	*	71.	211. AG	146. 100.0	3.8	.0	36.0	.40 3.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	175.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	63. 100.0	3.8	.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	175.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1725.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1725.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1725.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3100.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3100.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2550.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2550.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253499.2	528422.5	*	443.	37. AG	195. 100.0	3.8	.0	48.0	1.02 22.5
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	550.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253323.2	528125.2	*	95.	41. AG	125. 100.0	3.8	.0	24.0	.69 4.8
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	550.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	550.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	550.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3050.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3050.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3050.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3050.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	725.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	725.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	725.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	725.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	725.	3.8	.0	56.0	

JOB: S2 NBPM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:05:45.59

RUN: S2 NBPM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 90	73	4.0	500	1717	33.40	3	3
11. 27	NB FLD RT	* 90	44	4.0	925	1394	33.40	3	3
17. 16	EB SAMT Q	* 90	49	4.0	800	1695	33.40	3	3
19. 18	EB SAMRT Q	* 90	63	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 90	49	4.0	2550	1602	33.40	3	3
30. 31	WB SAM L Q	* 90	63	4.0	550	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	252754.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2NB15PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 NBPM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.3	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.5	.7	.6
5.	.0	.1	.2	.6	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.7	.6
10.	.0	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.6	.7	.6
15.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.1	.3	.0	.6	.6	.7	.5
20.	.0	.2	.1	.3	.3	.5	.3	.0	.0	.0	.0	.0	.1	.1	.3	.0	.5	.6	.7	.4
25.	.0	.2	.2	.4	.3	.5	.3	.0	.0	.1	.2	.3	.3	.3	.3	.0	.4	.4	.6	.4
30.	.0	.0	.2	.3	.4	.5	.3	.0	.0	.1	.1	.3	.4	.5	.1	.0	.3	.6	.5	.4
35.	.0	.0	.1	.4	.4	.4	.3	.0	.1	.2	.4	.5	.4	.5	.1	.0	.3	.5	.5	.3
40.	.0	.0	.0	.2	.3	.4	.1	.0	.3	.3	.5	.6	.8	.6	.1	.0	.2	.3	.5	.3
45.	.0	.0	.0	.1	.2	.4	.1	.0	.3	.5	.7	.8	.8	.6	.1	.0	.2	.3	.5	.3
50.	.0	.0	.0	.1	.1	.3	.1	.2	.6	.6	.8	1.0	.9	.6	.1	.0	.1	.4	.5	.4
55.	.0	.0	.0	.1	.1	.2	.0	.3	.7	.8	1.0	1.0	1.0	.6	.1	.0	.1	.4	.5	.4
60.	.0	.0	.0	.0	.1	.2	.0	.3	.8	.9	1.0	.8	.8	.6	.0	.0	.1	.3	.4	.4
65.	.0	.0	.0	.0	.0	.1	.0	.4	.8	.9	1.0	.9	.6	.6	.0	.0	.1	.3	.4	.4
70.	.0	.0	.0	.0	.0	.1	.0	.4	.8	.9	.9	.9	.6	.5	.0	.0	.1	.3	.4	.3
75.	.0	.0	.1	.0	.0	.0	.0	.7	.8	.9	1.0	.6	.5	.5	.0	.0	.1	.3	.3	.3
80.	.0	.1	.1	.0	.0	.0	.0	.6	.7	.8	1.0	.7	.4	.4	.0	.0	.1	.2	.3	.3
85.	.1	.2	.2	.1	.0	.0	.0	.6	.7	.8	1.0	.5	.4	.3	.0	.0	.0	.1	.2	.2
90.	.2	.4	.2	.1	.0	.0	.0	.7	.8	.7	1.1	.6	.4	.3	.0	.0	.0	.1	.2	.2
95.	.2	.5	.5	.2	.0	.0	.0	.7	.8	.7	1.0	.6	.4	.3	.0	.0	.0	.0	.0	.0
100.	.3	.4	.5	.2	.1	.0	.0	.7	.7	.8	.9	.5	.4	.3	.0	.0	.0	.0	.0	.0
105.	.4	.6	.6	.2	.1	.0	.0	.7	.7	.7	.9	.4	.3	.3	.0	.0	.0	.0	.0	.0
110.	.4	.6	.5	.2	.1	.0	.0	.8	.8	.8	.9	.4	.4	.3	.0	.0	.0	.0	.0	.0
115.	.5	.6	.5	.3	.1	.0	.0	.8	.8	.9	.8	.4	.4	.3	.0	.0	.0	.0	.0	.0
120.	.6	.6	.4	.3	.1	.0	.0	.8	.8	.9	.8	.3	.4	.3	.0	.0	.0	.0	.0	.0
125.	.6	.5	.4	.3	.1	.1	.0	.8	.7	.9	.7	.3	.4	.3	.0	.0	.0	.0	.0	.0
130.	.6	.5	.4	.3	.1	.1	.0	.8	.7	.9	.7	.3	.4	.3	.0	.0	.0	.0	.0	.0
135.	.5	.4	.4	.3	.1	.1	.0	.8	.7	.9	.5	.3	.4	.3	.0	.0	.0	.0	.0	.0
140.	.5	.4	.4	.3	.1	.1	.0	.9	.8	.9	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0
145.	.5	.4	.4	.4	.1	.1	.0	.9	.8	.9	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0
150.	.5	.4	.4	.4	.1	.1	.0	.9	.8	.9	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
155.	.5	.4	.4	.4	.1	.1	.0	.9	.9	.9	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
160.	.5	.4	.4	.4	.1	.1	.1	.9	.9	.8	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
165.	.5	.4	.4	.5	.1	.1	.1	.9	.9	.8	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
170.	.4	.4	.4	.5	.1	.1	.1	1.0	.8	.7	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0
175.	.4	.4	.4	.5	.1	.1	.1	1.0	.8	.6	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0
180.	.4	.4	.4	.5	.1	.1	.1	1.0	.8	.5	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
185.	.4	.4	.4	.5	.1	.1	.1	.8	.7	.5	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0
190.	.5	.4	.4	.5	.1	.1	.1	.9	.8	.5	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
195.	.5	.4	.4	.5	.2	.1	.1	.9	.6	.4	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0
200.	.5	.4	.4	.5	.2	.1	.1	.8	.5	.5	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0
205.	.5	.3	.4	.5	.2	.1	.1	.9	.5	.4	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0

1

JOB: S2 NBPM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.5	.5	.4	.4	.2	.1	.1	.8	.3	.3	.3	.2	.3	.3	.2	.0	.0	.0	.0	.0
215.	.5	.5	.4	.4	.2	.1	.1	.7	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
220.	.6	.5	.5	.5	.2	.2	.1	.4	.1	.1	.1	.1	.1	.2	.2	.0	.2	.2	.0	.0
225.	.6	.5	.5	.5	.2	.2	.0	.3	.0	.0	.1	.1	.1	.0	.2	.0	.3	.3	.0	.0
230.	.6	.5	.6	.3	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.0	.0
235.	.5	.6	.7	.4	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.1	.0
240.	.5	.8	.6	.4	.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.1	.0
245.	.5	.7	.6	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.5	.1	.1
250.	.6	.6	.6	.3	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
255.	.6	.6	.5	.4	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
260.	.5	.5	.4	.4	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
265.	.3	.3	.3	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.3	.2
270.	.2	.2	.5	.6	.5	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.3	.2
275.	.2	.3	.4	.5	.4	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
280.	.2	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.5	.2	.2
285.	.1	.2	.4	.6	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.5	.2	.3
290.	.1	.2	.3	.6	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.2
295.	.1	.2	.3	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.3
300.	.1	.2	.3	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.5
305.	.1	.2	.2	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.2	.2	.7
310.	.1	.1	.2	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.2	.3	.7
315.	.2	.2	.2	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.5	.7
320.	.1	.2	.3	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.5	.8
325.	.0	.3	.2	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.6	.8
330.	.0	.3	.2	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.6	.8
335.	.0	.3	.3	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.3	.8	.7
340.	.0	.3	.3	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.2	.8	.7
345.	.0	.3	.3	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.7	.5
350.	.0	.2	.3	.7	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.7	.5
355.	.0	.2	.3	.7	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.8	.6
360.	.1	.2	.3	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.5	.7	.6
MAX DEGR.	.6	.8	.7	.7	.6	.7	.5	1.0	.9	.9	1.1	1.0	1.0	.6	.4	.0	.6	.6	.8	.8
	120	240	235	350	260	240	255	170	155	115	90	50	55	40	5	0	0	10	335	320

JOB: S2 NBPM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.3	.0	.0	.0	.0	.0	.0	.0	.0
5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.0	.0	.0	.0	.0	.0	.0	.0
35.	.3	.0	.0	.0	.0	.0	.0	.0	.0
40.	.3	.0	.0	.0	.0	.0	.1	.0	.0
45.	.4	.0	.0	.1	.0	.1	.0	.0	.0
50.	.4	.0	.1	.2	.1	.3	.0	.0	.0
55.	.4	.0	.2	.3	.2	.4	.0	.0	.0
60.	.4	.0	.3	.3	.3	.5	.3	.1	.1
65.	.4	.1	.4	.5	.3	.4	.3	.1	.1
70.	.4	.2	.5	.6	.4	.4	.3	.2	.2
75.	.4	.2	.4	.6	.4	.3	.3	.2	.2
80.	.2	.2	.3	.5	.4	.2	.4	.2	.2
85.	.1	.3	.3	.5	.4	.3	.4	.3	.3
90.	.1	.4	.3	.5	.5	.3	.4	.3	.3
95.	.1	.4	.3	.3	.5	.3	.4	.4	.4
100.	.1	.4	.3	.4	.4	.3	.4	.4	.4
105.	.0	.3	.3	.5	.4	.2	.4	.4	.4
110.	.0	.3	.3	.6	.4	.2	.4	.4	.4
115.	.0	.3	.2	.6	.4	.1	.4	.4	.4
120.	.0	.4	.2	.6	.4	.1	.5	.4	.4
125.	.0	.4	.2	.6	.4	.1	.5	.3	.4
130.	.0	.4	.1	.6	.4	.1	.4	.4	.4
135.	.0	.4	.1	.5	.4	.2	.4	.4	.4
140.	.0	.4	.1	.2	.6	.2	.4	.4	.4
145.	.0	.4	.1	.2	.6	.1	.4	.4	.4
150.	.0	.4	.1	.2	.6	.1	.4	.4	.4
155.	.0	.3	.1	.1	.4	.1	.4	.4	.4
160.	.0	.2	.1	.2	.4	.1	.4	.5	.4
165.	.0	.2	.1	.2	.4	.2	.3	.4	.4
170.	.0	.2	.1	.2	.2	.1	.4	.3	.3
175.	.0	.2	.1	.1	.2	.1	.3	.3	.3
180.	.0	.2	.1	.1	.3	.1	.3	.3	.3
185.	.0	.1	.1	.2	.3	.1	.2	.3	.3
190.	.0	.1	.1	.2	.2	.2	.3	.3	.3
195.	.0	.1	.1	.1	.1	.2	.3	.3	.3
200.	.0	.1	.0	.1	.1	.0	.1	.3	.3
205.	.0	.0	.0	.1	.1	.0	.1	.3	.3

JOB: S2 NBPM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.1	.1	.0	.1	.1	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.4	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	.0	.0	.0	.0	.0	.0	.0	.0
275.	.4	.0	.0	.0	.0	.0	.0	.0	.0
280.	.4	.0	.0	.0	.0	.0	.0	.0	.0
285.	.4	.0	.0	.0	.0	.0	.0	.0	.0
290.	.5	.0	.0	.0	.0	.0	.0	.0	.0
295.	.5	.0	.0	.0	.0	.0	.0	.0	.0
300.	.5	.0	.0	.0	.0	.0	.0	.0	.0
305.	.5	.0	.0	.0	.0	.0	.0	.0	.0
310.	.4	.0	.0	.0	.0	.0	.0	.0	.0
315.	.4	.0	.0	.0	.0	.0	.0	.0	.0
320.	.4	.0	.0	.0	.0	.0	.0	.0	.0
325.	.4	.0	.0	.0	.0	.0	.0	.0	.0
330.	.4	.0	.0	.0	.0	.0	.0	.0	.0
335.	.4	.0	.0	.0	.0	.0	.0	.0	.0
340.	.3	.0	.0	.0	.0	.0	.0	.0	.0
345.	.3	.0	.0	.0	.0	.0	.0	.0	.0
350.	.3	.0	.0	.0	.0	.0	.0	.0	.0
355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
360.	.3	.0	.0	.0	.0	.0	.0	.0	.0

MAX DEGR.	* CONCENTRATION (PPM)	290	90	70	70	140	60	120	160
		.5	.4	.5	.6	.6	.5	.5	.5

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 90 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 170 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 50 DEGREES FROM REC12.

S2NB15PM.OUT

1

JOB: S2 NBPM FIELDS/SAMEIG
 DATE: 12/24/2006 TIME: 00:05:45.59

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 240	REC3 235	REC4 350	REC5 260	REC6 240	REC7 255	REC8 170	REC9 155	REC10 115	REC11 90	REC12 50	REC13 55	REC14 40	REC15 5	REC16 0	REC17 0	REC18 10	REC19 335	REC20 320
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.3	.4	.3	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1
22 *	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.1	.1	.1	.0	.0	.2	.2	.3	.3	.2	.1	.0	.0	.1	.1	.1	.1
28 *	.0	.0	.0	.2	.2	.1	.2	.6	.4	.4	.5	.4	.2	.1	.0	.0	.1	.2	.2	.1
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.4	.2	.0	.1	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 NBPM FIELDS/SAMEIG
 DATE: 12/24/2006 TIME: 00:05:45.59

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 290	REC22 90	REC23 70	REC24 70	REC25 140	REC26 60	REC27 120	REC28 160
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.3	.0	.0	.0	.1	.0	.1	.1
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.1	.0	.0	.0
22 *	.0	.1	.1	.1	.0	.1	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.1	.1	.1	.0	.1	.1	.1
27 *	.0	.0	.1	.1	.1	.1	.0	.1
28 *	.1	.2	.2	.3	.2	.2	.2	.2
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2NB15PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B115AM.DAT

S2 B1AM FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

REC 1	400' SE CORNER	253838.	528042.	5.
REC 2	164' SE CORNER	253603.	528031.	5.
REC 3	82' SE CORNER	253523.	528027.	5.
REC 4	SE CORNER	253404.	528057.	5.
REC 5	82' ES CORNER	253476.	528142.	5.
REC 6	164' ES CORNER	253567.	528237.	5.
REC 7	400' ES CORNER	253740.	528343.	5.
REC 8	400' NE CORNER	253439.	528414.	5.
1253436.		253282.	528239.	5.
REC 10	82' NE CORNER	253237.	528173.	5.
REC 11		253190.	528101.	5.
REC 12	82' NW CORNER	253134.	528014.	5.
1253137.		253095.	527946.	5.
REC 14	400' NW CORNE	252983.	527749.	5.
REC 15	400' WS CORNE	253049.	527545.	5.
1253052.		527544.	527753.	5.
REC 17	82' WS CORNER	253210.	527818.	5.
REC 18	SW CORNER	253261.	527880.	5.
REC 19	82' SW CORNER	253380.	527908.	5.
REC 20	164' SW CORNE	253464.	527912.	5.
REC 21	400' SW CORNE	253701.	527932.	5.
REC 22	NSAM HOME	253186.	528339.	5.
REC 23	NSAM HOME	253042.	528120.	5.
REC 24	NSAM HOME	253147.	528166.	5.
REC 25	NSAM HOME	253206.	528257.	5.
REC 26	NSAM HOME	253029.	528034.	5.
REC 27	NSAM HOME	253257.	528332.	5.
REC 28	NSAM HOME	253318.	528416.	5.

S2 B1AM FIELDS RD & SAM EIG 42 1 1

1	NB FLD AL	AG254672.527696.254477.527871.	600 3.1 0. 44. 30.
2	NB FLD AL	AG254477.527871.254294.527964.	600 3.1 0. 44. 30.
3	NB FLD AL	AG254294.527964.254041.528019.	600 3.1 0. 44. 30.
4	NB FLD AL	AG254041.528019.253765.528009.	600 3.1 0. 44. 30.
10	NB FLD LT	AG253765.528009.253603.527990.	125 3.1 0. 44. 30.
11	NB FLD LT	AG253603.527990.253188.527959.	125 3.1 0. 44. 30.
11	NB FLD LT	AG253335.527970.253472.527980.	0. 24. 2
120	106	4.0 125 33.4 1717 3 3	
5	NB FLD RT	AG253765.528009.253589.528001.	475 3.1 0. 44. 30.
41	NB FLD RT	AG253390.528128.253376.528046.	475 3.1 0. 44. 30.
41	NB FLD RT	AG253376.528046.253410.527999.	475 3.1 0. 44. 30.
27	NB FLD RT	AG253380.528040.253406.528005.	0. 24. 2
120	72	4.0 475 33.4 1394 3 3	
41	NB FLD RT	AG253410.527999.253589.528003.	475 3.1 0. 44 30.
28	EB SSAMall	AG252907.527360.253050.527639.	2975 3.8 0. 56 30.
13	EB SAMall	AG252613.526546.252720.526853.	2975 3.8 0. 32. 30.
14	EB SAMall	AG252720.526853.252907.527360.	2975 3.8 0. 44. 30.
15	EB SAM T	AG253050.527639.253259.527988.	2775 3.8 0. 56. 30.
16	EB SAMT Q	AG253205.527898.253142.527793.	0. 36. 3
120	43	4.0 2775 33.4 1695 3 3	
17	EB SAM RT	AG253066.527621.253149.527767.	200 3.8 0. 32. 30.
18	EB SAMRT	QAG253231.527896.253160.527784.	0. 12. 1
100	73	4.0 1 33.4 1583 3 3	
19	EB SAM RT	AG253149.527767.253254.527933.	200 3.8 0. 32. 30.
21	EB SAM dp	AG253259.527988.253396.528136.	3250 3.8 0. 56. 30.
22	EB SAM dp	AG253396.528136.253994.528622.	3250 3.8 0. 56. 30.
23	EB SAM dp	AG253994.528622.254328.528881.	3250 3.8 0. 56. 30.
24	WB SAMall	AG254243.528968.254032.528794.	1800 3.8 0. 32. 30.
25	WB SAMall	AG254032.528794.253686.528514.	1800 3.8 0. 44. 30.
26	WB SAM T	AG253686.528514.253371.528252.	1000 3.8 0. 68 30.
27	WB SAM T	AG253371.528252.253183.528008.	1000 3.8 0. 68 30.
27	WB SAM T	QAG253231.528070.253317.528183.	0. 48. 4
120	43	4.0 1000 33.4 1602 3 3	
30	WB SAM LT	AG253521.528328.253394.528209.	800 3.8 0. 44 30.
31	WB SAM L	QAG253261.528053.253342.528147.	0. 24. 2
120	84	4.0 800 33.4 1717 3 3	
41	WB SAM LT	AG253523.528327.253630.528424.	800 3.8 0. 44 30.
41	WB SAM LT	AG253631.528424.253711.528534.	800 3.8 0. 44 30.
31	WB SAM LT	AG253394.528209.253218.528002.	800 3.8 0. 44 30.
33	WB SAM dp	AG253183.528008.252970.527645.	1125 3.8 0. 68 30.
34	WB SAM dp	AG252970.527645.252860.527425.	1125 3.8 0. 68 30.

				S2B115AM.DAT					
1									
35	1	WB SAM dp	AG252860.527425.252725.527063.	1125	3.8	0.	32	30.	
36	1	WB SAM dp	AG252725.527063.252549.526575.	1125	3.8	0.	32	30.	
37	1	SB FIELDS	AG253254.527933.253631.527952.	1000	3.8	0.	56	30.	
38	1	SB FIELDS	AG253631.527952.254070.527979.	1000	3.8	0.	56	30.	
39	1	SB FIELDS	AG254070.527979.254260.527944.	1000	3.8	0.	56	30.	
40	1	SB FIELDS	AG254260.527944.254431.527859.	1000	3.8	0.	56	30.	
41	1	SB FIELDS	AG254431.527859.254671.527651.	1000	3.8	0.	56	30.	
1.0	04	1000	0Y 5 0 72						

JOB: S2 B1AM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	600.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	600.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	600.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	600.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	125.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	125.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253371.3	527972.7	*	36.	86. AG	158.	100.0	.0	44.0	.54 1.9
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	475.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	475.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	475.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253435.6	527965.1	*	93.	143. AG	108.	100.0	.0	24.0	.49 4.7
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	475.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	2975.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	2975.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	2975.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2775.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253067.1	527668.2	*	268.	211. AG	96.	100.0	.0	36.0	.92 13.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	200.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	65.	100.0	.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	200.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3250.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3250.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3250.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1800.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1800.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	1000.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	1000.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253266.6	528116.8	*	59.	37. AG	128.	100.0	.0	48.0	.26 3.0
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	800.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253415.1	528231.8	*	236.	41. AG	125.	100.0	.0	24.0	.93 12.0
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	800.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	800.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	800.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1125.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1125.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1125.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1125.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1000.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1000.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1000.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1000.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1000.	3.8	.0	56.0	

JOB: S2 B1AM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 120	106	4.0	125	1717	33.40	3	3
11. 27	NB FLD RT	* 120	72	4.0	475	1394	33.40	3	3
17. 16	EB SAMT Q	* 120	43	4.0	2775	1695	33.40	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 120	43	4.0	1000	1602	33.40	3	3
30. 31	WB SAM L Q	* 120	84	4.0	800	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 5.0 * S2B115AM.OUT
27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.5	.2
5.	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.5	.6	.2
10.	.1	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	.5	.4	.2
15.	.0	.1	.2	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.3	.2
20.	.0	.1	.2	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.3	.2
25.	.0	.1	.1	.3	.4	.6	.4	.0	.0	.0	.0	.0	.0	.1	.4	.0	.4	.5	.3	.2
30.	.0	.1	.1	.3	.4	.7	.4	.0	.0	.0	.0	.0	.0	.1	.3	.0	.4	.4	.3	.2
35.	.0	.1	.1	.3	.4	.7	.4	.0	.0	.0	.0	.1	.1	.1	.3	.0	.3	.4	.3	.2
40.	.0	.0	.1	.3	.4	.6	.4	.0	.0	.0	.0	.3	.4	.3	.2	.0	.3	.4	.3	.2
45.	.0	.0	.1	.2	.4	.6	.3	.0	.0	.0	.1	.4	.5	.5	.0	.0	.2	.4	.3	.1
50.	.0	.0	.0	.2	.3	.6	.2	.0	.1	.2	.3	.4	.5	.5	.0	.0	.2	.4	.2	.1
55.	.0	.0	.0	.1	.2	.4	.2	.1	.2	.3	.3	.5	.5	.5	.0	.0	.1	.4	.2	.1
60.	.0	.0	.0	.1	.1	.3	.1	.1	.2	.3	.5	.6	.5	.4	.0	.0	.1	.1	.2	.1
65.	.0	.0	.0	.0	.1	.2	.0	.2	.2	.4	.5	.6	.4	.4	.0	.0	.1	.1	.2	.1
70.	.0	.0	.0	.0	.0	.1	.0	.3	.2	.4	.6	.6	.4	.4	.0	.0	.0	.1	.2	.1
75.	.0	.0	.0	.0	.0	.1	.0	.2	.3	.4	.7	.6	.3	.4	.0	.0	.0	.1	.2	.2
80.	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.7	.5	.3	.4	.0	.0	.0	.1	.1	.2
85.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.8	.3	.4	.3	.0	.0	.0	.1	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.8	.2	.3	.3	.0	.0	.0	.0	.1	.1
95.	.1	.0	.1	.0	.0	.0	.0	.2	.4	.3	.7	.3	.3	.3	.0	.0	.0	.0	.1	.1
100.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.4	.7	.4	.2	.3	.0	.0	.0	.0	.0	.0
105.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.5	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.4	.6	.3	.2	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
125.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.2	.2	.2	.1	.0	.0	.0	.2	.4	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.2	.1	.0	.0	.0	.2	.4	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.2	.1	.0	.0	.0	.2	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.2	.0	.0	.0	.2	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
150.	.2	.0	.1	.2	.0	.0	.0	.2	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
155.	.2	.0	.1	.2	.0	.0	.0	.2	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
160.	.2	.0	.1	.3	.0	.0	.0	.2	.3	.5	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
165.	.2	.0	.1	.3	.0	.0	.0	.2	.3	.5	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0
170.	.2	.0	.1	.4	.0	.0	.0	.2	.3	.6	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
175.	.2	.1	.1	.4	.0	.0	.0	.2	.3	.6	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
180.	.2	.1	.1	.4	.0	.0	.0	.2	.5	.5	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0
185.	.2	.1	.1	.4	.0	.0	.0	.3	.5	.3	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0
190.	.2	.1	.1	.4	.0	.0	.0	.4	.5	.4	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0
195.	.2	.1	.1	.5	.1	.0	.0	.3	.3	.5	.4	.5	.4	.4	.1	.0	.0	.0	.0	.0
200.	.2	.1	.1	.5	.1	.0	.0	.4	.3	.5	.3	.3	.2	.4	.2	.0	.0	.0	.0	.0
205.	.2	.1	.1	.5	.1	.0	.0	.3	.3	.3	.2	.1	.2	.3	.2	.0	.2	.1	.0	.0

1

PAGE 4

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.1	.4	.1	.1	.0	.2	.1	.1	.1	.1	.1	.1	.3	.0	.4	.3	.0	.0
215.	.2	.1	.2	.4	.2	.1	.0	.1	.0	.0	.1	.1	.1	.0	.4	.0	.4	.3	.0	.0
220.	.2	.1	.2	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.4	.0	.0
225.	.2	.1	.2	.5	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.5	.2	.0
230.	.2	.1	.3	.6	.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.0
235.	.2	.2	.4	.4	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.5	.2	.1
240.	.2	.2	.4	.4	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
245.	.1	.3	.4	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.6	.2	.2
250.	.0	.3	.3	.4	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
255.	.0	.3	.3	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
260.	.0	.2	.3	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.3
265.	.0	.2	.2	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.3	.2
270.	.0	.1	.2	.5	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.2
275.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.2
280.	.0	.2	.2	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
285.	.0	.2	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
290.	.1	.2	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.4
295.	.1	.3	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.4
300.	.1	.2	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.3	.3
305.	.1	.2	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.3	.4
310.	.1	.2	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.3	.5
315.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.3	.4
320.	.1	.1	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.3	.4
325.	.1	.1	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.4	.5
330.	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.4	.5
335.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.5	.5
340.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.2	.5	.4
345.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.2	.4	.5
350.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.3	.4	.3
355.	.1	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.4	.5	.2
360.	.1	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.5	.2
MAX	.2	.3	.4	.6	.5	.7	.4	.4	.5	.6	.8	.6	.5	.5	.6	.0	.6	.6	.6	.5
DEGR.	110	245	235	230	240	30	0	190	180	170	85	60	45	45	5	0	10	240	5	310

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.0	.0	.0	.0	.0	.0
55.	.2	.0	.0	.1	.0	.1	.0	.0	.0
60.	.2	.0	.1	.1	.1	.2	.0	.0	.0
65.	.2	.0	.1	.1	.1	.2	.1	.0	.0
70.	.2	.1	.1	.1	.2	.3	.1	.0	.0
75.	.2	.1	.2	.2	.2	.3	.1	.1	.1
80.	.2	.1	.2	.2	.1	.3	.2	.1	.1
85.	.2	.1	.2	.3	.1	.2	.2	.1	.1
90.	.2	.1	.3	.2	.1	.1	.2	.1	.1
95.	.1	.1	.2	.4	.1	.1	.2	.1	.1
100.	.1	.1	.2	.4	.2	.1	.1	.1	.1
105.	.1	.1	.2	.3	.2	.1	.1	.1	.1
110.	.0	.1	.1	.4	.2	.1	.1	.1	.1
115.	.0	.1	.1	.4	.2	.1	.1	.1	.1
120.	.0	.2	.1	.4	.2	.1	.1	.1	.1
125.	.0	.2	.1	.4	.2	.2	.2	.1	.1
130.	.0	.2	.1	.4	.2	.2	.2	.1	.1
135.	.0	.1	.1	.4	.2	.3	.2	.1	.1
140.	.0	.2	.1	.3	.3	.3	.2	.1	.1
145.	.0	.2	.1	.3	.2	.3	.2	.1	.1
150.	.0	.2	.1	.2	.2	.3	.2	.1	.1
155.	.0	.2	.2	.1	.3	.3	.2	.2	.2
160.	.0	.2	.2	.1	.3	.3	.2	.2	.2
165.	.0	.1	.2	.1	.3	.3	.2	.1	.1
170.	.0	.0	.2	.1	.3	.3	.3	.2	.2
175.	.0	.1	.1	.2	.2	.2	.2	.2	.2
180.	.0	.1	.0	.3	.1	.1	.3	.2	.2
185.	.0	.1	.0	.3	.1	.1	.1	.2	.2
190.	.0	.1	.0	.2	.1	.1	.1	.1	.2
195.	.0	.0	.0	.1	.1	.0	.1	.1	.1
200.	.0	.0	.0	.0	.0	.0	.1	.1	.1
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.2	.0	.0	.0	.0	.0	.0	.0	.0
260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.3	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.3	.4	.3	.3	.3	.2	
DEGR.	260	120	90	95	140	70	170	155	

THE HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 30 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 230 DEGREES FROM REC4 .

S2B115AM.OUT

1

JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 110	REC2 245	REC3 235	REC4 230	REC5 240	REC6 30	REC7 0	REC8 190	REC9 180	REC10 170	REC11 85	REC12 60	REC13 45	REC14 45	REC15 5	REC16 0	REC17 10	REC18 240	REC19 5	REC20 310
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.3	.3	.0	.0
17 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1
22 *	.0	.0	.0	.0	.1	.6	.3	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.1	.0	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 260	REC22 120	REC23 90	REC24 95	REC25 140	REC26 70	REC27 170	REC28 155
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.1	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.1	.1	.1	.1	.1	.0
22 *	.0	.1	.1	.1	.0	.1	.0	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.1	.1	.0	.1	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.1	.1	.1	.1	.1	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B115AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B115PM.DAT

S2 B1PM FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

REC 1	400' SE CORNER	253838.	528042.	5.
REC 2	164' SE CORNER	253603.	528031.	5.
REC 3	82' SE CORNER	253523.	528027.	5.
REC 4	SE CORNER	253404.	528057.	5.
REC 5	82' ES CORNER	253476.	528142.	5.
REC 6	164' ES CORNER	253567.	528237.	5.
REC 7	400' ES CORNER	253740.	528343.	5.
REC 8	400' NE CORNER	253439.	528414.	5.
1253436.		253282.	528239.	5.
REC 10	82' NE CORNER	253237.	528173.	5.
REC 11		253190.	528101.	5.
REC 12	82' NW CORNER	253134.	528014.	5.
1253137.		253095.	527946.	5.
REC 14	400' NW CORNE	252983.	527749.	5.
REC 15	400' WS CORNE	253049.	527545.	5.
1253052.		527544.	527753.	5.
REC 17	82' WS CORNER	253210.	527818.	5.
REC 18	SW CORNER	253261.	527880.	5.
REC 19	82' SW CORNER	253380.	527908.	5.
REC 20	164' SW CORNE	253464.	527912.	5.
REC 21	400' SW CORNE	253701.	527932.	5.
REC 22	NSAM HOME	253186.	528339.	5.
REC 23	NSAM HOME	253042.	528120.	5.
REC 24	NSAM HOME	253147.	528166.	5.
REC 25	NSAM HOME	253206.	528257.	5.
REC 26	NSAM HOME	253029.	528034.	5.
REC 27	NSAM HOME	253257.	528332.	5.
REC 28	NSAM HOME	253318.	528416.	5.

S2 B1PM FIELDS RD & SAM EIG 42 1 1

1	NB FLD AL	AG254672.527696.254477.527871.	1425 3.1 0. 44. 30.
2	NB FLD AL	AG254477.527871.254294.527964.	1425 3.1 0. 44. 30.
3	NB FLD AL	AG254294.527964.254041.528019.	1425 3.1 0. 44. 30.
4	NB FLD AL	AG254041.528019.253765.528009.	1425 3.1 0. 44. 30.
10	NB FLD LT	AG253765.528009.253603.527990.	475 3.1 0. 44. 30.
11	NB FLD LT	AG253603.527990.253188.527959.	475 3.1 0. 44. 30.
11	NB FLD LT	AG253335.527970.253472.527980.	0. 24. 2
100	78	4.0 475 33.4 1717 3 3	
5	NB FLD RT	AG253765.528009.253589.528001.	950 3.1 0. 44. 30.
41	NB FLD RT	AG253390.528128.253376.528046.	950 3.1 0. 44. 30.
41	NB FLD RT	AG253376.528046.253410.527999.	950 3.1 0. 44. 30.
27	NB FLD RT	AG253380.528040.253406.528005.	0. 24. 2
100	49	4.0 950 33.4 1394 3 3	
41	NB FLD RT	AG253410.527999.253589.528003.	950 3.1 0. 44 30.
28	EB SSAMall	AG252907.527360.253050.527639.	1025 3.8 0. 56 30.
13	EB SAMall	AG252613.526546.252720.526853.	1025 3.8 0. 32. 30.
14	EB SAMall	AG252720.526853.252907.527360.	1025 3.8 0. 44. 30.
15	EB SAM T	AG253050.527639.253259.527988.	825 3.8 0. 56. 30.
16	EB SAMT Q	AG253205.527898.253142.527793.	0. 36. 3
100	46	4.0 825 33.4 1695 3 3	
17	EB SAM RT	AG253066.527621.253149.527767.	175 3.8 0. 32. 30.
18	EB SAMRT	QAG253231.527896.253160.527784.	0. 12. 1
100	73	4.0 1 33.4 1583 3 3	
19	EB SAM RT	AG253149.527767.253254.527933.	175 3.8 0. 32. 30.
21	EB SAM dp	AG253259.527988.253396.528136.	1800 3.8 0. 56. 30.
22	EB SAM dp	AG253396.528136.253994.528622.	1800 3.8 0. 56. 30.
23	EB SAM dp	AG253994.528622.254328.528881.	1800 3.8 0. 56. 30.
24	WB SAMall	AG254243.528968.254032.528794.	3450 3.8 0. 32. 30.
25	WB SAMall	AG254032.528794.253686.528514.	3450 3.8 0. 44. 30.
26	WB SAM T	AG253686.528514.253371.528252.	2900 3.8 0. 68 30.
27	WB SAM T	AG253371.528252.253183.528008.	2900 3.8 0. 68 30.
27	WB SAM T	QAG253231.528070.253317.528183.	0. 48. 4
100	46	4.0 2900 33.4 1602 3 3	
30	WB SAM LT	AG253521.528328.253394.528209.	550 3.8 0. 44 30.
31	WB SAM L	QAG253261.528053.253342.528147.	0. 24. 2
100	69	4.0 550 33.4 1717 3 3	
41	WB SAM LT	AG253523.528327.253630.528424.	550 3.8 0. 44 30.
41	WB SAM LT	AG253631.528424.253711.528534.	550 3.8 0. 44 30.
31	WB SAM LT	AG253394.528209.253218.528002.	550 3.8 0. 44 30.
33	WB SAM dp	AG253183.528008.252970.527645.	3375 3.8 0. 68 30.
34	WB SAM dp	AG252970.527645.252860.527425.	3375 3.8 0. 68 30.

				S2B115PM.DAT				
1								
35		WB SAM dp	AG252860.527425.252725.527063.	3375	3.8	0.	32	30.
1								
36		WB SAM dp	AG252725.527063.252549.526575.	3375	3.8	0.	32	30.
1								
37		SB FIELDS	AG253254.527933.253631.527952.	725	3.8	0.	56	30.
1								
38		SB FIELDS	AG253631.527952.254070.527979.	725	3.8	0.	56	30.
1								
39		SB FIELDS	AG254070.527979.254260.527944.	725	3.8	0.	56	30.
1								
40		SB FIELDS	AG254260.527944.254431.527859.	725	3.8	0.	56	30.
1								
41		SB FIELDS	AG254431.527859.254671.527651.	725	3.8	0.	56	30.
1.0	04	1000	0Y 5 0 72					

JOB: S2 B1PM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:45:22.12

RUN: S2 B1PM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1425.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1425.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1425.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1425.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	475.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	475.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253461.0	527979.2	*	126.	86. AG	140.	100.0	.0	24.0	.86 6.4
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	950.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	950.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	950.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253455.9	527937.8	*	127.	143. AG	88.	100.0	.0	24.0	.76 6.5
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	950.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	1025.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1025.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1025.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	825.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253169.4	527838.7	*	69.	211. AG	124.	100.0	.0	36.0	.34 3.5
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	175.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	65.	100.0	.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	175.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1800.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1800.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1800.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3450.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3450.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2900.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2900.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253383.1	528269.9	*	251.	37. AG	165.	100.0	.0	48.0	.94 12.8
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	550.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253328.7	528131.6	*	104.	41. AG	124.	100.0	.0	24.0	.64 5.3
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	550.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	550.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	550.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3375.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3375.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3375.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3375.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	725.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	725.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	725.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	725.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	725.	3.8	.0	56.0	

JOB: S2 B1PM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:45:22.12

RUN: S2 B1PM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 100	78	4.0	475	1717	33.40	3	3
11. 27	NB FLD RT	* 100	49	4.0	950	1394	33.40	3	3
17. 16	EB SAMT Q	* 100	46	4.0	825	1695	33.40	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 100	46	4.0	2900	1602	33.40	3	3
30. 31	WB SAM L Q	* 100	69	4.0	550	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. REC 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	252754.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2B115PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 B1PM FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.7	.5
5.	.1	.2	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.6	.5
10.	.0	.1	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.6	.6	.3
15.	.0	.2	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.5	.5	.6	.3
20.	.0	.2	.1	.2	.3	.5	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.4	.5	.6	.2
25.	.0	.2	.2	.3	.3	.5	.3	.0	.0	.0	.0	.2	.3	.2	.2	.0	.4	.4	.6	.2
30.	.0	.1	.2	.3	.4	.5	.3	.0	.0	.0	.2	.2	.3	.5	.1	.0	.3	.4	.5	.2
35.	.0	.0	.1	.4	.4	.5	.3	.0	.0	.1	.3	.5	.5	.6	.0	.0	.3	.5	.5	.1
40.	.0	.0	.0	.3	.3	.5	.2	.0	.1	.3	.4	.5	.7	.6	.0	.0	.2	.3	.5	.1
45.	.0	.0	.0	.1	.3	.4	.1	.0	.1	.3	.5	.7	.7	.7	.0	.0	.2	.3	.3	.1
50.	.0	.0	.0	.1	.2	.3	.1	.1	.3	.6	.7	.9	1.0	.5	.0	.0	.1	.3	.3	.1
55.	.0	.0	.0	.1	.1	.2	.1	.2	.4	.8	.9	1.0	.9	.5	.0	.0	.1	.3	.3	.1
60.	.0	.0	.0	.0	.1	.2	.0	.2	.7	.8	.9	.7	.8	.5	.0	.0	.1	.3	.3	.1
65.	.0	.0	.0	.0	.0	.1	.0	.2	.6	.7	.9	.9	.6	.4	.0	.0	.0	.2	.2	.1
70.	.0	.0	.0	.0	.0	.1	.0	.3	.6	.9	.9	.8	.6	.4	.0	.0	.0	.2	.2	.1
75.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.9	.9	.7	.5	.4	.0	.0	.0	.1	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.8	1.0	.5	.5	.4	.0	.0	.0	.1	.1	.1
85.	.1	.0	.0	.0	.0	.0	.0	.3	.7	.8	.9	.4	.5	.4	.0	.0	.0	.0	.1	.1
90.	.1	.2	.1	.0	.0	.0	.0	.3	.7	.8	.9	.5	.4	.4	.0	.0	.0	.0	.1	.1
95.	.1	.2	.2	.0	.0	.0	.0	.3	.7	.8	.9	.6	.3	.3	.0	.0	.0	.0	.0	.0
100.	.2	.1	.2	.0	.0	.0	.0	.3	.6	.8	.9	.5	.3	.3	.0	.0	.0	.0	.0	.0
105.	.2	.2	.2	.0	.0	.0	.0	.3	.6	.6	.8	.4	.3	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.2	.1	.0	.0	.0	.3	.6	.7	.9	.4	.4	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.1	.0	.0	.0	.3	.6	.7	.9	.3	.4	.4	.0	.0	.0	.0	.0	.0
120.	.3	.2	.1	.1	.0	.0	.0	.3	.6	.7	.8	.3	.5	.4	.0	.0	.0	.0	.0	.0
125.	.3	.2	.1	.1	.0	.0	.0	.3	.6	.8	.8	.3	.4	.4	.0	.0	.0	.0	.0	.0
130.	.3	.2	.1	.1	.0	.0	.0	.3	.5	.8	.8	.3	.4	.4	.0	.0	.0	.0	.0	.0
135.	.2	.1	.1	.2	.0	.0	.0	.3	.5	.9	.6	.3	.4	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.5	.3	.4	.3	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0
150.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
155.	.2	.1	.1	.4	.0	.0	.0	.3	.8	.9	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0
160.	.2	.1	.1	.5	.0	.0	.0	.3	.9	.8	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0
165.	.2	.1	.1	.5	.0	.0	.0	.3	.8	.8	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0
170.	.1	.1	.1	.5	.0	.0	.0	.3	.9	.8	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.5	.0	.0	.0	.3	.9	.7	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.6	.0	.0	.0	.3	.8	.6	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.5	.1	.0	.0	.3	.7	.6	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0
190.	.2	.1	.1	.5	.2	.0	.0	.4	.8	.6	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0
195.	.2	.1	.1	.5	.2	.0	.0	.4	.7	.5	.5	.5	.6	.6	.0	.0	.0	.0	.0	.0
200.	.2	.1	.1	.5	.2	.0	.0	.5	.5	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
205.	.2	.0	.1	.5	.2	.0	.0	.5	.4	.3	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1PM FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.1	.4	.2	.1	.0	.5	.3	.3	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0
215.	.2	.2	.1	.4	.2	.2	.0	.5	.3	.2	.2	.2	.2	.2	.2	.0	.1	.0	.0	.0
220.	.2	.2	.4	.5	.2	.1	.0	.3	.2	.1	.1	.1	.1	.2	.2	.0	.2	.2	.0	.0
225.	.2	.2	.4	.5	.2	.2	.0	.2	.0	.1	.1	.1	.1	.0	.2	.0	.3	.3	.0	.0
230.	.2	.2	.4	.3	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.0	.0
235.	.1	.2	.6	.4	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.1	.0
240.	.1	.4	.5	.4	.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.1	.1
245.	.1	.4	.5	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.1	.1
250.	.2	.4	.5	.4	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.1	.1
255.	.2	.4	.5	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
260.	.2	.4	.4	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
265.	.0	.3	.4	.6	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.3	.2
270.	.0	.3	.5	.6	.6	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
275.	.0	.3	.4	.6	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
280.	.1	.3	.3	.6	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
285.	.1	.2	.4	.6	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.3
290.	.1	.2	.4	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.2
295.	.0	.2	.3	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.3
300.	.0	.2	.3	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.5
305.	.0	.2	.2	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.2	.7
310.	.1	.2	.2	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.3	.3	.7
315.	.1	.2	.2	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.9
320.	.1	.2	.3	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.8
325.	.1	.2	.2	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.6	.9
330.	.1	.2	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.6	.9
335.	.0	.2	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.3	.7	.8
340.	.0	.2	.2	.5	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.7	.8
345.	.0	.2	.2	.5	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.7	.6
350.	.0	.2	.2	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.6	.6
355.	.1	.2	.2	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.7	.4
360.	.1	.2	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.7	.5
MAX	.3	.4	.6	.6	.6	.7	.5	.5	.9	.9	1.0	1.0	1.0	.7	.4	.0	.6	.6	.7	.9
DEGR	120	240	235	180	245	240	250	200	160	135	80	55	50	45	5	0	0	10	0	315

JOB: S2 B1PM FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.1	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.0	.3	.0	.0	.0
55.	.2	.0	.1	.2	.2	.3	.1	.0	.0
60.	.2	.1	.2	.3	.2	.4	.2	.1	.0
65.	.2	.1	.4	.4	.2	.4	.2	.1	.0
70.	.2	.2	.4	.5	.3	.3	.2	.2	.1
75.	.3	.1	.3	.5	.4	.2	.2	.2	.2
80.	.1	.1	.3	.4	.3	.2	.3	.1	.1
85.	.1	.2	.2	.4	.4	.2	.3	.2	.2
90.	.1	.2	.2	.4	.4	.1	.3	.2	.2
95.	.1	.2	.3	.3	.5	.2	.3	.2	.2
100.	.1	.2	.2	.4	.5	.2	.2	.2	.2
105.	.0	.3	.2	.5	.4	.1	.2	.2	.2
110.	.0	.2	.2	.6	.4	.1	.3	.2	.2
115.	.0	.3	.1	.6	.3	.1	.3	.2	.2
120.	.0	.2	.1	.6	.3	.1	.4	.2	.2
125.	.0	.2	.2	.7	.3	.2	.4	.2	.2
130.	.0	.2	.2	.6	.3	.2	.4	.2	.2
135.	.0	.2	.1	.4	.3	.2	.3	.2	.2
140.	.0	.2	.1	.2	.5	.2	.3	.2	.2
145.	.0	.2	.1	.2	.5	.2	.3	.1	.1
150.	.0	.2	.1	.1	.5	.2	.3	.2	.2
155.	.0	.2	.1	.1	.5	.2	.3	.2	.2
160.	.0	.2	.1	.2	.4	.2	.3	.3	.3
165.	.0	.2	.1	.2	.3	.2	.5	.3	.3
170.	.0	.2	.1	.2	.2	.2	.4	.3	.3
175.	.0	.3	.1	.2	.2	.2	.4	.3	.3
180.	.0	.2	.1	.2	.3	.1	.2	.3	.3
185.	.0	.1	.1	.2	.2	.1	.3	.3	.2
190.	.0	.1	.1	.2	.2	.2	.3	.2	.2
195.	.0	.1	.1	.2	.1	.2	.3	.3	.3
200.	.0	.1	.0	.1	.1	.1	.2	.3	.3
205.	.0	.1	.0	.1	.1	.0	.1	.3	.3

JOB: S2 B1PM FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.1	.1	.0	.1	.1	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	.0	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.0	.0	.0	.0	.0	.0	.0	.0
300.	.3	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.0	.0	.0	.0	.0	.0	.0	.0
335.	.3	.0	.0	.0	.0	.0	.0	.0	.0
340.	.3	.0	.0	.0	.0	.0	.0	.0	.0
345.	.3	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
10	.3	.3	.4	.7	.5	.4	.5	.3	.3

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 80 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 55 DEGREES FROM REC12.
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 50 DEGREES FROM REC13.

S2B115PM.OUT

1

JOB: S2 B1PM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:45:22.12

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 240	REC3 235	REC4 180	REC5 245	REC6 240	REC7 250	REC8 200	REC9 160	REC10 135	REC11 80	REC12 55	REC13 50	REC14 45	REC15 5	REC16 0	REC17 0	REC18 10	REC19 0	REC20 315
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.1	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
12	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
22	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.3	.4	.2	.1	.0	.0	.1	.1	.1	.1
28	.0	.0	.0	.0	.1	.1	.1	.2	.3	.3	.4	.3	.2	.1	.0	.0	.1	.2	.1	.1
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.5	.2	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1PM FIELDS/SAMEIG
DATE: 12/23/2006 TIME: 23:45:22.12

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 10	REC22 105	REC23 65	REC24 125	REC25 95	REC26 60	REC27 165	REC28 160
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.1	.0	.0	.0	.0
8	.1	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.1	.0
22	.0	.1	.1	.0	.1	.1	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.1	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.0	.1	.1	.0	.1
27	.0	.0	.1	.2	.1	.1	.1	.1
28	.0	.1	.1	.2	.2	.1	.2	.1
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.1	.0	.0	.1	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B115PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B115AM.DAT

S2 B1AM FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

REC 1	400' SE CORNER	253838.	528042.	5.
REC 2	164' SE CORNER	253603.	528031.	5.
REC 3	82' SE CORNER	253523.	528027.	5.
REC 4	SE CORNER	253404.	528057.	5.
REC 5	82' ES CORNER	253476.	528142.	5.
REC 6	164' ES CORNER	253567.	528237.	5.
REC 7	400' ES CORNER	253740.	528343.	5.
REC 8	400' NE CORNER	253439.	528414.	5.
1253436.		253282.	528239.	5.
REC 10	82' NE CORNER	253237.	528173.	5.
REC 11		253190.	528101.	5.
REC 12	82' NW CORNER	253134.	528014.	5.
1253137.		253095.	527946.	5.
REC 14	400' NW CORNE	252983.	527749.	5.
REC 15	400' WS CORNE	253049.	527545.	5.
1253052.		527544.	527753.	5.
REC 17	82' WS CORNER	253210.	527818.	5.
REC 18	SW CORNER	253261.	527880.	5.
REC 19	82' SW CORNER	253380.	527908.	5.
REC 20	164' SW CORNE	253464.	527912.	5.
REC 21	400' SW CORNE	253701.	527932.	5.
REC 22	NSAM HOME	253186.	528339.	5.
REC 23	NSAM HOME	253042.	528120.	5.
REC 24	NSAM HOME	253147.	528166.	5.
REC 25	NSAM HOME	253206.	528257.	5.
REC 26	NSAM HOME	253029.	528034.	5.
REC 27	NSAM HOME	253257.	528332.	5.
REC 28	NSAM HOME	253318.	528416.	5.

S2 B1AM FIELDS RD & SAM EIG 42 1 1

1	NB FLD AL	AG254672.527696.254477.527871.	600 3.1 0. 44. 30.
2	NB FLD AL	AG254477.527871.254294.527964.	600 3.1 0. 44. 30.
3	NB FLD AL	AG254294.527964.254041.528019.	600 3.1 0. 44. 30.
4	NB FLD AL	AG254041.528019.253765.528009.	600 3.1 0. 44. 30.
10	NB FLD LT	AG253765.528009.253603.527990.	125 3.1 0. 44. 30.
11	NB FLD LT	AG253603.527990.253188.527959.	125 3.1 0. 44. 30.
11	NB FLD LT	AG253335.527970.253472.527980.	0. 24. 2
120	106	4.0 125 33.4 1717 3 3	
5	NB FLD RT	AG253765.528009.253589.528001.	475 3.1 0. 44. 30.
41	NB FLD RT	AG253390.528128.253376.528046.	475 3.1 0. 44. 30.
41	NB FLD RT	AG253376.528046.253410.527999.	475 3.1 0. 44. 30.
27	NB FLD RT	AG253380.528040.253406.528005.	0. 24. 2
120	72	4.0 475 33.4 1394 3 3	
41	NB FLD RT	AG253410.527999.253589.528003.	475 3.1 0. 44 30.
28	EB SSAMall	AG252907.527360.253050.527639.	2975 3.8 0. 56 30.
13	EB SAMall	AG252613.526546.252720.526853.	2975 3.8 0. 32. 30.
14	EB SAMall	AG252720.526853.252907.527360.	2975 3.8 0. 44. 30.
15	EB SAM T	AG253050.527639.253259.527988.	2775 3.8 0. 56. 30.
16	EB SAMT Q	AG253205.527898.253142.527793.	0. 36. 3
120	43	4.0 2775 33.4 1695 3 3	
17	EB SAM RT	AG253066.527621.253149.527767.	200 3.8 0. 32. 30.
18	EB SAMRT	QAG253231.527896.253160.527784.	0. 12. 1
100	73	4.0 1 33.4 1583 3 3	
19	EB SAM RT	AG253149.527767.253254.527933.	200 3.8 0. 32. 30.
21	EB SAM dp	AG253259.527988.253396.528136.	3250 3.8 0. 56. 30.
22	EB SAM dp	AG253396.528136.253994.528622.	3250 3.8 0. 56. 30.
23	EB SAM dp	AG253994.528622.254328.528881.	3250 3.8 0. 56. 30.
24	WB SAMall	AG254243.528968.254032.528794.	1800 3.8 0. 32. 30.
25	WB SAMall	AG254032.528794.253686.528514.	1800 3.8 0. 44. 30.
26	WB SAM T	AG253686.528514.253371.528252.	1000 3.8 0. 68 30.
27	WB SAM T	AG253371.528252.253183.528008.	1000 3.8 0. 68 30.
27	WB SAM T	QAG253231.528070.253317.528183.	0. 48. 4
120	43	4.0 1000 33.4 1602 3 3	
30	WB SAM LT	AG253521.528328.253394.528209.	800 3.8 0. 44 30.
31	WB SAM L	QAG253261.528053.253342.528147.	0. 24. 2
120	84	4.0 800 33.4 1717 3 3	
41	WB SAM LT	AG253523.528327.253630.528424.	800 3.8 0. 44 30.
41	WB SAM LT	AG253631.528424.253711.528534.	800 3.8 0. 44 30.
31	WB SAM LT	AG253394.528209.253218.528002.	800 3.8 0. 44 30.
33	WB SAM dp	AG253183.528008.252970.527645.	1125 3.8 0. 68 30.
34	WB SAM dp	AG252970.527645.252860.527425.	1125 3.8 0. 68 30.

				S2B115AM.DAT					
1									
35		WB SAM dp	AG252860.527425.252725.527063.	1125	3.8	0.	32	30.	
1									
36		WB SAM dp	AG252725.527063.252549.526575.	1125	3.8	0.	32	30.	
1									
37		SB FIELDS	AG253254.527933.253631.527952.	1000	3.8	0.	56	30.	
1									
38		SB FIELDS	AG253631.527952.254070.527979.	1000	3.8	0.	56	30.	
1									
39		SB FIELDS	AG254070.527979.254260.527944.	1000	3.8	0.	56	30.	
1									
40		SB FIELDS	AG254260.527944.254431.527859.	1000	3.8	0.	56	30.	
1									
41		SB FIELDS	AG254431.527859.254671.527651.	1000	3.8	0.	56	30.	
1.0	04	1000	0Y 5 0 72						

JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	600.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	600.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	600.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	600.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	125.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	125.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253371.3	527972.7	*	36.	86. AG	158.	100.0	.0	44.0	.54 1.9
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	475.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	475.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	475.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253435.6	527965.1	*	93.	143. AG	108.	100.0	.0	24.0	.49 4.7
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	475.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	2975.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	2975.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	2975.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2775.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253067.1	527668.2	*	268.	211. AG	96.	100.0	.0	36.0	.92 13.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	200.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	65.	100.0	.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	200.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3250.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3250.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3250.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1800.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1800.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	1000.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	1000.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253266.6	528116.8	*	59.	37. AG	128.	100.0	.0	48.0	.26 3.0
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	800.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253415.1	528231.8	*	236.	41. AG	125.	100.0	.0	24.0	.93 12.0
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	800.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	800.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	800.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1125.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1125.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1125.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1125.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1000.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1000.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1000.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1000.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1000.	3.8	.0	56.0	

 JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 120	106	4.0	125	1717	33.40	3	3
11. 27	NB FLD RT	* 120	72	4.0	475	1394	33.40	3	3
17. 16	EB SAMT Q	* 120	43	4.0	2775	1695	33.40	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 120	43	4.0	1000	1602	33.40	3	3
30. 31	WB SAM L Q	* 120	84	4.0	800	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 5.0 * S2B115AM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.5	.2
5.	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.5	.6	.2
10.	.1	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	.5	.4	.2
15.	.0	.1	.2	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.3	.2
20.	.0	.1	.2	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.3	.2
25.	.0	.1	.1	.3	.4	.6	.4	.0	.0	.0	.0	.0	.0	.1	.4	.0	.4	.5	.3	.2
30.	.0	.1	.1	.3	.4	.7	.4	.0	.0	.0	.0	.0	.0	.1	.3	.0	.4	.4	.3	.2
35.	.0	.1	.1	.3	.4	.7	.4	.0	.0	.0	.0	.1	.1	.1	.3	.0	.3	.4	.3	.2
40.	.0	.0	.1	.3	.4	.6	.4	.0	.0	.0	.0	.3	.4	.3	.2	.0	.3	.4	.3	.2
45.	.0	.0	.1	.2	.4	.6	.3	.0	.0	.0	.1	.4	.5	.5	.0	.0	.2	.4	.3	.1
50.	.0	.0	.0	.2	.3	.6	.2	.0	.1	.2	.3	.4	.5	.5	.0	.0	.2	.4	.2	.1
55.	.0	.0	.0	.1	.2	.4	.2	.1	.2	.3	.3	.5	.5	.5	.0	.0	.1	.4	.2	.1
60.	.0	.0	.0	.1	.1	.3	.1	.1	.2	.3	.5	.6	.5	.4	.0	.0	.1	.1	.2	.1
65.	.0	.0	.0	.0	.1	.2	.0	.2	.2	.4	.5	.6	.4	.4	.0	.0	.1	.1	.2	.1
70.	.0	.0	.0	.0	.0	.1	.0	.3	.2	.4	.6	.6	.4	.4	.0	.0	.0	.1	.2	.1
75.	.0	.0	.0	.0	.0	.1	.0	.2	.3	.4	.7	.6	.3	.4	.0	.0	.0	.1	.2	.2
80.	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.7	.5	.3	.4	.0	.0	.0	.1	.1	.2
85.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.8	.3	.4	.3	.0	.0	.0	.1	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.8	.2	.3	.3	.0	.0	.0	.0	.1	.1
95.	.1	.0	.1	.0	.0	.0	.0	.2	.4	.3	.7	.3	.3	.3	.0	.0	.0	.0	.1	.1
100.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.4	.7	.4	.2	.3	.0	.0	.0	.0	.0	.0
105.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.5	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.4	.6	.3	.2	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
125.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.2	.2	.2	.1	.0	.0	.0	.2	.4	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.2	.1	.0	.0	.0	.2	.4	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.2	.1	.0	.0	.0	.2	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.2	.0	.0	.0	.2	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
150.	.2	.0	.1	.2	.0	.0	.0	.2	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
155.	.2	.0	.1	.2	.0	.0	.0	.2	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
160.	.2	.0	.1	.3	.0	.0	.0	.2	.3	.5	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
165.	.2	.0	.1	.3	.0	.0	.0	.2	.3	.5	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0
170.	.2	.0	.1	.4	.0	.0	.0	.2	.3	.6	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
175.	.2	.1	.1	.4	.0	.0	.0	.2	.3	.6	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
180.	.2	.1	.1	.4	.0	.0	.0	.2	.5	.5	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0
185.	.2	.1	.1	.4	.0	.0	.0	.3	.5	.3	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0
190.	.2	.1	.1	.4	.0	.0	.0	.4	.5	.4	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0
195.	.2	.1	.1	.5	.1	.0	.0	.3	.3	.5	.4	.5	.4	.4	.1	.0	.0	.0	.0	.0
200.	.2	.1	.1	.5	.1	.0	.0	.4	.3	.5	.3	.3	.2	.4	.2	.0	.0	.0	.0	.0
205.	.2	.1	.1	.5	.1	.0	.0	.3	.3	.3	.2	.1	.2	.3	.2	.0	.2	.1	.0	.0

1

PAGE 4

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.1	.4	.1	.1	.0	.2	.1	.1	.1	.1	.1	.1	.3	.0	.4	.3	.0	.0
215.	.2	.1	.2	.4	.2	.1	.0	.1	.0	.0	.1	.1	.1	.0	.4	.0	.4	.3	.0	.0
220.	.2	.1	.2	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.4	.0	.0
225.	.2	.1	.2	.5	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.5	.2	.0
230.	.2	.1	.3	.6	.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.0
235.	.2	.2	.4	.4	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.5	.2	.1
240.	.2	.2	.4	.4	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
245.	.1	.3	.4	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6	.6	.2	.2
250.	.0	.3	.3	.4	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
255.	.0	.3	.3	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.2
260.	.0	.2	.3	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.6	.2	.3
265.	.0	.2	.2	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.3	.2
270.	.0	.1	.2	.5	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.2
275.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.2
280.	.0	.2	.2	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
285.	.0	.2	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.3
290.	.1	.2	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.4
295.	.1	.3	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.4
300.	.1	.2	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.3	.3
305.	.1	.2	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.3	.4
310.	.1	.2	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.3	.5
315.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.3	.4
320.	.1	.1	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.3	.4
325.	.1	.1	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.4	.5
330.	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.4	.5
335.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.5	.5
340.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.2	.5	.4
345.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.2	.4	.5
350.	.1	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.3	.4	.3
355.	.1	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.4	.5	.2
360.	.1	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.5	.2
MAX DEGR.	.2	.3	.4	.6	.5	.7	.4	.4	.5	.6	.8	.6	.5	.5	.6	.0	.6	.6	.6	.5
	110	245	235	230	240	30	0	190	180	170	85	60	45	45	5	0	10	240	5	310

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.0	.0	.0	.0	.0	.0
55.	.2	.0	.0	.1	.0	.1	.0	.0	.0
60.	.2	.0	.1	.1	.1	.2	.0	.0	.0
65.	.2	.0	.1	.1	.1	.2	.1	.0	.0
70.	.2	.1	.1	.1	.2	.3	.1	.0	.0
75.	.2	.1	.2	.2	.2	.3	.1	.1	.1
80.	.2	.1	.2	.2	.1	.3	.2	.1	.1
85.	.2	.1	.2	.3	.1	.2	.2	.1	.1
90.	.2	.1	.3	.2	.1	.1	.2	.1	.1
95.	.1	.1	.2	.4	.1	.1	.2	.1	.1
100.	.1	.1	.2	.4	.2	.1	.1	.1	.1
105.	.1	.1	.2	.3	.2	.1	.1	.1	.1
110.	.0	.1	.1	.4	.2	.1	.1	.1	.1
115.	.0	.1	.1	.4	.2	.1	.1	.1	.1
120.	.0	.2	.1	.4	.2	.1	.1	.1	.1
125.	.0	.2	.1	.4	.2	.2	.2	.1	.1
130.	.0	.2	.1	.4	.2	.2	.2	.1	.1
135.	.0	.1	.1	.4	.2	.3	.2	.1	.1
140.	.0	.2	.1	.3	.3	.3	.2	.1	.1
145.	.0	.2	.1	.3	.2	.3	.2	.1	.1
150.	.0	.2	.1	.2	.2	.3	.2	.1	.1
155.	.0	.2	.2	.1	.3	.3	.2	.2	.2
160.	.0	.2	.2	.1	.3	.3	.2	.2	.2
165.	.0	.1	.2	.1	.3	.3	.2	.1	.1
170.	.0	.0	.2	.1	.3	.3	.3	.2	.2
175.	.0	.1	.1	.2	.2	.2	.2	.2	.2
180.	.0	.1	.0	.3	.1	.1	.3	.2	.2
185.	.0	.1	.0	.3	.1	.1	.1	.2	.2
190.	.0	.1	.0	.2	.1	.1	.1	.1	.2
195.	.0	.0	.0	.1	.1	.0	.1	.1	.1
200.	.0	.0	.0	.0	.0	.0	.1	.1	.1
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 B1AM FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.2	.0	.0	.0	.0	.0	.0	.0	.0
260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.3	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.3	.4	.3	.3	.3	.2	
DEGR.	260	120	90	95	140	70	170	155	

THE HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 30 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 230 DEGREES FROM REC4 .

S2B115AM.OUT

1

JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 110	REC2 245	REC3 235	REC4 230	REC5 240	REC6 30	REC7 0	REC8 190	REC9 180	REC10 170	REC11 85	REC12 60	REC13 45	REC14 45	REC15 5	REC16 0	REC17 10	REC18 240	REC19 5	REC20 310
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.3	.3	.0	.0
17 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1
22 *	.0	.0	.0	.0	.1	.6	.3	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.1	.0	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1AM FIELDS/SAMEIG
 DATE: 12/23/2006 TIME: 23:39:29.94

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 260	REC22 120	REC23 90	REC24 95	REC25 140	REC26 70	REC27 170	REC28 155
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.1	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.1	.1	.1	.1	.1	.0
22 *	.0	.1	.1	.1	.0	.1	.0	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.1	.1	.0	.1	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.1	.1	.1	.1	.1	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B115AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B215PM.DAT									
S2	B2PM	FIELDS/SAMEIG	60.0175.0.0000.000280.30480000						
REC 1	400'	SE CORNER	253838.	528042.	5.				
REC 2	164'	SE CORNER	253603.	528031.	5.				
REC 3	82'	SE CORNER	253523.	528027.	5.				
REC 4		SE CORNER	253404.	528057.	5.				
REC 5	82'	ES CORNER	253476.	528142.	5.				
REC 6	164'	ES CORNER	253567.	528237.	5.				
REC 7	400'	ES CORNER	253740.	528343.	5.				
REC 8	400'	NE CORNER	253439.	528414.	5.				
1253	436.		253282.	528239.	5.				
REC 10	82'	NE CORNER	253237.	528173.	5.				
REC 11			253190.	528101.	5.				
REC 12	82'	NW CORNER	253134.	528014.	5.				
1253	137.		253095.	527946.	5.				
REC 14	400'	NW CORNE	252983.	527749.	5.				
REC 15	400'	WS CORNE	253049.	527545.	5.				
1253	052.		527544.	527753.	5.				
REC 17	82'	WS CORNER	253210.	527818.	5.				
REC 18		SW CORNER	253261.	527880.	5.				
REC 19	82'	SW CORNER	253380.	527908.	5.				
REC 20	164'	SW CORNE	253464.	527912.	5.				
REC 21	400'	SW CORNE	253701.	527932.	5.				
REC 22		NSAM HOME	253186.	528339.	5.				
REC 23		NSAM HOME	253042.	528120.	5.				
REC 24		NSAM HOME	253147.	528166.	5.				
REC 25		NSAM HOME	253206.	528257.	5.				
REC 26		NSAM HOME	253029.	528034.	5.				
REC 27		NSAM HOME	253257.	528332.	5.				
REC 28		NSAM HOME	253318.	528416.	5.				
S2	B2PM	FIELDS RD & SAM EIG	42 1 1						
1		NB FLD AL	AG254672.527696.254477.527871.	1425	3.1	0.	44.	30.	
2		NB FLD AL	AG254477.527871.254294.527964.	1425	3.1	0.	44.	30.	
3		NB FLD AL	AG254294.527964.254041.528019.	1425	3.1	0.	44.	30.	
4		NB FLD AL	AG254041.528019.253765.528009.	1425	3.1	0.	44.	30.	
10		NB FLD LT	AG253765.528009.253603.527990.	475	3.1	0.	44.	30.	
11		NB FLD LT	AG253603.527990.253188.527959.	475	3.1	0.	44.	30.	
11	100	NB FLD LT	AG253335.527970.253472.527980.	0.	24.	2			
5		NB FLD RT	AG253765.528009.253589.528001.	950	3.1	0.	44.	30.	
41		NB FLD RT	AG253390.528128.253376.528046.	950	3.1	0.	44.	30.	
41		NB FLD RT	AG253376.528046.253410.527999.	950	3.1	0.	44.	30.	
27	100	NB FLD RT	AG253380.528040.253406.528005.	0.	24.	2			
41		NB FLD RT	AG253410.527999.253589.528003.	950	3.1	0.	44.	30.	
28		EB SSAMall	AG252907.527360.253050.527639.	1000	3.8	0.	56.	30.	
13		EB SAMall	AG252613.526546.252720.526853.	1000	3.8	0.	32.	30.	
14		EB SAMall	AG252720.526853.252907.527360.	100					

				S2B215PM.DAT				
1								
35	WB SAM dp	AG252860.527425.252725.527063.	3375	3.8	0.	32	30.	
1								
36	WB SAM dp	AG252725.527063.252549.526575.	3375	3.8	0.	32	30.	
1								
37	SB FIELDS	AG253254.527933.253631.527952.	725	3.8	0.	56	30.	
1								
38	SB FIELDS	AG253631.527952.254070.527979.	725	3.8	0.	56	30.	
1								
39	SB FIELDS	AG254070.527979.254260.527944.	725	3.8	0.	56	30.	
1								
40	SB FIELDS	AG254260.527944.254431.527859.	725	3.8	0.	56	30.	
1								
41	SB FIELDS	AG254431.527859.254671.527651.	725	3.8	0.	56	30.	
1.0	04	1000 0Y 5 0 72						

JOB: S2 B2PM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:00:24.44

RUN: S2 B2PM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1425.	3.1	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1425.	3.1	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1425.	3.1	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1425.	3.1	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	475.	3.1	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	475.	3.1	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253461.0	527979.2	*	126.	86. AG	140. 100.0		.0	24.0	.86 6.4
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	950.	3.1	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	950.	3.1	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	950.	3.1	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253455.9	527937.8	*	127.	143. AG	88. 100.0		.0	24.0	.76 6.5
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	950.	3.1	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	1000.	3.8	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1000.	3.8	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1000.	3.8	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	825.	3.8	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253169.4	527838.7	*	69.	211. AG	124. 100.0		.0	36.0	.34 3.5
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	175.	3.8	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	65. 100.0		.0	12.0	.00 .0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	175.	3.8	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1775.	3.8	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1775.	3.8	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1775.	3.8	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3450.	3.8	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3450.	3.8	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2900.	3.8	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2900.	3.8	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253383.1	528269.9	*	251.	37. AG	165. 100.0		.0	48.0	.94 12.8
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	550.	3.8	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253328.7	528131.6	*	104.	41. AG	124. 100.0		.0	24.0	.64 5.3
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	550.	3.8	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	550.	3.8	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	550.	3.8	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3375.	3.8	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3375.	3.8	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3375.	3.8	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3375.	3.8	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	725.	3.8	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	725.	3.8	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	725.	3.8	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	725.	3.8	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	725.	3.8	.0	56.0	

JOB: S2 B2PM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:00:24.44

RUN: S2 B2PM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 100	78	4.0	475	1717	33.40	3	3
11. 27	NB FLD RT	* 100	49	4.0	950	1394	33.40	3	3
17. 16	EB SAMT Q	* 100	46	4.0	825	1695	33.40	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	33.40	3	3
28. 27	WB SAM T Q	* 100	46	4.0	2900	1602	33.40	3	3
30. 31	WB SAM L Q	* 100	69	4.0	550	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2B215PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 B2PM FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.7	.5
5.	.1	.2	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.5	.6	.5
10.	.0	.1	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.6	.6	.3
15.	.0	.2	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.5	.5	.6	.3
20.	.0	.2	.1	.2	.3	.5	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.4	.5	.6	.2
25.	.0	.2	.2	.3	.3	.5	.3	.0	.0	.0	.0	.2	.3	.2	.2	.0	.4	.4	.6	.2
30.	.0	.0	.2	.3	.4	.5	.3	.0	.0	.0	.2	.2	.3	.5	.1	.0	.3	.4	.5	.2
35.	.0	.0	.1	.4	.4	.4	.3	.0	.0	.1	.3	.5	.5	.6	.0	.0	.3	.5	.5	.1
40.	.0	.0	.0	.3	.3	.4	.2	.0	.1	.3	.4	.5	.7	.6	.0	.0	.2	.3	.5	.1
45.	.0	.0	.0	.1	.3	.4	.1	.0	.1	.3	.5	.7	.7	.7	.0	.0	.2	.3	.3	.1
50.	.0	.0	.0	.1	.2	.3	.1	.1	.3	.6	.7	.9	1.0	.5	.0	.0	.1	.3	.3	.1
55.	.0	.0	.0	.1	.1	.2	.1	.2	.4	.8	.9	1.0	.9	.5	.0	.0	.1	.3	.3	.1
60.	.0	.0	.0	.0	.1	.2	.0	.2	.7	.8	.9	.7	.8	.5	.0	.0	.1	.3	.3	.1
65.	.0	.0	.0	.0	.0	.1	.0	.2	.6	.7	.9	.9	.6	.4	.0	.0	.0	.2	.2	.1
70.	.0	.0	.0	.0	.0	.1	.0	.3	.6	.9	.9	.8	.6	.4	.0	.0	.0	.2	.2	.1
75.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.9	.9	.7	.5	.4	.0	.0	.0	.1	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.8	1.0	.5	.5	.4	.0	.0	.0	.1	.1	.1
85.	.1	.0	.0	.0	.0	.0	.0	.3	.7	.8	.9	.4	.5	.4	.0	.0	.0	.0	.1	.1
90.	.1	.2	.1	.0	.0	.0	.0	.3	.7	.8	.9	.5	.4	.4	.0	.0	.0	.0	.1	.1
95.	.1	.2	.2	.0	.0	.0	.0	.3	.7	.8	.9	.6	.3	.3	.0	.0	.0	.0	.0	.0
100.	.2	.1	.2	.0	.0	.0	.0	.3	.6	.8	.9	.5	.3	.3	.0	.0	.0	.0	.0	.0
105.	.2	.2	.2	.0	.0	.0	.0	.3	.6	.6	.8	.4	.3	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.2	.1	.0	.0	.0	.3	.6	.7	.9	.4	.4	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.1	.0	.0	.0	.3	.6	.7	.9	.3	.4	.4	.0	.0	.0	.0	.0	.0
120.	.3	.2	.1	.1	.0	.0	.0	.3	.6	.7	.8	.3	.5	.4	.0	.0	.0	.0	.0	.0
125.	.3	.2	.1	.1	.0	.0	.0	.3	.6	.8	.8	.3	.4	.4	.0	.0	.0	.0	.0	.0
130.	.3	.2	.1	.1	.0	.0	.0	.3	.5	.8	.8	.3	.4	.4	.0	.0	.0	.0	.0	.0
135.	.2	.1	.1	.2	.0	.0	.0	.3	.5	.9	.6	.3	.4	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.5	.3	.4	.3	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0
150.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
155.	.2	.1	.1	.4	.0	.0	.0	.3	.8	.9	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0
160.	.2	.1	.1	.5	.0	.0	.0	.3	.9	.8	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0
165.	.2	.1	.1	.5	.0	.0	.0	.3	.8	.8	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0
170.	.1	.1	.1	.5	.0	.0	.0	.3	.9	.8	.4	.5	.4	.6	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.5	.0	.0	.0	.3	.9	.7	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.6	.0	.0	.0	.3	.8	.6	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.5	.1	.0	.0	.3	.7	.6	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
190.	.2	.1	.1	.5	.2	.0	.0	.4	.8	.6	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0
195.	.2	.1	.1	.5	.2	.0	.0	.4	.7	.5	.5	.5	.6	.6	.0	.0	.0	.0	.0	.0
200.	.2	.1	.1	.5	.2	.0	.0	.5	.5	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
205.	.2	.0	.1	.5	.2	.0	.0	.5	.4	.3	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0

1

JOB: S2 B2PM FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.1	.4	.2	.1	.0	.5	.3	.3	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0
215.	.2	.2	.1	.4	.2	.2	.0	.5	.3	.2	.2	.2	.2	.2	.2	.0	.1	.0	.0	.0
220.	.2	.2	.4	.5	.2	.1	.0	.3	.2	.1	.1	.1	.1	.2	.2	.0	.2	.2	.0	.0
225.	.2	.2	.4	.5	.2	.2	.0	.2	.0	.1	.1	.1	.1	.0	.2	.0	.3	.3	.0	.0
230.	.2	.2	.4	.3	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.0	.0
235.	.1	.2	.6	.4	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.1	.0
240.	.1	.4	.5	.4	.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.1	.1
245.	.1	.4	.5	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.1	.1
250.	.2	.4	.5	.4	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.1	.1
255.	.2	.4	.5	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
260.	.2	.4	.4	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
265.	.0	.3	.4	.6	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.3	.2
270.	.0	.3	.5	.6	.6	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
275.	.0	.2	.4	.6	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
280.	.1	.3	.3	.6	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.2
285.	.1	.2	.4	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.3
290.	.1	.2	.4	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.2
295.	.0	.2	.3	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.3
300.	.0	.2	.3	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.5
305.	.0	.2	.2	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.2	.7
310.	.1	.2	.2	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.3	.3	.7
315.	.1	.2	.2	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.9
320.	.1	.2	.3	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.8
325.	.1	.2	.2	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.6	.9
330.	.1	.2	.3	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.3	.6	.9
335.	.0	.2	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.3	.7	.8
340.	.0	.2	.2	.5	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.2	.7	.8
345.	.0	.2	.2	.5	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.7	.6
350.	.0	.2	.2	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.6	.6
355.	.1	.2	.2	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.7	.4
360.	.1	.2	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.7	.5
MAX	.3	.4	.6	.6	.6	.7	.5	.5	.9	.9	1.0	1.0	1.0	.7	.4	.0	.6	.6	.7	.9
DEGR	120	240	235	180	245	240	250	200	160	135	80	55	50	45	5	0	0	10	0	315

JOB: S2 B2PM FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.1	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.0	.3	.0	.0	.0
55.	.2	.0	.1	.2	.2	.3	.1	.0	.0
60.	.2	.1	.2	.3	.2	.4	.2	.1	.0
65.	.2	.1	.4	.4	.2	.4	.2	.1	.0
70.	.2	.2	.4	.5	.3	.3	.2	.2	.0
75.	.3	.1	.3	.5	.4	.2	.2	.2	.0
80.	.1	.1	.2	.4	.3	.2	.3	.1	.0
85.	.1	.2	.2	.4	.4	.2	.3	.2	.0
90.	.1	.2	.2	.4	.4	.1	.3	.2	.0
95.	.1	.2	.3	.3	.5	.2	.3	.2	.0
100.	.1	.2	.2	.4	.5	.2	.2	.2	.0
105.	.0	.2	.2	.5	.4	.1	.2	.2	.0
110.	.0	.2	.2	.6	.4	.1	.3	.2	.0
115.	.0	.3	.1	.6	.3	.1	.3	.2	.0
120.	.0	.2	.1	.6	.3	.1	.4	.2	.0
125.	.0	.2	.2	.7	.3	.2	.4	.1	.0
130.	.0	.2	.2	.6	.3	.2	.4	.2	.0
135.	.0	.2	.1	.4	.3	.2	.3	.2	.0
140.	.0	.2	.1	.2	.5	.2	.3	.2	.0
145.	.0	.2	.1	.2	.5	.2	.3	.1	.0
150.	.0	.2	.1	.1	.5	.2	.3	.2	.0
155.	.0	.2	.1	.1	.5	.2	.3	.2	.0
160.	.0	.2	.1	.2	.4	.2	.3	.3	.0
165.	.0	.2	.1	.2	.3	.2	.4	.3	.0
170.	.0	.2	.1	.2	.2	.2	.4	.3	.0
175.	.0	.3	.1	.2	.2	.2	.4	.3	.0
180.	.0	.2	.1	.2	.3	.1	.2	.3	.0
185.	.0	.1	.1	.2	.2	.1	.3	.3	.0
190.	.0	.1	.1	.2	.2	.2	.3	.2	.0
195.	.0	.1	.1	.2	.1	.2	.3	.3	.0
200.	.0	.1	.0	.1	.1	.1	.2	.3	.0
205.	.0	.1	.0	.1	.1	.0	.1	.3	.0

JOB: S2 B2PM FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.1	.1	.0	.1	.1	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	.0	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.0	.0	.0	.0	.0	.0	.0	.0
300.	.3	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.0	.0	.0	.0	.0	.0	.0	.0
335.	.3	.0	.0	.0	.0	.0	.0	.0	.0
340.	.3	.0	.0	.0	.0	.0	.0	.0	.0
345.	.3	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.3	.4	.7	.5	.4	.4	.3	.3
DEGR.	10	115	65	125	95	60	120	160	

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 80 DEGREES FROM REC11.

S2B215PM.OUT
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 55 DEGREES FROM REC12.
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 50 DEGREES FROM REC13.

1

JOB: S2 B2PM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:00:24.44

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 240	REC3 235	REC4 180	REC5 245	REC6 240	REC7 250	REC8 200	REC9 160	REC10 135	REC11 80	REC12 55	REC13 50	REC14 45	REC15 5	REC16 0	REC17 0	REC18 10	REC19 0	REC20 315
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.1	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
22 *	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.3	.4	.2	.1	.0	.0	.1	.1	.1	.1
28 *	.0	.0	.0	.0	.1	.1	.1	.2	.3	.3	.4	.3	.2	.1	.0	.0	.1	.2	.1	.1
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.5	.2	.0	.1	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B2PM FIELDS/SAMEIG
DATE: 12/24/2006 TIME: 00:00:24.44

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 10	REC22 115	REC23 65	REC24 125	REC25 95	REC26 60	REC27 120	REC28 160
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.1	.0	.0	.0	.0
8 *	.1	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.0	.0	.0	.0
22 *	.0	.0	.1	.0	.1	.1	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.1	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.1	.1	.0	.1	.1	.1	.1
27 *	.0	.1	.1	.2	.1	.1	.1	.1
28 *	.0	.1	.1	.2	.2	.1	.1	.1
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.1	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B215PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

										S2NB30AM.DAT									
S2 NBAM FIELDS/SAMEIG										60.0175.0.0000.000280.30480000									
REC 1	400'	SE CORNER	253838.	528042.	5.														
REC 2	164'	SE CORNER	253603.	528031.	5.														
REC 3	82'	SE CORNER	253523.	528027.	5.														
REC 4	SE CORNER	253404.	528057.	5.															
REC 5	82'	ES CORNER	253476.	528142.	5.														
REC 6	164'	ES CORNER	253567.	528237.	5.														
REC 7	400'	ES CORNER	253740.	528343.	5.														
REC 8	400'	NE CORNER	253439.	528414.	5.														
1253436.			253282.	528239.	5.														
REC 10	82'	NE CORNER	253237.	528173.	5.														
REC 11			253190.	528101.	5.														
REC 12	82'	NW CORNER	253134.	528014.	5.														
1253137.			253095.	527946.	5.														
REC 14	400'	NW CORNE	252983.	527749.	5.														
REC 15	400'	WS CORNE	253049.	527545.	5.														
1253052.			527544.	527753.	5.														
REC 17	82'	WS CORNER	253210.	527818.	5.														
REC 18	SW CORNER	253261.	527880.	5.															
REC 19	82'	SW CORNER	253380.	527908.	5.														
REC 20	164'	SW CORNE	253464.	527912.	5.														
REC 21	400'	SW CORNE	253701.	527932.	5.														
REC 22	NSAM HOME	253186.	528339.	5.															
REC 23	NSAM HOME	253042.	528120.	5.															
REC 24	NSAM HOME	253147.	528166.	5.															
REC 25	NSAM HOME	253206.	528257.	5.															
REC 26	NSAM HOME	253029.	528034.	5.															
REC 27	NSAM HOME	253257.	528332.	5.															
REC 28	NSAM HOME	253318.	528416.	5.															
S2 NBAM FIELDS RD & SAM EIG					42	1	1												
1																			
1	NB FLD AL	AG254672.	527696.	254477.	527871.	600	2.7	0.	44.	30.									
2	NB FLD AL	AG254477.	527871.	254294.	527964.	600	2.7	0.	44.	30.									
3	NB FLD AL	AG254294.	527964.	254041.	528019.	600	2.7	0.	44.	30.									
4	NB FLD AL	AG254041.	528019.	253765.	528009.	600	2.7	0.	44.	30.									
10	NB FLD LT	AG253765.	528009.	253603.	527990.	75	2.7	0.	44.	30.									
11	NB FLD LT	AG253603.	527990.	253188.	527959.	75	2.7	0.	44.	30.									
11	NB FLD LT	AG253335.	527970.	253472.	527980.	0.	24.	2											
140	127	4.0	75	29.1	1717	3	3												
5	NB FLD RT	AG253765.	528009.	253589.	528001.	525	2.7	0.	44.	30.									
41	NB FLD RT	AG253390.	528128.	253376.	528046.	525	2.7	0.	44.	30.									
41	NB FLD RT	AG253376.	528046.	253410.	527999.	525	2.7	0.	44.	30.									
27	NB FLD RT	AG253380.	528040.	253406.	528005.	0.	24.	2											
140	85	4.0	525	29.1	1394	3	3												
41	NB FLD RT	AG253410.	527999.	253589.	528003.	525	2.7	0.	44	30.									
28	EB SSAMall	AG252907.	527360.	253050.	527639.	3075	3.4	0.	56	30.									
13	EB SAMall	AG252613.	526546.	252720.	526853.	3075	3.4	0.	32.	30.									
14	EB SAMall	AG252720.	526853.	252907.	527360.	3075	3.4	0.	44.	30.									
15	EB SAM T	AG253050.	527639.	253259.	527988.	2825	3.4	0.	56.	30.									
16	EB SAMT Q	AG253205.	527898.	253142.	527793.	0.	36.	3											
140	50	4.0	2825	29.1	1695	3	3												
1																			

				S2NB30AM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	1050	3.4	0.	32	30.
36	1	WB SAM dp	AG252725.527063.252549.526575.	1050	3.4	0.	32	30.
37	1	SB FIELDS	AG253254.527933.253631.527952.	1125	3.4	0.	56	30.
38	1	SB FIELDS	AG253631.527952.254070.527979.	1125	3.4	0.	56	30.
39	1	SB FIELDS	AG254070.527979.254260.527944.	1125	3.4	0.	56	30.
40	1	SB FIELDS	AG254260.527944.254431.527859.	1125	3.4	0.	56	30.
41	1	SB FIELDS	AG254431.527859.254671.527651.	1125	3.4	0.	56	30.
1.0	04	1000	0Y 5 0 72					

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:18.53

RUN: S2 NBAM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	600.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	600.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	600.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	600.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	75.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	75.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253360.6	527971.9	*	26.	86. AG	142. 100.0	.0	24.0	.44	1.3
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	525.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	525.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	525.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253452.6	527942.3	*	122.	143. AG	95. 100.0	.0	24.0	.54	6.2
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	525.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	3075.	3.4	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	3075.	3.4	.0	44.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	3075.	3.4	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2825.	3.4	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253046.5	527633.9	*	308.	211. AG	84. 100.0	.0	36.0	.93	15.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	250.	3.4	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	57. 100.0	.0	12.0	.00	.0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	250.	3.4	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3450.	3.4	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3450.	3.4	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3450.	3.4	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1750.	3.4	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1750.	3.4	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	975.	3.4	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	975.	3.4	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253269.6	528120.7	*	64.	37. AG	100. 100.0	.0	48.0	.24	3.2
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	875.	3.4	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253512.0	528344.3	*	384.	41. AG	110. 100.0	.0	24.0	1.01	19.5
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	875.	3.4	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	875.	3.4	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	875.	3.4	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1050.	3.4	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1050.	3.4	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1050.	3.4	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1050.	3.4	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1125.	3.4	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1125.	3.4	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1125.	3.4	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1125.	3.4	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1125.	3.4	.0	56.0	

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:18.53

RUN: S2 NBAM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 140	127	4.0	75	1717	29.10	3	3
11. 27	NB FLD RT	* 140	85	4.0	525	1394	29.10	3	3
17. 16	EB SAMT Q	* 140	50	4.0	2825	1695	29.10	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	29.10	3	3
28. 27	WB SAM T Q	* 150	48	4.0	975	1602	29.10	3	3
30. 31	WB SAM L Q	* 150	106	4.0	875	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2NB30AM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.4	.4	.4
5.	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.4	.5	.3
10.	.1	.1	.1	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	.5	.5	.2
15.	.0	.1	.1	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.4	.2
20.	.0	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.3	.2
25.	.0	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.1	.4	.0	.4	.5	.3	.2
30.	.0	.1	.1	.3	.4	.6	.3	.0	.0	.0	.0	.0	.0	.1	.3	.0	.4	.4	.3	.2
35.	.0	.1	.1	.3	.4	.6	.4	.0	.0	.0	.0	.1	.1	.1	.3	.0	.4	.4	.3	.2
40.	.0	.0	.1	.3	.4	.6	.3	.0	.0	.0	.0	.2	.3	.3	.2	.0	.3	.3	.3	.2
45.	.0	.0	.1	.2	.3	.6	.3	.0	.0	.0	.2	.4	.4	.4	.0	.0	.2	.3	.3	.1
50.	.0	.0	.0	.2	.3	.5	.2	.0	.1	.3	.3	.4	.5	.4	.0	.0	.2	.3	.2	.1
55.	.0	.0	.0	.1	.2	.4	.2	.0	.2	.4	.3	.5	.5	.4	.0	.0	.1	.3	.3	.1
60.	.0	.0	.0	.1	.3	.0	.1	.3	.4	.5	.7	.4	.3	.0	.0	.0	.1	.2	.3	.1
65.	.0	.0	.0	.0	.1	.2	.0	.2	.3	.4	.6	.6	.4	.3	.0	.0	.1	.1	.3	.1
70.	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.6	.6	.4	.3	.0	.0	.0	.1	.2	.1
75.	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.6	.5	.3	.3	.0	.0	.0	.1	.2	.2
80.	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.7	.4	.3	.3	.0	.0	.0	.1	.1	.2
85.	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.7	.2	.3	.3	.0	.0	.0	.1	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.6	.2	.3	.3	.0	.0	.0	.0	.1	.1
95.	.0	.0	.1	.0	.0	.0	.0	.2	.3	.3	.5	.1	.3	.3	.0	.0	.0	.0	.1	.1
100.	.1	.1	.1	.0	.0	.0	.0	.2	.3	.4	.5	.4	.2	.3	.0	.0	.0	.0	.0	.0
105.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.4	.5	.4	.2	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.4	.5	.3	.2	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
125.	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.2	.1	.2	.1	.0	.0	.0	.3	.4	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.1	.1	.0	.0	.0	.3	.4	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.1	.2	.0	.0	.0	.3	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.2	.0	.0	.0	.3	.3	.4	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0
150.	.1	.0	.1	.2	.0	.0	.0	.3	.3	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
155.	.1	.0	.1	.3	.0	.0	.0	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
160.	.1	.0	.1	.3	.0	.0	.0	.3	.3	.4	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
165.	.1	.0	.1	.3	.0	.0	.0	.3	.3	.5	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
170.	.1	.0	.1	.4	.0	.0	.0	.3	.3	.6	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.4	.0	.0	.0	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.4	.0	.0	.0	.3	.5	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.4	.0	.0	.0	.3	.5	.3	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0
190.	.1	.1	.1	.4	.1	.0	.0	.4	.5	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.3	.1	.0	.0	.3	.3	.4	.3	.4	.3	.4	.1	.0	.0	.0	.0	.0
200.	.1	.1	.1	.3	.1	.0	.0	.2	.3	.4	.3	.3	.2	.4	.2	.0	.0	.0	.0	.0
205.	.1	.1	.1	.4	.1	.1	.0	.3	.3	.2	.2	.1	.1	.2	.2	.0	.2	.0	.0	.0

1

PAGE 4

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.1	.4	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.3	.0	.4	.3	.0	.0
215.	.2	.1	.1	.4	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.4	.3	.0	.0
220.	.2	.1	.3	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.4	.0	.0
225.	.2	.1	.3	.4	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.1	.0
230.	.2	.1	.4	.4	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.2	.0
235.	.1	.1	.4	.3	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.0
240.	.1	.2	.4	.3	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.5	.2	.1
245.	.1	.2	.4	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.5	.2	.2
250.	.0	.4	.4	.3	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.2	.2
255.	.0	.2	.3	.2	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.2
260.	.0	.1	.3	.3	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.4	.2	.2
265.	.0	.2	.2	.4	.4	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.2	.2
270.	.0	.1	.2	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.3	.2	.2
275.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.2
280.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.3
285.	.0	.2	.2	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.3
290.	.1	.2	.2	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.3
295.	.1	.2	.2	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.3
300.	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.3	.3
305.	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.3	.3
310.	.1	.2	.3	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.2	.3
315.	.1	.2	.2	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.3	.5
320.	.1	.2	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.3	.5
325.	.1	.2	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.4	.6
330.	.1	.2	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.4	.6
335.	.1	.2	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.4	.6
340.	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.4	.5
345.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.2	.4	.6
350.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.3	.4	.5
355.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.3	.4	.4
360.	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.4	.4	.4
MAX DEGR.	.2	.4	.4	.5	.5	.7	.4	.4	.5	.6	.7	.7	.5	.4	.6	.0	.6	.5	.5	.6

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.2	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.0	.0	.0	.0	.0	.0
55.	.2	.0	.0	.1	.0	.2	.0	.0	.0
60.	.2	.0	.1	.1	.0	.2	.0	.0	.0
65.	.2	.0	.2	.2	.1	.2	.1	.0	.0
70.	.2	.1	.2	.2	.1	.2	.1	.0	.0
75.	.2	.1	.2	.2	.2	.3	.1	.1	.1
80.	.2	.1	.2	.2	.2	.3	.1	.1	.1
85.	.2	.1	.2	.2	.2	.2	.1	.1	.1
90.	.2	.1	.2	.2	.2	.1	.2	.1	.1
95.	.1	.2	.2	.3	.2	.1	.2	.1	.1
100.	.1	.2	.2	.3	.2	.1	.2	.1	.1
105.	.1	.2	.1	.2	.2	.1	.2	.1	.1
110.	.0	.2	.1	.3	.2	.1	.2	.1	.1
115.	.0	.2	.1	.3	.2	.1	.2	.2	.2
120.	.0	.2	.0	.3	.2	.1	.2	.2	.2
125.	.0	.2	.0	.3	.2	.1	.2	.2	.2
130.	.0	.2	.1	.3	.2	.1	.2	.2	.2
135.	.0	.1	.1	.2	.2	.1	.2	.2	.2
140.	.0	.2	.1	.2	.2	.2	.2	.2	.2
145.	.0	.2	.1	.1	.2	.2	.1	.2	.2
150.	.0	.2	.1	.1	.2	.2	.2	.2	.2
155.	.0	.2	.1	.1	.2	.2	.2	.2	.2
160.	.0	.1	.2	.1	.3	.2	.2	.2	.2
165.	.0	.1	.2	.1	.2	.2	.2	.1	.1
170.	.0	.0	.2	.1	.3	.2	.2	.2	.2
175.	.0	.1	.1	.2	.1	.1	.2	.2	.2
180.	.0	.1	.0	.2	.1	.1	.2	.2	.2
185.	.0	.1	.0	.2	.1	.1	.1	.2	.2
190.	.0	.1	.0	.1	.1	.0	.1	.0	.0
195.	.0	.0	.0	.0	.1	.0	.1	.1	.1
200.	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 NBAM FIELDS/SAMEIG

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.3	.0	.0	.0	.0	.0	.0	.0	.0
295.	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.2	.3	.3	.3	.2	.2	.2
DEGR.	285	95	65	95	160	75	90	115	

THE HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC6 .

S2NB30AM.OUT
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 60 DEGREES FROM REC12.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 80 DEGREES FROM REC11.

1

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:18.53

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 110	REC2 250	REC3 230	REC4 220	REC5 10	REC6 240	REC7 0	REC8 190	REC9 180	REC10 170	REC11 80	REC12 60	REC13 50	REC14 45	REC15 5	REC16 0	REC17 10	REC18 10	REC19 5	REC20 325
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
12	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.3	.1	.0	.0
17	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.1	.1
22	.0	.0	.0	.0	.4	.5	.3	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 NBAM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:18.53

RUN: S2 NBAM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 285	REC22 95	REC23 65	REC24 95	REC25 160	REC26 75	REC27 90	REC28 115
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.1	.0	.0	.1	.1	.1	.0	.0
22	.0	.1	.1	.1	.0	.1	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.1	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.1	.1	.1	.1	.1	.1	.1
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2NB30AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

				S2NB30PM.DAT				
S2 NB30PM FIELDS/SAMEIG				60.0175.0.0000.000280.30480000				11 1
REC 1	400'	SE CORNER	253838.	528042.	5.			
REC 2	164'	SE CORNER	253603.	528031.	5.			
REC 3	82'	SE CORNER	253523.	528027.	5.			
REC 4		SE CORNER	253404.	528057.	5.			
REC 5	82'	ES CORNER	253476.	528142.	5.			
REC 6	164'	ES CORNER	253567.	528237.	5.			
REC 7	400'	ES CORNER	253740.	528343.	5.			
REC 8	400'	NE CORNER	253439.	528414.	5.			
1253436.			253282.	528239.	5.			
REC 10	82'	NE CORNER	253237.	528173.	5.			
REC 11			253190.	528101.	5.			
REC 12	82'	NW CORNER	253134.	528014.	5.			
1253137.			253095.	527946.	5.			
REC 14	400'	NW CORNE	252983.	527749.	5.			
REC 15	400'	WS CORNE	253049.	527545.	5.			
1253052.			527544.	527753.	5.			
REC 17	82'	WS CORNER	253210.	527818.	5.			
REC 18		SW CORNER	253261.	527880.	5.			
REC 19	82'	SW CORNER	253380.	527908.	5.			
REC 20	164'	SW CORNE	253464.	527912.	5.			
REC 21	400'	SW CORNE	253701.	527932.	5.			
REC 22		NSAM HOME	253186.	528339.	5.			
REC 23		NSAM HOME	253042.	528120.	5.			
REC 24		NSAM HOME	253147.	528166.	5.			
REC 25		NSAM HOME	253206.	528257.	5.			
REC 26		NSAM HOME	253029.	528034.	5.			
REC 27		NSAM HOME	253257.	528332.	5.			
REC 28		NSAM HOME	253318.	528416.	5.			
S2 NBPM FIELDS RD & SAM EIG						42 1 1		
1								
1	NB	FLD AL	AG254672.527696.254477.527871.	1575 2.7 0. 44.	30.			
2								
1	NB	FLD AL	AG254477.527871.254294.527964.	1575 2.7 0. 44.	30.			
3								
1	NB	FLD AL	AG254294.527964.254041.528019.	1575 2.7 0. 44.	30.			
4								
1	NB	FLD AL	AG254041.528019.253765.528009.	1575 2.7 0. 44.	30.			
10								
1	NB	FLD LT	AG253765.528009.253603.527990.	550 2.7 0. 44.	30.			
11								
2	NB	FLD LT	AG253603.527990.253188.527959.	550 2.7 0. 44.	30.			
11								
100	NB	FLD LT	AG253335.527970.253472.527980. 76 4.0 550 29.1 1717 3 3	0. 24. 2				
5								
1	NB	FLD RT	AG253765.528009.253589.528001.	1025 2.7 0. 44.	30.			
41								
1	NB	FLD RT	AG253390.528128.253376.528046.	1025 2.7 0. 44.	30.			
41								
2	NB	FLD RT	AG253376.528046.253410.527999.	1025 2.7 0. 44.	30.			
27								
100	NB	FLD RT	AG253380.528040.253406.528005. 47 4.0 1025 29.1 1394 3 3	0. 24. 2				
41								
1	NB	FLD RT	AG253410.527999.253589.528003.	1025 2.7 0. 44	30.			
28								
1	EB	SSAMall	AG252907.527360.253050.527639.	1025 3.4 0. 56	30.			
13								
1	EB	SAMall	AG252613.526546.252720.526853.	1025 3.4 0. 32.	30.			
14								
1	EB	SAMall	AG252720.526853.252907.527360.	1025 3.4 0. 44.	30.			
15								
2	EB	SAM T	AG253050.527639.253259.527988.	825 3.4 0. 56.	30.			
16								
100	EB	SAMT Q	AG253205.527898.253142.527793. 48 4.0 825 29.1 1695 3 3	0. 36. 3				
17								
2	EB	SAM RT	AG253066.527621.253149.527767.	200 3.4 0. 32.	30.			
18								
100	EB	SAMRT Q	AG253231.527896.253160.527784. 73 4.0 1 29.1 1583 3 3	0. 12. 1				
19								
1	EB	SAM RT	AG253149.527767.253254.527933.	200 3.4 0. 32.	30.			
21								
1	EB	SAM dp	AG253259.527988.253396.528136.	1850 3.4 0. 56.	30.			
22								
1	EB	SAM dp	AG253396.528136.253994.528622.	1850 3.4 0. 56.	30.			
23								
1	EB	SAM dp	AG253994.528622.254328.528881.	1850 3.4 0. 56.	30.			
24								
1	WB	SAMall	AG254243.528968.254032.528794.	3325 3.4 0. 32.	30.			
25								
1	WB	SAMall	AG254032.528794.253686.528514.	3325 3.4 0. 44.	30.			
26								
1	WB	SAM T	AG253686.528514.253371.528252.	2725 3.4 0. 68	30.			
27								
2	WB	SAM T	AG253371.528252.253183.528008.	2725 3.4 0. 68	30.			
27								
100	WB	SAM T	QAG253231.528070.253317.528183. 48 4.0 2725 29.1 1602 3 3	0. 48. 4				
30								
2	WB	SAM LT	AG253521.528328.253394.528209.	600 3.4 0. 44	30.			
31								
100	WB	SAM L	QAG253261.528053.253342.528147. 69 4.0 600 29.1 1717 3 3	0. 24. 2				
41								
1	WB	SAM LT	AG253523.528327.253630.528424.	600 3.4 0. 44	30.			
41								
1	WB	SAM LT	AG253631.528424.253711.528534.	600 3.4 0. 44	30.			
31								
1	WB	SAM LT	AG253394.528209.253218.528002.	600 3.4 0. 44	30.			
33								
1	WB	SAM dp	AG253183.528008.252970.527645.	3275 3.4 0. 68	30.			
34								
1	WB	SAM dp	AG252970.527645.252860.527425.	3275 3.4 0. 68	30.			

				S2NB30PM.DAT				
1								
35	WB	SAM	dp	AG252860.527425.252725.527063.	3275	3.4	0.	32 30.
1								
36	WB	SAM	dp	AG252725.527063.252549.526575.	3275	3.4	0.	32 30.
1								
37	SB	FIELDS		AG253254.527933.253631.527952.	800	3.4	0.	56 30.
1								
38	SB	FIELDS		AG253631.527952.254070.527979.	800	3.4	0.	56 30.
1								
39	SB	FIELDS		AG254070.527979.254260.527944.	800	3.4	0.	56 30.
1								
40	SB	FIELDS		AG254260.527944.254431.527859.	800	3.4	0.	56 30.
1								
41	SB	FIELDS		AG254431.527859.254671.527651.	800	3.4	0.	56 30.
1.0	04	1000	0Y	5 0 72				

JOB: S2 NB30PM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:44.57

RUN: S2 NBPM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1575.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1575.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1575.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1575.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	550.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	550.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253481.5	527980.7	*	147.	86. AG	119. 100.0	.0	24.0	.89	7.5
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	1025.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	1025.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	1025.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253459.5	527932.9	*	133.	143. AG	73. 100.0	.0	24.0	.78	6.8
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	1025.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	1025.	3.4	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1025.	3.4	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1025.	3.4	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	825.	3.4	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253167.9	527836.1	*	72.	211. AG	112. 100.0	.0	36.0	.35	3.7
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	200.	3.4	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.8	527895.7	*	0.	211. AG	57. 100.0	.0	12.0	.00	.0
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	200.	3.4	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1850.	3.4	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1850.	3.4	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1850.	3.4	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3325.	3.4	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3325.	3.4	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2725.	3.4	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2725.	3.4	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253371.7	528255.0	*	232.	37. AG	150. 100.0	.0	48.0	.93	11.8
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	600.	3.4	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253334.9	528138.7	*	113.	41. AG	108. 100.0	.0	24.0	.70	5.8
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	600.	3.4	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	600.	3.4	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	600.	3.4	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3275.	3.4	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3275.	3.4	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3275.	3.4	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3275.	3.4	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	800.	3.4	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	800.	3.4	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	800.	3.4	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	800.	3.4	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	800.	3.4	.0	56.0	

JOB: S2 NB30PM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:44.57

RUN: S2 NBPM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 100	76	4.0	550	1717	29.10	3	3
11. 27	NB FLD RT	* 100	47	4.0	1025	1394	29.10	3	3
17. 16	EB SAMT Q	* 100	48	4.0	825	1695	29.10	3	3
19. 18	EB SAMRT Q	* 100	73	4.0	1	1583	29.10	3	3
28. 27	WB SAM T Q	* 100	48	4.0	2725	1602	29.10	3	3
30. 31	WB SAM L Q	* 100	69	4.0	600	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. REC 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2NB30PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 NB30PM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.6	.5
5.	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.5	.5
10.	.0	.1	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.5	.5	.5
15.	.0	.1	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.1	.2	.0	.3	.5	.6	.4	.4
20.	.0	.2	.1	.2	.3	.5	.3	.0	.0	.0	.0	.0	.1	.2	.0	.4	.5	.6	.3	.3
25.	.0	.2	.1	.2	.3	.5	.3	.0	.0	.0	.2	.3	.2	.2	.0	.3	.4	.6	.2	.2
30.	.0	.0	.1	.3	.4	.4	.3	.0	.0	.1	.2	.3	.4	.0	.0	.1	.4	.5	.2	.2
35.	.0	.0	.1	.3	.3	.4	.3	.0	.0	.1	.3	.3	.5	.0	.0	.1	.4	.5	.1	.1
40.	.0	.0	.0	.1	.3	.4	.1	.0	.1	.2	.3	.5	.6	.6	.0	.2	.3	.5	.1	.1
45.	.0	.0	.0	.1	.2	.4	.1	.0	.1	.3	.5	.6	.7	.6	.0	.1	.3	.4	.1	.1
50.	.0	.0	.0	.1	.1	.3	.1	.1	.3	.3	.6	.8	.8	.4	.0	.1	.2	.3	.1	.1
55.	.0	.0	.0	.1	.1	.2	.0	.1	.3	.5	.8	.8	.9	.4	.0	.1	.2	.3	.1	.1
60.	.0	.0	.0	.0	.1	.1	.0	.2	.3	.6	.9	.7	.7	.4	.0	.1	.2	.3	.1	.1
65.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.9	.9	.5	.4	.0	.0	.2	.3	.1	.1
70.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.9	.6	.5	.4	.0	.0	.2	.2	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.7	.9	.6	.3	.4	.0	.0	.2	.1	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.9	.4	.4	.3	.0	.0	.1	.1	.1	.1
85.	.1	.0	.0	.0	.0	.0	.0	.3	.5	.6	.9	.4	.4	.3	.0	.0	.0	.1	.1	.1
90.	.1	.1	.0	.0	.0	.0	.0	.3	.6	.6	.8	.5	.4	.3	.0	.0	.0	.1	.1	.1
95.	.1	.2	.2	.0	.0	.0	.0	.3	.7	.6	.7	.4	.3	.3	.0	.0	.0	.0	.0	.0
100.	.1	.1	.2	.0	.0	.0	.0	.3	.6	.5	.7	.4	.3	.3	.0	.0	.0	.0	.0	.0
105.	.2	.2	.2	.0	.0	.0	.0	.3	.6	.6	.7	.4	.3	.3	.0	.0	.0	.0	.0	.0
110.	.2	.2	.1	.0	.0	.0	.0	.3	.6	.7	.8	.3	.4	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.1	.1	.0	.0	.0	.3	.6	.7	.8	.3	.4	.3	.0	.0	.0	.0	.0	.0
120.	.3	.2	.1	.1	.0	.0	.0	.3	.6	.7	.7	.3	.4	.3	.0	.0	.0	.0	.0	.0
125.	.3	.2	.1	.1	.0	.0	.0	.3	.5	.7	.7	.3	.4	.3	.0	.0	.0	.0	.0	.0
130.	.2	.1	.1	.2	.0	.0	.0	.3	.5	.7	.5	.3	.4	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.1	.2	.0	.0	.0	.3	.5	.8	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0
140.	.2	.1	.1	.2	.0	.0	.0	.3	.6	.8	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0
145.	.2	.1	.1	.3	.0	.0	.0	.3	.6	.8	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0
150.	.2	.1	.1	.3	.0	.0	.0	.3	.7	.8	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
155.	.1	.1	.1	.2	.0	.0	.0	.3	.8	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
160.	.1	.1	.1	.3	.0	.0	.0	.3	.7	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
165.	.1	.1	.1	.5	.0	.0	.0	.3	.7	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
170.	.1	.1	.1	.5	.0	.0	.0	.3	.7	.6	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.5	.0	.0	.0	.3	.7	.5	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.5	.1	.0	.0	.3	.7	.4	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.5	.1	.0	.0	.2	.6	.5	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
190.	.1	.1	.1	.5	.1	.0	.0	.3	.7	.4	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.4	.2	.0	.0	.3	.5	.4	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0
200.	.2	.1	.1	.4	.2	.0	.0	.3	.5	.5	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0
205.	.2	.0	.1	.4	.2	.0	.0	.4	.4	.3	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0

1

PAGE 4

JOB: S2 NB30PM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.0	.2	.4	.2	.1	.0	.5	.3	.2	.3	.2	.3	.3	.2	.0	.0	.0	.0	.0
215.	.2	.1	.2	.4	.1	.1	.0	.4	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
220.	.2	.2	.4	.4	.1	.1	.0	.2	.1	.1	.1	.1	.1	.2	.2	.0	.2	.1	.0	.0
225.	.2	.2	.4	.4	.2	.2	.0	.2	.0	.0	.1	.1	.1	.0	.2	.0	.3	.3	.0	.0
230.	.2	.2	.5	.3	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.0	.0
235.	.1	.2	.6	.4	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.1	.0
240.	.1	.3	.5	.4	.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.1	.0
245.	.1	.3	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.1
250.	.1	.3	.5	.3	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.5	.1	.1
255.	.2	.3	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
260.	.1	.3	.4	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.5	.2	.1
265.	.0	.2	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.1	.2
270.	.0	.2	.4	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.2	.2
275.	.0	.1	.2	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.2	.2
280.	.0	.2	.3	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.2	.2
285.	.0	.2	.4	.5	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.2	.2
290.	.0	.2	.4	.5	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.2	.2
295.	.0	.2	.3	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.2	.2
300.	.0	.2	.3	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.2	.4
305.	.0	.1	.2	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.2	.2	.7
310.	.0	.1	.2	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.2	.3	.7
315.	.0	.1	.2	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.8
320.	.0	.1	.3	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.8
325.	.0	.2	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.5	.9
330.	.0	.2	.1	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.6	.8
335.	.0	.2	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.6	.8
340.	.0	.2	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.7	.7
345.	.0	.2	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.7	.6
350.	.0	.2	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.3	.6	.5
355.	.0	.2	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.6	.6
360.	.0	.2	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.6	.5
MAX	.3	.3	.6	.6	.6	.5	.4	.5	.8	.8	.9	.9	.9	.6	.3	.0	.5	.5	.7	.9
DEGR.	120	240	235	295	270	20	245	210	155	135	70	65	55	40	0	0	0	10	340	325

JOB: S2 NB30PM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.1	.3	.0	.0	.0
55.	.2	.0	.1	.1	.1	.3	.2	.1	.1
60.	.2	.0	.1	.2	.1	.3	.2	.1	.1
65.	.2	.1	.2	.4	.1	.3	.2	.1	.1
70.	.2	.1	.4	.4	.2	.3	.1	.1	.1
75.	.2	.1	.3	.4	.2	.2	.1	.2	.1
80.	.1	.1	.2	.4	.2	.2	.2	.1	.1
85.	.1	.1	.2	.4	.3	.2	.2	.1	.1
90.	.1	.1	.2	.3	.4	.1	.2	.2	.2
95.	.1	.1	.2	.3	.4	.2	.2	.2	.2
100.	.1	.1	.2	.4	.3	.2	.2	.2	.2
105.	.0	.1	.2	.4	.4	.1	.2	.1	.1
110.	.0	.2	.1	.4	.3	.1	.2	.1	.1
115.	.0	.1	.1	.5	.3	.1	.2	.1	.1
120.	.0	.2	.1	.5	.3	.1	.3	.1	.1
125.	.0	.2	.1	.5	.3	.1	.3	.1	.1
130.	.0	.2	.1	.4	.3	.1	.2	.1	.1
135.	.0	.2	.1	.2	.3	.1	.2	.1	.1
140.	.0	.2	.1	.2	.4	.1	.2	.1	.1
145.	.0	.2	.1	.2	.5	.1	.3	.1	.1
150.	.0	.2	.1	.1	.5	.1	.3	.1	.1
155.	.0	.2	.1	.1	.4	.1	.3	.2	.2
160.	.0	.2	.1	.2	.4	.1	.3	.3	.3
165.	.0	.2	.1	.2	.2	.1	.3	.2	.2
170.	.0	.2	.1	.2	.2	.1	.4	.2	.2
175.	.0	.2	.1	.1	.2	.1	.3	.2	.2
180.	.0	.2	.1	.1	.3	.1	.2	.3	.3
185.	.0	.1	.1	.2	.2	.1	.2	.2	.2
190.	.0	.1	.1	.2	.2	.2	.3	.2	.2
195.	.0	.1	.0	.1	.1	.2	.3	.3	.3
200.	.0	.1	.0	.1	.1	.0	.1	.3	.3
205.	.0	.0	.0	.1	.1	.0	.1	.1	.1

JOB: S2 NB30PM FIELDS/SAMEIG

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.1	.0	.1	.1	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.4	.5	.5	.3	.4	.3	
DEGR.	275	110	70	115	145	55	170	160	

THE HIGHEST CONCENTRATION IS .90 PPM AT 325 DEGREES FROM REC20.

THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 70 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 65 DEGREES FROM REC12.

S2NB30PM.OUT

1

JOB: S2 NB30PM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:44.57

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 120	REC2 240	REC3 235	REC4 295	REC5 270	REC6 20	REC7 245	REC8 210	REC9 155	REC10 135	REC11 70	REC12 65	REC13 55	REC14 40	REC15 0	REC16 0	REC17 0	REC18 10	REC19 340	REC20 325
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.1	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1
22 *	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.1	.1	.0	.1	.1	.2	.2	.3	.3	.2	.1	.0	.0	.1	.1	.1	.1
28 *	.0	.0	.0	.2	.2	.0	.1	.2	.3	.3	.4	.2	.1	.1	.0	.0	.1	.1	.1	.1
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1	.3	.4	.2	.0	.1	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 NB30PM FIELDS/SAMEIG
DATE: 12/18/2006 TIME: 11:15:44.57

RUN: S2 NBPM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 275	REC22 110	REC23 70	REC24 115	REC25 145	REC26 55	REC27 170	REC28 160
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.1	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.1	.0	.0	.0
22 *	.0	.0	.1	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.1	.1	.0	.0	.1	.0	.1
27 *	.0	.0	.1	.1	.1	.1	.1	.1
28 *	.0	.1	.1	.2	.2	.1	.2	.1
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.1	.1	.0	.1	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2NB30PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

										S2B130AM.DAT													
S2	B1AM30	FIELDS/SAMEIG										60.0175.0.0000.000280.30480000										11	1
REC 1	400'	SE	CORNER	253838.	528042.	5.																	
REC 2	164'	SE	CORNER	253603.	528031.	5.																	
REC 3	82'	SE	CORNER	253523.	528027.	5.																	
REC 4	SE	CORNER	253404.	528057.	5.																		
REC 5	82'	ES	CORNER	253476.	528142.	5.																	
REC 6	164'	ES	CORNER	253567.	528237.	5.																	
REC 7	400'	ES	CORNER	253740.	528343.	5.																	
REC 8	400'	NE	CORNER	253439.	528414.	5.																	
1253	436.			253282.	528239.	5.																	
REC 10	82'	NE	CORNER	253237.	528173.	5.																	
REC 11				253190.	528101.	5.																	
REC 12	82'	NW	CORNER	253134.	528014.	5.																	
1253	137.			253095.	527946.	5.																	
REC 14	400'	NW	CORNE	252983.	527749.	5.																	
REC 15	400'	WS	CORNE	253049.	527545.	5.																	
1253	052.			527544.	527753.	5.																	
REC 17	82'	WS	CORNER	253210.	527818.	5.																	
REC 18	SW	CORNER	253261.	527880.	5.																		
REC 19	82'	SW	CORNER	253380.	527908.	5.																	
REC 20	164'	SW	CORNE	253464.	527912.	5.																	
REC 21	400'	SW	CORNE	253701.	527932.	5.																	
REC 22	NSAM	HOME	253186.	528339.	5.																		
REC 23	NSAM	HOME	253042.	528120.	5.																		
REC 24	NSAM	HOME	253147.	528166.	5.																		
REC 25	NSAM	HOME	253206.	528257.	5.																		
REC 26	NSAM	HOME	253029.	528034.	5.																		
REC 27	NSAM	HOME	253257.	528332.	5.																		
REC 28	NSAM	HOME	253318.	528416.	5.																		
S2	B1AM	FIELDS RD & SAM EIG										42 1 1											
1		NB	FLD	AL	AG254672.	527696.	254477.	527871.		650	2.7	0.	44.	30.									
2		NB	FLD	AL	AG254477.	527871.	254294.	527964.		650	2.7	0.	44.	30.									
3		NB	FLD	AL	AG254294.	527964.	254041.	528019.		650	2.7	0.	44.	30.									
4		NB	FLD	AL	AG254041.	528019.	253765.	528009.		650	2.7	0.	44.	30.									
10		NB	FLD	LT	AG253765.	528009.	253603.	527990.		125	2.7	0.	44.	30.									
11		NB	FLD	LT	AG253603.	527990.	253188.	527959.		125	2.7	0.	44.	30.									
11		NB	FLD	LT	AG253335.	527970.	253472.	527980.		0.	24.	2											
	150			136	4.0	125	29.1	1717	3 3														
5		NB	FLD	RT	AG253765.	528009.	253589.	528001.		525	2.7	0.	44.	30.									
41		NB	FLD	RT	AG253390.	528128.	253376.	528046.		525	2.7	0.	44.	30.									
41		NB	FLD	RT	AG253376.	528046.	253410.	527999.		525	2.7	0.	44.	30.									
27		NB	FLD	RT	AG253380.	528040.	253406.	528005.		0.	24.	2											
	150			91	4.0	525	29.1	1394	3 3														
41		NB	FLD	RT	AG253410.	527999.	253589.	528003.		525	2.7	0.	44	30.									
28		EB	SSAMa	llAG252907.	527360.	253050.	527639.		3050	3.4	0.	56	30.										
13		EB	SAMa	llAG252613.	526546.	252720.	526853.		3050	3.4	0.	32.	30.										
14		EB	SAMa	llAG252720.	526853.	252907.	527360.		3050	3.4	0.	44.	30.										
15		EB	SAM	TAG253050.	527639.	253259.	52																

				S2B130AM.DAT				
1								
35		WB SAM dp	AG252860.527425.252725.527063.	1025	3.4	0.	32	30.
1								
36		WB SAM dp	AG252725.527063.252549.526575.	1025	3.4	0.	32	30.
1								
37		SB FIELDS	AG253254.527933.253631.527952.	1075	3.4	0.	56	30.
1								
38		SB FIELDS	AG253631.527952.254070.527979.	1075	3.4	0.	56	30.
1								
39		SB FIELDS	AG254070.527979.254260.527944.	1075	3.4	0.	56	30.
1								
40		SB FIELDS	AG254260.527944.254431.527859.	1075	3.4	0.	56	30.
1								
41		SB FIELDS	AG254431.527859.254671.527651.	1075	3.4	0.	56	30.
1.0	04	1000	0Y 5 0 72					

JOB: S2 B1AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:31:26.98

RUN: S2 B1AM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	650.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	650.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	650.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	650.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	125.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	125.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253385.3	527973.7	*	50.	86. AG	142. 100.0	.0	24.0	.68	2.6
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	525.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	525.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	525.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253457.7	527935.3	*	130.	143. AG	95. 100.0	.0	24.0	.53	6.6
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	525.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	3050.	3.4	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	3050.	3.4	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	3050.	3.4	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2875.	3.4	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253016.3	527583.6	*	367.	211. AG	86. 100.0	.0	36.0	.95	18.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	175.	3.4	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.0	527894.4	*	2.	212. AG	1. 100.0	.0	12.0	.12	.1
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	175.	3.4	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3400.	3.4	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3400.	3.4	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3400.	3.4	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1800.	3.4	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1800.	3.4	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	900.	3.4	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	900.	3.4	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253272.0	528123.9	*	68.	37. AG	114. 100.0	.0	48.0	.24	3.4
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	900.	3.4	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253472.2	528298.0	*	323.	41. AG	107. 100.0	.0	24.0	.96	16.4
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	900.	3.4	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	900.	3.4	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	900.	3.4	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1025.	3.4	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1025.	3.4	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1025.	3.4	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1025.	3.4	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1075.	3.4	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1075.	3.4	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1075.	3.4	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1075.	3.4	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1075.	3.4	.0	56.0	

JOB: S2 B1AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:31:26.98

RUN: S2 B1AM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 150	136	4.0	125	1717	29.10	3	3
11. 27	NB FLD RT	* 150	91	4.0	525	1394	29.10	3	3
17. 16	EB SAMT Q	* 150	55	4.0	2875	1695	29.10	3	3
19. 18	EB SAMRT Q	* 150	2	4.0	175	1583	29.10	3	3
28. 27	WB SAM T Q	* 150	55	4.0	900	1602	29.10	3	3
30. 31	WB SAM L Q	* 150	103	4.0	900	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 5.0 * S2B130AM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

PAGE 3

JOB: S2 B1AM30 FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.4	.5	.3
5.	*	.1	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.7	.0	.4	.4	.6	.3	
10.	*	.1	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.6	.0	.6	.5	.6	.3	
15.	*	.0	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.4	.2	
20.	*	.0	.1	.1	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.5	.0	.4	.5	.3	.2	
25.	*	.0	.1	.1	.3	.4	.5	.4	.0	.0	.0	.0	.0	.1	.5	.0	.4	.5	.3	.2	
30.	*	.0	.1	.1	.3	.4	.6	.3	.0	.0	.0	.0	.0	.1	.3	.0	.4	.4	.3	.2	
35.	*	.0	.1	.1	.3	.4	.6	.4	.0	.0	.0	.0	.1	.0	.1	.3	.0	.3	.4	.3	
40.	*	.0	.0	.1	.3	.4	.6	.3	.0	.0	.0	.0	.3	.3	.2	.2	.0	.2	.4	.3	
45.	*	.0	.0	.1	.2	.3	.6	.3	.0	.0	.0	.1	.4	.4	.3	.0	.0	.2	.4	.3	
50.	*	.0	.0	.0	.2	.3	.5	.2	.0	.1	.1	.3	.4	.5	.3	.0	.0	.2	.4	.2	
55.	*	.0	.0	.0	.1	.2	.4	.2	.0	.2	.2	.4	.5	.5	.4	.0	.0	.1	.3	.2	
60.	*	.0	.0	.0	.1	.3	.0	.1	.2	.2	.3	.5	.6	.4	.3	.0	.0	.1	.3	.3	
65.	*	.0	.0	.0	.0	.1	.2	.0	.2	.2	.4	.5	.6	.4	.3	.0	.0	.0	.2	.3	
70.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.6	.6	.3	.3	.0	.0	.0	.1	.3	
75.	*	.0	.0	.0	.0	.0	.1	.0	.2	.3	.4	.7	.5	.3	.3	.0	.0	.0	.1	.3	
80.	*	.0	.0	.0	.0	.0	.1	.0	.2	.3	.4	.7	.4	.3	.3	.0	.0	.0	.1	.1	
85.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.8	.2	.2	.3	.0	.0	.0	.1	.1	
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.1	
95.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	.3	.5	.1	.3	.3	.0	.0	.0	.0	.1	
100.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.4	.5	.4	.2	.3	.0	.0	.0	.0	.0	
105.	*	.1	.2	.1	.0	.0	.0	.0	.2	.3	.4	.5	.4	.2	.3	.0	.0	.0	.0	.0	
110.	*	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.5	.3	.2	.3	.0	.0	.0	.0	.0	
115.	*	.2	.2	.1	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	
120.	*	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.5	.2	.3	.3	.0	.0	.0	.0	.0	
125.	*	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	
130.	*	.2	.1	.1	.0	.0	.0	.0	.2	.4	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0	
135.	*	.2	.1	.1	.1	.0	.0	.0	.2	.4	.5	.3	.2	.3	.3	.0	.0	.0	.0	.0	
140.	*	.2	.1	.1	.2	.0	.0	.0	.2	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	
145.	*	.2	.1	.1	.1	.0	.0	.0	.2	.3	.4	.3	.2	.3	.4	.0	.0	.0	.0	.0	
150.	*	.2	.0	.1	.1	.0	.0	.0	.2	.3	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	
155.	*	.2	.0	.1	.2	.0	.0	.0	.2	.3	.5	.3	.3	.3	.4	.0	.0	.0	.0	.0	
160.	*	.2	.0	.1	.2	.0	.0	.0	.2	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	
165.	*	.2	.0	.1	.3	.0	.0	.0	.3	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	
170.	*	.2	.0	.1	.4	.0	.0	.0	.3	.3	.6	.2	.3	.3	.3	.0	.0	.0	.0	.0	
175.	*	.2	.1	.1	.3	.0	.0	.0	.3	.4	.5	.3	.3	.3	.3	.0	.0	.0	.0	.0	
180.	*	.2	.1	.1	.3	.0	.0	.0	.3	.5	.5	.3	.3	.3	.2	.0	.0	.0	.0	.0	
185.	*	.2	.1	.1	.5	.0	.0	.0	.3	.5	.3	.4	.3	.4	.3	.0	.0	.0	.0	.0	
190.	*	.2	.1	.1	.5	.1	.0	.0	.4	.5	.4	.3	.4	.4	.4	.0	.0	.0	.0	.0	
195.	*	.1	.1	.1	.3	.1	.0	.0	.2	.4	.4	.3	.4	.4	.4	.1	.0	.0	.0	.0	
200.	*	.1	.1	.1	.3	.1	.0	.0	.2	.4	.5	.3	.4	.2	.4	.2	.0	.0	.0	.0	
205.	*	.2	.1	.1	.3	.1	.1	.0	.3	.2	.2	.2	.1	.1	.2	.2	.0	.3	.0	.0	

1

PAGE 4

JOB: S2 B1AM30 FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.1	.4	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.3	.0	.4	.3	.0	.0
215.	*	.2	.1	.2	.5	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.4	.3	.0	.0
220.	*	.2	.1	.3	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.4	.0	.0
225.	*	.2	.1	.3	.5	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.6	.5	.2	.0
230.	*	.2	.1	.4	.4	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.2	.0
235.	*	.2	.1	.5	.4	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.5	.2	.0
240.	*	.2	.2	.4	.3	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.5	.2	.2
245.	*	.1	.3	.4	.4	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.5	.2	.2
250.	*	.0	.4	.4	.3	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.5	.2	.2
255.	*	.0	.2	.4	.2	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.2	.2
260.	*	.0	.1	.3	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.6	.4	.2	.3
265.	*	.0	.2	.2	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.2
270.	*	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.2	.2
275.	*	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.3	.2	.2
280.	*	.0	.1	.1	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.3	.2	.2
285.	*	.0	.2	.2	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.3	.2	.4
290.	*	.1	.2	.2	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.3	.2	.4
295.	*	.1	.2	.2	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.3	.2	.3
300.	*	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.3	.4
305.	*	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.3	.4
310.	*	.1	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.2	.2	.5
315.	*	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.2	.3	.6
320.	*	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.2	.3	.6
325.	*	.1	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4	.2	.4	.6
330.	*	.1	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.2	.4	.6
335.	*	.1	.1	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.2	.5	.6
340.	*	.1	.1	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.2	.5	.6
345.	*	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.2	.5	.7
350.	*	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.7	.0	.5	.3	.5	.5
355.	*	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.7	.0	.4	.3	.6	.5
360.	*	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.4	.4	.5	.3
MAX DEGR.	*	.2	.4	.5	.5	.5	.7	.4	.4	.5	.6	.8	.6	.5	.4	.7	.0	.6	.5	.6	.7
		110	250	235	185	255	240	0	190	180	170	85	60	50	55	5	0	10	10	5	345

JOB: S2 B1AM30 FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.0	.0	.0	.0	.0	.0
55.	.2	.0	.0	.1	.0	.1	.0	.0	.0
60.	.2	.0	.1	.1	.0	.2	.0	.0	.0
65.	.2	.0	.1	.1	.1	.2	.0	.0	.0
70.	.2	.1	.2	.2	.1	.2	.1	.0	.0
75.	.2	.1	.2	.2	.1	.3	.1	.1	.1
80.	.2	.1	.2	.2	.1	.2	.1	.1	.1
85.	.2	.1	.2	.2	.2	.2	.1	.1	.1
90.	.2	.1	.2	.2	.2	.1	.1	.1	.1
95.	.1	.1	.3	.3	.2	.1	.1	.1	.1
100.	.1	.1	.2	.3	.2	.1	.1	.1	.1
105.	.1	.1	.1	.3	.2	.1	.2	.1	.1
110.	.0	.2	.1	.3	.2	.1	.2	.1	.1
115.	.0	.2	.1	.3	.2	.1	.2	.1	.1
120.	.0	.2	.0	.3	.2	.1	.2	.1	.1
125.	.0	.2	.0	.3	.2	.1	.2	.1	.1
130.	.0	.2	.1	.3	.2	.1	.2	.1	.1
135.	.0	.1	.1	.2	.2	.1	.2	.2	.2
140.	.0	.2	.1	.2	.2	.2	.2	.2	.2
145.	.0	.2	.1	.1	.2	.2	.1	.2	.2
150.	.0	.2	.1	.1	.2	.2	.2	.2	.2
155.	.0	.2	.2	.1	.3	.2	.2	.2	.2
160.	.0	.1	.2	.1	.3	.2	.2	.2	.2
165.	.0	.1	.2	.1	.2	.2	.2	.1	.1
170.	.0	.0	.2	.1	.3	.2	.2	.2	.2
175.	.0	.1	.2	.2	.2	.2	.2	.2	.2
180.	.0	.1	.0	.2	.1	.1	.1	.2	.2
185.	.0	.1	.0	.2	.1	.1	.1	.2	.2
190.	.0	.1	.0	.2	.1	.0	.1	.0	.0
195.	.0	.0	.0	.0	.1	.0	.1	.1	.1
200.	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 B1AM30 FIELDS/SAMEIG

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.3	.0	.0	.0	.0	.0	.0	.0	.0
290.	.3	.0	.0	.0	.0	.0	.0	.0	.0
295.	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.3	.3	.3	.3	.2	.2	.2
DEGR.	285	110	95	95	155	75	105	135	

THE HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC11.

THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 5 DEGREES FROM REC15.

S2B130AM.OUT

1

JOB: S2 B1AM30 FIELDS/SAMEIG
 DATE: 12/22/2006 TIME: 11:31:26.98

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 110	REC2 250	REC3 235	REC4 185	REC5 255	REC6 240	REC7 0	REC8 190	REC9 180	REC10 170	REC11 85	REC12 60	REC13 50	REC14 55	REC15 5	REC16 0	REC17 10	REC18 10	REC19 5	REC20 345
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
12	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.3	.1	.0	.0
17	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.1	.1
22	.0	.0	.0	.0	.2	.5	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1AM30 FIELDS/SAMEIG
 DATE: 12/22/2006 TIME: 11:31:26.98

RUN: S2 B1AM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 285	REC22 110	REC23 95	REC24 95	REC25 155	REC26 75	REC27 105	REC28 135
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.1	.0	.1	.1	.1	.1	.0	.0
22	.0	.1	.0	.1	.0	.1	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.1	.0	.1	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.1	.1	.1	.1	.1	.1	.1
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B130AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B130PM.DAT

S2 B1PM30 FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

```

REC 1 400' SE CORNER      253838.    528042.    5.
REC 2 164' SE CORNER      253603.    528031.    5.
REC 3 82' SE CORNER       253523.    528027.    5.
REC 4 SE CORNER           253404.    528057.    5.
REC 5 82' ES CORNER       253476.    528142.    5.
REC 6 164' ES CORNER      253567.    528237.    5.
REC 7 400' ES CORNER      253740.    528343.    5.
REC 8 400' NE CORNER      253439.    528414.    5.
1253436.    253282.    528239.    5.
REC 10 82' NE CORNER      253237.    528173.    5.
REC 11              253190.    528101.    5.
REC 12 82' NW CORNER      253134.    528014.    5.
1253137.    253095.    527946.    5.
REC 14 400' NW CORNE      252983.    527749.    5.
REC 15 400' WS CORNE      253049.    527545.    5.
1253052.    527544.    527753.    5.
REC 17 82' WS CORNER      253210.    527818.    5.
REC 18 SW CORNER          253261.    527880.    5.
REC 19 82' SW CORNER      253380.    527908.    5.
REC 20 164' SW CORNE      253464.    527912.    5.
REC 21 400' SW CORNE      253701.    527932.    5.
REC 22 NSAM HOME          253186.    528339.    5.
REC 23 NSAM HOME          253042.    528120.    5.
REC 24 NSAM HOME          253147.    528166.    5.
REC 25 NSAM HOME          253206.    528257.    5.
REC 26 NSAM HOME          253029.    528034.    5.
REC 27 NSAM HOME          253257.    528332.    5.
REC 28 NSAM HOME          253318.    528416.    5.
S2 B1PM FIELDS RD & SAM EIG      42 1 1
1
1 NB FLD AL AG254672.527696.254477.527871.    1525 2.7 0. 44.    30.
2
1 NB FLD AL AG254477.527871.254294.527964.    1525 2.7 0. 44.    30.
3
1 NB FLD AL AG254294.527964.254041.528019.    1525 2.7 0. 44.    30.
4
1 NB FLD AL AG254041.528019.253765.528009.    1525 2.7 0. 44.    30.
10
1 NB FLD LT AG253765.528009.253603.527990.    475 2.7 0. 44.    30.
11
2 NB FLD LT AG253603.527990.253188.527959.    475 2.7 0. 44.    30.
11
90 NB FLD LT AG253335.527970.253472.527980.    0. 24. 2
71 4.0 475 29.1 1717 3 3
5
1 NB FLD RT AG253765.528009.253589.528001.    1050 2.7 0. 44.    30.
41
1 NB FLD RT AG253390.528128.253376.528046.    1050 2.7 0. 44.    30.
41
1 NB FLD RT AG253376.528046.253410.527999.    1050 2.7 0. 44.    30.
27
90 NB FLD RT AG253380.528040.253406.528005.    0. 24. 2
42 4.0 1050 29.1 1394 3 3
41
1 NB FLD RT AG253410.527999.253589.528003.    1050 2.7 0. 44    30.
28
1 EB SSAMallAG252907.527360.253050.527639.    1000 2.9 0. 56    30.
13
1 EB SAMall AG252613.526546.252720.526853.    1000 2.9 0. 32.    30.
14
1 EB SAMall AG252720.526853.252907.527360.    1000 2.9 0. 44.    30.
15
2 EB SAM T AG253050.527639.253259.527988.    850 2.9 0. 56.    30.
16
90 EB SAMT Q AG253205.527898.253142.527793.    0. 36. 3
44 4.0 850 29.1 1695 3 3
17
2 EB SAM RT AG253066.527621.253149.527767.    150 2.9 0. 32.    30.
18
90 EB SAMRT QAG253231.527896.253160.527784.    0. 12. 1
2 4.0 150 29.1 1583 3 3
19
1 EB SAM RT AG253149.527767.253254.527933.    150 2.9 0. 32.    30.
21
1 EB SAM dp AG253259.527988.253396.528136.    1900 2.9 0. 56.    30.
22
1 EB SAM dp AG253396.528136.253994.528622.    1900 2.9 0. 56.    30.
23
1 EB SAM dp AG253994.528622.254328.528881.    1900 2.9 0. 56.    30.
24
1 WB SAMall AG254243.528968.254032.528794.    3300 2.9 0. 32.    30.
25
1 WB SAMall AG254032.528794.253686.528514.    3300 2.9 0. 44.    30.
26
1 WB SAM T AG253686.528514.253371.528252.    2700 2.9 0. 68    30.
27
2 WB SAM T AG253371.528252.253183.528008.    2700 2.9 0. 68    30.
27
90 WB SAM T QAG253231.528070.253317.528183.    0. 48. 4
44 4.0 2700 29.1 1602 3 3
30
2 WB SAM LT AG253521.528328.253394.528209.    600 2.9 0. 44    30.
31
90 WB SAM L QAG253261.528053.253342.528147.    0. 24. 2
59 4.0 600 29.1 1717 3 3
41
1 WB SAM LT AG253523.528327.253630.528424.    600 2.9 0. 44    30.
41
1 WB SAM LT AG253631.528424.253711.528534.    600 2.9 0. 44    30.
31
1 WB SAM LT AG253394.528209.253218.528002.    600 2.9 0. 44    30.
33
1 WB SAM dp AG253183.528008.252970.527645.    3175 2.9 0. 68    30.
34
1 WB SAM dp AG252970.527645.252860.527425.    3175 2.9 0. 68    30.

```

				S2B130PM.DAT				
1								
35	WB SAM dp	AG252860.527425.252725.527063.	3175	2.9	0.	32	30.	
1								
36	WB SAM dp	AG252725.527063.252549.526575.	3175	2.9	0.	32	30.	
1								
37	SB FIELDS	AG253254.527933.253631.527952.	750	2.9	0.	56	30.	
1								
38	SB FIELDS	AG253631.527952.254070.527979.	750	2.9	0.	56	30.	
1								
39	SB FIELDS	AG254070.527979.254260.527944.	750	2.9	0.	56	30.	
1								
40	SB FIELDS	AG254260.527944.254431.527859.	750	2.9	0.	56	30.	
1								
41	SB FIELDS	AG254431.527859.254671.527651.	750	2.9	0.	56	30.	
1.0	04	1000 0Y 5 0 72						

JOB: S2 B1PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:35:18.93

RUN: S2 B1PM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1525.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1525.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1525.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1525.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	475.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	475.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253480.9	527980.7	*	146.	86. AG	123. 100.0	.0	24.0	.96	7.4
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	1050.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	1050.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	1050.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253456.6	527936.8	*	129.	143. AG	73. 100.0	.0	24.0	.81	6.5
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	1050.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	297. AG	1000.	2.9	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1000.	2.9	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1000.	2.9	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	850.	2.9	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253170.0	527839.6	*	68.	211. AG	114. 100.0	.0	36.0	.38	3.5
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	150.	2.9	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.1	527894.6	*	2.	212. AG	2. 100.0	.0	12.0	.10	.1
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	150.	2.9	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1900.	2.9	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1900.	2.9	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1900.	2.9	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3300.	2.9	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3300.	2.9	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2700.	2.9	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2700.	2.9	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253373.4	528257.2	*	235.	37. AG	153. 100.0	.0	48.0	.95	12.0
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	600.	2.9	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253324.2	528126.3	*	97.	41. AG	102. 100.0	.0	24.0	.63	4.9
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	600.	2.9	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	600.	2.9	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	600.	2.9	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3175.	2.9	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3175.	2.9	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3175.	2.9	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3175.	2.9	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	750.	2.9	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	750.	2.9	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	750.	2.9	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	750.	2.9	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	750.	2.9	.0	56.0	

JOB: S2 B1PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:35:18.93

RUN: S2 B1PM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 90	71	4.0	475	1717	29.10	3	3
11. 27	NB FLD RT	* 90	42	4.0	1050	1394	29.10	3	3
17. 16	EB SAMT Q	* 90	44	4.0	850	1695	29.10	3	3
19. 18	EB SAMRT Q	* 90	2	4.0	150	1583	29.10	3	3
28. 27	WB SAM T Q	* 90	44	4.0	2700	1602	29.10	3	3
30. 31	WB SAM L Q	* 90	59	4.0	600	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. REC 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2B130PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 B1PM30 FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.5	.3
5.	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.4	.4	.5
10.	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.5	.3
15.	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.1	.2	.0	.3	.3	.6	.3	.3
20.	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.1	.2	.0	.3	.3	.6	.3	.3
25.	.0	.0	.1	.2	.3	.5	.3	.0	.0	.0	.1	.2	.1	.0	.0	.2	.3	.5	.2	.2
30.	.0	.0	.1	.2	.3	.4	.2	.0	.0	.0	.1	.2	.3	.3	.0	.2	.2	.5	.1	.1
35.	.0	.0	.1	.1	.3	.4	.2	.0	.0	.0	.2	.3	.5	.0	.0	.0	.3	.5	.1	.1
40.	.0	.0	.0	.1	.3	.4	.1	.0	.1	.2	.4	.5	.3	.5	.0	.1	.3	.4	.1	.1
45.	.0	.0	.0	.1	.2	.3	.1	.0	.1	.3	.4	.5	.6	.4	.0	.1	.3	.4	.1	.1
50.	.0	.0	.0	.1	.1	.2	.1	.1	.1	.3	.6	.5	.4	.4	.0	.1	.2	.3	.1	.1
55.	.0	.0	.0	.1	.1	.2	.0	.1	.2	.4	.7	.7	.5	.3	.0	.1	.2	.3	.1	.1
60.	.0	.0	.0	.0	.1	.1	.0	.2	.3	.5	.8	.6	.5	.3	.0	.1	.2	.3	.1	.1
65.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.7	.7	.4	.3	.0	.0	.2	.3	.1	.1
70.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.7	.6	.5	.3	.0	.0	.2	.1	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.8	.6	.3	.3	.0	.0	.2	.1	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.4	.4	.3	.0	.0	.0	.1	.1	.1
85.	.1	.0	.0	.0	.0	.0	.0	.3	.5	.6	.8	.4	.4	.3	.0	.0	.0	.1	.1	.1
90.	.1	.1	.0	.0	.0	.0	.0	.3	.6	.6	.8	.4	.3	.3	.0	.0	.0	.1	.0	.0
95.	.1	.1	.2	.0	.0	.0	.0	.3	.5	.6	.7	.4	.2	.2	.0	.0	.0	.0	.0	.0
100.	.1	.1	.2	.0	.0	.0	.0	.3	.6	.5	.7	.3	.2	.2	.0	.0	.0	.0	.0	.0
105.	.2	.1	.2	.0	.0	.0	.0	.3	.6	.5	.7	.4	.2	.2	.0	.0	.0	.0	.0	.0
110.	.2	.1	.1	.0	.0	.0	.0	.3	.6	.5	.8	.3	.3	.3	.0	.0	.0	.0	.0	.0
115.	.2	.1	.1	.1	.0	.0	.0	.2	.5	.7	.8	.2	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.1	.1	.1	.0	.0	.0	.2	.5	.7	.7	.2	.4	.3	.0	.0	.0	.0	.0	.0
125.	.2	.1	.1	.1	.0	.0	.0	.2	.5	.7	.7	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.1	.1	.1	.2	.0	.0	.0	.2	.5	.8	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.1	.1	.1	.2	.0	.0	.0	.2	.5	.8	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0
140.	.1	.1	.1	.2	.0	.0	.0	.2	.5	.8	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0
145.	.1	.1	.1	.3	.0	.0	.0	.2	.6	.8	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0
150.	.1	.1	.1	.3	.0	.0	.0	.2	.7	.8	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
155.	.1	.1	.1	.3	.0	.0	.0	.2	.7	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
160.	.1	.1	.1	.4	.0	.0	.0	.2	.8	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
165.	.1	.1	.1	.5	.0	.0	.0	.2	.7	.6	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
170.	.1	.1	.1	.5	.0	.0	.0	.3	.7	.6	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.5	.0	.0	.0	.2	.7	.5	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.5	.1	.0	.0	.1	.6	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.5	.1	.0	.0	.1	.6	.5	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
190.	.1	.1	.1	.5	.1	.0	.0	.2	.6	.5	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.5	.2	.0	.0	.3	.5	.4	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
200.	.1	.1	.1	.4	.2	.0	.0	.3	.5	.3	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
205.	.1	.0	.1	.4	.2	.0	.0	.4	.3	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1PM30 FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.2	.4	.2	.1	.0	.4	.3	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0
215.	.1	.1	.2	.4	.1	.1	.0	.2	.3	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0
220.	.1	.1	.2	.3	.1	.1	.0	.2	.1	.1	.1	.1	.1	.0	.2	.0	.2	.0	.0	.0
225.	.1	.1	.4	.4	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0
230.	.1	.1	.4	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.2	.0	.0
235.	.1	.2	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.0	.0
240.	.1	.2	.5	.4	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.0
245.	.1	.2	.5	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.1
250.	.2	.3	.5	.3	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.1
255.	.2	.3	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.1
260.	.2	.2	.4	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.1
265.	.0	.2	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.1	.2
270.	.0	.2	.2	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.2
275.	.0	.0	.2	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.2
280.	.0	.1	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.2	.2
285.	.0	.2	.3	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.2
290.	.0	.2	.3	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.2
295.	.0	.2	.2	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.1	.2
300.	.0	.1	.2	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.3
305.	.0	.1	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.6
310.	.0	.1	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.6
315.	.0	.0	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.5	.7
320.	.0	.0	.1	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	.7
325.	.0	.0	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	.7
330.	.0	.0	.1	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.6	.8
335.	.0	.1	.1	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.6	.6
340.	.0	.1	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.6	.6
345.	.0	.2	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.6	.6
350.	.0	.2	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.6	.5
355.	.0	.2	.2	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.2	.5	.4
360.	.0	.1	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.5	.3
MAX	.2	.3	.5	.6	.5	.5	.4	.4	.8	.8	.8	.7	.6	.5	.3	.0	.5	.4	.6	.8
DEGR	105	250	240	290	245	25	255	205	160	130	75	55	45	35	230	0	355	5	15	330

JOB: S2 B1PM30 FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.0	.1	.0	.0	.0
55.	.2	.0	.0	.1	.1	.2	.0	.0	.0
60.	.2	.0	.2	.2	.1	.2	.0	.1	.1
65.	.2	.0	.2	.3	.1	.2	.1	.1	.1
70.	.2	.1	.2	.4	.1	.2	.1	.1	.1
75.	.2	.1	.2	.5	.2	.2	.1	.1	.1
80.	.1	.1	.2	.4	.3	.2	.1	.1	.1
85.	.1	.1	.2	.4	.3	.2	.1	.1	.1
90.	.1	.1	.2	.3	.4	.1	.1	.1	.1
95.	.1	.1	.2	.3	.4	.1	.1	.1	.1
100.	.1	.1	.2	.3	.3	.1	.1	.1	.1
105.	.0	.1	.2	.3	.3	.1	.1	.1	.1
110.	.0	.2	.1	.4	.3	.1	.1	.1	.1
115.	.0	.1	.1	.4	.3	.1	.2	.1	.1
120.	.0	.1	.1	.4	.3	.1	.2	.1	.1
125.	.0	.2	.0	.4	.3	.1	.2	.1	.1
130.	.0	.2	.1	.3	.3	.1	.2	.1	.1
135.	.0	.2	.1	.2	.3	.1	.2	.1	.1
140.	.0	.2	.1	.2	.3	.1	.3	.1	.1
145.	.0	.2	.1	.2	.4	.1	.3	.1	.1
150.	.0	.2	.1	.1	.4	.1	.3	.1	.1
155.	.0	.2	.1	.1	.4	.1	.3	.2	.2
160.	.0	.2	.1	.1	.4	.1	.3	.2	.2
165.	.0	.2	.1	.2	.2	.1	.3	.2	.2
170.	.0	.2	.1	.2	.2	.1	.3	.2	.2
175.	.0	.2	.1	.1	.2	.1	.3	.3	.3
180.	.0	.1	.1	.1	.3	.1	.2	.3	.3
185.	.0	.1	.1	.1	.2	.1	.2	.3	.3
190.	.0	.1	.1	.1	.1	.1	.3	.2	.2
195.	.0	.1	.0	.1	.1	.0	.3	.2	.2
200.	.0	.1	.0	.1	.1	.0	.1	.3	.3
205.	.0	.0	.0	.1	.1	.0	.1	.1	.1

JOB: S2 B1PM30 FIELDS/SAMEIG

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	.0	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
285.	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.2	.5	.4	.2	.3	.3	.3
DEGR.	270	110	60	75	90	55	140	175	

THE HIGHEST CONCENTRATION IS .80 PPM AT 160 DEGREES FROM REC9 .

THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 130 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 75 DEGREES FROM REC11.

S2B130PM.OUT

1

JOB: S2 B1PM30 FIELDS/SAMEIG
 DATE: 12/22/2006 TIME: 11:35:18.93

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 105	REC2 250	REC3 240	REC4 290	REC5 245	REC6 25	REC7 255	REC8 205	REC9 160	REC10 130	REC11 75	REC12 55	REC13 45	REC14 35	REC15 230	REC16 0	REC17 355	REC18 5	REC19 15	REC20 330
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.1	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
12	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
22	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.3	.2	.1	.0	.0	.1	.1	.0	.1
28	.0	.0	.0	.2	.1	.0	.1	.2	.3	.3	.4	.2	.2	.1	.0	.0	.0	.1	.0	.1
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B1PM30 FIELDS/SAMEIG
 DATE: 12/22/2006 TIME: 11:35:18.93

RUN: S2 B1PM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 270	REC22 110	REC23 60	REC24 75	REC25 90	REC26 55	REC27 140	REC28 175
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.1	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.1	.1	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.1	.0	.0	.0
27	.0	.0	.0	.1	.1	.1	.1	.1
28	.0	.1	.1	.2	.1	.1	.2	.2
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B130PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2 B2AM30 FIELDS/SAMEIG				60.0175.0.0000.000280.30480000				S2B230AM.DAT		11 1	
REC 1	400'	SE CORNER	253838.	528042.	5.						
REC 2	164'	SE CORNER	253603.	528031.	5.						
REC 3	82'	SE CORNER	253523.	528027.	5.						
REC 4		SE CORNER	253404.	528057.	5.						
REC 5	82'	ES CORNER	253476.	528142.	5.						
REC 6	164'	ES CORNER	253567.	528237.	5.						
REC 7	400'	ES CORNER	253740.	528343.	5.						
REC 8	400'	NE CORNER	253439.	528414.	5.						
1253436.			253282.	528239.	5.						
REC 10	82'	NE CORNER	253237.	528173.	5.						
REC 11			253190.	528101.	5.						
REC 12	82'	NW CORNER	253134.	528014.	5.						
1253137.			253095.	527946.	5.						
REC 14	400'	NW CORNE	252983.	527749.	5.						
REC 15	400'	WS CORNE	253049.	527545.	5.						
1253052.			527544.	527753.	5.						
REC 17	82'	WS CORNER	253210.	527818.	5.						
REC 18		SW CORNER	253261.	527880.	5.						
REC 19	82'	SW CORNER	253380.	527908.	5.						
REC 20	164'	SW CORNE	253464.	527912.	5.						
REC 21	400'	SW CORNE	253701.	527932.	5.						
REC 22		NSAM HOME	253186.	528339.	5.						
REC 23		NSAM HOME	253042.	528120.	5.						
REC 24		NSAM HOME	253147.	528166.	5.						
REC 25		NSAM HOME	253206.	528257.	5.						
REC 26		NSAM HOME	253029.	528034.	5.						
REC 27		NSAM HOME	253257.	528332.	5.						
REC 28		NSAM HOME	253318.	528416.	5.						
S2 B2AM FIELDS RD & SAM EIG						42	1	1			
1											
1		NB FLD AL	AG254672.527696.254477.527871.		650	2.7	0.	44.	30.		
2		NB FLD AL	AG254477.527871.254294.527964.		650	2.7	0.	44.	30.		
3		NB FLD AL	AG254294.527964.254041.528019.		650	2.7	0.	44.	30.		
4		NB FLD AL	AG254041.528019.253765.528009.		650	2.7	0.	44.	30.		
10		NB FLD LT	AG253765.528009.253603.527990.		125	2.7	0.	44.	30.		
11		NB FLD LT	AG253603.527990.253188.527959.		125	2.7	0.	44.	30.		
11		NB FLD LT	AG253335.527970.253472.527980.		0.	24.		2			
150	136		4.0 125 29.1 1717 3 3								
5		NB FLD RT	AG253765.528009.253589.528001.		525	2.7	0.	44.	30.		
41		NB FLD RT	AG253390.528128.253376.528046.		525	2.7	0.	44.	30.		
41		NB FLD RT	AG253376.528046.253410.527999.		525	2.7	0.	44.	30.		
27		NB FLD RT	AG253380.528040.253406.528005.		0.	24.		2			
150	95		4.0 525 29.1 1394 3 3								
41		NB FLD RT	AG253410.527999.253589.528003.		525	2.7	0.	44	30.		
28		EB SSAMall	AG252907.527360.253050.527639.		3075	2.9	0.	56	30.		
13		EB SAMall	AG252613.526546.252720.526853.		3075	2.9	0.	32.	30.		
14		EB SAMall	AG252720.526853.252907.527360.		3075	2.9	0.	44.	30.		
15		EB SAM T	AG253050.527639.253259.527988.		2875	2.9	0.	56.	30.		
16		EB SAMT Q	AG253205.527898.253142.527793.		0.	36.		3			
150	54		4.0 2875 29.1 1695 3 3								
17		EB SAM RT	AG253066.527621.253149.527767.		200	2.9	0.	32.	30.		
18		EB SAMRT	QAG253231.527896.253160.527784.		0.	12.		1			
150	2		4.0 200 29.1 1583 3 3								
19		EB SAM RT	AG253149.527767.253254.527933.		200	2.9	0.	32.	30.		
21		EB SAM dp	AG253259.527988.253396.528136.		3400	2.9	0.	56.	30.		
22		EB SAM dp	AG253396.528136.253994.528622.		3400	2.9	0.	56.	30.		
23		EB SAM dp	AG253994.528622.254328.528881.		3400	2.9	0.	56.	30.		
24		WB SAMall	AG254243.528968.254032.528794.		1825	2.9	0.	32.	30.		
25		WB SAMall	AG254032.528794.253686.528514.		1825	2.9	0.	44.	30.		
26		WB SAM T	AG253686.528514.253371.528252.		925	2.9	0.	68	30.		
27		WB SAM T	AG253371.528252.253183.528008.		925	2.9	0.	68	30.		
27		WB SAM T	QAG253231.528070.253317.528183.		0.	48.		4			
150	54		4.0 925 29.1 1602 3 3								
30		WB SAM LT	AG253521.528328.253394.528209.		900	2.9	0.	44	30.		
31		WB SAM L	QAG253261.528053.253342.528147.		0.	24.		2			
150	103		4.0 900 29.1 1717 3 3								
41		WB SAM LT	AG253523.528327.253630.528424.		900	2.9	0.	44	30.		
41		WB SAM LT	AG253631.528424.253711.528534.		900	2.9	0.	44	30.		
31		WB SAM LT	AG253394.528209.253218.528002.		900	2.9	0.	44	30.		
33		WB SAM dp	AG253183.528008.252970.527645.		1050	2.9	0.	68	30.		
34		WB SAM dp	AG252970.527645.252860.527425.		1050	2.9	0.	68	30.		

				S2B230AM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	1050	2.9	0.	32	30.
36	1	WB SAM dp	AG252725.527063.252549.526575.	1050	2.9	0.	32	30.
37	1	SB FIELDS	AG253254.527933.253631.527952.	1100	2.9	0.	56	30.
38	1	SB FIELDS	AG253631.527952.254070.527979.	1100	2.9	0.	56	30.
39	1	SB FIELDS	AG254070.527979.254260.527944.	1100	2.9	0.	56	30.
40	1	SB FIELDS	AG254260.527944.254431.527859.	1100	2.9	0.	56	30.
41	1	SB FIELDS	AG254431.527859.254671.527651.	1100	2.9	0.	56	30.
1.0	04	1000 0Y	5 0 72					

JOB: S2 B2AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:36:14.29

RUN: S2 B2AM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	650.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	650.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	650.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	650.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	125.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	125.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253385.3	527973.7	*	50.	86. AG	142.	100.0	.0	24.0	.68 2.6
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	525.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	525.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	525.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253461.1	527930.7	*	136.	143. AG	99.	100.0	.0	24.0	.58 6.9
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	525.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	3075.	2.9	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	3075.	2.9	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	3075.	2.9	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	2875.	2.9	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253025.7	527599.2	*	348.	211. AG	84.	100.0	.0	36.0	.94 17.7
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	200.	2.9	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253229.8	527894.2	*	2.	213. AG	1.	100.0	.0	12.0	.13 .1
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	200.	2.9	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	3400.	2.9	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	3400.	2.9	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	3400.	2.9	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	1825.	2.9	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	1825.	2.9	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	925.	2.9	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	925.	2.9	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253272.3	528124.3	*	68.	37. AG	112.	100.0	.0	48.0	.24 3.5
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	900.	2.9	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253472.2	528298.0	*	323.	41. AG	107.	100.0	.0	24.0	.96 16.4
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	900.	2.9	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	900.	2.9	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	900.	2.9	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	1050.	2.9	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	1050.	2.9	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	1050.	2.9	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	1050.	2.9	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	1100.	2.9	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	1100.	2.9	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	1100.	2.9	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	1100.	2.9	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	1100.	2.9	.0	56.0	

JOB: S2 B2AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:36:14.29

RUN: S2 B2AM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 150	136	4.0	125	1717	29.10	3	3
11. 27	NB FLD RT	* 150	95	4.0	525	1394	29.10	3	3
17. 16	EB SAMT Q	* 150	54	4.0	2875	1695	29.10	3	3
19. 18	EB SAMRT Q	* 150	2	4.0	200	1583	29.10	3	3
28. 27	WB SAM T Q	* 150	54	4.0	925	1602	29.10	3	3
30. 31	WB SAM L Q	* 150	103	4.0	900	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. Rec 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	527544.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2B230AM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 B2AM30 FIELDS/SAMEIG

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.3	.3	.5	.4
5.	.1	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.3	.4	.6	.4
10.	.0	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	.4	.5	.3
15.	.0	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.4	.4	.3
20.	.0	.1	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.3	.3	.3
25.	.0	.1	.1	.2	.3	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.4	.3	.2
30.	.0	.1	.1	.2	.3	.5	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.4	.4	.3	.2
35.	.0	.1	.1	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.2	.4	.3	.2
40.	.0	.0	.1	.2	.3	.5	.3	.0	.0	.0	.0	.3	.1	.1	.1	.0	.2	.4	.3	.1
45.	.0	.0	.0	.2	.3	.5	.3	.0	.0	.0	.0	.4	.4	.3	.0	.0	.1	.4	.3	.1
50.	.0	.0	.0	.1	.2	.4	.2	.0	.0	.0	.3	.4	.5	.3	.0	.0	.1	.4	.2	.1
55.	.0	.0	.0	.1	.2	.3	.1	.0	.1	.2	.4	.4	.4	.3	.0	.0	.0	.3	.2	.1
60.	.0	.0	.0	.1	.1	.2	.0	.0	.2	.3	.4	.5	.4	.3	.0	.0	.0	.3	.2	.1
65.	.0	.0	.0	.0	.0	.2	.0	.0	.2	.3	.4	.5	.4	.3	.0	.0	.0	.2	.2	.1
70.	.0	.0	.0	.0	.0	.1	.0	.1	.3	.3	.5	.5	.2	.3	.0	.0	.0	.1	.2	.1
75.	.0	.0	.0	.0	.0	.1	.0	.1	.3	.3	.7	.3	.3	.3	.0	.0	.0	.1	.2	.1
80.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.7	.3	.3	.3	.0	.0	.0	.1	.1	.1
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.7	.2	.2	.3	.0	.0	.0	.0	.1	.1
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.1	.2	.3	.0	.0	.0	.0	.1	.1
95.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.1	.2	.3	.0	.0	.0	.0	.1	.0
100.	.1	.1	.1	.0	.0	.0	.0	.2	.3	.4	.5	.2	.2	.3	.0	.0	.0	.0	.0	.0
105.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.4	.5	.3	.2	.3	.0	.0	.0	.0	.0	.0
110.	.1	.2	.1	.0	.0	.0	.0	.2	.3	.3	.5	.2	.2	.3	.0	.0	.0	.0	.0	.0
115.	.2	.2	.0	.0	.0	.0	.0	.2	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
120.	.2	.2	.0	.0	.0	.0	.0	.1	.3	.3	.6	.2	.3	.3	.0	.0	.0	.0	.0	.0
125.	.2	.2	.0	.0	.0	.0	.0	.1	.3	.3	.4	.2	.3	.3	.0	.0	.0	.0	.0	.0
130.	.2	.1	.1	.0	.0	.0	.0	.1	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
135.	.2	.1	.0	.0	.0	.0	.0	.1	.3	.5	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
140.	.2	.0	.1	.1	.0	.0	.0	.1	.3	.5	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
145.	.2	.0	.1	.1	.0	.0	.0	.1	.3	.4	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
150.	.2	.0	.1	.1	.0	.0	.0	.1	.3	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
155.	.2	.0	.1	.2	.0	.0	.0	.1	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
160.	.2	.0	.1	.2	.0	.0	.0	.1	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
165.	.2	.0	.1	.3	.0	.0	.0	.3	.3	.5	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
170.	.2	.0	.1	.3	.0	.0	.0	.3	.3	.6	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
175.	.2	.0	.1	.3	.0	.0	.0	.3	.4	.5	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
180.	.2	.1	.1	.3	.0	.0	.0	.3	.4	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
185.	.2	.1	.1	.4	.1	.0	.0	.2	.5	.3	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
190.	.2	.1	.1	.4	.1	.0	.0	.3	.4	.4	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.4	.1	.0	.0	.2	.3	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
200.	.1	.1	.1	.4	.1	.0	.0	.2	.3	.3	.3	.1	.2	.3	.2	.0	.0	.0	.0	.0
205.	.2	.1	.1	.3	.1	.0	.0	.1	.2	.1	.1	.1	.1	.0	.2	.0	.2	.0	.0	.0

1

JOB: S2 B2AM30 FIELDS/SAMEIG

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.1	.3	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.3	.0	.3	.3	.0	.0
215.	.2	.1	.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.0	.0
220.	.2	.1	.3	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.3	.0	.0
225.	.2	.1	.3	.5	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.5	.5	.0	.0
230.	.2	.1	.3	.4	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.0
235.	.2	.1	.4	.3	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.0
240.	.2	.3	.4	.3	.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.2
245.	.0	.3	.4	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.2
250.	.0	.4	.4	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.2	.2
255.	.0	.1	.4	.2	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.2
260.	.0	.1	.2	.2	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.4	.2	.2
265.	.0	.2	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
270.	.0	.1	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
275.	.0	.1	.2	.4	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
280.	.0	.1	.1	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
285.	.0	.2	.2	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
290.	.0	.2	.2	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.2
295.	.1	.1	.2	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.2	.4
300.	.1	.2	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.4
305.	.1	.2	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.4
310.	.1	.2	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.5
315.	.1	.2	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.3	.7
320.	.1	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.3	.6
325.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.4	.7
330.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.4	.7
335.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	.7
340.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	.7
345.	.1	.1	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	.5
350.	.1	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.3	.3	.5	.6
355.	.1	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.3	.2	.6	.5
360.	.1	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.3	.3	.5	.4
MAX	.2	.4	.4	.5	.4	.6	.4	.3	.5	.6	.7	.5	.5	.4	.5	.0	.5	.5	.6	.7
DEGR	115	250	235	215	0	240	10	165	185	170	75	60	50	150	0	0	10	225	5	315

JOB: S2 B2AM30 FIELDS/SAMEIG

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.2	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	.1	.0	.0	.0	.0	.1	.0	.0	.0
60.	.2	.0	.1	.1	.0	.2	.0	.0	.0
65.	.2	.0	.1	.1	.1	.2	.0	.0	.0
70.	.2	.0	.2	.2	.1	.2	.1	.0	.0
75.	.2	.1	.2	.2	.1	.3	.1	.1	.1
80.	.2	.1	.2	.2	.1	.2	.1	.1	.1
85.	.2	.1	.2	.2	.2	.2	.1	.1	.1
90.	.1	.1	.2	.2	.2	.1	.1	.1	.1
95.	.1	.1	.2	.2	.2	.1	.1	.1	.1
100.	.1	.1	.2	.2	.2	.0	.1	.1	.1
105.	.1	.1	.1	.3	.2	.0	.2	.1	.1
110.	.0	.2	.1	.3	.2	.1	.2	.1	.1
115.	.0	.2	.1	.3	.2	.1	.2	.1	.1
120.	.0	.2	.0	.3	.2	.1	.2	.1	.1
125.	.0	.2	.0	.3	.1	.1	.2	.1	.1
130.	.0	.1	.0	.3	.2	.1	.2	.1	.1
135.	.0	.1	.1	.2	.2	.1	.2	.2	.2
140.	.0	.1	.1	.2	.2	.2	.2	.2	.2
145.	.0	.2	.1	.1	.2	.2	.1	.2	.2
150.	.0	.2	.1	.0	.2	.2	.2	.2	.2
155.	.0	.2	.1	.1	.3	.2	.2	.2	.2
160.	.0	.1	.2	.1	.3	.2	.2	.2	.1
165.	.0	.0	.2	.1	.2	.2	.2	.1	.1
170.	.0	.0	.2	.1	.1	.2	.2	.2	.1
175.	.0	.0	.0	.2	.2	.1	.2	.2	.2
180.	.0	.1	.0	.2	.1	.0	.0	.0	.2
185.	.0	.1	.0	.2	.1	.0	.1	.1	.1
190.	.0	.0	.0	.2	.1	.0	.1	.0	.0
195.	.0	.0	.0	.0	.1	.0	.1	.0	.0
200.	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S2 B2AM30 FIELDS/SAMEIG

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
360.	.2	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.3	.3	.3	.2	.2	.2
DEGR.	0	110	70	105	155	75	105	135	

THE HIGHEST CONCENTRATION IS .70 PPM AT 315 DEGREES FROM REC20.

S2B230AM.OUT
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 75 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 240 DEGREES FROM REC6 .

1

JOB: S2 B2AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:36:14.29

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 115	REC2 250	REC3 235	REC4 215	REC5 0	REC6 240	REC7 10	REC8 165	REC9 185	REC10 170	REC11 75	REC12 60	REC13 50	REC14 150	REC15 0	REC16 0	REC17 10	REC18 225	REC19 5	REC20 315
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
12 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.2	.2	.0	.0
17 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1
22 *	.0	.0	.0	.0	.3	.4	.3	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.0	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B2AM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:36:14.29

RUN: S2 B2AM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 110	REC23 70	REC24 105	REC25 155	REC26 75	REC27 105	REC28 135
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.1	.1	.0	.0
22 *	.1	.1	.1	.0	.0	.1	.1	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.1	.1	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.1	.1	.1	.1	.1	.1	.1
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B230AM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S2B230PM.DAT

S2 B2PM30 FIELDS/SAMEIG	60.0175.0.0000.000280.30480000	11	1

```

REC 1 400' SE CORNER      253838.    528042.    5.
REC 2 164' SE CORNER      253603.    528031.    5.
REC 3 82' SE CORNER       253523.    528027.    5.
REC 4 SE CORNER           253404.    528057.    5.
REC 5 82' ES CORNER       253476.    528142.    5.
REC 6 164' ES CORNER      253567.    528237.    5.
REC 7 400' ES CORNER      253740.    528343.    5.
REC 8 400' NE CORNER      253439.    528414.    5.
1253436.    253282.    528239.    5.
REC 10 82' NE CORNER      253237.    528173.    5.
REC 11              253190.    528101.    5.
REC 12 82' NW CORNER      253134.    528014.    5.
1253137.    253095.    527946.    5.
REC 14 400' NW CORNE      252983.    527749.    5.
REC 15 400' WS CORNE      253049.    527545.    5.
1253052.    527544.    527753.    5.
REC 17 82' WS CORNER      253210.    527818.    5.
REC 18 SW CORNER          253261.    527880.    5.
REC 19 82' SW CORNER      253380.    527908.    5.
REC 20 164' SW CORNE      253464.    527912.    5.
REC 21 400' SW CORNE      253701.    527932.    5.
REC 22 NSAM HOME          253186.    528339.    5.
REC 23 NSAM HOME          253042.    528120.    5.
REC 24 NSAM HOME          253147.    528166.    5.
REC 25 NSAM HOME          253206.    528257.    5.
REC 26 NSAM HOME          253029.    528034.    5.
REC 27 NSAM HOME          253257.    528332.    5.
REC 28 NSAM HOME          253318.    528416.    5.
S2 B2PM FIELDS RD & SAM EIG      42 1 1
1
1 NB FLD AL AG254672.527696.254477.527871.    1500 2.7 0. 44.    30.
2
1 NB FLD AL AG254477.527871.254294.527964.    1500 2.7 0. 44.    30.
3
1 NB FLD AL AG254294.527964.254041.528019.    1500 2.7 0. 44.    30.
4
1 NB FLD AL AG254041.528019.253765.528009.    1500 2.7 0. 44.    30.
10
1 NB FLD LT AG253765.528009.253603.527990.    475 2.7 0. 44.    30.
11
2 NB FLD LT AG253603.527990.253188.527959.    475 2.7 0. 44.    30.
11
100 NB FLD LT AG253335.527970.253472.527980.    0. 24. 2
78 4.0 475 29.1 1717 3 3
5
1 NB FLD RT AG253765.528009.253589.528001.    1025 2.7 0. 44.    30.
41
1 NB FLD RT AG253390.528128.253376.528046.    1025 2.7 0. 44.    30.
41
1 NB FLD RT AG253376.528046.253410.527999.    1025 2.7 0. 44.    30.
27
2 NB FLD RT AG253380.528040.253406.528005.    0. 24. 2
100 53 4.0 1025 29.1 1394 3 3
41
1 NB FLD RT AG253410.527999.253589.528003.    1025 2.7 0. 44    30.
28
1 EB SSAMallAG252907.527360.253050.527639.    1000 2.9 0. 56    30.
13
1 EB SAMall AG252613.526546.252720.526853.    1000 2.9 0. 32.    30.
14
1 EB SAMall AG252720.526853.252907.527360.    1000 2.9 0. 44.    30.
15
2 EB SAM T AG253050.527639.253259.527988.    850 2.9 0. 56.    30.
16
100 EB SAMT Q AG253205.527898.253142.527793.    0. 36. 3
46 4.0 850 29.1 1695 3 3
17
2 EB SAM RT AG253066.527621.253149.527767.    150 2.9 0. 32.    30.
18
100 EB SAMRT QAG253231.527896.253160.527784.    0. 12. 1
2 4.0 150 29.1 1583 3 3
19
1 EB SAM RT AG253149.527767.253254.527933.    150 2.9 0. 32.    30.
21
1 EB SAM dp AG253259.527988.253396.528136.    1875 2.9 0. 56.    30.
22
1 EB SAM dp AG253396.528136.253994.528622.    1875 2.9 0. 56.    30.
23
1 EB SAM dp AG253994.528622.254328.528881.    1875 2.9 0. 56.    30.
24
1 WB SAMall AG254243.528968.254032.528794.    3475 2.9 0. 32.    30.
25
1 WB SAMall AG254032.528794.253686.528514.    3475 2.9 0. 44.    30.
26
1 WB SAM T AG253686.528514.253371.528252.    2875 2.9 0. 68    30.
27
2 WB SAM T AG253371.528252.253183.528008.    2875 2.9 0. 68    30.
27
100 WB SAM T QAG253231.528070.253317.528183.    0. 48. 4
46 4.0 2875 29.1 1602 3 3
30
2 WB SAM LT AG253521.528328.253394.528209.    600 2.9 0. 44    30.
31
100 WB SAM L QAG253261.528053.253342.528147.    0. 24. 2
69 4.0 600 29.1 1717 3 3
41
1 WB SAM LT AG253523.528327.253630.528424.    600 2.9 0. 44    30.
41
1 WB SAM LT AG253631.528424.253711.528534.    600 2.9 0. 44    30.
31
1 WB SAM LT AG253394.528209.253218.528002.    600 2.9 0. 44    30.
33
1 WB SAM dp AG253183.528008.252970.527645.    3350 2.9 0. 68    30.
34
1 WB SAM dp AG252970.527645.252860.527425.    3350 2.9 0. 68    30.

```

				S2B230PM.DAT				
1								
35	1	WB SAM dp	AG252860.527425.252725.527063.	3350	2.9	0.	32	30.
36	1	WB SAM dp	AG252725.527063.252549.526575.	3350	2.9	0.	32	30.
37	1	SB FIELDS	AG253254.527933.253631.527952.	750	2.9	0.	56	30.
38	1	SB FIELDS	AG253631.527952.254070.527979.	750	2.9	0.	56	30.
39	1	SB FIELDS	AG254070.527979.254260.527944.	750	2.9	0.	56	30.
40	1	SB FIELDS	AG254260.527944.254431.527859.	750	2.9	0.	56	30.
41	1	SB FIELDS	AG254431.527859.254671.527651.	750	2.9	0.	56	30.
1.0	04	1000	0Y 5 0 72					

JOB: S2 B2PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:37:00.70

RUN: S2 B2PM FIELDS RD & SAM EIG

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB FLD AL	* 254672.0	527696.0	254477.0	527871.0	*	262.	312. AG	1500.	2.7	.0	44.0	
2. 2	NB FLD AL	* 254477.0	527871.0	254294.0	527964.0	*	205.	297. AG	1500.	2.7	.0	44.0	
3. 3	NB FLD AL	* 254294.0	527964.0	254041.0	528019.0	*	259.	282. AG	1500.	2.7	.0	44.0	
4. 4	NB FLD AL	* 254041.0	528019.0	253765.0	528009.0	*	276.	268. AG	1500.	2.7	.0	44.0	
5. 10	NB FLD LT	* 253765.0	528009.0	253603.0	527990.0	*	163.	263. AG	475.	2.7	.0	44.0	
6. 11	NB FLD LT	* 253603.0	527990.0	253188.0	527959.0	*	416.	266. AG	475.	2.7	.0	44.0	
7. 11	NB FLD LT	* 253335.0	527970.0	253461.0	527991.2	*	126.	86. AG	122. 100.0	2.7	.0	24.0	.86 6.4
8. 5	NB FLD RT	* 253765.0	528009.0	253589.0	528001.0	*	176.	267. AG	1025.	2.7	.0	44.0	
9. 41	NB FLD RT	* 253390.0	528128.0	253376.0	528046.0	*	83.	190. AG	1025.	2.7	.0	44.0	
10. 41	NB FLD RT	* 253376.0	528046.0	253410.0	527999.0	*	58.	144. AG	1025.	2.7	.0	44.0	
11. 27	NB FLD RT	* 253380.0	528040.0	253490.2	527891.6	*	185.	143. AG	83. 100.0	2.7	.0	24.0	.90 9.4
12. 41	NB FLD RT	* 253410.0	527999.0	253589.0	528003.0	*	179.	89. AG	1025.	2.7	.0	44.0	
13. 28	EB SSAMall	* 252907.0	527360.0	253050.0	527639.0	*	314.	27. AG	1000.	2.9	.0	56.0	
14. 13	EB SAMall	* 252613.0	526546.0	252720.0	526853.0	*	325.	19. AG	1000.	2.9	.0	32.0	
15. 14	EB SAMall	* 252720.0	526853.0	252907.0	527360.0	*	540.	20. AG	1000.	2.9	.0	44.0	
16. 15	EB SAM T	* 253050.0	527639.0	253259.0	527988.0	*	407.	31. AG	850.	2.9	.0	56.0	
17. 16	EB SAMT Q	* 253205.0	527898.0	253168.4	527837.0	*	71.	211. AG	108. 100.0	2.9	.0	36.0	.35 3.6
18. 17	EB SAM RT	* 253066.0	527621.0	253149.0	527767.0	*	168.	30. AG	150.	2.9	.0	32.0	
19. 18	EB SAMRT Q	* 253231.0	527896.0	253230.1	527894.6	*	2.	212. AG	2. 100.0	2.9	.0	12.0	.10 .1
20. 19	EB SAM RT	* 253149.0	527767.0	253254.0	527933.0	*	196.	32. AG	150.	2.9	.0	32.0	
21. 21	EB SAM dp	* 253259.0	527988.0	253396.0	528136.0	*	202.	43. AG	1875.	2.9	.0	56.0	
22. 22	EB SAM dp	* 253396.0	528136.0	253994.0	528622.0	*	771.	51. AG	1875.	2.9	.0	56.0	
23. 23	EB SAM dp	* 253994.0	528622.0	254328.0	528881.0	*	423.	52. AG	1875.	2.9	.0	56.0	
24. 24	WB SAMall	* 254243.0	528968.0	254032.0	528794.0	*	274.	230. AG	3475.	2.9	.0	32.0	
25. 25	WB SAMall	* 254032.0	528794.0	253686.0	528514.0	*	445.	231. AG	3475.	2.9	.0	44.0	
26. 26	WB SAM T	* 253686.0	528514.0	253371.0	528252.0	*	410.	230. AG	2875.	2.9	.0	68.0	
27. 27	WB SAM T	* 253371.0	528252.0	253183.0	528008.0	*	308.	218. AG	2875.	2.9	.0	68.0	
28. 27	WB SAM T Q	* 253231.0	528070.0	253377.4	528262.4	*	242.	37. AG	144. 100.0	2.9	.0	48.0	.93 12.3
29. 30	WB SAM LT	* 253521.0	528328.0	253394.0	528209.0	*	174.	227. AG	600.	2.9	.0	44.0	
30. 31	WB SAM L Q	* 253261.0	528053.0	253334.9	528138.7	*	113.	41. AG	108. 100.0	2.9	.0	24.0	.70 5.8
31. 41	WB SAM LT	* 253523.0	528327.0	253630.0	528424.0	*	144.	48. AG	600.	2.9	.0	44.0	
32. 41	WB SAM LT	* 253631.0	528424.0	253711.0	528534.0	*	136.	36. AG	600.	2.9	.0	44.0	
33. 31	WB SAM LT	* 253394.0	528209.0	253218.0	528002.0	*	272.	220. AG	600.	2.9	.0	44.0	
34. 33	WB SAM dp	* 253183.0	528008.0	252970.0	527645.0	*	421.	210. AG	3350.	2.9	.0	68.0	
35. 34	WB SAM dp	* 252970.0	527645.0	252860.0	527425.0	*	246.	207. AG	3350.	2.9	.0	68.0	
36. 35	WB SAM dp	* 252860.0	527425.0	252725.0	527063.0	*	386.	200. AG	3350.	2.9	.0	32.0	
37. 36	WB SAM dp	* 252725.0	527063.0	252549.0	526575.0	*	519.	200. AG	3350.	2.9	.0	32.0	
38. 37	SB FIELDS	* 253254.0	527933.0	253631.0	527952.0	*	377.	87. AG	750.	2.9	.0	56.0	
39. 38	SB FIELDS	* 253631.0	527952.0	254070.0	527979.0	*	440.	86. AG	750.	2.9	.0	56.0	
40. 39	SB FIELDS	* 254070.0	527979.0	254260.0	527944.0	*	193.	100. AG	750.	2.9	.0	56.0	
41. 40	SB FIELDS	* 254260.0	527944.0	254431.0	527859.0	*	191.	116. AG	750.	2.9	.0	56.0	
42. 41	SB FIELDS	* 254431.0	527859.0	254671.0	527651.0	*	318.	131. AG	750.	2.9	.0	56.0	

JOB: S2 B2PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:37:00.70

RUN: S2 B2PM FIELDS RD & SAM EIG

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
7. 11	NB FLD LT	* 100	78	4.0	475	1717	29.10	3	3
11. 27	NB FLD RT	* 100	53	4.0	1025	1394	29.10	3	3
17. 16	EB SAMT Q	* 100	46	4.0	850	1695	29.10	3	3
19. 18	EB SAMRT Q	* 100	2	4.0	150	1583	29.10	3	3
28. 27	WB SAM T Q	* 100	46	4.0	2875	1602	29.10	3	3
30. 31	WB SAM L Q	* 100	69	4.0	600	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	253838.0	528042.0	5.0	*
2. REC 2 164' SE CORNER	*	253603.0	528031.0	5.0	*
3. REC 3 82' SE CORNER	*	253523.0	528027.0	5.0	*
4. REC 4 SE CORNER	*	253404.0	528057.0	5.0	*
5. REC 5 82' ES CORNER	*	253476.0	528142.0	5.0	*
6. REC 6 164' ES CORNER	*	253567.0	528237.0	5.0	*
7. REC 7 400' ES CORNER	*	253740.0	528343.0	5.0	*
8. REC 8 400' NE CORNER	*	253439.0	528414.0	5.0	*
9. 1253436.	*	253282.0	528239.0	5.0	*
10. REC 10 82' NE CORNER	*	253237.0	528173.0	5.0	*
11. REC 11	*	253190.0	528101.0	5.0	*
12. REC 12 82' NW CORNER	*	253134.0	528014.0	5.0	*
13. 1253137.	*	253095.0	527946.0	5.0	*
14. REC 14 400' NW CORNE	*	252983.0	527749.0	5.0	*
15. REC 15 400' WS CORNE	*	253049.0	527545.0	5.0	*
16. 1253052.	*	252754.0	527753.0	5.0	*
17. REC 17 82' WS CORNER	*	253210.0	527818.0	5.0	*
18. REC 18 SW CORNER	*	253261.0	527880.0	5.0	*
19. REC 19 82' SW CORNER	*	253380.0	527908.0	5.0	*
20. REC 20 164' SW CORNE	*	253464.0	527912.0	5.0	*
21. REC 21 400' SW CORNE	*	253701.0	527932.0	5.0	*
22. REC 22 NSAM HOME	*	253186.0	528339.0	5.0	*
23. REC 23 NSAM HOME	*	253042.0	528120.0	5.0	*
24. REC 24 NSAM HOME	*	253147.0	528166.0	5.0	*
25. REC 25 NSAM HOME	*	253206.0	528257.0	5.0	*

26. REC 26 NSAM HOME * 253029.0 528034.0 S2B230PM.OUT
 27. REC 27 NSAM HOME * 253257.0 528332.0 5.0 *
 28. REC 28 NSAM HOME * 253318.0 528416.0 5.0 *

1

JOB: S2 B2PM30 FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.2	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.5	.7
5.	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.4	.4	.7
10.	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.5	.7
15.	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.3	.4	.6	.6
20.	.0	.1	.1	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.3	.3	.6	.5
25.	.0	.0	.1	.2	.3	.4	.2	.0	.0	.0	.0	.1	.2	.2	.1	.0	.3	.4	.5	.5
30.	.0	.0	.1	.2	.3	.4	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.3	.5	.4
35.	.0	.0	.1	.1	.3	.4	.2	.0	.0	.0	.2	.2	.3	.5	.0	.0	.0	.3	.5	.4
40.	.0	.0	.0	.1	.3	.4	.1	.0	.1	.2	.3	.5	.3	.5	.0	.0	.1	.3	.3	.4
45.	.0	.0	.0	.1	.2	.4	.1	.0	.1	.3	.5	.5	.6	.4	.0	.0	.1	.3	.3	.4
50.	.0	.0	.0	.1	.1	.2	.1	.1	.1	.3	.6	.7	.6	.4	.0	.0	.1	.3	.3	.4
55.	.0	.0	.0	.1	.1	.2	.0	.1	.2	.4	.7	.8	.6	.4	.0	.0	.1	.3	.3	.4
60.	.0	.0	.0	.0	.1	.1	.0	.2	.3	.6	.8	.7	.5	.4	.0	.0	.1	.3	.3	.4
65.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.7	.6	.5	.3	.0	.0	.0	.3	.2	.4
70.	.0	.0	.0	.0	.0	.1	.0	.2	.5	.7	.8	.6	.5	.3	.0	.0	.0	.3	.2	.4
75.	.0	.0	.0	.0	.0	.0	.0	.2	.6	.7	.8	.6	.3	.3	.0	.0	.0	.2	.2	.4
80.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.7	.4	.3	.3	.0	.0	.0	.0	.2	.4
85.	.1	.0	.0	.0	.0	.0	.0	.3	.5	.6	.8	.4	.4	.3	.0	.0	.0	.0	.2	.4
90.	.1	.1	.0	.0	.0	.0	.0	.3	.6	.6	.7	.4	.3	.3	.0	.0	.0	.0	.2	.3
95.	.1	.1	.2	.0	.0	.0	.0	.3	.7	.6	.7	.4	.2	.3	.0	.0	.0	.0	.1	.3
100.	.1	.1	.2	.0	.0	.0	.0	.3	.6	.5	.7	.4	.2	.3	.0	.0	.0	.0	.1	.3
105.	.2	.1	.2	.0	.0	.0	.0	.3	.6	.6	.7	.4	.2	.3	.0	.0	.0	.0	.0	.4
110.	.2	.1	.1	.0	.0	.0	.0	.3	.6	.6	.7	.3	.4	.3	.0	.0	.0	.0	.0	.4
115.	.2	.1	.1	.1	.0	.0	.0	.3	.6	.7	.8	.2	.4	.3	.0	.0	.0	.0	.0	.4
120.	.2	.1	.1	.1	.0	.0	.0	.3	.5	.7	.8	.2	.4	.3	.0	.0	.0	.0	.0	.4
125.	.1	.1	.1	.1	.0	.0	.0	.3	.5	.7	.7	.2	.4	.3	.0	.0	.0	.0	.0	.3
130.	.1	.1	.1	.1	.0	.0	.0	.3	.5	.8	.5	.2	.4	.3	.0	.0	.0	.0	.0	.3
135.	.1	.1	.1	.1	.0	.0	.0	.3	.5	.9	.4	.2	.3	.3	.0	.0	.0	.0	.0	.3
140.	.1	.1	.1	.3	.0	.0	.0	.3	.5	.9	.4	.2	.3	.3	.0	.0	.0	.0	.0	.3
145.	.1	.1	.1	.3	.0	.0	.0	.3	.5	.8	.2	.3	.4	.3	.0	.0	.0	.0	.0	.3
150.	.1	.1	.1	.4	.0	.0	.0	.3	.7	.7	.2	.4	.4	.3	.0	.0	.0	.0	.0	.2
155.	.1	.1	.1	.3	.0	.0	.0	.3	.7	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.2
160.	.1	.1	.1	.3	.0	.0	.0	.3	.7	.7	.2	.4	.3	.3	.0	.0	.0	.0	.0	.2
165.	.1	.1	.1	.4	.0	.0	.0	.3	.7	.6	.2	.4	.3	.3	.0	.0	.0	.0	.0	.1
170.	.1	.1	.1	.5	.0	.0	.0	.3	.7	.6	.3	.4	.3	.4	.0	.0	.0	.0	.0	.1
175.	.1	.1	.1	.5	.0	.0	.0	.2	.7	.5	.3	.3	.3	.4	.0	.0	.0	.0	.0	.1
180.	.1	.1	.1	.5	.1	.0	.0	.2	.6	.4	.3	.3	.3	.4	.0	.0	.0	.0	.0	.1
185.	.1	.1	.1	.5	.1	.0	.0	.2	.6	.5	.4	.3	.3	.3	.0	.0	.0	.0	.0	.1
190.	.1	.1	.1	.5	.2	.0	.0	.2	.6	.4	.3	.4	.3	.4	.0	.0	.0	.0	.0	.1
195.	.1	.1	.2	.5	.2	.0	.0	.3	.5	.4	.3	.4	.3	.5	.0	.0	.0	.0	.0	.1
200.	.1	.1	.2	.4	.2	.0	.0	.3	.5	.3	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
205.	.1	.0	.2	.4	.2	.0	.0	.4	.3	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0

1

JOB: S2 B2PM30 FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.0	.2	.4	.2	.0	.0	.5	.3	.2	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0
215.	.1	.1	.2	.4	.2	.1	.0	.2	.2	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0
220.	.1	.1	.3	.4	.1	.1	.0	.2	.1	.1	.1	.1	.1	.1	.2	.0	.2	.0	.0	.0
225.	.1	.1	.3	.4	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0
230.	.1	.2	.3	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.2	.0	.0
235.	.1	.2	.3	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.3	.0	.0
240.	.1	.3	.5	.4	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.0
245.	.1	.4	.5	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.1
250.	.1	.4	.5	.3	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.1	.1
255.	.2	.4	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.1
260.	.1	.3	.4	.3	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.1
265.	.0	.2	.3	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.1	.2
270.	.0	.1	.2	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.2
275.	.0	.0	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.4	.2	.3
280.	.0	.2	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.2	.3
285.	.0	.2	.4	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.3
290.	.0	.2	.4	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.2	.3
295.	.0	.2	.2	.6	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.3	.1	.3
300.	.0	.2	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1	.5
305.	.0	.1	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.7
310.	.0	.1	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.2	.8
315.	.0	.0	.2	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.5	.9
320.	.0	.0	.1	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	1.0
325.	.0	.0	.1	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.4	.2	.5	1.0
330.	.0	.1	.1	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.6	1.1
335.	.0	.1	.1	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.6	1.1
340.	.0	.1	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.7	.9
345.	.0	.1	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.3	.7	.8
350.	.0	.2	.2	.4	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.2	.6	.7
355.	.0	.2	.2	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.2	.6	.7
360.	.0	.2	.2	.5	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	.4	.5	.7
MAX	.2	.4	.5	.6	.5	.4	.3	.5	.7	.9	.8	.8	.6	.5	.3	.0	.5	.4	.7	1.1
DEGR	105	245	240	295	245	20	255	210	95	135	70	55	45	35	0	0	0	0	340	330

JOB: S2 B2PM30 FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	.2	.0	.0	.1	.0	.1	.0	.0	.0
55.	.2	.0	.0	.1	.1	.3	.0	.0	.0
60.	.2	.0	.2	.2	.1	.2	.1	.1	.1
65.	.2	.0	.2	.3	.1	.2	.2	.1	.1
70.	.2	.1	.3	.4	.1	.2	.1	.1	.1
75.	.2	.1	.2	.4	.2	.2	.1	.2	.1
80.	.1	.1	.2	.4	.3	.2	.1	.1	.1
85.	.1	.1	.2	.4	.3	.2	.1	.1	.1
90.	.1	.1	.2	.3	.4	.1	.1	.1	.1
95.	.1	.1	.2	.3	.4	.1	.1	.1	.1
100.	.1	.1	.2	.4	.2	.1	.1	.1	.1
105.	.0	.1	.2	.4	.3	.1	.1	.1	.1
110.	.0	.2	.1	.4	.3	.1	.1	.1	.1
115.	.0	.1	.1	.4	.3	.1	.2	.1	.1
120.	.0	.2	.1	.4	.3	.1	.2	.1	.1
125.	.0	.2	.1	.3	.3	.1	.3	.1	.1
130.	.0	.2	.1	.3	.3	.1	.2	.1	.1
135.	.0	.2	.1	.2	.3	.1	.2	.1	.1
140.	.0	.2	.1	.2	.4	.1	.3	.1	.1
145.	.0	.2	.1	.2	.4	.1	.3	.1	.1
150.	.0	.2	.1	.1	.4	.1	.3	.1	.1
155.	.0	.2	.1	.1	.4	.1	.3	.2	.2
160.	.0	.2	.1	.1	.3	.1	.3	.2	.2
165.	.0	.2	.1	.2	.2	.1	.3	.2	.2
170.	.0	.2	.1	.2	.2	.1	.4	.2	.2
175.	.0	.2	.1	.1	.2	.1	.2	.2	.2
180.	.0	.1	.1	.1	.3	.1	.2	.3	.3
185.	.0	.1	.1	.1	.2	.1	.2	.2	.2
190.	.0	.1	.1	.1	.2	.1	.3	.2	.2
195.	.0	.1	.0	.1	.1	.1	.3	.2	.2
200.	.0	.1	.0	.1	.1	.0	.1	.3	.3
205.	.0	.0	.0	.1	.1	.0	.1	.1	.1

JOB: S2 B2PM30 FIELDS/SAMEIG

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.1	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
285.	.1	.0	.0	.0	.0	.0	.0	.0	.0
290.	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.2	.3	.4	.4	.3	.4	.3	.3
DEGR.	275	110	70	70	90	55	170	180	

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 330 DEGREES FROM REC20.

S2B230PM.OUT
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 135 DEGREES FROM REC10.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 70 DEGREES FROM REC11.

1

JOB: S2 B2PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:37:00.70

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 105	REC2 245	REC3 240	REC4 295	REC5 245	REC6 20	REC7 255	REC8 210	REC9 95	REC10 135	REC11 70	REC12 55	REC13 45	REC14 35	REC15 0	REC16 0	REC17 0	REC18 0	REC19 340	REC20 330
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
12	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
22	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.3	.2	.1	.0	.0	.1	.1	.1	.1
28	.0	.0	.0	.2	.1	.0	.1	.2	.3	.3	.4	.2	.1	.1	.0	.0	.1	.1	.1	.1
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.2	.3	.2	.0	.1	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S2 B2PM30 FIELDS/SAMEIG
DATE: 12/22/2006 TIME: 11:37:00.70

RUN: S2 B2PM FIELDS RD & SAM EIG

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 275	REC22 110	REC23 70	REC24 70	REC25 90	REC26 55	REC27 170	REC28 180
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.1	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.1	.1	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.1	.1	.0	.0
27	.0	.0	.1	.1	.1	.1	.1	.1
28	.0	.1	.1	.1	.1	.1	.2	.2
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.1	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0

35	*	.0	.0	.0	.0	.0	.0	.0	S2B230PM.OUT
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.0	.0	.0	.0	.0	.0	
39	*	.1	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

Site 3 MD 355 & Shady Grove

[illegible]

36		EB SHADY	RAG261811.530043.261974.530231.	98	2.7	0.	32	35.
2								
37		EB SHADY	RAG261927.530177.261826.530060.	0.	12	1		
130		103	3.0 98 29.1 1583 2 3					
1								
38		EB SHADY	AG261962.530246.262345.530699.	718	2.7	0.	56	35.
1								
39		EB SHADY	AG262345.530699.262607.531083.	718	2.7	0.	56	35.
1.0	04	1000 0Y	5 0 72					

JOB: S3 EX MD 355 & SHADY GROVE RD
DATE: 12/13/2006 TIME: 15:09:31.77

RUN: S3 EX MD 355 & SHADYGROVE RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 262800.0	529599.0	262489.0	529823.0	*	383.	306. AG	896.	2.7	.0	44.0	
2. 2	NB 355	* 262489.0	529823.0	262223.0	530048.0	*	348.	310. AG	896.	2.7	.0	56.0	
3. 3	NB 355	* 262223.0	530048.0	261958.0	530279.0	*	352.	311. AG	694.	2.7	.0	56.0	
4. 4	NB 355 THR*	262027.0	530219.0	262097.4	530157.5	*	93.	131. AG	133.	100.0	.0	36.0	.35 4.7
5. 5	NB 355 RT	* 262225.0	530068.0	261970.0	530290.0	*	338.	311. AG	94.	2.7	.0	32.0	
6. 6	NB 355 RT	* 262042.0	530227.0	262070.7	530202.0	*	38.	131. AG	44.	100.0	.0	12.0	.15 1.9
7. 7	NB 355 LT	* 262204.0	530043.0	261944.0	530265.0	*	342.	310. AG	108.	2.7	.0	32.0	
8. 8	NB 355 LT	* 262017.0	530202.0	262048.0	530175.6	*	41.	130. AG	41.	100.0	.0	12.0	.15 2.1
9. 9	NB 355	* 261958.0	530279.0	261295.0	530850.0	*	875.	311. AG	1796.	2.7	.0	56.0	
10. 10	NB 355	* 261295.0	530850.0	261191.0	530945.0	*	141.	312. AG	1796.	2.7	.0	56.0	
11. 11	SB 355	* 261162.0	530906.0	261707.0	530425.0	*	727.	131. AG	2683.	2.7	.0	56.0	
12. 12	SB 355 THR*	261707.0	530425.0	261920.0	530244.0	*	280.	130. AG	1997.	2.7	.0	56.0	
13. 13	SB 355 THR*	261847.0	530306.0	261654.4	530470.7	*	253.	311. AG	121.	100.0	.0	36.0	.90 12.9
14. 15	SB 355 LT	* 261727.0	530430.0	261933.0	530257.0	*	269.	130. AG	174.	2.7	.0	32.0	
15. 15	SB 355 LT	* 261856.0	530321.0	261813.8	530356.5	*	55.	310. AG	35.	100.0	.0	12.0	.19 2.8
16. 16	SB 355 RT	* 261706.0	530401.0	261907.0	530228.0	*	265.	131. AG	512.	2.7	.0	32.0	
17. 17	SB 355 RT	* 261832.0	530292.0	261690.2	530414.8	*	188.	311. AG	40.	100.0	.0	12.0	.74 9.5
18. 18	SB 355	* 261920.0	530244.0	262518.0	529740.0	*	782.	130. AG	2950.	2.7	.0	56.0	
19. 19	SB 355	* 262518.0	529740.0	262772.0	529555.0	*	314.	126. AG	2950.	2.7	.0	56.0	
20. 20	WB SHADY	* 262566.0	531113.0	262196.0	530600.0	*	633.	216. AG	2085.	2.7	.0	56.0	
21. 21	WB SHADY T*	262196.0	530600.0	261919.0	530277.0	*	425.	221. AG	961.	2.7	.0	56.0	
22. 22	WB SHADY T*	262012.0	530385.0	262112.0	530502.1	*	154.	40. AG	159.	100.0	.0	36.0	.64 7.8
23. 24	WB SHADY L*	262158.0	530529.0	261932.0	530267.0	*	346.	221. AG	855.	2.7	.0	32.0	
24. 24	WB SHADY L*	262024.0	530374.0	264827.1	533611.9	*	4283.	41. AG	53.	100.0	.0	12.0	1.80 217.6
25. 25	WB SHADY R*	262126.0	530548.0	261907.0	530288.0	*	340.	220. AG	269.	2.7	.0	32.0	
26. 26	WB SHADY R*	261990.0	530387.0	262073.5	530485.9	*	129.	40. AG	53.	100.0	.0	12.0	.57 6.6
27. 27	WB SHADY	* 261919.0	530277.0	261742.0	530095.0	*	254.	224. AG	1581.	2.7	.0	56.0	
28. 28	WB SHADY	* 261742.0	530095.0	261352.0	529655.0	*	588.	222. AG	1581.	2.7	.0	56.0	
29. 29	WB SHADY	* 261352.0	529655.0	261199.0	529541.0	*	191.	233. AG	1581.	2.7	.0	56.0	
30. 30	EB SHADY	* 261240.0	529495.0	261450.0	529664.0	*	270.	51. AG	1381.	2.7	.0	56.0	
31. 31	EB SHADY	* 261450.0	529664.0	261715.0	529974.0	*	408.	41. AG	1381.	2.7	.0	56.0	
32. 32	EB SHADY T*	261715.0	529974.0	261962.0	530246.0	*	367.	42. AG	450.	2.7	.0	44.0	
33. 33	EB SHADY T*	261912.0	530191.0	261814.7	530083.8	*	145.	222. AG	124.	100.0	.0	24.0	.90 7.4
34. 34	EB SHADY L*	261779.0	530073.0	261940.0	530259.0	*	246.	41. AG	833.	2.7	.0	44.0	
35. 35	EB SHADY L*	261891.0	530202.0	260558.2	528657.7	*	2040.	221. AG	124.	100.0	.0	24.0	1.72 103.6
36. 36	EB SHADY R*	261811.0	530043.0	261974.0	530231.0	*	249.	41. AG	98.	2.7	.0	32.0	
37. 37	EB SHADY R*	261927.0	530177.0	261890.9	530135.2	*	55.	221. AG	62.	100.0	.0	12.0	.37 2.8
38. 38	EB SHADY	* 261962.0	530246.0	262345.0	530699.0	*	593.	40. AG	718.	2.7	.0	56.0	
39. 39	EB SHADY	* 262345.0	530699.0	262607.0	531083.0	*	465.	34. AG	718.	2.7	.0	56.0	

JOB: S3 EX MD 355 & SHADY GROVE RD
DATE: 12/13/2006 TIME: 15:09:31.77

RUN: S3 EX MD 355 & SHADYGROVE RD

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB 355 THR*	130	74	4.0	694	1695	29.10	2	3
6. 6	NB 355 RT	* 130	74	4.0	94	1583	29.10	2	3
8. 8	NB 355 LT	* 130	69	4.0	108	1700	29.10	2	3
13. 13	SB 355 THR*	130	67	4.0	1997	1695	29.10	2	3
15. 15	SB 355 LT	* 130	58	4.0	174	1770	29.10	2	3
17. 17	SB 355 RT	* 130	67	4.0	512	1583	29.10	2	3
22. 22	WB SHADY T*	130	88	4.0	961	1800	29.10	3	3
24. 24	WB SHADY L*	130	88	4.0	855	1717	29.10	2	3
26. 26	WB SHADY R*	130	88	4.0	269	1717	29.10	2	3
33. 33	EB SHADY T*	130	103	3.0	450	1485	29.10	2	3
35. 35	EB SHADY L*	130	103	3.0	833	1434	29.10	2	3
37. 37	EB SHADY R*	130	103	3.0	98	1583	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	262358.0	530010.0	5.0	*
2. REC 2 164' SE CORNER	*	262175.0	530166.0	5.0	*
3. REC 3 82' SE CORNER	*	262109.0	530224.0	5.0	*
4. REC 4 SE CORNER	*	262071.0	530283.0	5.0	*
5. REC 5 82' ES CORNER	*	262097.0	530348.0	5.0	*
6. REC 6 164' ES CORNER	*	262160.0	530412.0	5.0	*
7. REC 6 400' ES CORNER	*	262308.0	530594.0	5.0	*
8. REC 8 400' EN CORNER	*	262201.0	530682.0	5.0	*
9. REC 9 164' EN CORNER	*	262056.0	530512.0	5.0	*
10. REC 10 82' EN CORNER	*	261993.0	530451.0	5.0	*
11. REC 11 NE CORNER	*	261933.0	530421.0	5.0	*
12. REC 17 NW CORNER	*	261795.0	530262.0	5.0	*
13. REC 18 82' WN CORNER	*	261773.0	530180.0	5.0	*
14. REC 19 164' WN CORNE	*	261714.0	530121.0	5.0	*
15. REC 20 400' WN CORNE	*	261560.0	529947.0	5.0	*
16. REC 21 400' WS CORNE	*	261671.0	529857.0	5.0	*
17. REC 22 164' WS CORNE	*	261834.0	530027.0	5.0	*
18. REC 23 82' WS CORNER	*	261888.0	530085.0	5.0	*
19. REC 24 SW CORNER	*	261948.0	530145.0	5.0	*
20. REC 25 82' SW CORNER	*	262021.0	530114.0	5.0	*
21. REC 26 164' SW CORNE	*	262088.0	530056.0	5.0	*
22. REC 27 400' SW CORNE	*	262281.0	529894.0	5.0	*

JOB: S3 EX MD 355 & SHADY GROVE RD

RUN: S3 EX MD 355 & SHADYGROVE RD

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.4	.2	.3	.0	.0	.0	.0	.5	.2	.1	.0	.4	.6	.6	.2	.5
5.	*	.0	.0	.1	.3	.3	.2	.3	.0	.0	.0	.0	.5	.2	.1	.0	.4	.5	.4	.2	.4
10.	*	.0	.0	.0	.3	.3	.3	.3	.0	.0	.0	.0	.5	.2	.1	.0	.4	.5	.4	.3	.4
15.	*	.0	.0	.0	.3	.3	.3	.3	.0	.0	.0	.0	.5	.2	.1	.0	.3	.3	.3	.3	.5
20.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.5	.2	.1	.0	.3	.3	.4	.3	.4
25.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.5	.2	.1	.0	.3	.3	.4	.4	.5
30.	*	.0	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.5	.2	.1	.0	.3	.2	.3	.4	.5
35.	*	.0	.0	.0	.1	.3	.2	.1	.1	.1	.0	.0	.4	.1	.0	.0	.2	.3	.2	.3	.4
40.	*	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.5	.3	.1	.1	.1	.1	.3	.2	.4	.4
45.	*	.0	.0	.0	.0	.1	.0	.1	.3	.2	.2	.2	.5	.4	.2	.2	.1	.1	.2	.3	.4
50.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.5	.4	.1	.2	.0	.1	.2	.3	.4
55.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.5	.3	.2	.2	.0	.1	.2	.3	.3
60.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.4	.1	.3	.4	.0	.1	.2	.3	.3
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.2	.3	.1	.4	.4	.0	.1	.2	.3	.3
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.2	.3	.5	.4	.0	.1	.2	.3	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.3	.4	.3	.0	.1	.1	.3	.2
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.4	.1	.4	.5	.3	.0	.1	.1	.3	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.4	.2	.4	.5	.3	.0	.1	.1	.3	.3
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.4	.3	.4	.5	.3	.0	.1	.1	.3	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.3	.3	.5	.5	.4	.0	.1	.1	.2	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.3	.3	.5	.5	.4	.0	.1	.1	.2	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.3	.4	.5	.5	.4	.0	.1	.1	.2	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.1	.2	.5	.5	.4	.0	.1	.1	.2	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.1	.3	.5	.4	.4	.0	.0	.1	.2	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.1	.5	.5	.3	.4	.0	.0	.1	.2	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.1	.4	.5	.3	.4	.0	.0	.0	.2	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.0	.4	.4	.4	.4	.0	.0	.0	.1	.3
135.	*	.0	.1	.1	.1	.0	.0	.0	.2	.5	.6	.1	.4	.4	.4	.4	.0	.0	.0	.1	.2
140.	*	.1	.1	.1	.1	.0	.0	.0	.2	.5	.6	.1	.3	.4	.3	.4	.0	.0	.0	.0	.1
145.	*	.2	.1	.1	.1	.1	.0	.0	.2	.5	.6	.1	.3	.4	.3	.4	.0	.0	.0	.0	.1
150.	*	.1	.1	.1	.1	.1	.0	.0	.2	.6	.5	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0
155.	*	.2	.1	.1	.2	.1	.0	.0	.2	.7	.5	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0
160.	*	.2	.1	.1	.2	.1	.1	.0	.2	.7	.5	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0
165.	*	.2	.1	.1	.2	.1	.1	.0	.2	.7	.6	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0
170.	*	.2	.1	.1	.2	.1	.1	.0	.2	.7	.4	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0
175.	*	.2	.1	.2	.3	.2	.1	.0	.2	.8	.4	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0
180.	*	.2	.1	.2	.3	.2	.1	.0	.2	.8	.4	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0
185.	*	.2	.1	.2	.3	.2	.1	.0	.2	.7	.2	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0
190.	*	.2	.1	.2	.3	.2	.1	.0	.2	.6	.2	.3	.3	.3	.4	.5	.0	.0	.0	.0	.0
195.	*	.2	.1	.3	.3	.2	.1	.0	.4	.5	.2	.5	.3	.4	.5	.4	.0	.0	.0	.0	.0
200.	*	.2	.1	.3	.3	.2	.2	.0	.4	.5	.1	.5	.3	.4	.5	.4	.0	.0	.0	.0	.0
205.	*	.2	.1	.3	.3	.2	.2	.0	.4	.5	.1	.5	.3	.4	.5	.4	.0	.0	.0	.0	.0

JOB: S3 EX MD 355 & SHADY GROVE RD

RUN: S3 EX MD 355 & SHADYGROVE RD

PAGE 4

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.3	.2	.3	.2	.0	.3	.4	.3	.4	.3	.4	.4	.4	.1	.1	.1	.0	.0
215.	*	.2	.1	.3	.3	.2	.2	.1	.3	.3	.3	.5	.3	.4	.4	.3	.1	.1	.1	.1	.0
220.	*	.2	.1	.4	.3	.2	.2	.1	.2	.1	.2	.4	.1	.3	.3	.2	.3	.2	.2	.1	.1
225.	*	.2	.2	.5	.5	.4	.1	.3	.2	.1	.2	.4	.1	.2	.2	.2	.3	.3	.2	.2	.1
230.	*	.2	.2	.5	.4	.5	.1	.3	.0	.1	.3	.3	.0	.2	.2	.0	.4	.3	.2	.2	.1
235.	*	.2	.2	.5	.4	.2	.2	.4	.0	.1	.2	.3	.0	.0	.0	.0	.4	.5	.3	.4	.1
240.	*	.3	.2	.5	.4	.2	.2	.3	.0	.1	.2	.3	.0	.0	.0	.0	.4	.4	.3	.4	.1
245.	*	.3	.2	.5	.3	.2	.1	.3	.0	.1	.2	.3	.0	.0	.0	.0	.5	.3	.3	.4	.1
250.	*	.3	.3	.5	.3	.1	.2	.3	.0	.1	.2	.3	.0	.0	.0	.0	.5	.3	.3	.4	.1
255.	*	.3	.3	.5	.3	.1	.2	.2	.0	.1	.2	.3	.0	.0	.0	.0	.4	.3	.3	.4	.1
260.	*	.3	.3	.6	.0	.3	.3	.2	.0	.1	.2	.3	.0	.0	.0	.0	.4	.3	.4	.5	.2
265.	*	.3	.4	.4	.1	.3	.4	.2	.0	.0	.2	.2	.0	.0	.0	.0	.4	.3	.3	.6	.2
270.	*	.3	.4	.2	.2	.3	.5	.2	.0	.0	.2	.2	.0	.0	.0	.0	.4	.3	.3	.6	.2
275.	*	.2	.3	.2	.3	.3	.4	.3	.0	.1	.3	.3	.0	.0	.0	.0	.4	.3	.3	.6	.2
280.	*	.1	.3	.2	.3	.3	.4	.3	.0	.1	.2	.3	.0	.0	.0	.0	.4	.3	.4	.6	.2
285.	*	.1	.3	.2	.3	.4	.4	.3	.0	.1	.2	.3	.0	.0	.0	.0	.4	.3	.4	.6	.2
290.	*	.1	.3	.3	.3	.4	.4	.3	.0	.0	.2	.2	.0	.0	.0	.0	.4	.3	.5	.6	.2
295.	*	.1	.3	.3	.3	.4	.3	.3	.0	.0	.2	.2	.0	.0	.0	.0	.4	.2	.5	.5	.2
300.	*	.1	.3	.3	.3	.4	.3	.3	.0	.0	.0	.2	.0	.0	.0	.0	.4	.2	.5	.5	.3
305.	*	.1	.2	.3	.2	.3	.4	.3	.0	.0	.0	.2	.1	.0	.0	.0	.4	.2	.5	.5	.4
310.	*	.0	.1	.1	.1	.4	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.5	.8	.5
315.	*	.0	.0	.1	.0	.4	.4	.3	.0	.0	.0	.0	.2	.0	.0	.0	.4	.2	.5	.8	.6
320.	*	.0	.0	.0	.0	.4	.3	.3	.0	.0	.0	.0	.3	.1	.0	.0	.4	.2	.6	.8	.5
325.	*	.0	.1	.1	.1	.4	.2	.3	.0	.0	.0	.0	.4	.1	.0	.0	.4	.3	.7	.6	.6
330.	*	.0	.1	.1	.1	.4	.2	.3	.0	.0	.0	.0	.6	.1	.1	.0	.4	.5	.7	.6	.4
335.	*	.0	.1	.1	.1	.4	.2	.3	.0	.0	.0	.0	.6	.2	.1	.0	.4	.5	.7	.4	.4
340.	*	.0	.1	.1	.1	.4	.3	.3	.0	.0	.0	.0	.5	.3	.1	.0	.4	.5	.8	.3	.3
345.	*	.0	.1	.1	.2	.4	.2	.3	.0	.0	.0	.0	.5	.2	.1	.0	.4	.5	.8	.3	.3
350.	*	.0	.1	.1	.2	.4	.2	.3	.0	.0	.0	.0	.5	.2	.2	.0	.4	.6	.7	.2	.3
355.	*	.0	.0	.1	.3	.4	.2	.3	.0	.0	.0	.0	.5	.3	.1	.0	.4	.6	.5	.3	.5
360.	*	.0	.0	.1	.3	.4	.2	.3	.0	.0	.0	.0	.5	.2	.1	.0	.4	.6	.6	.2	.5
MAX DEGR.	*	.3	.4	.6	.5	.5	.5	.4	.4	.8	.6	.5	.6	.5	.5	.5	.5	.6	.8	.8	.6

JOB: S3 EX MD 355 & SHADY GROVE RD

RUN: S3 EX MD 355 & SHADYGROVE RD
Page 2

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22
0.	.5	.3
5.	.3	.2
10.	.3	.2
15.	.3	.2
20.	.2	.2
25.	.2	.2
30.	.2	.2
35.	.2	.2
40.	.2	.2
45.	.2	.2
50.	.2	.2
55.	.2	.2
60.	.2	.2
65.	.2	.2
70.	.2	.2
75.	.2	.2
80.	.3	.3
85.	.3	.3
90.	.3	.3
95.	.3	.3
100.	.3	.3
105.	.3	.3
110.	.3	.3
115.	.4	.3
120.	.3	.4
125.	.3	.4
130.	.2	.3
135.	.2	.1
140.	.1	.1
145.	.1	.1
150.	.0	.0
155.	.0	.0
160.	.0	.0
165.	.0	.0
170.	.0	.0
175.	.0	.0
180.	.0	.0
185.	.0	.0
190.	.0	.0
195.	.0	.0
200.	.0	.0
205.	.0	.0

1

JOB: S3 EX MD 355 & SHADY GROVE RD

RUN: S3 EX MD 355 & SHADYGROVE RD

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22
210.	.0	.0
215.	.0	.0
220.	.0	.0
225.	.1	.0
230.	.1	.0
235.	.1	.0
240.	.1	.1
245.	.1	.1
250.	.1	.1
255.	.1	.1
260.	.1	.1
265.	.1	.1
270.	.1	.1
275.	.1	.1
280.	.2	.1
285.	.2	.0
290.	.2	.0
295.	.2	.1
300.	.3	.1
305.	.1	.2
310.	.3	.2
315.	.4	.3
320.	.5	.3
325.	.4	.4
330.	.4	.4
335.	.4	.3
340.	.4	.3
345.	.4	.3
350.	.5	.3
355.	.5	.3
360.	.5	.3

MAX DEGR.	0	120
MAX	.5	.4

THE HIGHEST CONCENTRATION IS .80 PPM AT 175 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 310 DEGREES FROM REC19.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 340 DEGREES FROM REC18.

1

JOB: S3 EX MD 355 & SHADY GROVE RD
 DATE: 12/13/2006 TIME: 15:09:31.77

RUN: S3 EX MD 355 & SHADYGROVE RD

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 240	REC2 265	REC3 260	REC4 225	REC5 230	REC6 270	REC7 235	REC8 195	REC9 175	REC10 75	REC11 195	REC12 330	REC13 95	REC14 70	REC15 190	REC16 245	REC17 0	REC18 340	REC19 310	REC20 315
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	
13	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.1	.1	.1	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.2	.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.0	.0	.1	.1	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.2	.2	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.1	.1	.1	.2	.2	.0	.1	.0	.0	.0	.1	.0	.2	.1	.2	.3	.2	.2	.1	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
38	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S3 EX MD 355 & SHADY GROVE RD
 DATE: 12/13/2006 TIME: 15:09:31.77

RUN: S3 EX MD 355 & SHADYGROVE RD

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 0	REC22 120
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.1	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.3	.3
19	*	.0	.1
20	*	.0	.0
21	*	.0	.0
22	*	.1	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0

3	EX	PM	355	&	SHADYGROVE	RD				39	1	1							
1	1		NB	355		AG262800.529599.262489.529823.							2706	2.7	0.	44.	35.		
2	1		NB	355		AG262489.529823.262223.530048.							2706	2.7	0.	56.	35.		
3	1		NB	355		AG262223.530048.261958.530279.							2042	2.7	0.	56.	35.		
4	2		NB	355	THRAG	262027.530219.262216.530054.							0.	36	3				
	1	130			75	4.0	2042	29.1	1695	2	3								
5	2		NB	355	RT	AG262225.530068.261970.530290.							431	2.7	0.	32.	35.		
6	2		NB	355	RT	AG262042.530227.262217.530075.							0.	12	1				
	1	130			75	4.0	431	29.1	1583	2	3								
7	1		NB	355	LT	AG262204.530043.261944.530265.							233	2.7	0.	32.	35.		
8	2		NB	355	LT	AG262017.530202.262200.530046.							0.	12	1				
	1	130			65	4.0	233	29.1	1770	2	3								
9	1		NB	355		AG261958.530279.261295.530850.							3221	2.7	0.	56.	35.		
10	1		NB	355		AG261295.530850.261191.530945.							3221	2.7	0.	56.	35.		
11	1		SB	355		AG261162.530906.261787.530425.							1213	2.7	0.	56.	35.		
12	2		SB	355	THRAG	261707.530425.261920.530244.							883	2.7	0.	56.	35.		
13	2		SB	355	THRAG	261847.530306.261778.530365.							0.	36	3				
	1	130			86	4.0	883	29.1	1695	2	3								
14	2		SB	355	LT	AG261727.530430.261933.530257.							165	2.7	0.	32	35.		
15	2		SB	355	LT	AG261856.530321.261787.530379.							0.	12	1				
	1	130			80	4.0	165	29.1	1770	2	3								
16	2		SB	355	RT	AG261706.530401.261907.530228.							165	2.7	0.	32	35.		
17	2		SB	355	RT	AG261832.530292.261765.530350.							0.	12	1				
	1	130			86	4.0	165	29.1	1583	2	3								
18	1		SB	355		AG261920.530244.262518.529740.							1606	2.7	0.	56	35.		
19	1		SB	355		AG262518.529740.262772.529555.							1606	2.7	0.	56	35.		
20	1		WB	SHADY		AG262566													

36		EB SHADY	RAG261811.530043.261974.530231.	549	2.7	0.	32	35.
2								
37		EB SHADY	RAG261927.530177.261826.530060.	0.	12	1		
130		86	3.0 549 29.1 1583 2 3					
1								
38		EB SHADY	AG261962.530246.262345.530699.	2070	2.7	0.	56	35.
1								
39		EB SHADY	AG262345.530699.262607.531083.	2070	2.7	0.	56	35.
1.0	04	1000 0Y	5 0 72					

JOB: S3 EX PM 355 & SHADY GROVE RD
DATE: 12/13/2006 TIME: 15:10:25.87

RUN: S3 EX PM 355 & SHADYGROVE RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 262800.0	529599.0	262489.0	529823.0	*	383.	306. AG	2706.	2.7	.0	44.0	
2. 2	NB 355	* 262489.0	529823.0	262223.0	530048.0	*	348.	310. AG	2706.	2.7	.0	56.0	
3. 3	NB 355	* 262223.0	530048.0	261958.0	530279.0	*	352.	311. AG	2042.	2.7	.0	56.0	
4. 4	NB 355 THR*	262027.0	530219.0	262616.5	529704.5	*	782.	131. AG	135. 100.0		.0	36.0	1.07 39.8
5. 5	NB 355 RT	* 262225.0	530068.0	261970.0	530290.0	*	338.	311. AG	431.	2.7	.0	32.0	
6. 6	NB 355 RT	* 262042.0	530227.0	262175.5	530111.1	*	177.	131. AG	45. 100.0		.0	12.0	.72 9.0
7. T	NB 355 LT	* 262204.0	530043.0	261944.0	530265.0	*	342.	310. AG	233.	2.7	.0	32.0	
8. 8	NB 355 LT	* 262017.0	530202.0	262080.0	530148.3	*	83.	130. AG	39. 100.0		.0	12.0	.29 4.2
9. 9	NB 355	* 261958.0	530279.0	261295.0	530850.0	*	875.	311. AG	3221.	2.7	.0	56.0	
10. 10	NB 355	* 261295.0	530850.0	261191.0	530945.0	*	141.	312. AG	3221.	2.7	.0	56.0	
11. 11	SB 355	* 261162.0	530906.0	261707.0	530425.0	*	727.	131. AG	1213.	2.7	.0	56.0	
12. 12	SB 355 THR*	261707.0	530425.0	261920.0	530244.0	*	280.	130. AG	883.	2.7	.0	56.0	
13. 13	SB 355 THR*	261847.0	530306.0	261741.9	530395.9	*	138.	311. AG	155. 100.0		.0	36.0	.59 7.0
14. 15	SB 355 LT	* 261727.0	530430.0	261933.0	530257.0	*	269.	130. AG	165.	2.7	.0	32.0	
15. 15	SB 355 LT	* 261856.0	530321.0	261800.7	530367.5	*	72.	310. AG	48. 100.0		.0	12.0	.28 3.7
16. 16	SB 355 RT	* 261706.0	530401.0	261907.0	530228.0	*	265.	131. AG	165.	2.7	.0	32.0	
17. 17	SB 355 RT	* 261832.0	530292.0	261773.4	530342.8	*	78.	311. AG	52. 100.0		.0	12.0	.36 3.9
18. 18	SB 355	* 261920.0	530244.0	262518.0	529740.0	*	782.	130. AG	1606.	2.7	.0	56.0	
19. 19	SB 355	* 262518.0	529740.0	262772.0	529555.0	*	314.	126. AG	1606.	2.7	.0	56.0	
20. 20	WB SHADY	* 262566.0	531113.0	262196.0	530600.0	*	633.	216. AG	1044.	2.7	.0	56.0	
21. 21	WB SHADY T*	262196.0	530600.0	261919.0	530277.0	*	425.	221. AG	410.	2.7	.0	56.0	
22. 22	WB SHADY T*	262012.0	530385.0	262058.8	530439.8	*	72.	40. AG	175. 100.0		.0	36.0	.39 3.7
23. 24	WB SHADY L*	262158.0	530529.0	261932.0	530267.0	*	346.	221. AG	224.	2.7	.0	32.0	
24. 24	WB SHADY L*	262024.0	530374.0	262101.8	530463.8	*	119.	41. AG	58. 100.0		.0	12.0	.63 6.0
25. 25	WB SHADY R*	262126.0	530548.0	261907.0	530288.0	*	340.	220. AG	335.	2.7	.0	32.0	
26. 26	WB SHADY R*	261990.0	530387.0	262189.8	530623.6	*	310.	40. AG	58. 100.0		.0	12.0	1.02 15.7
27. 27	WB SHADY	* 261919.0	530277.0	261742.0	530095.0	*	254.	224. AG	808.	2.7	.0	56.0	
28. 28	WB SHADY	* 261742.0	530095.0	261352.0	529655.0	*	588.	222. AG	808.	2.7	.0	56.0	
29. 29	WB SHADY	* 261352.0	529655.0	261199.0	529541.0	*	191.	233. AG	808.	2.7	.0	56.0	
30. 30	EB SHADY	* 261240.0	529495.0	261450.0	529664.0	*	270.	51. AG	2792.	2.7	.0	56.0	
31. 31	EB SHADY	* 261450.0	529664.0	261715.0	529974.0	*	408.	41. AG	2792.	2.7	.0	56.0	
32. 32	EB SHADY T*	261715.0	529974.0	261962.0	530246.0	*	367.	42. AG	1474.	2.7	.0	44.0	
33. 33	EB SHADY T*	261912.0	530191.0	259714.9	527770.6	*	3269.	222. AG	103. 100.0		.0	24.0	1.63 166.1
34. 34	EB SHADY L*	261779.0	530073.0	261940.0	530259.0	*	246.	41. AG	769.	2.7	.0	44.0	
35. 35	EB SHADY L*	261891.0	530202.0	261763.2	530054.0	*	196.	221. AG	103. 100.0		.0	24.0	.89 9.9
36. 36	EB SHADY R*	261811.0	530043.0	261974.0	530231.0	*	249.	41. AG	549.	2.7	.0	32.0	
37. 37	EB SHADY R*	261927.0	530177.0	261220.4	529358.8	*	1081.	221. AG	52. 100.0		.0	12.0	1.16 54.9
38. 38	EB SHADY	* 261962.0	530246.0	262345.0	530699.0	*	593.	40. AG	2070.	2.7	.0	56.0	
39. 39	EB SHADY	* 262345.0	530699.0	262607.0	531083.0	*	465.	34. AG	2070.	2.7	.0	56.0	

JOB: S3 EX PM 355 & SHADY GROVE RD
DATE: 12/13/2006 TIME: 15:10:25.87

RUN: S3 EX PM 355 & SHADYGROVE RD

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB 355 THR*	130	75	4.0	2042	1695	29.10	2	3
6. 6	NB 355 RT	130	75	4.0	431	1583	29.10	2	3
8. 8	NB 355 LT	130	65	4.0	233	1770	29.10	2	3
13. 13	SB 355 THR*	130	86	4.0	883	1695	29.10	2	3
15. 15	SB 355 LT	130	80	4.0	165	1770	29.10	2	3
17. 17	SB 355 RT	130	86	4.0	165	1583	29.10	2	3
22. 22	WB SHADY T*	130	97	4.0	410	1695	29.10	2	3
24. 24	WB SHADY L*	130	97	4.0	224	1717	29.10	2	3
26. 26	WB SHADY R*	130	97	4.0	335	1583	29.10	2	3
33. 33	EB SHADY T*	130	86	3.0	1474	1509	29.10	2	3
35. 35	EB SHADY L*	130	86	3.0	769	1434	29.10	2	3
37. 37	EB SHADY R*	130	86	3.0	549	1583	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	262358.0	530010.0	5.0	*
2. REC 2 164' SE CORNER	*	262175.0	530166.0	5.0	*
3. REC 3 82' SE CORNER	*	262109.0	530224.0	5.0	*
4. REC 4 SE CORNER	*	262071.0	530283.0	5.0	*
5. REC 5 82' ES CORNER	*	262097.0	530348.0	5.0	*
6. REC 6 164' ES CORNER	*	262160.0	530412.0	5.0	*
7. REC 6 400' ES CORNER	*	262308.0	530594.0	5.0	*
8. REC 8 400' EN CORNER	*	262201.0	530682.0	5.0	*
9. REC 9 164' EN CORNER	*	262056.0	530512.0	5.0	*
10. REC 10 82' EN CORNER	*	261993.0	530451.0	5.0	*
11. REC 11 NE CORNER	*	261933.0	530421.0	5.0	*
12. REC 17 NW CORNER	*	261795.0	530262.0	5.0	*
13. REC 18 82' WN CORNER	*	261773.0	530180.0	5.0	*
14. REC 19 164' WN CORNE	*	261714.0	530121.0	5.0	*
15. REC 20 400' WN CORNE	*	261560.0	529947.0	5.0	*
16. REC 21 400' WS CORNE	*	261671.0	529857.0	5.0	*
17. REC 22 164' WS CORNE	*	261834.0	530027.0	5.0	*
18. REC 23 82' WS CORNER	*	261888.0	530085.0	5.0	*
19. REC 24 SW CORNER	*	261948.0	530145.0	5.0	*
20. REC 25 82' SW CORNER	*	262021.0	530114.0	5.0	*
21. REC 26 164' SW CORNE	*	262088.0	530056.0	5.0	*
22. REC 27 400' SW CORNE	*	262281.0	529894.0	5.0	*

JOB: S3 EX PM 355 & SHADY GROVE RD

RUN: S3 EX PM 355 & SHADYGROVE RD

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.6	.2	.1	.0	.6	.9	.6	.3	.4
5.	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.5	.2	.2	.0	.6	.7	.5	.4	.4
10.	.0	.0	.1	.1	.2	.2	.4	.0	.0	.0	.0	.0	.5	.2	.2	.0	.6	.7	.4	.3	.4
15.	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.5	.2	.2	.0	.6	.7	.4	.3	.5
20.	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.5	.2	.2	.0	.8	.6	.4	.4	.5
25.	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.5	.2	.2	.0	.7	.6	.4	.3	.5
30.	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.4	.2	.2	.0	.7	.4	.1	.3	.4
35.	.0	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0	.4	.2	.2	.0	.7	.4	.1	.3	.4
40.	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.4	.1	.1	.0	.5	.2	.2	.4	.4
45.	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.3	.2	.1	.0	.2	.0	.4	.4	.4
50.	.0	.0	.0	.0	.1	.0	.0	.2	.1	.1	.0	.0	.2	.2	.2	.3	.2	.1	.3	.3	.4
55.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.3	.3	.2	.3	.1	.1	.1	.3	.3	.4
60.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.4	.2	.3	.4	.1	.1	.2	.3	.4	.4
65.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.3	.4	.1	.1	.3	.4	.4	.4
70.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.3	.2	.1	.3	.2	.1	.1	.3	.4	.4
75.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.3	.2	.2	.5	.4	.1	.1	.3	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.5	.5	.4	.1	.1	.3	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.2	.6	.5	.4	.1	.1	.2	.4	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.7	.5	.4	.1	.1	.2	.4	.5	.5
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.2	.7	.5	.4	.0	.1	.2	.4	.5	.5
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.4	.3	.6	.5	.3	.0	.1	.2	.4	.5	.5
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.4	.3	.6	.5	.3	.0	.1	.2	.4	.6	.6
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.3	.6	.5	.3	.0	.1	.2	.4	.6	.6
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.2	.4	.6	.4	.3	.0	.1	.1	.4	.5	.5
120.	.0	.0	.1	.0	.0	.0	.0	.2	.2	.6	.2	.2	.5	.3	.3	.0	.1	.4	.5	.5	.5
125.	.1	.1	.1	.1	.0	.0	.0	.2	.2	.6	.3	.4	.5	.3	.3	.0	.0	.0	.2	.5	.5
130.	.2	.3	.3	.1	.0	.0	.0	.2	.2	.6	.2	.4	.4	.3	.3	.0	.0	.0	.2	.2	.2
135.	.4	.3	.3	.3	.1	.0	.0	.2	.2	.7	.2	.2	.4	.3	.3	.0	.0	.0	.0	.2	.2
140.	.4	.4	.5	.3	.1	.0	.0	.2	.2	.7	.4	.2	.4	.3	.3	.0	.0	.0	.0	.1	.1
145.	.5	.5	.6	.6	.1	.1	.0	.2	.3	.7	.5	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
150.	.4	.6	.6	.5	.3	.1	.0	.2	.4	.6	.5	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
155.	.6	.6	.6	.6	.2	.1	.0	.2	.4	.6	.4	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
160.	.6	.6	.6	.6	.2	.1	.0	.2	.5	.6	.4	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
165.	.6	.6	.6	.6	.3	.1	.0	.3	.5	.6	.4	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
170.	.6	.5	.6	.5	.3	.1	.1	.3	.5	.5	.1	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
175.	.6	.5	.6	.5	.3	.1	.1	.3	.6	.5	.1	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
180.	.6	.5	.6	.5	.2	.1	.1	.3	.6	.4	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0
185.	.6	.5	.6	.5	.2	.1	.1	.4	.6	.1	.2	.2	.5	.3	.3	.0	.0	.0	.0	.0	.0
190.	.6	.6	.6	.4	.2	.1	.1	.3	.4	.0	.3	.2	.5	.4	.3	.0	.0	.0	.0	.0	.0
195.	.6	.6	.6	.4	.2	.1	.1	.2	.4	.2	.3	.1	.5	.5	.4	.0	.0	.0	.0	.0	.0
200.	.6	.6	.6	.4	.2	.1	.1	.2	.5	.2	.3	.2	.5	.5	.4	.0	.0	.0	.0	.0	.0
205.	.6	.6	.6	.4	.2	.1	.1	.2	.4	.3	.3	.2	.5	.4	.4	.0	.0	.0	.0	.0	.0

JOB: S3 EX PM 355 & SHADY GROVE RD

RUN: S3 EX PM 355 & SHADYGROVE RD

PAGE 4

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.6	.6	.6	.4	.3	.2	.1	.3	.4	.3	.3	.2	.4	.4	.3	.2	.1	.1	.1	.0	.0
215.	.6	.6	.6	.4	.3	.1	.2	.2	.4	.2	.3	.1	.4	.4	.3	.3	.3	.2	.2	.0	.0
220.	.5	.6	.7	.5	.5	.2	.2	.2	.2	.2	.3	.1	.2	.2	.2	.5	.4	.4	.4	.1	.1
225.	.6	.7	.7	.7	.6	.2	.3	.2	.2	.3	.3	.1	.1	.1	.1	.6	.4	.4	.4	.1	.1
230.	.6	.7	.8	.7	.6	.2	.3	.0	.2	.2	.2	.0	.1	.1	.1	.8	.5	.5	.5	.1	.1
235.	.7	.7	.8	.7	.4	.3	.2	.0	.2	.2	.2	.0	.0	.0	.0	.0	.7	.6	.6	.3	.3
240.	.7	.7	.8	.4	.3	.3	.2	.0	.2	.2	.2	.0	.0	.0	.0	.8	.5	.6	.5	.3	.3
245.	.7	.7	.7	.5	.3	.3	.2	.0	.2	.2	.2	.0	.0	.0	.0	.8	.5	.5	.5	.2	.2
250.	.7	.7	.8	.4	.3	.4	.3	.0	.1	.2	.2	.0	.0	.0	.0	.8	.5	.5	.5	.2	.2
255.	.7	.7	.8	.2	.3	.5	.3	.0	.1	.2	.2	.0	.0	.0	.0	.6	.5	.5	.5	.2	.2
260.	.7	.7	.7	.3	.4	.5	.3	.0	.1	.2	.2	.0	.0	.0	.0	.6	.4	.5	.5	.3	.3
265.	.6	.7	.5	.3	.4	.6	.3	.0	.1	.1	.3	.0	.0	.0	.0	.6	.4	.5	.5	.2	.2
270.	.6	.7	.2	.4	.4	.6	.2	.0	.1	.1	.3	.0	.0	.0	.0	.6	.4	.5	.5	.2	.2
275.	.6	.6	.2	.3	.4	.6	.2	.0	.1	.1	.2	.0	.0	.0	.0	.6	.4	.5	.5	.2	.2
280.	.5	.5	.3	.3	.4	.4	.2	.0	.1	.1	.2	.0	.0	.0	.0	.5	.4	.5	.5	.2	.2
285.	.6	.4	.4	.4	.4	.4	.2	.0	.1	.1	.2	.0	.0	.0	.0	.5	.5	.5	.5	.2	.2
290.	.6	.5	.4	.4	.4	.4	.1	.0	.1	.1	.2	.0	.0	.0	.0	.5	.5	.5	.5	.2	.2
295.	.6	.3	.4	.4	.4	.4	.1	.0	.0	.1	.2	.0	.0	.0	.0	.5	.5	.5	.5	.2	.2
300.	.4	.3	.4	.3	.5	.1	.2	.0	.0	.1	.1	.0	.0	.0	.0	.5	.5	.5	.5	.2	.2
305.	.4	.3	.3	.3	.6	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.5	.5	.5	.4	.2	.2
310.	.3	.1	.2	.2	.5	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.5	.5	.5	.6	.3	.3
315.	.1	.1	.2	.2	.5	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.5	.5	.5	.6	.3	.3
320.	.0	.1	.2	.2	.6	.1	.1	.0	.0	.0	.0	.2	.0	.0	.0	.5	.5	.6	.6	.3	.3
325.	.0	.0	.2	.2	.6	.1	.1	.0	.0	.0	.0	.3	.1	.0	.0	.5	.5	.6	.4	.3	.3
330.	.0	.0	.2	.2	.6	.1	.1	.0	.0	.0	.0	.2	.1	.0	.0	.5	.6	.7	.5	.3	.3
335.	.0	.1	.2	.2	.5	.1	.1	.0	.0	.0	.0	.2	.1	.1	.0	.5	.7	.7	.3	.4	.4
340.	.0	.1	.2	.2	.5	.1	.2	.0	.0	.0	.0	.3	.1	.1	.0	.5	.7	.7	.3	.4	.4
345.	.0	.1	.2	.2	.5	.2	.2	.0	.0	.0	.0	.3	.2	.1	.0	.6	.8	.7	.3	.5	.5
350.	.0	.1	.2	.2	.5	.2	.2	.0	.0	.0	.0	.4	.2	.1	.0	.6	.8	.7	.3	.4	.4
355.	.0	.1	.1	.2	.3	.2	.2	.0	.0	.0	.0	.6	.2	.1	.0	.6	.8	.7	.3	.4	.4
360.	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.6	.2	.1	.0	.6	.9	.6	.3	.4	.4
MAX DEGR.	.7	.7	.8	.7	.6	.6	.4	.4	.6	.7	.5	.6	.7	.5	.4	.8	.9	.7	.6	.6	.6

JOB: S3 EX PM 355 & SHADY GROVE RD

RUN: S3 EX PM 355 & SHADYGROVE RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22
0.	.5	.4	
5.	.5	.4	
10.	.5	.4	
15.	.4	.4	
20.	.4	.4	
25.	.4	.4	
30.	.4	.4	
35.	.4	.4	
40.	.4	.4	
45.	.4	.4	
50.	.4	.4	
55.	.4	.4	
60.	.4	.4	
65.	.4	.4	
70.	.4	.4	
75.	.4	.4	
80.	.4	.4	
85.	.4	.4	
90.	.6	.5	
95.	.6	.5	
100.	.5	.5	
105.	.5	.6	
110.	.5	.6	
115.	.5	.6	
120.	.5	.5	
125.	.5	.3	
130.	.2	.2	
135.	.2	.1	
140.	.1	.0	
145.	.0	.0	
150.	.0	.0	
155.	.0	.0	
160.	.0	.0	
165.	.0	.0	
170.	.0	.0	
175.	.0	.0	
180.	.0	.0	
185.	.0	.0	
190.	.0	.0	
195.	.0	.0	
200.	.0	.0	
205.	.0	.0	

1

JOB: S3 EX PM 355 & SHADY GROVE RD

RUN: S3 EX PM 355 & SHADYGROVE RD

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22
210.	.0	.0	
215.	.0	.0	
220.	.0	.0	
225.	.1	.0	
230.	.1	.0	
235.	.1	.0	
240.	.1	.1	
245.	.1	.1	
250.	.1	.1	
255.	.1	.1	
260.	.1	.0	
265.	.1	.0	
270.	.1	.0	
275.	.1	.0	
280.	.2	.0	
285.	.2	.0	
290.	.2	.0	
295.	.2	.0	
300.	.1	.1	
305.	.1	.1	
310.	.2	.3	
315.	.2	.5	
320.	.2	.5	
325.	.4	.5	
330.	.5	.5	
335.	.5	.6	
340.	.4	.6	
345.	.5	.5	
350.	.5	.5	
355.	.5	.4	
360.	.5	.4	

MAX * .6 .6

DEGR. * 90 105

THE HIGHEST CONCENTRATION IS .90 PPM AT 0 DEGREES FROM REC17.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 230 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 20 DEGREES FROM REC16.

1

JOB: S3 EX PM 355 & SHADY GROVE RD
 DATE: 12/13/2006 TIME: 15:10:25.87

RUN: S3 EX PM 355 & SHADYGROVE RD

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 235	REC2 225	REC3 230	REC4 225	REC5 225	REC6 265	REC7 10	REC8 185	REC9 175	REC10 135	REC11 145	REC12 0	REC13 90	REC14 75	REC15 60	REC16 20	REC17 0	REC18 330	REC19 235	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1
4	*	.3	.3	.3	.1	.0	.0	.0	.1	.1	.1	.2	.0	.1	.1	.0	.0	.0	.0	.0	.2
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1	.1	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.1	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0
32	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0
33	*	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.3	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
37	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0
38	*	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 EX PM 355 & SHADY GROVE RD
 DATE: 12/13/2006 TIME: 15:10:25.87

RUN: S3 EX PM 355 & SHADYGROVE RD

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 90	REC22 105
1	*	.0	.1
2	*	.1	.1
3	*	.1	.0
4	*	.2	.2
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.2	.2
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0

S3NB15AM.DAT

S3 NB 2015 AM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 NB2015 AM	34	1	1

1							
1	NB all	355	AG262726.529646.262368.529919.	1575	3.1	0. 68.	35.
2	NB T	355	AG262368.529919.261955.530285.	1325	3.1	0. 80.	35.
3	NBT	355	AG262013.530234.262123.530136.	0. 60.	5		
150		107	2.0 1325 33.4 1598 3 3				
29	NB	355 L	AG262351.529910.261995.530214.	250	3.1	0. 32.	35.
28	NB	355 L	AG262003.530207.262061.530158.	0. 24.	2		
150		131	2.0 250 33.4 1770 3 3				
30	NB	355 L	AG261995.530214.261936.530262.	250	3.1	0. 32.	35.
4	NB dp	355	AG261955.530285.261596.530602.	1275	3.1	0. 68.	35.
5	NB dp	355	AG261596.530602.261206.530930.	1275	3.1	0. 68.	35.
31	SB	355 L	AG261535.530602.261837.530345.	175	3.1	0. 32.	35.
28	SB	355 L	AG261833.530349.261743.530425.	0. 24.	2		
150		124	2.0 175 33.4 1770 3 3				
32	SB	355 L	AG261837.530345.261928.530269.	175	3.1	0. 32.	35.
6	SB MD	355	AG261171.530898.261465.530639.	2000	3.1	0. 68.	35.
7	SB MD	355	AG261465.530639.261918.530238.	2000	3.1	0. 68.	35.
8	SB	355	AG261808.530335.261691.530439.	0. 48.	4		
150		101	2.0 2000 33.4 1667 3 3				
9	SB dp	355	AG261918.530238.262329.529899.	4000	3.1	0. 56.	35.
10	SB dp	355	AG262329.529899.262697.529607.	4000	3.1	0. 56.	35.
11	EB SHD all	AG261274.529514.261463.529675.	2000	3.1	0. 68.	35.	
12	EB SHD all	AG261463.529675.261758.530009.	2000	3.1	0. 68.	35.	
13	EB SH T	GRAG261758.530009.261969.530256.	1900	3.1	0. 68.	35.	
14	EB SG T	AG261920.530199.261822.530084.	0. 48.	4			
150		111	2.0 1900 33.4 1367 3 3				
21	EB SHDY L	AG261699.529992.261934.530258.	100	3.1	0. 44.	35.	
22	EB SG L	AG261891.530209.261797.530102.	0. 24.	2			
150		111	2.0 100 33.4 1434 3 3				
15	EB SHDY dp	AG261969.530256.262204.530526.	1575	3.1	0. 56.	35.	
16	EB SHDY dp	AG262204.530526.262474.530885.	1575	3.1	0. 56.	35.	
17	EB SHDY dp	AG262474.530885.262575.531030.	1575	3.1	0. 56.	35.	
18	WB SHDYall	AG262529.531064.262224.530640.	2650	3.1	0. 56.	35.	
23	WB SG all	AG262224.530640.262090.530497.	2650	3.1	0. 68.	35.	
24	WB SGT	AG262090.530497.261906.530286.	1200	3.1	0. 80.	35.	
25	WB SG T	AG261962.530350.262066.530470.	0. 60.	5			
150		103	2.0 1200 33.4 1431 3 3				
27	WB SG L	AG262171.530532.261947.530269.	1450	3.1	0. 44.	35.	
28	WB SG L	AG261993.530323.262095.530442.	0. 24.	2			
150		103	2.0 1450 33.4 1345 3 3				
26	WB SG dp	AG261906.530286.261623.529966.	1525	3.1	0. 68.	35.	
19	WB SHD dp	AG261623.529966.261365.529670.	1525	3.1	0. 68.	35.	
20	WB SHD dp	AG261365.529670.261222.529563.	1525	3.1	0. 68.	35.	
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S3 NB 2015 AM
DATE: 12/24/2006 TIME: 21:58:27.75

RUN: S3 NB2015 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	1575.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	1325.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	262128.8	530130.9	* 155.	132. AG	320.	100.0	.0	60.0	.64 7.9
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	250.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	262075.1	530146.1	* 94.	130. AG	156.	100.0	.0	24.0	.71 4.8
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	250.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	1275.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	1275.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	175.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261788.0	530387.0	* 59.	310. AG	148.	100.0	.0	24.0	.34 3.0
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	175.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	2000.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	2000.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261520.6	530590.5	* 384.	312. AG	241.	100.0	.0	48.0	1.00 19.5
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	4000.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	4000.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	2000.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	2000.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	1900.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	260646.7	528705.2	* 1963.	220. AG	265.	100.0	.0	48.0	1.49 99.7
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	100.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261871.0	530186.2	* 30.	221. AG	133.	100.0	.0	24.0	.15 1.5
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	1575.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	1575.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	1575.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	2650.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	2650.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1200.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262050.5	530452.2	* 135.	41. AG	308.	100.0	.0	60.0	.59 6.9
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	1450.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	264553.3	533310.0	* 3934.	41. AG	123.	100.0	.0	24.0	1.88 199.9
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1525.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1525.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1525.	3.1	.0	68.0	

JOB: S3 NB 2015 AM
DATE: 12/24/2006 TIME: 21:58:27.75

RUN: S3 NB2015 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3.	3	NBT	355	150	107	2.0	1325	1598	33.40	3	3
5.	28	NB	355 L	150	131	2.0	250	1770	33.40	3	3
10.	28	SB	355 L	150	124	2.0	175	1770	33.40	3	3
14.	8	SB	355	150	101	2.0	2000	1667	33.40	3	3
20.	14	EB	SG T	150	111	2.0	1900	1367	33.40	3	3
22.	22	EB	SG L	150	111	2.0	100	1434	33.40	3	3
29.	25	WB	SG T	150	103	2.0	1200	1431	33.40	3	3
31.	28	WB	SG L	150	103	2.0	1450	1345	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR		X	COORDINATES (FT)	Z
			Y	
1.	REC 1 400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2 164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3 82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4 SE CORNER	262072.0	530268.0	5.0
5.	REC 4 SE CORNER	262098.0	530349.0	5.0
6.	REC 6 164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7 400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8 400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9 164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10 164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11 NE CORNER	261922.0	530419.0	5.0
12.	REC 12 NW CORNER	261794.0	530257.0	5.0
13.	REC 13 82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14 164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15 400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16 400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17 164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18 82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19 SW CORNER	261953.0	530146.0	5.0
20.	REC 20 82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21 164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22 400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 NB 2015 AM

RUN: S3 NB2015 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	1.2	.1	.2	.5	.6	.6	.6	.0	.0	.0	.0	.6	.4	.3	.1	1.2	1.2	1.2	.5	1.5
5.	1.2	.1	.3	.5	.6	.6	.6	.0	.0	.0	.0	.6	.3	.3	.1	1.2	1.1	1.2	.9	1.5
10.	1.2	.1	.1	.6	.6	.6	.7	.0	.0	.0	.0	.5	.4	.3	.1	1.2	1.1	1.0	1.0	1.5
15.	1.0	.1	.1	.5	.7	.7	.6	.0	.0	.0	.0	.5	.3	.3	.1	1.3	1.0	1.0	1.0	1.5
20.	1.2	.1	.2	.4	.8	.7	.6	.0	.0	.0	.0	.4	.3	.2	.1	1.3	1.1	.9	1.2	1.2
25.	1.1	.1	.1	.4	.9	.7	.6	.0	.0	.0	.0	.4	.2	.2	.1	1.3	1.1	1.0	1.0	1.3
30.	1.0	.1	.1	.4	.8	.6	.6	.2	.0	.0	.0	.4	.3	.3	.1	1.1	.9	1.0	1.2	1.3
35.	.9	.1	.1	.2	.6	.6	.5	.2	.2	.2	.1	.4	.4	.4	.3	1.0	.9	.8	1.0	1.3
40.	.8	.1	.1	.2	.4	.4	.3	.4	.3	.4	.2	.4	.4	.4	.3	.9	.7	.8	1.1	1.3
45.	.5	.0	.1	.1	.3	.3	.3	.4	.4	.4	.4	.6	.5	.4	.5	.6	.5	.6	1.0	1.2
50.	.6	.0	.0	.1	.1	.1	.1	.4	.4	.6	.4	.7	.6	.4	.5	.5	.6	.6	1.1	1.1
55.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.7	.5	.7	.5	.5	.7	.3	.4	.6	1.0	1.1
60.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.8	.6	.8	.7	.2	.4	.6	1.1	1.0
65.	.3	.0	.0	.0	.0	.0	.0	.6	.5	.6	.6	.7	.6	.7	.9	.1	.3	.6	1.1	.9
70.	.2	.0	.0	.0	.0	.0	.0	.5	.5	.8	.7	.7	.6	.7	.9	.1	.2	.6	1.1	.9
75.	.2	.0	.0	.0	.0	.0	.0	.5	.5	.9	.8	.6	.6	.8	.9	.1	.2	.5	1.1	.8
80.	.2	.0	.0	.0	.0	.0	.0	.5	.4	.9	.8	.4	.8	.8	.7	.0	.2	.4	1.0	.7
85.	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.9	.4	.9	.9	.7	.0	.1	.3	.9	.7
90.	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.9	.4	1.0	.9	.6	.0	.1	.3	.9	.7
95.	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.1	1.0	.7	1.0	.8	.6	.0	.1	.3	.9	.7
100.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	1.0	.8	.7	.6	.0	.1	.2	.8	.6
105.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	1.0	.8	.7	.5	.0	.2	.1	.7	.6
110.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	1.0	.8	.7	.5	.0	.1	.2	.6	.6
115.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	1.1	.7	.6	.5	.0	.1	.2	.7	.7
120.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	.8	.7	.6	.5	.0	.0	.2	.4	.7
125.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.2	1.0	.8	.7	.6	.5	.0	.0	.1	.4	.5
130.	.0	.1	.1	.0	.0	.0	.0	.5	.4	1.3	1.0	.7	.6	.6	.5	.0	.0	.0	.3	.5
135.	.0	.2	.2	.4	.0	.0	.0	.5	.4	1.3	1.2	.7	.6	.6	.5	.0	.0	.0	.1	.4
140.	.0	.3	.3	.4	.1	.0	.0	.5	.4	1.2	1.2	.5	.6	.6	.5	.0	.0	.0	.1	.2
145.	.0	.3	.4	.5	.1	.0	.0	.5	.5	1.3	1.2	.5	.6	.6	.5	.0	.0	.0	.0	.1
150.	.0	.3	.4	.6	.2	.1	.0	.5	.5	1.5	1.0	.5	.6	.6	.5	.0	.0	.0	.0	.1
155.	.0	.3	.5	.7	.3	.1	.0	.5	.8	1.5	1.0	.5	.6	.5	.5	.0	.0	.0	.0	.0
160.	.0	.3	.5	.8	.3	.1	.0	.5	.9	1.6	.9	.5	.6	.6	.6	.0	.0	.0	.0	.0
165.	.0	.3	.6	.9	.3	.1	.0	.5	1.0	1.7	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0
170.	.0	.3	.7	1.0	.4	.1	.0	.5	1.1	1.7	.6	.5	.6	.6	.6	.0	.0	.0	.0	.0
175.	.0	.3	.8	1.1	.5	.2	.0	.4	1.2	1.3	.5	.5	.7	.7	.7	.0	.0	.0	.0	.0
180.	.0	.3	.8	1.1	.5	.2	.0	.5	1.2	1.3	.6	.6	.7	.7	.7	.0	.0	.0	.0	.0
185.	.0	.3	.9	1.1	.6	.3	.0	.7	1.3	1.1	.7	.6	.7	.7	.7	.0	.0	.0	.0	.0
190.	.0	.3	.9	1.2	.6	.3	.1	.7	1.2	1.1	.7	.5	.7	.7	.7	.0	.0	.0	.0	.0
195.	.0	.3	.9	1.2	.6	.3	.2	.9	1.3	1.0	.7	.6	.8	.8	.7	.0	.0	.0	.0	.0
200.	.1	.3	1.0	1.2	.6	.4	.2	1.0	1.1	.9	.8	.6	.8	.8	.7	.1	.1	.1	.0	.0
205.	.1	.3	1.1	1.2	.7	.5	.3	.9	.9	1.0	.7	.6	.8	.9	.6	.1	.1	.1	.1	.0

1

JOB: S3 NB 2015 AM

RUN: S3 NB2015 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.3	.3	1.2	1.2	.8	.6	.3	.7	.8	.9	.7	.6	.7	.8	.6	.3	.3	.3	.2	.0
215.	.6	.5	1.2	1.4	.9	.7	.5	.5	.7	.8	.6	.4	.7	.6	.5	.6	.6	.5	.3	.1
220.	.8	.5	1.3	1.4	1.0	.7	.7	.5	.5	.7	.4	.2	.4	.5	.3	.8	.7	.8	.6	.2
225.	.9	.7	1.5	1.6	1.0	.8	.7	.3	.4	.4	.4	.1	.3	.4	.2	.9	.9	1.0	.8	.3
230.	1.2	.8	1.6	1.5	.8	.9	.8	.3	.3	.4	.5	.1	.2	.2	.2	1.1	1.2	1.1	.9	.3
235.	1.3	1.0	1.6	1.4	.7	.7	.8	.1	.1	.3	.4	.0	.0	.0	.0	1.2	1.2	1.1	1.0	.5
240.	1.3	1.0	1.7	1.2	.8	.6	.8	.1	.1	.4	.5	.0	.0	.0	.0	1.2	1.3	1.2	1.0	.5
245.	1.1	1.1	1.7	1.0	.6	.8	.6	.1	.1	.5	.5	.0	.0	.0	.0	1.2	1.1	1.2	.9	.5
250.	1.0	1.3	1.6	.8	.6	.9	.7	.1	.2	.5	.5	.0	.0	.0	.0	1.2	1.0	1.1	1.0	.4
255.	1.0	1.3	1.6	.6	.6	1.0	.7	.1	.2	.4	.6	.0	.0	.0	.0	1.1	1.0	1.1	1.0	.4
260.	1.1	1.4	1.4	.7	.8	1.1	.6	.1	.2	.4	.6	.0	.0	.0	.0	1.1	1.1	1.1	.9	.4
265.	.9	1.4	1.4	.7	1.0	1.1	.6	.0	.2	.4	.5	.0	.0	.0	.0	1.1	1.0	1.0	.9	.4
270.	.9	1.4	1.1	.3	1.2	1.1	.5	.0	.1	.4	.5	.0	.0	.0	.0	1.0	.9	1.0	.8	.4
275.	.9	1.3	1.0	.4	1.2	1.0	.4	.0	.1	.4	.5	.0	.0	.0	.0	1.0	.9	1.0	.8	.4
280.	.9	1.1	.9	.6	1.3	.9	.4	.0	.1	.4	.5	.0	.0	.0	.0	1.0	.9	1.0	.8	.4
285.	.9	1.2	.8	.7	1.3	.9	.4	.0	.1	.3	.5	.0	.0	.0	.0	1.0	.9	.9	.8	.4
290.	.8	1.1	.6	.6	1.2	.8	.4	.0	.0	.1	.4	.0	.0	.0	.0	1.0	.8	.8	.9	.5
295.	.8	1.0	.7	.7	1.1	.7	.5	.0	.0	.1	.4	.0	.0	.0	.0	1.0	.8	.8	.8	.5
300.	.9	.7	.8	.8	1.1	.6	.5	.0	.0	.0	.2	.0	.0	.0	.0	1.0	.9	.9	.9	.5
305.	.9	.7	.6	.8	1.0	.6	.4	.0	.0	.0	.1	.1	.0	.0	.0	1.0	.9	.9	1.0	.7
310.	1.0	.4	.4	.7	.9	.4	.4	.0	.0	.0	.0	.3	.0	.0	.0	1.0	.9	1.0	1.1	.9
315.	.9	.3	.5	.6	.9	.4	.4	.0	.0	.0	.0	.4	.0	.0	.0	1.0	.9	1.0	1.0	.8
320.	1.0	.3	.4	.6	.9	.5	.4	.0	.0	.0	.0	.5	.1	.0	.0	1.0	.9	1.2	1.2	.9
325.	1.0	.3	.4	.6	.9	.5	.4	.0	.0	.0	.0	.5	.1	.0	.0	1.0	.9	1.1	1.1	.8
330.	.9	.2	.4	.8	.8	.5	.4	.0	.0	.0	.0	.7	.3	.1	.0	.9	.9	1.1	1.0	1.0
335.	1.3	.2	.4	.8	.7	.5	.4	.0	.0	.0	.0	.7	.3	.1	.0	.9	1.3	1.2	.8	.8
340.	1.3	.2	.4	.6	.7	.5	.4	.0	.0	.0	.0	.8	.4	.1	.0	.9	1.3	1.3	.7	.9
345.	1.3	.2	.3	.7	.6	.5	.4	.0	.0	.0	.0	.8	.4	.3	.0	1.0	1.3	1.2	.7	1.0
350.	1.2	.1	.3	.6	.6	.6	.5	.0	.0	.0	.0	.8	.4	.3	.0	1.1	1.2	1.3	.6	1.3
355.	1.2	.1	.3	.6	.7	.6	.5	.0	.0	.0	.0	.7	.4	.3	.1	1.2	1.2	1.3	.5	1.5
360.	1.2	.1	.2	.5	.6	.6	.6	.0	.0	.0	.0	.6	.4	.3	.1	1.2	1.2	1.2	.5	1.5
MAX	1.3	1.4	1.7	1.6	1.3	1.1	.8	1.0	1.3	1.7	1.2	1.1	1.0	.9	.9	1.3	1.3	1.3	1.2	1.5
DEGR.	240	260	240	225	280	260	230	200	185	165	135	115	90	85	65	15	240	340	30	0

1

JOB: S3 NB 2015 AM

RUN: S3 NB2015 AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.3 .6
 5. * 1.3 .6
10. * 1.1 .6
15. * 1.1 .5
20. * .9 .5
25. * .9 .5
30. * .9 .6
35. * .9 .5
40. * .8 .5
45. * .6 .5
50. * .6 .4
55. * .4 .4
60. * .4 .4
65. * .5 .4
70. * .5 .5
75. * .5 .5
80. * .5 .5
85. * .5 .5
90. * .5 .5
95. * .6 .6
100. * .6 .7
105. * .6 .7
110. * .7 .6
115. * .7 .6
120. * .6 .7
125. * .5 .5
130. * .4 .3
135. * .3 .3
140. * .2 .2
145. * .1 .1
150. * .1 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 NB 2015 AM

RUN: S3 NB2015 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .0
225. * .2 .1
230. * .2 .1
235. * .3 .1
240. * .3 .2
245. * .3 .2
250. * .3 .2
255. * .3 .2
260. * .3 .2
265. * .3 .2
270. * .2 .2
275. * .3 .2
280. * .3 .2
285. * .3 .1
290. * .4 .2
295. * .4 .2
300. * .5 .3
305. * .7 .4
310. * .7 .6
315. * .7 .7
320. * .9 .9
325. * .9 1.0
330. * 1.1 .9
335. * 1.2 .9
340. * 1.3 .9
345. * 1.3 .9
350. * 1.4 .7
355. * 1.3 .6
360. * 1.3 .6
-----*-----
MAX * 1.4 1.0
DEGR. * 350 325

```

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 240 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.70 PPM AT 165 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 225 DEGREES FROM REC4 .

1

JOB: S3 NB 2015 AM

DATE: 12/24/2006 TIME: 21:58:27.75

RUN: S3 NB2015 AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3NB15AM.OUT

		ANGLE (DEGREES)																			
LINK	#	REC1 240	REC2 260	REC3 240	REC4 225	REC5 280	REC6 260	REC7 230	REC8 200	REC9 185	REC10 165	REC11 135	REC12 115	REC13 90	REC14 85	REC15 65	REC16 15	REC17 240	REC18 340	REC19 30	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1
3	*	.0	.7	.7	.6	.0	.0	.0	.1	.1	.2	.1	.2	.2	.1	.1	.0	.0	.0	.2	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.2	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14	*	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
15	*	.0	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.3	.4
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
19	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.2	.0	.0
20	*	.9	.2	.4	.5	.0	.0	.2	.1	.1	.0	.0	.2	.3	.4	.4	.9	.9	.7	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.4	.4	.1	.1	.6	.8	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2
30	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
31	*	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.1	.0	.0
33	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 NB 2015 AM
DATE: 12/24/2006 TIME: 21:58:27.75

RUN: S3 NB2015 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)	
		REC21	REC22
LINK #	*	350	325
1	*	.0	.0
2	*	.1	.1
3	*	.5	.2
4	*	.0	.0
5	*	.2	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.1
15	*	.4	.5
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.1	.1
30	*	.0	.0
31	*	.1	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0

S3NB15PM.DAT

S3 NB 2015 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 NB2015 PM 34 1 1

1							
1		NB all	355	AG262726.529646.262368.529919.	4025	3.1	0. 68. 35.
2		NB T	355	AG262368.529919.261955.530285.	3675	3.1	0. 80. 35.
3		NBT	355	AG262013.530234.262123.530136.	0.	72.	6
150			103	2.0 3675 33.4 1598 3 3			
29		NB	355	L AG262351.529910.261995.530214.	350	3.1	0. 32. 35.
28		NB	355	L AG262003.530207.262061.530158.	0.	24.	2
150			143	2.0 350 33.4 1770 3 3			
30		NB	355	L AG261995.530214.261936.530262.	350	3.1	0. 32. 35.
4		NB dp	355	AG261955.530285.261596.530602.	3875	3.1	0. 68. 35.
5		NB dp	355	AG261596.530602.261206.530930.	3875	3.1	0. 68. 35.
31		SB	355	L AG261535.530602.261837.530345.	125	3.1	0. 32. 35.
28		SB	355	L AG261833.530349.261743.530425.	0.	24.	2
150			133	2.0 125 33.4 1770 3 3			
32		SB	355	L AG261837.530345.261928.530269.	125	3.1	0. 32. 35.
6		SB MD	355	AG261171.530898.261465.530639.	925	3.1	0. 68. 35.
7		SB MD	355	AG261465.530639.261918.530238.	925	3.1	0. 68. 35.
8		SB	355	AG261808.530335.261691.530439.	0.	48.	4
150			103	2.0 925 33.4 1667 3 3			
9		SB dp	355	AG261918.530238.262329.529899.	2575	3.1	0. 56. 35.
10		SB dp	355	AG262329.529899.262697.529607.	2575	3.1	0. 56. 35.
11		EB SHD all	AG261274.529514.261463.529675.	3625	3.1	0. 68. 35.	
12		EB SHD all	AG261463.529675.261758.530009.	3625	3.1	0. 68. 35.	
13		EB SH T	GRAG261758.530009.261969.530256.	3075	3.1	0. 68. 35.	
14		EB SG T	AG261920.530199.261822.530084.	0.	48.	4	
150			96	2.0 3075 33.4 1373 3 3			
21		EB SHDY L	AG261699.529992.261934.530258.	550	3.1	0. 44. 35.	
22		EB SG L	AG261891.530209.261797.530102.	0.	24.	2	
150			96	2.0 550 33.4 1434 3 3			
15		EB SHDY dp	AG261969.530256.262204.530526.	2925	3.1	0. 56. 35.	
16		EB SHDY dp	AG262204.530526.262474.530885.	2925	3.1	0. 56. 35.	
17		EB SHDY dp	AG262474.530885.262575.531030.	2925	3.1	0. 56. 35.	
18		WB SHDYall	AG262529.531064.262224.530640.	1225	3.1	0. 56. 35.	
23		WB SG all	AG262224.530640.262090.530497.	1225	3.1	0. 68. 35.	
24		WB SGT	AG262090.530497.261906.530286.	1000	3.1	0. 80. 35.	
25		WB SG T	AG261962.530350.262066.530470.	0.	60.	5	
150			120	2.0 1000 33.4 1432 3 3			
27		WB SG L	AG262171.530532.261947.530269.	575	3.1	0. 44. 35.	
28		WB SG L	AG261993.530323.262095.530442.	0.	24.	2	
150			120	2.0 575 33.4 1345 3 3			
26		WB SG dp	AG261906.530286.261623.529966.	925	3.1	0. 68. 35.	
19		WB SHD dp	AG261623.529966.261365.529670.	925	3.1	0. 68. 35.	
20		WB SHD dp	AG261365.529670.261222.529563.	925	3.1	0. 68. 35.	
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: S3 NB 2015 PM
DATE: 12/24/2006 TIME: 22:05:12.34

RUN: S3 NB2015 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	4025.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	3675.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	263505.6	528904.2	* 1999.	132. AG	369. 100.0	.0	72.0	1.34	101.6
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	350.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	263270.6	529136.0	* 1659.	130. AG	171. 100.0	.0	24.0	5.00	84.3
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	350.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	3875.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	3875.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	125.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261798.6	530378.1	* 45.	310. AG	159. 100.0	.0	24.0	.41	2.3
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	125.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	925.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	925.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261710.8	530421.4	* 130.	312. AG	246. 100.0	.0	48.0	.48	6.6
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	2575.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	2575.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	3625.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	3625.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	3075.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259559.7	527430.0	* 3638.	220. AG	229. 100.0	.0	48.0	1.68	184.8
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	550.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261795.7	530100.5	* 144.	221. AG	115. 100.0	.0	24.0	.58	7.3
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2925.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2925.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2925.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	1225.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	1225.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1000.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262056.5	530459.1	* 144.	41. AG	358. 100.0	.0	60.0	.81	7.3
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	575.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	262520.9	530938.9	* 811.	41. AG	143. 100.0	.0	24.0	1.23	41.2
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	925.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	925.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	925.	3.1	.0	68.0	

JOB: S3 NB 2015 PM
DATE: 12/24/2006 TIME: 22:05:12.34

RUN: S3 NB2015 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3.	3	NBT	355	150	103	2.0	3675	1598	33.40	3	3
5.	28	NB	355 L	150	143	2.0	350	1770	33.40	3	3
10.	28	SB	355 L	150	133	2.0	125	1770	33.40	3	3
14.	8	SB	355	150	103	2.0	925	1667	33.40	3	3
20.	14	EB	SG T	150	96	2.0	3075	1373	33.40	3	3
22.	22	EB	SG L	150	96	2.0	550	1434	33.40	3	3
29.	25	WB	SG T	150	120	2.0	1000	1432	33.40	3	3
31.	28	WB	SG L	150	120	2.0	575	1345	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR		X	COORDINATES (FT)	Z
			Y	
1.	REC 1 400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2 164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3 82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4 SE CORNER	262072.0	530268.0	5.0
5.	REC 4 SE CORNER	262098.0	530349.0	5.0
6.	REC 6 164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7 400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8 400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9 164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10 164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11 NE CORNER	261922.0	530419.0	5.0
12.	REC 12 NW CORNER	261794.0	530257.0	5.0
13.	REC 13 82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14 164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15 400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16 400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17 164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18 82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19 SW CORNER	261953.0	530146.0	5.0
20.	REC 20 82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21 164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22 400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 NB 2015 PM

RUN: S3 NB2015 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.3	.2	.3	.6	.7	.7	.7	.0	.0	.0	.0	.7	.3	.2	.0	1.0	1.3	1.2	.9	1.6
5.	1.3	.1	.2	.5	.6	.7	.7	.0	.0	.0	.0	.7	.3	.2	.0	1.1	1.2	1.1	1.0	1.8
10.	1.2	.2	.2	.5	.6	.8	.7	.0	.0	.0	.0	.6	.3	.2	.0	1.2	1.2	1.1	1.0	1.6
15.	1.2	.2	.3	.4	.6	.7	.7	.0	.0	.0	.0	.6	.2	.2	.1	1.2	1.2	1.3	1.0	1.6
20.	1.3	.2	.3	.5	.7	.7	.8	.0	.0	.0	.0	.5	.2	.2	.2	1.2	1.3	1.4	1.2	1.5
25.	1.2	.1	.2	.4	.7	.7	.6	.0	.0	.0	.0	.5	.2	.2	.2	1.2	1.2	1.2	1.3	1.6
30.	1.3	.0	.2	.4	.7	.6	.5	.0	.0	.0	.0	.5	.2	.3	.2	1.2	1.3	1.1	1.2	1.4
35.	1.1	.0	.1	.3	.5	.6	.4	.1	.0	.0	.0	.4	.3	.4	.1	1.1	1.1	.9	1.3	1.5
40.	1.0	.0	.0	.3	.5	.3	.3	.2	.1	.1	.1	.5	.5	.4	.3	.8	1.0	1.0	1.1	1.4
45.	.9	.0	.0	.1	.3	.3	.2	.2	.2	.3	.1	.6	.6	.5	.4	.8	.9	.8	1.1	1.4
50.	.7	.0	.0	.0	.3	.2	.1	.3	.3	.5	.3	.7	.6	.5	.5	.7	.7	.6	1.1	1.4
55.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.7	.4	1.0	.6	.7	.6	.5	.5	.6	1.1	1.4
60.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.8	.5	1.0	.5	.9	.7	.4	.6	.6	1.2	1.4
65.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.9	.7	.6	.7	.8	.9	.4	.6	.7	1.2	1.4
70.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.9	.9	.6	.7	.8	1.0	.4	.6	.7	1.2	1.4
75.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.9	.9	.6	.9	1.1	1.0	.3	.6	.7	1.2	1.5
80.	.6	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.7	.9	1.2	.9	.3	.6	.8	1.2	1.5
85.	.6	.0	.0	.0	.0	.0	.0	.4	.5	1.1	1.0	.7	1.1	1.3	.9	.3	.6	.8	1.3	1.5
90.	.6	.0	.0	.0	.0	.0	.0	.4	.4	1.1	1.1	.8	1.1	1.3	.9	.3	.6	.8	1.3	1.5
95.	.6	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.1	.8	1.3	1.2	.9	.3	.6	.8	1.4	1.6
100.	.6	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.1	.9	1.5	1.2	.9	.3	.6	.8	1.4	1.6
105.	.6	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.1	1.1	1.5	1.2	.9	.3	.6	.9	1.5	1.6
110.	.6	.1	.1	.0	.0	.0	.0	.4	.3	1.2	1.1	1.3	1.5	.9	.9	.3	.6	1.0	1.5	2.0
115.	.4	.1	.1	.1	.0	.0	.0	.4	.4	1.2	1.1	1.6	1.5	.9	.8	.2	.4	1.0	1.6	2.0
120.	.4	.4	.4	.3	.1	.0	.0	.4	.4	1.3	1.1	1.5	1.4	.9	.7	.1	.4	.7	1.4	1.9
125.	.3	.8	.8	.6	.1	.1	.0	.4	.5	1.5	1.4	1.4	1.1	.8	.7	.1	.3	.4	1.3	1.7
130.	.1	1.2	1.1	1.1	.4	.1	.0	.4	.5	1.7	1.6	1.3	1.0	.6	.6	.0	.1	.3	1.0	1.3
135.	.1	1.7	1.5	1.4	.6	.3	.0	.5	.8	1.9	2.0	1.1	.7	.6	.6	.0	.1	.1	.5	.8
140.	.0	2.0	2.0	1.8	.9	.4	.1	.5	.9	2.1	2.0	.8	.7	.5	.6	.0	.0	.1	.3	.4
145.	.0	2.2	2.1	1.9	1.0	.6	.1	.6	1.1	2.1	1.9	.7	.6	.5	.6	.0	.0	.0	.1	.2
150.	.0	2.2	1.9	1.9	1.0	.6	.3	.6	1.3	2.2	1.7	.6	.6	.6	.6	.0	.0	.0	.0	.0
155.	.0	1.9	1.9	1.8	1.0	.7	.3	.7	1.4	2.3	1.5	.6	.6	.6	.6	.0	.0	.0	.0	.0
160.	.0	1.9	1.8	1.7	1.1	.6	.3	.7	1.5	2.2	1.2	.6	.6	.6	.6	.0	.0	.0	.0	.0
165.	.0	1.8	1.8	1.7	1.1	.6	.3	.7	1.6	2.0	1.0	.6	.6	.6	.6	.0	.0	.0	.0	.0
170.	.0	1.7	1.7	1.6	1.0	.7	.3	.7	1.6	1.8	.9	.6	.5	.5	.6	.0	.0	.0	.0	.0
175.	.0	1.7	1.6	1.5	1.0	.7	.3	.9	1.7	1.7	.9	.6	.6	.6	.6	.0	.0	.0	.0	.0
180.	.0	1.6	1.5	1.5	1.0	.7	.3	.9	1.6	1.7	.6	.6	.7	.7	.6	.0	.0	.0	.0	.0
185.	.0	1.5	1.5	1.5	.9	.7	.4	.8	1.5	1.6	.5	.7	.7	.7	.6	.0	.0	.0	.0	.0
190.	.0	1.5	1.5	1.4	.8	.6	.4	.8	1.5	1.4	.6	.6	.7	.7	.6	.0	.0	.0	.0	.0
195.	.0	1.5	1.5	1.4	.7	.6	.4	.8	1.4	1.1	.7	.6	.6	.7	.7	.0	.0	.0	.0	.0
200.	.1	1.4	1.4	1.3	.7	.6	.4	.8	1.4	1.1	.8	.6	.7	.7	.7	.1	.1	.1	.0	.0
205.	.1	1.4	1.4	1.4	.8	.7	.5	.8	1.2	.9	.6	.7	.7	.7	.7	.1	.1	.1	.1	.0

1

JOB: S3 NB 2015 PM

RUN: S3 NB2015 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	1.4	1.5	1.4	1.0	.8	.6	.8	1.1	1.0	.6	.6	.6	.6	.6	.4	.4	.4	.2	.1
215.	.5	1.6	1.5	1.6	1.1	1.0	.7	.7	.9	.9	.6	.4	.6	.6	.6	.6	.5	.6	.4	.1
220.	.8	1.6	1.6	1.8	1.1	.9	.7	.6	.6	.6	.4	.2	.5	.5	.4	.9	.8	.8	.7	.2
225.	1.2	1.7	1.8	1.9	1.1	1.0	1.0	.4	.5	.4	.5	.2	.3	.3	.3	1.1	1.2	1.0	.8	.4
230.	1.2	1.7	1.8	1.7	1.1	1.0	.9	.3	.4	.4	.5	.1	.1	.1	.1	1.2	1.2	1.2	.9	.4
235.	1.2	1.8	2.0	1.8	.9	.9	.8	.2	.2	.3	.4	.0	.0	.0	.0	1.3	1.2	1.2	1.0	.5
240.	1.2	1.8	1.9	1.4	.7	.8	1.1	.1	.2	.3	.5	.0	.0	.0	.0	1.3	1.2	1.2	1.0	.4
245.	1.2	1.8	1.8	1.2	.8	.9	.9	.1	.2	.3	.5	.0	.0	.0	.0	1.2	1.1	1.1	.9	.5
250.	1.1	1.9	1.8	1.1	.8	.9	1.0	.1	.2	.4	.5	.0	.0	.0	.0	1.1	1.1	1.1	.9	.5
255.	1.1	1.8	1.8	1.0	.6	1.1	.9	.1	.2	.4	.5	.0	.0	.0	.0	1.1	1.1	1.0	1.0	.5
260.	1.0	1.8	1.7	.7	.9	1.2	.8	.0	.2	.3	.4	.0	.0	.0	.0	1.1	1.0	1.0	.8	.4
265.	.9	1.9	1.5	.6	.9	1.3	.7	.0	.1	.3	.5	.0	.0	.0	.0	1.0	.9	.9	.8	.4
270.	.9	1.8	1.4	.6	1.2	1.3	.7	.0	.1	.3	.5	.0	.0	.0	.0	.9	.9	1.0	.8	.5
275.	.8	1.8	1.4	.6	1.3	1.3	.6	.1	.1	.3	.4	.0	.0	.0	.0	.9	.8	1.0	.8	.5
280.	.8	1.7	1.2	.7	1.3	1.1	.6	.0	.2	.2	.4	.0	.0	.0	.0	.9	.8	1.0	.8	.5
285.	.8	1.6	1.2	.7	1.4	1.1	.5	.0	.2	.1	.4	.0	.0	.0	.0	.9	.8	.9	.8	.5
290.	.8	1.6	.9	.7	1.2	1.0	.4	.0	.1	.2	.3	.0	.0	.0	.0	.9	.8	.8	.8	.4
295.	.8	1.3	.9	.7	1.2	.8	.4	.0	.1	.2	.3	.0	.0	.0	.0	.9	.8	.8	.8	.5
300.	.8	1.2	.9	.8	1.3	.7	.5	.0	.1	.2	.3	.0	.0	.0	.0	.9	.8	.8	.8	.5
305.	.9	1.0	.7	.9	1.3	.6	.5	.0	.0	.1	.2	.0	.0	.0	.0	.9	.9	1.0	.8	.6
310.	.9	.6	.7	.9	1.1	.6	.5	.0	.0	.0	.2	.0	.0	.0	.0	.9	.9	1.1	1.0	.6
315.	.9	.7	.5	.7	1.1	.5	.6	.0	.0	.0	.1	.2	.0	.0	.0	.9	.9	1.0	1.1	.6
320.	.8	.7	.6	.8	1.0	.5	.5	.0	.0	.0	.0	.4	.1	.0	.0	.9	.7	1.1	1.1	.7
325.	.9	.4	.5	.8	1.0	.4	.5	.0	.0	.0	.0	.5	.1	.0	.0	.9	.7	1.2	1.0	.8
330.	1.0	.4	.5	.8	.8	.4	.5	.0	.0	.0	.0	.6	.1	.1	.0	.9	1.0	1.2	.9	.8
335.	1.1	.4	.5	.8	.8	.4	.6	.0	.0	.0	.0	.6	.3	.1	.0	.9	1.1	1.2	.9	.9
340.	1.2	.3	.4	.8	.8	.6	.6	.0	.0	.0	.0	.7	.3	.1	.0	.9	1.2	1.3	.7	1.2
345.	1.2	.3	.4	.8	.7	.6	.6	.0	.0	.0	.0	.7	.2	.1	.0	.9	1.2	1.2	.8	1.4
350.	1.2	.2	.3	.7	.7	.6	.7	.0	.0	.0	.0	.7	.3	.1	.0	.9	1.2	1.2	.9	1.5
355.	1.3	.2	.3	.7	.6	.6	.7	.0	.0	.0	.0	.8	.3	.2	.0	1.0	1.3	1.1	.7	1.6
360.	1.3	.2	.3	.6	.7	.7	.7	.0	.0	.0	.0	.7	.3	.2	.0	1.0	1.3	1.2	.9	1.6
MAX	1.3	2.2	2.1	1.9	1.4	1.3	1.1	.9	1.7	2.3	2.0	1.6	1.5	1.3	1.0	1.3	1.3	1.4	1.6	2.0
DEGR.	0	145	145	225	285	265	240	175	175	155	135	115	100	85	70	235	0	20	115	110

1

JOB: S3 NB 2015 PM

RUN: S3 NB2015 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.8 1.7
 5. * 1.7 1.5
10. * 1.6 1.5
15. * 1.6 1.4
20. * 1.5 1.4
25. * 1.5 1.4
30. * 1.5 1.4
35. * 1.4 1.4
40. * 1.4 1.4
45. * 1.4 1.4
50. * 1.4 1.4
55. * 1.4 1.4
60. * 1.4 1.4
65. * 1.4 1.4
70. * 1.4 1.4
75. * 1.5 1.4
80. * 1.5 1.5
85. * 1.5 1.7
90. * 1.6 1.7
95. * 1.6 1.7
100. * 1.6 1.9
105. * 1.7 1.9
110. * 1.9 1.9
115. * 2.0 2.0
120. * 1.9 1.9
125. * 1.7 1.5
130. * 1.3 1.1
135. * .8 .9
140. * .4 .5
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 NB 2015 PM

RUN: S3 NB2015 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .4 .2
240. * .4 .2
245. * .3 .2
250. * .3 .2
255. * .3 .2
260. * .3 .2
265. * .3 .2
270. * .3 .2
275. * .3 .1
280. * .3 .1
285. * .4 .1
290. * .4 .1
295. * .5 .3
300. * .5 .3
305. * .4 .6
310. * .6 .8
315. * .7 1.0
320. * .9 1.2
325. * .9 1.6
330. * 1.1 1.6
335. * 1.4 1.7
340. * 1.5 1.9
345. * 1.8 1.9
350. * 1.8 1.8
355. * 1.8 1.7
360. * 1.8 1.7
-----*-----
MAX * 2.0 2.0
DEGR. * 115 115

```

THE HIGHEST CONCENTRATION IS 2.30 PPM AT 155 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 2.20 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 2.10 PPM AT 145 DEGREES FROM REC3 .

1

JOB: S3 NB 2015 PM

DATE: 12/24/2006 TIME: 22:05:12.34

RUN: S3 NB2015 PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3NB15PM.OUT

LINK #	ANGLE (DEGREES)																			
	REC1 0	REC2 145	REC3 145	REC4 225	REC5 285	REC6 265	REC7 240	REC8 175	REC9 175	REC10 155	REC11 135	REC12 115	REC13 100	REC14 85	REC15 70	REC16 235	REC17 0	REC18 20	REC19 115	REC20 110
1 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2 *	.0	.3	.3	.3	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.1	.2	.2
3 *	.0	1.3	1.2	.7	.0	.0	.0	.2	.3	.5	.7	.6	.4	.3	.2	.0	.0	.0	.8	.9
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.3	.3	.1	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.3	.4
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15 *	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.0	.0	.0	.1	.2	.4
16 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
18 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0
19 *	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.3	.3	.0	.0
20 *	.6	.0	.0	.5	.0	.0	.1	.0	.0	.0	.0	.1	.3	.3	.3	.9	.6	.4	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.2	.0	.0	.0
23 *	.0	.0	.0	.0	.3	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.5	.5	.2	.0	.7	.9	.6	.0	.0	.0	.0	.0	.0	.2	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 NB 2015 PM
DATE: 12/24/2006 TIME: 22:05:12.34

RUN: S3 NB2015 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM)	
	REC21	REC22
	115	115
1 *	.1	.2
2 *	.2	.1
3 *	.9	.9
4 *	.0	.0
5 *	.4	.4
6 *	.0	.0
7 *	.0	.0
8 *	.0	.0
9 *	.0	.0
10 *	.0	.0
11 *	.0	.0
12 *	.0	.0
13 *	.0	.0
14 *	.0	.0
15 *	.3	.2
16 *	.1	.2
17 *	.0	.0
18 *	.0	.0
19 *	.0	.0
20 *	.0	.0
21 *	.0	.0
22 *	.0	.0
23 *	.0	.0
24 *	.0	.0
25 *	.0	.0
26 *	.0	.0
27 *	.0	.0
28 *	.0	.0
29 *	.0	.0
30 *	.0	.0
31 *	.0	.0
32 *	.0	.0
33 *	.0	.0
34 *	.0	.0

										S3B115AM.DAT									
S3	B1	2015	AM											60.0175.0	0.0000.000220.30480000	11	1		
REC	1	400'	SE CORNER	261835.	530030.											5.			
REC	2	164'	SE CORNER	262176.	530165.											5.			
REC	3	82'	SE CORNER	262120.	530219.											5.			
REC	4	SE CORNER	262072.	530268.											5.				
REC	4	SE CORNER	262098.	530349.											5.				
REC	6	164'	ES CORNER	262154.	530413.											5.			
REC	7	400'	ES CORNER	262306.	530598.											5.			
REC	8	400'	EN CORNER	262195.	530686.											5.			
REC	9	164'	EN CORNER	262034.	530516.											5.			
REC	10	164'	EN CORNE	261980.	530447.											5.			
REC	11	NE CORNER	261922.	530419.											5.				
REC	12	NW CORNER	261794.	530257.											5.				
REC	13	82'	WN CORNER	261763.	530182.											5.			
REC	14	164'	WN CORNE	261708.	530118.											5.			
REC	15	400'	WN CORNE	261546.	529940.											5.			
REC	16	400'	WS CORNE	261679.	529849.											5.			
REC	17	164'	WS CORNE	261834.	530028.											5.			
REC	18	82'	WS CORNER	261888.	530090.											5.			
REC	19	SW CORNER	261953.	530146.											5.				
REC	20	82'	SW CORNER	262029.	530103.											5.			
REC	21	164'	SW CORNE	262081.	530059.											5.			
REC	22	400'	SW CORNE	262223.	529940.											5.			
S3	B1	2015	AM											34	1	1			
1	1																		
1		NB	Ball 355	AG262726.	529646.	262368.	529919.	1600	3.1	0.	68.	35.							
2		NB	T 355	AG262368.	529919.	261955.	530285.	1325	3.1	0.	80.	35.							
3		NBT	355	AG262013.	530234.	262123.	530136.	0.	60.	5									
	150		108	2.0	1325	33.4	1598	3	3										
29	2	NB	355 L	AG262351.	529910.	261995.	530214.	275	3.1	0.	32.	35.							
28		NB	355 L	AG262003.	530207.	262061.	530158.	0.	24.	2									
	150		131	2.0	275	33.4	1770	3	3										
30	1	NB	355 L	AG261995.	530214.	261936.	530262.	275	3.1	0.	32.	35.							
4	1	NB	dp 355	AG261955.	530285.	261596.	530602.	1300	3.1	0.	68.	35.							
5	1	NB	dp 355	AG261596.	530602.	261206.	530930.	1300	3.1	0.	68.	35.							
31	2	SB	355 L	AG261535.	530602.	261837.	530345.	150	3.1	0.	32.	35.							
28		SB	355 L	AG261833.	530349.	261743.	530425.	0.	24.	2									
	150		127	2.0	150	33.4	1770	3	3										
32	1	SB	355 L	AG261837.	530345.	261928.	530269.	150	3.1	0.	32.	35.							
6	1	SB	MD 355	AG261171.	530898.	261465.	530639.	2000	3.1	0.	68.	35.							
7	1	SB	MD 355	AG261465.	530639.	261918.	530238.	2000	3.1	0.	68.	35.							
8	2	SB	355	AG261808.	530335.	261691.	530439.	0.	48.	4									
	150		103	2.0	2000	33.4	1667	3	3										
9	1	SB	dp 355	AG261918.	530238.	262329.	529899.	4025	3.1	0.	56.	35.							
10	1	SB	dp 355	AG262329.	529899.	262697.	529607.	4025	3.1	0.	56.	35.							
11	1	EB	SHD all	AG261274.	529514.	26													

JOB: S3 B1 2015 AM
DATE: 12/24/2006 TIME: 21:29:56.88

RUN: S3 B1 2015 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	1600.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	1325.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	262129.9	530129.9	* 156.	132. AG	323.	100.0	.0	60.0	.66 7.9
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	275.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	262085.7	530137.1	* 108.	130. AG	156.	100.0	.0	24.0	.77 5.5
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	275.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	1300.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	1300.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	150.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261793.2	530382.6	* 52.	310. AG	152.	100.0	.0	24.0	.33 2.6
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	150.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	2000.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	2000.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261345.4	530746.2	* 619.	312. AG	246.	100.0	.0	48.0	1.05 31.4
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	4025.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	4025.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	2725.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	2725.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	2625.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259848.9	527769.4	* 3193.	220. AG	248.	100.0	.0	48.0	1.70 162.2
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	100.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261872.2	530187.6	* 28.	221. AG	124.	100.0	.0	24.0	.12 1.4
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2075.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2075.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2075.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	2625.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	2625.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1275.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262057.9	530460.7	* 146.	41. AG	314.	100.0	.0	60.0	.65 7.4
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	1350.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	264329.4	533048.7	* 3590.	41. AG	125.	100.0	.0	24.0	1.84 182.4
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1700.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1700.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1700.	3.1	.0	68.0	

JOB: S3 B1 2015 AM
DATE: 12/24/2006 TIME: 21:29:56.88

RUN: S3 B1 2015 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION			CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	* 150	108	2.0	1325	1598	33.40	3	3
5. 28	NB	355 L	* 150	131	2.0	275	1770	33.40	3	3
10. 28	SB	355 L	* 150	127	2.0	150	1770	33.40	3	3
14. 8	SB	355	* 150	103	2.0	2000	1667	33.40	3	3
20. 14	EB	SG T	* 150	104	2.0	2625	1381	33.40	3	3
22. 22	EB	SG L	* 150	104	2.0	100	1434	33.40	3	3
29. 25	WB	SG T	* 150	105	2.0	1275	1433	33.40	3	3
31. 28	WB	SG L	* 150	105	2.0	1350	1345	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR			X	COORDINATES (FT)	Z
				Y	
1.	REC 1	400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2	164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3	82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4	SE CORNER	262072.0	530268.0	5.0
5.	REC 4	SE CORNER	262098.0	530349.0	5.0
6.	REC 6	164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7	400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8	400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9	164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10	164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11	NE CORNER	261922.0	530419.0	5.0
12.	REC 12	NW CORNER	261794.0	530257.0	5.0
13.	REC 13	82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14	164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15	400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16	400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17	164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18	82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19	SW CORNER	261953.0	530146.0	5.0
20.	REC 20	82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21	164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22	400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 B1 2015 AM

RUN: S3 B1 2015 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.3	.1	.2	.6	.7	.6	.6	.0	.0	.0	.0	.6	.4	.3	.1	1.2	1.3	1.1	.8	1.5
5.	1.3	.1	.2	.5	.6	.6	.6	.0	.0	.0	.0	.6	.3	.3	.1	1.3	1.3	1.1	1.0	1.5
10.	1.2	.1	.2	.6	.6	.6	.7	.0	.0	.0	.0	.5	.3	.3	.1	1.3	1.2	.9	1.1	1.5
15.	1.2	.1	.2	.5	.7	.8	.6	.0	.0	.0	.0	.5	.3	.3	.1	1.2	1.2	1.0	1.0	1.5
20.	1.2	.1	.3	.4	.8	.8	.6	.0	.0	.0	.0	.4	.2	.2	.1	1.2	1.2	1.1	1.2	1.4
25.	1.1	.1	.2	.5	.8	.8	.6	.0	.0	.0	.0	.4	.2	.2	.1	1.4	1.1	1.0	1.1	1.3
30.	1.0	.1	.1	.5	.8	.6	.6	.2	.0	.0	.0	.4	.3	.3	.1	1.2	1.0	1.0	1.1	1.3
35.	1.1	.1	.1	.4	.7	.6	.5	.2	.2	.2	.1	.4	.4	.4	.3	1.0	1.1	.8	1.2	1.3
40.	.9	.1	.1	.2	.4	.4	.3	.4	.3	.4	.1	.4	.4	.4	.4	.8	.8	.9	1.1	1.3
45.	.6	.0	.1	.1	.4	.4	.3	.4	.4	.4	.3	.6	.6	.5	.5	.8	.6	.8	1.0	1.3
50.	.7	.0	.0	.1	.2	.1	.1	.5	.5	.7	.5	.7	.8	.4	.7	.5	.7	.6	1.1	1.2
55.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.8	.6	.8	.6	.7	.7	.3	.4	.6	1.0	1.1
60.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.7	.6	.9	.6	.8	.7	.2	.4	.6	1.1	1.1
65.	.4	.0	.0	.0	.0	.0	.0	.5	.5	.8	.6	.8	.8	.7	.9	.1	.4	.6	1.1	1.0
70.	.2	.0	.0	.0	.0	.0	.0	.5	.5	.9	.7	.7	.7	.7	1.0	.1	.2	.6	1.1	1.0
75.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.1	.8	.5	.6	.8	1.0	.1	.2	.5	1.1	.8
80.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.0	1.0	.5	.8	.8	.7	.0	.2	.5	1.0	.7
85.	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.1	.9	.5	.9	.8	.7	.0	.1	.3	1.0	.7
90.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	.5	.9	.8	.5	.0	.1	.3	1.0	.7
95.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.7	1.1	.8	.5	.0	.1	.3	.9	.7
100.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.9	.9	.7	.5	.0	.1	.2	.8	.6
105.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	1.0	.8	.6	.5	.0	.2	.2	.8	.6
110.	.1	.0	.0	.0	.0	.0	.0	.5	.6	1.2	1.0	1.0	.7	.6	.5	.0	.1	.2	.6	.7
115.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	1.0	.6	.5	.5	.0	.1	.2	.7	.7
120.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.8	.6	.5	.5	.0	.0	.2	.4	.7
125.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.3	1.1	.8	.7	.6	.5	.0	.0	.1	.4	.5
130.	.0	.1	.1	.0	.0	.0	.0	.5	.4	1.3	1.0	.7	.6	.6	.6	.0	.0	.0	.3	.5
135.	.0	.2	.2	.4	.0	.0	.0	.5	.5	1.3	1.2	.6	.6	.6	.6	.0	.0	.0	.1	.4
140.	.0	.3	.3	.4	.1	.0	.0	.5	.5	1.3	1.2	.5	.6	.6	.5	.0	.0	.0	.1	.2
145.	.0	.3	.4	.5	.1	.0	.0	.5	.6	1.3	1.3	.5	.5	.5	.5	.0	.0	.0	.0	.1
150.	.0	.3	.4	.6	.2	.1	.0	.5	.7	1.5	1.1	.5	.5	.5	.5	.0	.0	.0	.0	.1
155.	.0	.4	.5	.7	.3	.1	.0	.5	1.0	1.5	1.0	.5	.5	.5	.5	.0	.0	.0	.0	.0
160.	.0	.3	.6	.8	.3	.1	.0	.5	1.1	1.7	.9	.5	.6	.7	.5	.0	.0	.0	.0	.0
165.	.0	.3	.6	1.0	.4	.1	.0	.5	1.2	1.7	.5	.5	.7	.7	.6	.0	.0	.0	.0	.0
170.	.0	.3	.7	1.0	.4	.1	.0	.5	1.2	1.7	.7	.5	.7	.7	.6	.0	.0	.0	.0	.0
175.	.0	.3	.8	1.1	.5	.2	.0	.5	1.3	1.5	.6	.5	.7	.7	.7	.0	.0	.0	.0	.0
180.	.0	.3	.8	1.1	.6	.2	.0	.6	1.3	1.4	.6	.5	.8	.7	.7	.0	.0	.0	.0	.0
185.	.0	.3	.9	1.2	.6	.3	.0	.7	1.3	1.2	.8	.5	.8	.7	.7	.0	.0	.0	.0	.0
190.	.0	.3	.9	1.2	.6	.3	.1	.7	1.4	1.1	.8	.7	.7	.7	.7	.0	.0	.0	.0	.0
195.	.0	.3	1.1	1.2	.6	.3	.2	.8	1.5	1.0	.7	.6	.7	.7	.7	.0	.0	.0	.0	.0
200.	.1	.3	1.1	1.2	.6	.4	.2	1.0	1.2	1.0	.7	.6	.8	.7	.8	.1	.1	.1	.0	.0
205.	.1	.3	1.1	1.3	.7	.5	.3	1.0	1.0	1.0	.8	.6	.8	.9	.7	.1	.1	.1	.1	.0

1

JOB: S3 B1 2015 AM

RUN: S3 B1 2015 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																				
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
210.	*	.4	.4	1.2	1.3	.8	.7	.3	.8	1.0	1.0	.7	.6	.8	.9	.7	.3	.4	.3	.2	.1
215.	*	.6	.5	1.3	1.4	1.0	.8	.7	.6	.8	.9	.6	.5	.8	.8	.6	.6	.6	.5	.1	
220.	*	.8	.6	1.4	1.5	1.0	.8	.7	.5	.6	.8	.5	.3	.4	.5	.4	.8	.8	.7	.2	
225.	*	1.1	.7	1.5	1.7	1.0	.9	.6	.4	.4	.4	.6	.2	.3	.4	.3	1.1	1.1	.9	.3	
230.	*	1.2	.9	1.6	1.6	1.0	.9	.8	.3	.3	.4	.5	.1	.2	.2	.2	1.2	1.2	.9	.5	
235.	*	1.3	1.0	1.8	1.4	.8	.8	.9	.1	.1	.3	.4	.0	.0	.0	.0	1.3	1.3	1.0	.5	
240.	*	1.3	1.1	1.7	1.3	.7	.6	.9	.1	.1	.3	.5	.0	.0	.0	.0	1.3	1.3	1.2	.5	
245.	*	1.2	1.2	1.6	1.1	.7	.8	.8	.1	.1	.5	.5	.0	.0	.0	.0	1.3	1.2	1.2	.5	
250.	*	1.0	1.3	1.6	.8	.6	1.0	.7	.1	.2	.4	.6	.0	.0	.0	.0	1.2	1.1	1.2	.5	
255.	*	1.2	1.4	1.6	.7	.6	1.0	.7	.1	.2	.4	.6	.0	.0	.0	.0	1.2	1.1	1.0	.4	
260.	*	1.1	1.4	1.5	.7	.8	1.1	.6	.1	.2	.4	.6	.0	.0	.0	.0	1.1	1.1	1.0	.4	
265.	*	1.1	1.5	1.5	.7	1.0	1.1	.6	.1	.2	.4	.5	.0	.0	.0	.0	1.1	1.1	1.0	.4	
270.	*	1.0	1.5	1.1	.4	1.2	1.2	.6	.1	.2	.4	.5	.0	.0	.0	.0	1.0	1.1	1.0	.4	
275.	*	.9	1.4	1.0	.4	1.3	1.2	.6	.1	.2	.4	.5	.0	.0	.0	.0	1.0	.9	.9	.4	
280.	*	.9	1.2	1.0	.5	1.4	1.2	.6	.0	.2	.4	.5	.0	.0	.0	.0	.9	.9	.9	.5	
285.	*	.9	1.3	.8	.7	1.4	1.2	.5	.0	.1	.3	.5	.0	.0	.0	.0	.9	.9	.9	.4	
290.	*	.9	1.1	.8	.6	1.3	1.0	.5	.0	.1	.2	.5	.0	.0	.0	.0	.9	.9	.9	.5	
295.	*	.9	1.1	.8	.8	1.3	1.0	.6	.0	.1	.2	.5	.0	.0	.0	.0	.9	.9	.9	.5	
300.	*	.9	.8	.8	.9	1.2	.9	.6	.0	.0	.1	.3	.1	.0	.0	.0	.9	.9	.9	.5	
305.	*	.9	.8	.7	1.0	1.2	.7	.5	.0	.0	.1	.1	.1	.0	.0	.0	.9	.9	.9	.8	
310.	*	.9	.5	.4	.8	1.1	.7	.5	.0	.0	.0	.1	.3	.1	.0	.0	.9	.9	1.0	.8	
315.	*	1.0	.5	.5	.8	1.1	.5	.5	.0	.0	.0	.0	.5	.1	.0	.0	.9	1.0	1.1	.8	
320.	*	1.0	.4	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.0	1.2	.9	
325.	*	1.0	.4	.4	.8	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.0	1.3	.9	
330.	*	1.1	.4	.4	.8	1.0	.6	.5	.0	.0	.0	.0	.8	.4	.1	.0	.8	1.1	1.3	1.0	
335.	*	1.2	.3	.4	.8	.9	.6	.5	.0	.0	.0	.0	.8	.4	.2	.0	.9	1.2	1.2	.9	
340.	*	1.2	.3	.4	.9	.9	.6	.5	.0	.0	.0	.0	.8	.4	.2	.0	.9	1.2	1.2	.8	
345.	*	1.2	.3	.4	.8	.8	.6	.5	.0	.0	.0	.0	.8	.4	.3	.1	1.1	1.2	1.1	.8	
350.	*	1.3	.2	.3	.7	.7	.6	.5	.0	.0	.0	.0	.8	.4	.3	.1	1.1	1.2	1.1	.8	
355.	*	1.2	.1	.3	.6	.7	.6	.5	.0	.0	.0	.0	.7	.4	.3	.1	1.1	1.2	1.2	.6	
360.	*	1.3	.1	.2	.6	.7	.6	.6	.0	.0	.0	.6	.4	.3	.1	1.2	1.3	1.1	.8	1.5	
MAX DEGR	*	1.3	1.5	1.8	1.7	1.4	1.2	.9	1.0	1.5	1.7	1.3	1.0	1.1	.9	1.0	1.4	1.3	1.3	1.4	1.5
		0	265	235	225	280	270	235	200	195	160	145	105	95	205	70	25	0	325	320	0

1

JOB: S3 B1 2015 AM

RUN: S3 B1 2015 AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 .6
 5. * 1.4 .6
10. * 1.2 .6
15. * 1.2 .6
20. * 1.1 .5
25. * 1.0 .5
30. * .9 .6
35. * .9 .5
40. * .8 .5
45. * .6 .5
50. * .6 .5
55. * .5 .4
60. * .4 .4
65. * .5 .4
70. * .5 .5
75. * .5 .5
80. * .5 .5
85. * .5 .5
90. * .5 .5
95. * .6 .6
100. * .6 .7
105. * .6 .7
110. * .7 .7
115. * .7 .6
120. * .6 .7
125. * .5 .6
130. * .4 .3
135. * .3 .3
140. * .2 .2
145. * .1 .1
150. * .1 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 B1 2015 AM

RUN: S3 B1 2015 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .3 .1
235. * .3 .2
240. * .4 .2
245. * .4 .2
250. * .4 .2
255. * .3 .2
260. * .2 .2
265. * .3 .2
270. * .3 .1
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .4 .2
295. * .4 .2
300. * .5 .4
305. * .6 .5
310. * .8 .7
315. * .9 .7
320. * 1.2 1.0
325. * 1.0 1.1
330. * 1.1 1.0
335. * 1.2 .9
340. * 1.3 .9
345. * 1.5 .9
350. * 1.5 .7
355. * 1.5 .6
360. * 1.4 .6
-----*-----
MAX * 1.5 1.1
DEGR. * 350 325

```

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 235 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.70 PPM AT 225 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.70 PPM AT 160 DEGREES FROM REC10 .

1

JOB: S3 B1 2015 AM
 DATE: 12/24/2006 TIME: 21:29:56.88

RUN: S3 B1 2015 AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B115AM.OUT

LINK	#	ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	265	235	225	280	270	235	200	195	160	145	105	95	205	70	25	0	325	320	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.7	.7	.6	.0	.0	.0	.1	.1	.2	.2	.2	.0	.1	.0	.0	.0	.0	.4	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	
14	*	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	
15	*	.0	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.2	.0	.1	.0	.0	.0	.0	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	
19	*	.3	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.3	.2	.2	
20	*	.7	.2	.4	.5	.0	.0	.1	.1	.1	.0	.0	.1	.3	.5	.4	.8	.7	.6	.4	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23	*	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
24	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.4	.4	.1	.1	.7	.8	.4	.0	.0	.0	.0	.1	.0	.0	.2	
30	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	
32	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S3 B1 2015 AM
DATE: 12/24/2006 TIME: 21:29:56.88

RUN: S3 B1 2015 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)	
		ANGLE (DEGREES)	
LINK #	*	REC21 350	REC22 325
1	*	.0	.0
2	*	.1	.1
3	*	.5	.2
4	*	.0	.0
5	*	.2	.1
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.1
15	*	.4	.5
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.1	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.1	.1
30	*	.0	.0
31	*	.1	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0

S3B115PM.DAT

S3 B1 2015 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 B1 2015 PM	34	1	1

1							
1	NB	all	355	AG262726.529646.262368.529919.	4075	3.1	0. 68. 35.
2	NB	T	355	AG262368.529919.261955.530285.	3675	3.1	0. 80. 35.
3	NBT		355	AG262013.530234.262123.530136.	0.	60.	5
150			101	2.0 3675 33.4 1598 3 3			
29	NB		355	L AG262351.529910.261995.530214.	400	3.1	0. 32. 35.
28	NB		355	L AG262003.530207.262061.530158.	0.	24.	2
150			141	2.0 400 33.4 1770 3 3			
30	NB		355	L AG261995.530214.261936.530262.	400	3.1	0. 32. 35.
4	NB	dp	355	AG261955.530285.261596.530602.	3650	3.1	0. 68. 35.
5	NB	dp	355	AG261596.530602.261206.530930.	3650	3.1	0. 68. 35.
31	SB		355	L AG261535.530602.261837.530345.	100	3.1	0. 32. 35.
28	SB		355	L AG261833.530349.261743.530425.	0.	24.	2
150			132	2.0 100 33.4 1770 3 3			
32	SB		355	L AG261837.530345.261928.530269.	100	3.1	0. 32. 35.
6	SB	MD	355	AG261171.530898.261465.530639.	950	3.1	0. 68. 35.
7	SB	MD	355	AG261465.530639.261918.530238.	950	3.1	0. 68. 35.
8	SB		355	AG261808.530335.261691.530439.	0.	48.	4
150			92	2.0 950 33.4 1667 3 3			
9	SB	dp	355	AG261918.530238.262329.529899.	2725	3.1	0. 56. 35.
10	SB	dp	355	AG262329.529899.262697.529607.	2725	3.1	0. 56. 35.
11	EB	SHD	all	AG261274.529514.261463.529675.	4300	3.1	0. 68. 35.
12	EB	SHD	all	AG261463.529675.261758.530009.	4300	3.1	0. 68. 35.
13	EB	SH	T	GRAG261758.530009.261969.530256.	3350	3.1	0. 68. 35.
14	EB	SG	T	AG261920.530199.261822.530084.	0.	48.	4
150			92	2.0 3350 33.4 1367 3 3			
21	EB	SHDY	L	AG261699.529992.261934.530258.	625	3.1	0. 44. 35.
22	EB	SG	L	AG261891.530209.261797.530102.	0.	24.	2
150			92	2.0 625 33.4 1434 3 3			
15	EB	SHDY	dp	AG261969.530256.262204.530526.	2875	3.1	0. 56. 35.
16	EB	SHDY	dp	AG262204.530526.262474.530885.	2875	3.1	0. 56. 35.
17	EB	SHDY	dp	AG262474.530885.262575.531030.	2875	3.1	0. 56. 35.
18	WB	SHDY	all	AG262529.531064.262224.530640.	1200	3.1	0. 56. 35.
23	WB	SG	all	AG262224.530640.262090.530497.	1200	3.1	0. 68. 35.
24	WB	SGT		AG262090.530497.261906.530286.	675	3.1	0. 80. 35.
25	WB	SG	T	AG261962.530350.262066.530470.	0.	60.	5
150			119	2.0 675 33.4 1434 3 3			
27	WB	SG	L	AG262171.530532.261947.530269.	525	3.1	0. 44. 35.
28	WB	SG	L	AG261993.530323.262095.530442.	0.	24.	2
150			119	2.0 525 33.4 1345 3 3			
26	WB	SG	dp	AG261906.530286.261623.529966.	1050	3.1	0. 68. 35.
19	WB	SHD	dp	AG261623.529966.261365.529670.	1050	3.1	0. 68. 35.
20	WB	SHD	dp	AG261365.529670.261222.529563.	1050	3.1	0. 68. 35.
1.0	0.4	1000.	0.0Y	5 0 72			

1

PAGE 1

JOB: S3 B1 2015 PM
DATE: 12/24/2006 TIME: 21:38:53.83

RUN: S3 B1 2015 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	4075.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	3675.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	264318.9	528179.5	* 3088.	132. AG	302. 100.0	.0	60.0	1.53	156.9
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	400.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	263278.0	529129.8	* 1669.	130. AG	168. 100.0	.0	24.0	3.39	84.8
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	400.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	3650.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	3650.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	100.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261805.4	530372.3	* 36.	310. AG	158. 100.0	.0	24.0	.30	1.8
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	100.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	950.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	950.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261718.9	530414.2	* 119.	312. AG	220. 100.0	.0	48.0	.40	6.1
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	2725.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	2725.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	4300.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	4300.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	3350.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259325.3	527155.1	* 4000.	220. AG	220. 100.0	.0	48.0	1.70	203.2
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	625.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261787.4	530091.1	* 157.	221. AG	110. 100.0	.0	24.0	.60	8.0
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2875.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2875.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2875.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	1200.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	1200.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	675.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262019.5	530416.4	* 88.	41. AG	355. 100.0	.0	60.0	.52	4.5
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	525.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	262285.3	530664.0	* 449.	41. AG	142. 100.0	.0	24.0	1.08	22.8
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1050.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1050.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1050.	3.1	.0	68.0	

1

JOB: S3 B1 2015 PM
DATE: 12/24/2006 TIME: 21:38:53.83

RUN: S3 B1 2015 PM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION			CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	150	101	2.0	3675	1598	33.40	3	3
5. 28	NB	355 L	150	141	2.0	400	1770	33.40	3	3
10. 28	SB	355 L	150	132	2.0	100	1770	33.40	3	3
14. 8	SB	355	150	92	2.0	950	1667	33.40	3	3
20. 14	EB	SG T	150	92	2.0	3350	1367	33.40	3	3
22. 22	EB	SG L	150	92	2.0	625	1434	33.40	3	3
29. 25	WB	SG T	150	119	2.0	675	1434	33.40	3	3
31. 28	WB	SG L	150	119	2.0	525	1345	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR		X	COORDINATES (FT)	Z
			Y	
1.	REC 1 400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2 164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3 82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4 SE CORNER	262072.0	530268.0	5.0
5.	REC 4 SE CORNER	262098.0	530349.0	5.0
6.	REC 6 164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7 400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8 400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9 164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10 164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11 NE CORNER	261922.0	530419.0	5.0
12.	REC 12 NW CORNER	261794.0	530257.0	5.0
13.	REC 13 82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14 164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15 400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16 400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17 164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18 82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19 SW CORNER	261953.0	530146.0	5.0
20.	REC 20 82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21 164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22 400' SW CORNE	262223.0	529940.0	5.0

1

JOB: S3 B1 2015 PM

RUN: S3 B1 2015 PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.3	.2	.2	.4	.6	.6	.4	.0	.0	.0	.0	.7	.3	.2	.0	1.0	1.3	1.0	.8	1.4
5.	1.1	.1	.2	.4	.6	.7	.4	.0	.0	.0	.0	.6	.3	.2	.0	1.3	1.1	1.1	1.0	1.4
10.	1.1	.2	.2	.4	.6	.7	.4	.0	.0	.0	.0	.6	.3	.2	.0	1.3	1.1	1.2	.9	1.6
15.	1.3	.1	.3	.4	.6	.6	.4	.0	.0	.0	.0	.6	.2	.2	.0	1.3	1.3	1.2	.9	1.4
20.	1.4	.1	.3	.5	.6	.6	.4	.0	.0	.0	.0	.5	.2	.2	.1	1.2	1.3	1.2	1.0	1.4
25.	1.2	.0	.2	.3	.6	.6	.3	.0	.0	.0	.0	.5	.2	.2	.1	1.1	1.2	1.1	1.1	1.4
30.	1.2	.0	.1	.3	.6	.5	.3	.0	.0	.0	.0	.4	.1	.2	.1	1.0	1.2	1.0	1.1	1.3
35.	1.1	.0	.0	.3	.4	.5	.2	.1	.0	.0	.0	.4	.2	.3	.0	.9	1.1	.9	1.0	1.3
40.	.9	.0	.0	.2	.4	.3	.2	.1	.0	.0	.0	.4	.4	.4	.1	.8	.9	.8	1.0	1.3
45.	.8	.0	.0	.0	.3	.2	.1	.1	.1	.2	.0	.5	.5	.5	.3	.7	.8	.8	.9	1.3
50.	.7	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.6	.5	.5	.3	.7	.7	.5	1.0	1.2
55.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.6	.5	.7	.6	.4	.5	.5	1.0	1.2
60.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.6	.6	.9	.8	.3	.5	.6	1.0	1.2
65.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.6	.6	.7	.9	.3	.5	.6	1.0	1.2
70.	.5	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.5	.8	.8	1.0	.4	.5	.6	1.1	1.3
75.	.5	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.6	.8	1.0	.9	.3	.5	.6	1.1	1.3
80.	.5	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.7	.9	1.2	.9	.3	.5	.7	1.1	1.3
85.	.6	.0	.0	.0	.0	.0	.0	.2	.5	.4	.6	.7	1.0	1.2	.9	.3	.6	.7	1.2	1.4
90.	.6	.0	.0	.0	.0	.0	.0	.2	.4	.4	.7	.7	1.2	1.2	.9	.3	.6	.7	1.2	1.4
95.	.6	.0	.0	.0	.0	.0	.0	.3	.4	.4	.7	.7	1.2	1.2	.9	.3	.6	.7	1.3	1.4
100.	.6	.0	.0	.0	.0	.0	.0	.3	.4	.5	.8	.9	1.3	1.3	.9	.3	.6	.8	1.3	1.4
105.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.5	.9	1.1	1.4	1.3	.9	.3	.5	.8	1.4	1.5
110.	.5	.0	.0	.0	.0	.0	.0	.3	.3	.5	.8	1.3	1.5	1.1	.9	.3	.5	.9	1.4	1.8
115.	.5	.1	.1	.1	.0	.0	.0	.3	.3	.6	.9	1.5	1.5	1.0	.8	.2	.4	.9	1.5	1.8
120.	.4	.3	.3	.3	.1	.0	.0	.4	.3	.8	.9	1.5	1.4	1.0	.7	.1	.4	.7	1.3	1.7
125.	.3	.7	.7	.6	.1	.1	.0	.4	.4	.9	1.3	1.4	1.1	.9	.7	.1	.3	.4	1.3	1.5
130.	.2	1.0	1.0	1.0	.3	.1	.0	.4	.4	1.3	1.4	1.3	1.0	.7	.6	.0	.2	.3	.9	1.2
135.	.1	1.4	1.4	1.3	.6	.3	.1	.5	.6	1.6	1.8	.9	.8	.6	.6	.0	.1	.1	.5	.8
140.	.0	1.8	1.8	1.6	.8	.4	.1	.5	.7	1.8	1.8	.8	.8	.5	.6	.0	.0	.1	.3	.4
145.	.0	1.9	1.8	1.7	.9	.5	.2	.6	.7	1.9	1.7	.7	.7	.6	.6	.0	.0	.0	.1	.2
150.	.0	1.9	1.6	1.6	.9	.5	.3	.6	.8	2.0	1.4	.5	.7	.6	.6	.0	.0	.0	.0	.0
155.	.0	1.6	1.6	1.5	.9	.6	.3	.7	.9	2.1	1.2	.6	.7	.6	.6	.0	.0	.0	.0	.0
160.	.0	1.6	1.5	1.5	.9	.5	.3	.7	1.0	2.0	1.1	.6	.7	.6	.6	.0	.0	.0	.0	.0
165.	.0	1.5	1.5	1.4	.9	.5	.3	.7	1.1	1.9	.8	.6	.6	.5	.6	.0	.0	.0	.0	.0
170.	.0	1.5	1.5	1.3	.9	.6	.3	.7	1.1	1.7	.8	.6	.6	.6	.6	.0	.0	.0	.0	.0
175.	.0	1.5	1.4	1.3	.9	.6	.3	.9	1.1	1.6	.7	.6	.6	.6	.6	.0	.0	.0	.0	.0
180.	.0	1.4	1.3	1.3	.8	.6	.3	.9	1.1	1.7	.5	.7	.6	.6	.6	.0	.0	.0	.0	.0
185.	.0	1.3	1.3	1.3	.8	.6	.4	.8	1.0	1.6	.5	.7	.7	.7	.6	.0	.0	.0	.0	.0
190.	.0	1.3	1.3	1.3	.7	.6	.4	.7	1.2	1.3	.6	.6	.8	.7	.6	.0	.0	.0	.0	.0
195.	.0	1.3	1.3	1.2	.6	.6	.4	.7	1.1	1.1	.7	.6	.7	.7	.7	.0	.0	.0	.0	.0
200.	.1	1.3	1.3	1.1	.6	.5	.4	.8	1.1	1.1	.9	.5	.7	.7	.7	.1	.1	.1	.0	.0
205.	.2	1.3	1.3	1.2	.7	.6	.4	.7	1.0	1.2	.9	.6	.7	.7	.7	.1	.1	.1	.1	.0

1

JOB: S3 B1 2015 PM

RUN: S3 B1 2015 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	1.3	1.3	1.2	.9	.8	.4	.6	1.0	.9	.7	.6	.6	.6	.6	.4	.4	.3	.2	.1
215.	.6	1.4	1.4	1.5	1.1	1.0	.7	.6	.8	.7	.6	.4	.6	.6	.5	.5	.6	.6	.4	.1
220.	.8	1.4	1.5	1.7	1.0	1.0	.6	.4	.6	.6	.4	.3	.5	.5	.5	.9	.8	.9	.7	.2
225.	1.1	1.5	1.7	1.7	1.1	.9	.9	.4	.4	.3	.4	.2	.3	.3	.3	1.2	1.1	1.0	.8	.4
230.	1.2	1.5	1.6	1.7	1.2	1.0	.9	.2	.4	.3	.5	.1	.1	.1	.1	1.2	1.2	1.2	1.0	.4
235.	1.3	1.7	1.7	1.6	.9	.9	.7	.1	.2	.2	.4	.0	.0	.0	.0	1.3	1.3	1.2	1.0	.4
240.	1.2	1.6	1.7	1.4	.7	.8	1.0	.1	.2	.2	.5	.0	.0	.0	.0	1.3	1.2	1.3	.9	.4
245.	1.2	1.6	1.7	1.1	.8	.9	.9	.1	.2	.2	.5	.0	.0	.0	.0	1.3	1.2	1.1	1.1	.5
250.	1.1	1.7	1.8	1.1	.7	.8	.9	.1	.2	.2	.5	.0	.0	.0	.0	1.1	1.1	1.1	1.0	.5
255.	1.1	1.6	1.7	1.0	.6	1.0	.8	.0	.2	.2	.4	.0	.0	.0	.0	1.1	1.1	1.1	.9	.5
260.	.9	1.6	1.6	.7	.8	1.0	.8	.0	.1	.2	.4	.0	.0	.0	.0	1.1	1.0	.9	.9	.4
265.	.9	1.6	1.3	.6	.9	1.0	.7	.0	.1	.3	.4	.0	.0	.0	.0	1.0	.9	1.0	.9	.4
270.	1.0	1.5	1.3	.5	1.0	1.0	.7	.0	.1	.3	.3	.0	.0	.0	.0	1.0	.9	1.0	.9	.5
275.	1.0	1.5	1.2	.5	1.2	.8	.6	.0	.1	.2	.3	.0	.0	.0	.0	1.0	1.0	1.0	.9	.5
280.	.9	1.5	1.0	.6	1.2	.7	.5	.0	.2	.1	.3	.0	.0	.0	.0	1.0	.9	1.0	.8	.5
285.	.8	1.4	1.0	.7	1.2	.7	.4	.0	.1	1.2	.2	.0	.0	.0	.0	.9	.8	.9	.8	.4
290.	.8	1.3	.8	.7	1.0	.6	.4	.0	.1	.2	.2	.0	.0	.0	.0	.8	.8	.9	.8	.4
295.	.8	1.1	.8	.7	1.0	.5	.4	.0	.1	.2	.3	.0	.0	.0	.0	.8	.8	.9	.7	.5
300.	.8	1.0	.8	.8	1.0	.4	.4	.0	.0	.2	.3	.0	.0	.0	.0	.8	.8	.9	.7	.5
305.	.8	.7	.6	.8	1.0	.5	.5	.0	.0	.1	.2	.0	.0	.0	.0	.8	.8	.9	.8	.5
310.	.8	.6	.6	.8	.8	.5	.5	.0	.0	.0	.2	.0	.0	.0	.0	1.0	.8	1.0	.9	.6
315.	.8	.6	.5	.7	.7	.5	.5	.0	.0	.0	.1	.2	.0	.0	.0	.9	.8	1.0	1.1	.6
320.	.9	.5	.5	.7	.6	.5	.5	.0	.0	.0	.0	.3	.1	.0	.0	.8	.9	1.0	1.1	.7
325.	.9	.3	.4	.7	.5	.4	.5	.0	.0	.0	.0	.5	.1	.0	.0	.8	.9	1.2	1.0	.8
330.	.9	.3	.4	.7	.5	.4	.5	.0	.0	.0	.0	.5	.1	.1	.0	.8	.9	1.1	.9	.6
335.	.9	.3	.3	.7	.4	.4	.6	.0	.0	.0	.0	.6	.2	.1	.0	.9	.9	1.1	.9	.9
340.	1.2	.2	.3	.6	.5	.5	.5	.0	.0	.0	.0	.5	.2	.1	.0	.9	1.2	1.1	.7	1.1
345.	1.2	.2	.3	.6	.5	.6	.5	.0	.0	.0	.0	.6	.2	.0	.0	1.0	1.2	1.2	.7	1.2
350.	1.3	.2	.2	.5	.5	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	1.0	1.2	1.2	.8	1.3
355.	1.3	.2	.2	.5	.5	.6	.5	.0	.0	.0	.0	.6	.3	.2	.0	1.0	1.3	1.1	.7	1.3
360.	1.3	.2	.2	.4	.6	.6	.4	.0	.0	.0	.0	.7	.3	.2	.0	1.0	1.3	1.0	.8	1.4
MAX DEGR.	1.4	1.9	1.8	1.7	1.2	1.0	1.0	.9	1.2	2.1	1.8	1.5	1.5	1.3	1.0	1.3	1.3	1.3	1.5	1.8
	20	145	250	220	230	215	240	175	190	155	135	115	110	100	70	5	0	240	115	110

1

JOB: S3 B1 2015 PM

RUN: S3 B1 2015 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.6 1.4
 5. * 1.5 1.4
10. * 1.5 1.3
15. * 1.3 1.3
20. * 1.3 1.3
25. * 1.2 1.3
30. * 1.2 1.2
35. * 1.3 1.2
40. * 1.3 1.2
45. * 1.3 1.2
50. * 1.2 1.2
55. * 1.2 1.3
60. * 1.2 1.3
65. * 1.2 1.3
70. * 1.3 1.3
75. * 1.3 1.4
80. * 1.3 1.4
85. * 1.4 1.5
90. * 1.4 1.5
95. * 1.4 1.5
100. * 1.4 1.7
105. * 1.6 1.7
110. * 1.8 1.7
115. * 1.8 1.9
120. * 1.7 1.6
125. * 1.6 1.4
130. * 1.2 1.1
135. * .9 .9
140. * .4 .4
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 B1 2015 PM

RUN: S3 B1 2015 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .4 .2
240. * .4 .2
245. * .3 .2
250. * .3 .1
255. * .3 .2
260. * .4 .2
265. * .4 .2
270. * .3 .2
275. * .3 .1
280. * .3 .1
285. * .4 .1
290. * .4 .2
295. * .5 .3
300. * .4 .3
305. * .3 .6
310. * .6 .8
315. * .7 .8
320. * .9 1.1
325. * .8 1.4
330. * 1.1 1.5
335. * 1.3 1.6
340. * 1.4 1.6
345. * 1.5 1.6
350. * 1.6 1.6
355. * 1.6 1.5
360. * 1.6 1.4
-----*-----
MAX * 1.8 1.9
DEGR. * 115 115

```

THE HIGHEST CONCENTRATION IS 2.10 PPM AT 155 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.90 PPM AT 115 DEGREES FROM REC22.

1

JOB: S3 B1 2015 PM

DATE: 12/24/2006 TIME: 21:38:53.83

RUN: S3 B1 2015 PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B115PM.OUT

		ANGLE (DEGREES)																			
LINK #	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		20	145	250	220	230	215	240	175	190	155	135	115	110	100	70	5	0	240	115	110
1	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2	*	.0	.3	.3	.3	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.2	.2
3	*	.0	1.0	.7	.6	.1	.2	.0	.2	.1	.4	.6	.5	.4	.3	.1	.0	.0	.0	.6	.7
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.3	.2	.1	.0	.1	.0	.1	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.3	.4
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.3	.4
16	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.2	.0	.0
19	*	.4	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.1	.2	.2	.1	.0	.3	.3	.0	.0
20	*	.6	.0	.3	.4	.4	.3	.1	.0	.1	.0	.0	.1	.3	.3	.3	.7	.6	.8	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	.0	.0	.0
23	*	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.1	.0	.0	.0	.0	.0	.1	.0	.4	.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.0	.0	.0	.0	.0	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B1 2015 PM
DATE: 12/24/2006 TIME: 21:38:53.83

RUN: S3 B1 2015 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)	
		REC21	REC22
LINK #	*	115	115
1	*	.1	.2
2	*	.2	.1
3	*	.7	.8
4	*	.0	.0
5	*	.4	.4
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.3	.2
16	*	.1	.2
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0

S3B215AM.DAT

S3 B2 2015 AM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.
REC 2	164'	SE CORNER	262176.	530165.	5.
REC 3	82'	SE CORNER	262120.	530219.	5.
REC 4		SE CORNER	262072.	530268.	5.
REC 4		SE CORNER	262098.	530349.	5.
REC 6	164'	ES CORNER	262154.	530413.	5.
REC 7	400'	ES CORNER	262306.	530598.	5.
REC 8	400'	EN CORNER	262195.	530686.	5.
REC 9	164'	EN CORNER	262034.	530516.	5.
REC 10	164'	EN CORNE	261980.	530447.	5.
REC 11		NE CORNER	261922.	530419.	5.
REC 12		NW CORNER	261794.	530257.	5.
REC 13	82'	WN CORNER	261763.	530182.	5.
REC 14	164'	WN CORNE	261708.	530118.	5.
REC 15	400'	WN CORNE	261546.	529940.	5.
REC 16	400'	WS CORNE	261679.	529849.	5.
REC 17	164'	WS CORNE	261834.	530028.	5.
REC 18	82'	WS CORNER	261888.	530090.	5.
REC 19		SW CORNER	261953.	530146.	5.
REC 20	82'	SW CORNER	262029.	530103.	5.
REC 21	164'	SW CORNE	262081.	530059.	5.
REC 22	400'	SW CORNE	262223.	529940.	5.

S3 B2 2015 AM 34 1 1

1		NB all	355	AG262726.529646.262368.529919.	1600	3.1	0. 68.	35.
1		NB T	355	AG262368.529919.261955.530285.	1325	3.1	0. 80.	35.
2								
3		NBT	355	AG262013.530234.262123.530136.	0. 60.	5		
150			108	2.0 1325 33.4 1598 3 3				
1								
29		NB	355 L	AG262351.529910.261995.530214.	275	3.1	0. 32.	35.
2								
28		NB	355 L	AG262003.530207.262061.530158.	0. 24.	2		
150			132	2.0 275 33.4 1770 3 3				
1								
30		NB	355 L	AG261995.530214.261936.530262.	275	3.1	0. 32.	35.
1								
4		NB dp	355	AG261955.530285.261596.530602.	1275	3.1	0. 68.	35.
1								
5		NB dp	355	AG261596.530602.261206.530930.	1275	3.1	0. 68.	35.
1								
31		SB	355 L	AG261535.530602.261837.530345.	175	3.1	0. 32.	35.
2								
28		SB	355 L	AG261833.530349.261743.530425.	0. 24.	2		
150			126	2.0 175 33.4 1770 3 3				
1								
32		SB	355 L	AG261837.530345.261928.530269.	175	3.1	0. 32.	35.
1								
6		SB MD	355	AG261171.530898.261465.530639.	2000	3.1	0. 68.	35.
1								
7		SB MD	355	AG261465.530639.261918.530238.	2000	3.1	0. 68.	35.
2								
8		SB	355	AG261808.530335.261691.530439.	0. 48.	4		
150			103	2.0 2000 33.4 1667 3 3				
1								
9		SB dp	355	AG261918.530238.262329.529899.	4025	3.1	0. 56.	35.
1								
10		SB dp	355	AG262329.529899.262697.529607.	4025	3.1	0. 56.	35.
1								
11		EB SHD all	AG261274.529514.261463.529675.	2725	3.1	0. 68.	35.	
1								
12		EB SHD all	AG261463.529675.261758.530009.	2725	3.1	0. 68.	35.	
1								
13		EB SH T	GRAG261758.530009.261969.530256.	2625	3.1	0. 68.	35.	
2								
14		EB SG T	AG261920.530199.261822.530084.	0. 48.	4			
150			104	2.0 2625 33.4 1383 3 3				
1								
21		EB SHDY L	AG261699.529992.261934.530258.	100	3.1	0. 44.	35.	
2								
22		EB SG L	AG261891.530209.261797.530102.	0. 24.	2			
150			104	2.0 100 33.4 1434 3 3				
1								
15		EB SHDY dp	AG261969.530256.262204.530526.	2150	3.1	0. 56.	35.	
1								
16		EB SHDY dp	AG262204.530526.262474.530885.	2150	3.1	0. 56.	35.	
1								
17		EB SHDY dp	AG262474.530885.262575.531030.	2150	3.1	0. 56.	35.	
1								
18		WB SHDYall	AG262529.531064.262224.530640.	2675	3.1	0. 56.	35.	
1								
23		WB SG all	AG262224.530640.262090.530497.	2675	3.1	0. 68.	35.	
1								
24		WB SGT	AG262090.530497.261906.530286.	1300	3.1	0. 80.	35.	
2								
25		WB SG T	AG261962.530350.262066.530470.	0. 60.	5			
150			105	2.0 1300 33.4 1433 3 3				
1								
27		WB SG L	AG262171.530532.261947.530269.	1375	3.1	0. 44.	35.	
2								
28		WB SG L	AG261993.530323.262095.530442.	0. 24.	2			
150			105	2.0 1375 33.4 1345 3 3				
1								
26		WB SG dp	AG261906.530286.261623.529966.	1725	3.1	0. 68.	35.	
1								
19		WB SHD dp	AG261623.529966.261365.529670.	1725	3.1	0. 68.	35.	
1								
20		WB SHD dp	AG261365.529670.261222.529563.	1725	3.1	0. 68.	35.	
1.0	0.4 1000. 0.0Y	5 0 72						

JOB: S3 B2 2015 AM
DATE: 12/24/2006 TIME: 21:48:32.64

RUN: S3 B2 2015 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	1600.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	1325.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	262129.9	530129.9	* 156.	132. AG	323.	100.0	.0	60.0	.66 7.9
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	275.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	262091.5	530132.2	* 116.	130. AG	158.	100.0	.0	24.0	.83 5.9
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	275.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	1275.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	1275.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	175.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261787.2	530387.7	* 60.	310. AG	151.	100.0	.0	24.0	.37 3.0
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	175.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	2000.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	2000.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261345.4	530746.2	* 619.	312. AG	246.	100.0	.0	48.0	1.05 31.4
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	4025.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	4025.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	2725.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	2725.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	2625.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259855.5	527777.0	* 3182.	220. AG	248.	100.0	.0	48.0	1.70 161.7
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	100.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261872.2	530187.6	* 28.	221. AG	124.	100.0	.0	24.0	.12 1.4
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2150.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2150.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2150.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	2675.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	2675.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1300.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262059.8	530462.9	* 149.	41. AG	314.	100.0	.0	60.0	.66 7.6
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	1375.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	264412.8	533146.0	* 3718.	41. AG	125.	100.0	.0	24.0	1.87 188.9
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1725.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1725.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1725.	3.1	.0	68.0	

JOB: S3 B2 2015 AM
DATE: 12/24/2006 TIME: 21:48:32.64

RUN: S3 B2 2015 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3.	3	NBT	355	150	108	2.0	1325	1598	33.40	3	3
5.	28	NB	355 L	150	132	2.0	275	1770	33.40	3	3
10.	28	SB	355 L	150	126	2.0	175	1770	33.40	3	3
14.	8	SB	355	150	103	2.0	2000	1667	33.40	3	3
20.	14	EB	SG T	150	104	2.0	2625	1383	33.40	3	3
22.	22	EB	SG L	150	104	2.0	100	1434	33.40	3	3
29.	25	WB	SG T	150	105	2.0	1300	1433	33.40	3	3
31.	28	WB	SG L	150	105	2.0	1375	1345	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR		X	COORDINATES (FT)	Z
			Y	
1.	REC 1 400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2 164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3 82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4 SE CORNER	262072.0	530268.0	5.0
5.	REC 4 SE CORNER	262098.0	530349.0	5.0
6.	REC 6 164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7 400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8 400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9 164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10 164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11 NE CORNER	261922.0	530419.0	5.0
12.	REC 12 NW CORNER	261794.0	530257.0	5.0
13.	REC 13 82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14 164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15 400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16 400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17 164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18 82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19 SW CORNER	261953.0	530146.0	5.0
20.	REC 20 82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21 164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22 400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 B2 2015 AM

RUN: S3 B2 2015 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.3	.1	.2	.6	.7	.6	.6	.0	.0	.0	.0	.6	.4	.3	.1	1.2	1.3	1.1	.8	1.5
5.	1.3	.1	.3	.5	.6	.6	.6	.0	.0	.0	.0	.6	.3	.3	.1	1.3	1.3	1.1	1.0	1.5
10.	1.2	.1	.2	.6	.6	.6	.7	.0	.0	.0	.0	.5	.4	.3	.1	1.3	1.2	.9	1.1	1.5
15.	1.2	.1	.2	.5	.7	.8	.7	.0	.0	.0	.0	.5	.4	.3	.1	1.2	1.2	1.0	1.0	1.5
20.	1.2	.1	.3	.5	.9	.8	.7	.0	.0	.0	.0	.4	.3	.2	.1	1.2	1.2	1.1	1.2	1.4
25.	1.1	.1	.3	.5	.8	.8	.6	.0	.0	.0	.0	.4	.2	.2	.1	1.4	1.1	1.0	1.1	1.3
30.	1.0	.1	.1	.5	.8	.7	.6	.2	.0	.0	.0	.4	.3	.5	.1	1.2	1.0	1.0	1.1	1.3
35.	1.1	.1	.1	.4	.7	.6	.6	.2	.2	.2	.1	.4	.4	.4	.3	1.0	1.1	.8	1.2	1.3
40.	.9	.1	.1	.2	.4	.4	.3	.4	.3	.4	.2	.4	.4	.4	.4	.8	.9	.9	1.1	1.3
45.	.6	.0	.1	.1	.4	.4	.3	.4	.4	.5	.4	.6	.6	.5	.5	.8	.6	.8	1.0	1.3
50.	.7	.0	.0	.1	.2	.1	.1	.5	.5	.7	.5	.7	.8	.4	.7	.5	.7	.6	1.1	1.2
55.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.8	.6	.8	.6	.7	.7	.3	.4	.6	1.0	1.2
60.	.4	.0	.0	.0	.0	.0	.0	.6	.6	.8	.6	.9	.6	.8	.7	.2	.4	.6	1.1	1.2
65.	.4	.0	.0	.0	.0	.0	.0	.6	.5	.8	.7	.8	.8	.7	.9	.1	.4	.6	1.1	1.0
70.	.2	.0	.0	.0	.0	.0	.0	.5	.5	.9	.8	.7	.7	.7	1.0	.1	.2	.6	1.1	1.0
75.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.1	.8	.5	.6	.8	1.0	.1	.2	.5	1.1	.9
80.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	.5	.8	.8	.8	.0	.2	.5	1.0	.7
85.	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.1	.9	.5	.9	.8	.7	.0	.1	.3	1.0	.7
90.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.5	.9	.8	.5	.0	.1	.3	1.1	.7
95.	.1	.0	.0	.0	.0	.0	.0	.5	.6	1.2	1.0	.7	1.1	.8	.5	.0	.1	.3	.9	.7
100.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.9	1.0	.7	.5	.0	.1	.2	.8	.6
105.	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.8	1.0	.7	.5	.0	.2	.2	.8	.6
110.	.1	.0	.0	.0	.0	.0	.0	.5	.6	1.2	1.0	1.0	.7	.6	.5	.0	.1	.2	.6	.7
115.	.1	.0	.0	.0	.0	.0	.0	.5	.5	1.1	1.0	1.0	.6	.5	.5	.0	.1	.2	.7	.7
120.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.2	1.0	.9	.6	.6	.5	.0	.0	.2	.4	.7
125.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.3	1.1	.8	.7	.6	.6	.0	.0	.1	.4	.5
130.	.0	.1	.1	.0	.0	.0	.0	.5	.4	1.3	1.0	.7	.6	.6	.6	.0	.0	.0	.3	.5
135.	.0	.2	.2	.4	.0	.0	.0	.5	.5	1.3	1.2	.6	.6	.6	.6	.0	.0	.0	.1	.4
140.	.0	.3	.3	.4	.1	.0	.0	.5	.5	1.3	1.2	.5	.6	.6	.5	.0	.0	.0	.1	.2
145.	.0	.3	.4	.5	.1	.0	.0	.5	.6	1.3	1.3	.5	.5	.5	.5	.0	.0	.0	.0	.1
150.	.0	.3	.4	.6	.2	.1	.0	.5	.7	1.5	1.1	.5	.5	.5	.5	.0	.0	.0	.0	.1
155.	.0	.4	.5	.7	.3	.1	.0	.5	1.1	1.5	1.0	.5	.5	.5	.5	.0	.0	.0	.0	.0
160.	.0	.3	.6	.8	.3	.1	.0	.5	1.2	1.7	1.0	.5	.6	.7	.5	.0	.0	.0	.0	.0
165.	.0	.3	.6	1.0	.4	.1	.0	.5	1.2	1.7	.5	.5	.7	.7	.6	.0	.0	.0	.0	.0
170.	.0	.3	.7	1.0	.4	.1	.0	.5	1.3	1.7	.7	.5	.7	.7	.6	.0	.0	.0	.0	.0
175.	.0	.3	.8	1.1	.5	.2	.0	.5	1.3	1.5	.6	.5	.7	.7	.7	.0	.0	.0	.0	.0
180.	.0	.3	.8	1.2	.6	.2	.0	.6	1.4	1.4	.6	.5	.8	.7	.7	.0	.0	.0	.0	.0
185.	.0	.3	.9	1.2	.6	.3	.0	.7	1.3	1.4	.8	.5	.8	.7	.7	.0	.0	.0	.0	.0
190.	.0	.3	1.0	1.2	.6	.3	.1	.7	1.4	1.1	.8	.7	.7	.7	.7	.0	.0	.0	.0	.0
195.	.0	.3	1.1	1.2	.6	.4	.2	.8	1.5	1.0	.7	.6	.7	.7	.7	.0	.0	.0	.0	.0
200.	.1	.3	1.1	1.2	.6	.4	.2	1.0	1.2	1.0	.7	.6	.8	.7	.8	.1	.1	.1	.0	.0
205.	.1	.3	1.1	1.3	.7	.5	.3	1.0	1.0	1.0	.8	.6	.8	.9	.7	.1	.1	.1	.1	.0

1

JOB: S3 B2 2015 AM

RUN: S3 B2 2015 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																				
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
210.	*	.4	.4	1.3	1.3	.8	.7	.4	.8	1.0	1.0	.7	.6	.8	.9	.7	.3	.4	.3	.2	.1
215.	*	.6	.5	1.3	1.4	1.0	.8	.7	.6	.8	.8	.6	.5	.8	.8	.6	.6	.6	.5	.1	
220.	*	.8	.6	1.4	1.5	1.0	.8	.7	.5	.6	.8	.5	.4	.5	.5	.4	.8	.8	.7	.2	
225.	*	1.1	.7	1.5	1.7	1.0	.9	.6	.4	.4	.6	.2	.3	.4	.3	1.1	1.1	1.0	.9	.3	
230.	*	1.2	.9	1.6	1.6	1.0	.9	.9	.3	.3	.4	.5	.1	.2	.2	1.2	1.2	1.2	.9	.5	
235.	*	1.3	1.0	1.8	1.4	.8	.9	1.0	.1	.1	.3	.4	.0	.0	.0	1.3	1.3	1.2	1.0	.5	
240.	*	1.3	1.2	1.7	1.3	.8	.7	1.0	.1	.1	.4	.5	.0	.0	.0	1.3	1.3	1.2	1.0	.5	
245.	*	1.2	1.2	1.6	1.1	.7	1.0	.8	.1	.1	.5	.5	.0	.0	.0	1.3	1.2	1.2	1.0	.5	
250.	*	1.0	1.3	1.6	.8	.6	1.0	.7	.1	.2	.5	.6	.0	.0	.0	1.2	1.1	1.2	.9	.5	
255.	*	1.2	1.4	1.6	.7	.6	1.0	.7	.1	.2	.4	.6	.0	.0	.0	1.2	1.1	1.0	.9	.4	
260.	*	1.1	1.5	1.5	.7	.8	1.1	.6	.1	.2	.4	.6	.0	.0	.0	1.1	1.1	1.0	.9	.4	
265.	*	1.1	1.5	1.5	.7	1.0	1.1	.6	.1	.2	.4	.5	.0	.0	.0	1.1	1.1	1.0	.9	.4	
270.	*	1.0	1.5	1.1	.4	1.2	1.2	.6	.1	.2	.4	.5	.0	.0	.0	1.0	1.1	1.0	.9	.5	
275.	*	.9	1.4	1.0	.4	1.3	1.2	.6	.1	.2	.4	.5	.0	.0	.0	1.0	.9	.9	.8	.5	
280.	*	.9	1.3	1.0	.5	1.4	1.2	.6	.0	.2	.4	.5	.0	.0	.0	.9	.9	.9	.8	.5	
285.	*	.9	1.3	.8	.7	1.4	1.2	.5	.0	.1	.3	.5	.0	.0	.0	.9	.9	.9	.8	.5	
290.	*	.9	1.1	.8	.6	1.3	1.0	.5	.0	.1	.2	.5	.0	.0	.0	.9	.9	.9	.8	.6	
295.	*	.9	1.1	.8	.8	1.3	1.0	.6	.0	.1	.2	.5	.0	.0	.0	.9	.9	.9	1.0	.5	
300.	*	.9	.8	.8	.9	1.2	.9	.6	.0	.0	.1	.3	.1	.0	.0	.9	.9	.9	1.0	.5	
305.	*	.9	.8	.7	1.0	1.2	.8	.5	.0	.0	.1	.1	.1	.0	.0	.9	.9	.9	1.2	.8	
310.	*	.9	.5	.4	.8	1.1	.7	.5	.0	.0	.0	.1	.3	.1	.0	.9	.9	1.0	1.2	.8	
315.	*	1.0	.5	.5	.8	1.1	.6	.5	.0	.0	.0	.0	.5	.1	.0	.9	1.0	1.1	1.2	.8	
320.	*	1.0	.4	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.0	1.2	1.4	
325.	*	1.0	.4	.4	.8	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.0	1.3	1.3	
330.	*	1.1	.4	.4	.8	1.0	.6	.5	.0	.0	.0	.0	.8	.4	.1	.0	.8	1.1	1.3	1.1	
335.	*	1.2	.3	.4	.8	.9	.6	.5	.0	.0	.0	.0	.8	.4	.2	.0	.9	1.2	1.2	1.0	
340.	*	1.2	.3	.4	.8	.9	.6	.5	.0	.0	.0	.0	.8	.4	.2	.0	.9	1.2	1.2	.8	
345.	*	1.2	.3	.4	.8	.8	.6	.5	.0	.0	.0	.0	.8	.4	.3	.1	1.1	1.2	1.1	.8	
350.	*	1.3	.2	.3	.7	.8	.6	.5	.0	.0	.0	.0	.9	.4	.3	.1	1.1	1.2	1.1	.7	
355.	*	1.2	.2	.3	.6	.7	.6	.6	.0	.0	.0	.0	.7	.4	.3	.1	1.1	1.2	1.2	.6	
360.	*	1.3	.1	.2	.6	.7	.6	.6	.0	.0	.0	.6	.4	.3	.1	1.2	1.3	1.1	.8	1.5	
MAX	*	1.3	1.5	1.8	1.7	1.4	1.2	1.0	1.0	1.5	1.7	1.3	1.0	1.1	.9	1.0	1.4	1.3	1.3	1.4	
DEGR	*	0	260	235	225	280	270	235	200	195	160	145	105	95	205	70	25	0	325	320	

1

JOB: S3 B2 2015 AM

RUN: S3 B2 2015 AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.5 .6
 5. * 1.4 .6
10. * 1.2 .6
15. * 1.2 .6
20. * 1.2 .5
25. * 1.0 .5
30. * .9 .6
35. * .9 .5
40. * .8 .5
45. * .6 .5
50. * .6 .5
55. * .5 .4
60. * .4 .4
65. * .5 .4
70. * .5 .5
75. * .5 .5
80. * .5 .5
85. * .5 .5
90. * .5 .5
95. * .6 .6
100. * .6 .7
105. * .6 .7
110. * .7 .7
115. * .7 .6
120. * .6 .7
125. * .5 .6
130. * .4 .3
135. * .3 .3
140. * .2 .2
145. * .1 .1
150. * .1 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0
1

```

JOB: S3 B2 2015 AM

RUN: S3 B2 2015 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .3 .1
235. * .3 .2
240. * .4 .2
245. * .4 .2
250. * .4 .2
255. * .3 .2
260. * .2 .2
265. * .3 .2
270. * .3 .1
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .4 .2
295. * .4 .2
300. * .5 .4
305. * .6 .5
310. * .8 .7
315. * .9 .7
320. * 1.2 1.0
325. * 1.0 1.1
330. * 1.1 1.0
335. * 1.2 .9
340. * 1.3 .9
345. * 1.6 .9
350. * 1.5 .7
355. * 1.5 .6
360. * 1.5 .6
-----*-----
MAX * 1.6 1.1
DEGR. * 345 325

```

```

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 235 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS 1.70 PPM AT 225 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS 1.70 PPM AT 160 DEGREES FROM REC10.
1

```

JOB: S3 B2 2015 AM
DATE: 12/24/2006 TIME: 21:48:32.64

RUN: S3 B2 2015 AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B215AM.OUT

		ANGLE (DEGREES)																			
LINK	#	REC1 0	REC2 260	REC3 235	REC4 225	REC5 280	REC6 270	REC7 235	REC8 200	REC9 195	REC10 160	REC11 145	REC12 105	REC13 95	REC14 205	REC15 70	REC16 25	REC17 0	REC18 325	REC19 320	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.7	.7	.6	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.0
14	*	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.0
15	*	.0	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.2	.2	.0	.1	.0	.0	.0	.1	.4
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0
19	*	.3	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.3	.2	.2	.0
20	*	.7	.2	.4	.5	.0	.0	.1	.1	.1	.0	.0	.1	.3	.5	.4	.8	.7	.6	.4	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	*	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
24	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.4	.4	.2	.1	.7	.8	.4	.0	.0	.0	.0	.1	.0	.0	.0	.2
30	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1
32	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B2 2015 AM
 DATE: 12/24/2006 TIME: 21:48:32.64

RUN: S3 B2 2015 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)	
		ANGLE (DEGREES)	
LINK #	*	REC21 345	REC22 325
1	*	.0	.0
2	*	.1	.1
3	*	.5	.2
4	*	.0	.0
5	*	.2	.1
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.1
15	*	.5	.5
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.1	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.1	.1
30	*	.0	.0
31	*	.1	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0

S3B215PM.DAT

S3 B2 2015 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 B2 2015 PM	34	1	1

1							
1	NB	all	355	AG262726.529646.262368.529919.	4075	3.1	0. 68. 35.
2	NB	T	355	AG262368.529919.261955.530285.	3675	3.1	0. 80. 35.
3	NBT		355	AG262013.530234.262123.530136.	0.	60.	5
150			101	2.0 3675 33.4 1598 3 3			
29	NB		355	L AG262351.529910.261995.530214.	400	3.1	0. 32. 35.
28	NB		355	L AG262003.530207.262061.530158.	0.	24.	2
150			141	2.0 400 33.4 1770 3 3			
30	NB		355	L AG261995.530214.261936.530262.	400	3.1	0. 32. 35.
4	NB	dp	355	AG261955.530285.261596.530602.	3625	3.1	0. 68. 35.
5	NB	dp	355	AG261596.530602.261206.530930.	3625	3.1	0. 68. 35.
31	SB		355	L AG261535.530602.261837.530345.	100	3.1	0. 32. 35.
28	SB		355	L AG261833.530349.261743.530425.	0.	24.	2
150			132	2.0 100 33.4 1770 3 3			
32	SB		355	L AG261837.530345.261928.530269.	100	3.1	0. 32. 35.
6	SB	MD	355	AG261171.530898.261465.530639.	950	3.1	0. 68. 35.
7	SB	MD	355	AG261465.530639.261918.530238.	950	3.1	0. 68. 35.
8	SB		355	AG261808.530335.261691.530439.	0.	48.	4
150			92	2.0 950 33.4 1667 3 3			
9	SB	dp	355	AG261918.530238.262329.529899.	2725	3.1	0. 56. 35.
10	SB	dp	355	AG262329.529899.262697.529607.	2725	3.1	0. 56. 35.
11	EB	SHD	all	AG261274.529514.261463.529675.	3975	3.1	0. 68. 35.
12	EB	SHD	all	AG261463.529675.261758.530009.	3975	3.1	0. 68. 35.
13	EB	SH	T	GRAG261758.530009.261969.530256.	3350	3.1	0. 68. 35.
14	EB	SG	T	AG261920.530199.261822.530084.	0.	48.	4
150			93	2.0 3350 33.4 1368 3 3			
21	EB	SHDY	L	AG261699.529992.261934.530258.	625	3.1	0. 44. 35.
22	EB	SG	L	AG261891.530209.261797.530102.	0.	24.	2
150			93	2.0 625 33.4 1434 3 3			
15	EB	SHDY	dp	AG261969.530256.262204.530526.	2925	3.1	0. 56. 35.
16	EB	SHDY	dp	AG262204.530526.262474.530885.	2925	3.1	0. 56. 35.
17	EB	SHDY	dp	AG262474.530885.262575.531030.	2925	3.1	0. 56. 35.
18	WB	SHDY	all	AG262529.531064.262224.530640.	1225	3.1	0. 56. 35.
23	WB	SG	all	AG262224.530640.262090.530497.	1225	3.1	0. 68. 35.
24	WB	SGT		AG262090.530497.261906.530286.	675	3.1	0. 80. 35.
25	WB	SG	T	AG261962.530350.262066.530470.	0.	60.	5
150			118	2.0 675 33.4 1434 3 3			
27	WB	SG	L	AG262171.530532.261947.530269.	550	3.1	0. 44. 35.
28	WB	SG	L	AG261993.530323.262095.530442.	0.	24.	2
150			118	2.0 550 33.4 1345 3 3			
26	WB	SG	dp	AG261906.530286.261623.529966.	1050	3.1	0. 68. 35.
19	WB	SHD	dp	AG261623.529966.261365.529670.	1050	3.1	0. 68. 35.
20	WB	SHD	dp	AG261365.529670.261222.529563.	1050	3.1	0. 68. 35.
1.0	0.4	1000.	0.0Y	5 0 72			

JOB: S3 B2 2015 PM
DATE: 12/24/2006 TIME: 21:52:45.40

RUN: S3 B2 2015 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	4075.	3.1	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	3675.	3.1	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	264318.9	528179.5	* 3088.	132. AG	302. 100.0	.0	60.0	1.53	156.9
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	400.	3.1	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	263278.0	529129.8	* 1669.	130. AG	168. 100.0	.0	24.0	3.39	84.8
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	400.	3.1	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	3625.	3.1	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	3625.	3.1	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	100.	3.1	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261805.4	530372.3	* 36.	310. AG	158. 100.0	.0	24.0	.30	1.8
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	100.	3.1	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	950.	3.1	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	950.	3.1	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261718.9	530414.2	* 119.	312. AG	220. 100.0	.0	48.0	.40	6.1
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	2725.	3.1	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	2725.	3.1	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	3975.	3.1	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	3975.	3.1	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	3350.	3.1	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259263.7	527082.8	* 4095.	220. AG	222. 100.0	.0	48.0	1.73	208.0
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	625.	3.1	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261786.3	530089.8	* 159.	221. AG	111. 100.0	.0	24.0	.62	8.1
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2925.	3.1	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2925.	3.1	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2925.	3.1	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	1225.	3.1	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	1225.	3.1	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	675.	3.1	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262019.1	530415.9	* 87.	41. AG	352. 100.0	.0	60.0	.51	4.4
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	550.	3.1	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	262317.1	530701.1	* 498.	41. AG	141. 100.0	.0	24.0	1.10	25.3
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1050.	3.1	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1050.	3.1	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1050.	3.1	.0	68.0	

JOB: S3 B2 2015 PM
DATE: 12/24/2006 TIME: 21:52:45.40

RUN: S3 B2 2015 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	*	150	101	2.0	3675	1598	33.40	3	3
5. 28	NB	355 L	*	150	141	2.0	400	1770	33.40	3	3
10. 28	SB	355 L	*	150	132	2.0	100	1770	33.40	3	3
14. 8	SB	355	*	150	92	2.0	950	1667	33.40	3	3
20. 14	EB	SG T	*	150	93	2.0	3350	1368	33.40	3	3
22. 22	EB	SG L	*	150	93	2.0	625	1434	33.40	3	3
29. 25	WB	SG T	*	150	118	2.0	675	1434	33.40	3	3
31. 28	WB	SG L	*	150	118	2.0	550	1345	33.40	3	3

RECEPTOR LOCATIONS

			COORDINATES (FT)		
RECEPTOR			X	Y	Z
1. REC 1	400'	SE CORNER	261835.0	530030.0	5.0
2. REC 2	164'	SE CORNER	262176.0	530165.0	5.0
3. REC 3	82'	SE CORNER	262120.0	530219.0	5.0
4. REC 4	SE	CORNER	262072.0	530268.0	5.0
5. REC 4	SE	CORNER	262098.0	530349.0	5.0
6. REC 6	164'	ES CORNER	262154.0	530413.0	5.0
7. REC 7	400'	ES CORNER	262306.0	530598.0	5.0
8. REC 8	400'	EN CORNER	262195.0	530686.0	5.0
9. REC 9	164'	EN CORNER	262034.0	530516.0	5.0
10. REC 10	164'	EN CORNE	261980.0	530447.0	5.0
11. REC 11	NE	CORNER	261922.0	530419.0	5.0
12. REC 12	NW	CORNER	261794.0	530257.0	5.0
13. REC 13	82'	WN CORNER	261763.0	530182.0	5.0
14. REC 14	164'	WN CORNE	261708.0	530118.0	5.0
15. REC 15	400'	WN CORNE	261546.0	529940.0	5.0
16. REC 16	400'	WS CORNE	261679.0	529849.0	5.0
17. REC 17	164'	WS CORNE	261834.0	530028.0	5.0
18. REC 18	82'	WS CORNER	261888.0	530090.0	5.0
19. REC 19	SW	CORNER	261953.0	530146.0	5.0
20. REC 20	82'	SW CORNER	262029.0	530103.0	5.0
21. REC 21	164'	SW CORNE	262081.0	530059.0	5.0
22. REC 22	400'	SW CORNE	262223.0	529940.0	5.0

JOB: S3 B2 2015 PM

RUN: S3 B2 2015 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.3	.2	.2	.4	.6	.6	.6	.0	.0	.0	.0	.7	.3	.2	.0	1.1	1.3	1.1	.8	1.4
5.	1.1	.1	.2	.4	.6	.7	.5	.0	.0	.0	.0	.6	.3	.2	.0	1.3	1.1	1.1	1.0	1.4
10.	1.1	.2	.2	.4	.6	.8	.5	.0	.0	.0	.0	.6	.3	.2	.0	1.3	1.1	1.2	.9	1.6
15.	1.3	.2	.3	.4	.6	.6	.5	.0	.0	.0	.0	.6	.2	.2	.0	1.3	1.3	1.2	.9	1.4
20.	1.4	.1	.3	.5	.7	.6	.6	.0	.0	.0	.0	.5	.2	.2	.1	1.1	1.4	1.2	1.0	1.4
25.	1.2	.0	.2	.4	.6	.6	.3	.0	.0	.0	.0	.5	.2	.2	.1	1.1	1.2	1.1	1.1	1.5
30.	1.2	.0	.1	.3	.6	.6	.3	.0	.0	.0	.0	.4	.1	.2	.1	1.0	1.2	1.0	1.2	1.3
35.	1.1	.0	.0	.3	.5	.5	.2	.1	.0	.0	.0	.4	.2	.3	.0	.9	1.1	.9	1.0	1.3
40.	.9	.0	.0	.3	.4	.3	.2	.1	.0	.0	.0	.5	.4	.4	.1	.9	.9	.8	1.0	1.3
45.	.8	.0	.0	.0	.3	.2	.1	.1	.1	.2	.1	.5	.5	.5	.4	.7	.8	.8	1.0	1.3
50.	.7	.0	.0	.0	.2	.2	.1	.2	.3	.3	.2	.6	.5	.5	.4	.7	.7	.5	1.0	1.2
55.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.6	.5	.7	.6	.4	.5	.5	1.0	1.2
60.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.6	.6	.9	.7	.3	.5	.6	1.0	1.2
65.	.5	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.6	.6	.8	.9	.3	.5	.6	1.0	1.2
70.	.5	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.5	.8	.8	1.0	.4	.5	.6	1.1	1.3
75.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.6	.8	1.0	.9	.3	.5	.6	1.1	1.3
80.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.7	.9	1.3	.9	.3	.5	.7	1.1	1.3
85.	.6	.0	.0	.0	.0	.0	.0	.3	.5	.4	.6	.7	1.0	1.3	.9	.3	.6	.7	1.2	1.4
90.	.6	.0	.0	.0	.0	.0	.0	.3	.4	.4	.7	.7	1.2	1.2	.9	.3	.6	.7	1.2	1.4
95.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.4	.7	.7	1.3	1.2	.9	.3	.6	.7	1.3	1.4
100.	.6	.0	.0	.0	.0	.0	.0	.4	.4	.5	.8	.9	1.3	1.3	.9	.3	.6	.8	1.3	1.4
105.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.5	.8	1.1	1.4	1.3	.9	.3	.5	.8	1.4	1.5
110.	.5	.0	.0	.0	.0	.0	.0	.4	.3	.5	.8	1.3	1.5	1.1	.9	.3	.5	.9	1.4	1.8
115.	.5	.1	.1	.1	.0	.0	.0	.4	.3	.6	.9	1.5	1.5	1.1	.8	.2	.4	.9	1.5	1.8
120.	.4	.3	.3	.3	.1	.0	.0	.4	.3	.8	.9	1.5	1.4	1.0	.7	.1	.4	.7	1.3	1.7
125.	.3	.7	.7	.6	.1	.1	.0	.4	.4	.9	1.3	1.4	1.1	.9	.7	.1	.3	.4	1.3	1.5
130.	.2	1.0	1.0	1.0	.3	.1	.0	.4	.4	1.3	1.4	1.3	1.0	.7	.6	.0	.2	.3	.9	1.2
135.	.1	1.4	1.4	1.3	.6	.3	.1	.5	.6	1.5	1.8	.9	.8	.6	.6	.0	.1	.1	.5	.8
140.	.0	1.8	1.8	1.6	.8	.4	.1	.5	.7	1.8	1.8	.8	.8	.5	.6	.0	.0	.1	.3	.4
145.	.0	1.9	1.8	1.7	.9	.5	.2	.6	.7	1.9	1.7	.7	.7	.5	.6	.0	.0	.0	.1	.2
150.	.0	1.9	1.6	1.6	.9	.5	.3	.6	.8	2.0	1.4	.6	.7	.6	.6	.0	.0	.0	.0	.0
155.	.0	1.6	1.6	1.5	.9	.6	.3	.7	.9	2.1	1.2	.6	.7	.6	.6	.0	.0	.0	.0	.0
160.	.0	1.6	1.5	1.5	.9	.5	.3	.7	1.0	2.0	1.1	.6	.7	.6	.6	.0	.0	.0	.0	.0
165.	.0	1.5	1.5	1.4	.9	.5	.3	.7	1.1	1.8	.8	.6	.6	.5	.6	.0	.0	.0	.0	.0
170.	.0	1.5	1.5	1.3	.9	.6	.3	.7	1.1	1.7	.8	.6	.6	.5	.6	.0	.0	.0	.0	.0
175.	.0	1.5	1.4	1.3	.9	.6	.3	.9	1.1	1.6	.7	.6	.6	.6	.6	.0	.0	.0	.0	.0
180.	.0	1.4	1.3	1.3	.8	.6	.3	.9	1.1	1.7	.5	.6	.6	.6	.6	.0	.0	.0	.0	.0
185.	.0	1.3	1.3	1.3	.8	.6	.4	.8	1.0	1.5	.5	.7	.7	.7	.6	.0	.0	.0	.0	.0
190.	.0	1.3	1.3	1.3	.7	.6	.4	.7	1.1	1.4	.6	.6	.7	.7	.7	.0	.0	.0	.0	.0
195.	.0	1.3	1.3	1.2	.6	.6	.4	.7	1.1	1.1	.7	.6	.7	.7	.7	.0	.0	.0	.0	.0
200.	.1	1.3	1.3	1.1	.6	.5	.4	.8	1.1	1.1	.9	.5	.7	.7	.7	.1	.1	.1	.0	.0
205.	.1	1.3	1.3	1.2	.7	.6	.4	.7	.9	1.2	.9	.6	.7	.7	.7	.1	.1	.1	.0	.0

1

JOB: S3 B2 2015 PM

RUN: S3 B2 2015 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	1.3	1.3	1.2	.9	.8	.4	.6	1.0	.9	.7	.6	.6	.6	.6	.4	.4	.3	.2	.1
215.	.6	1.4	1.4	1.5	1.0	1.0	.7	.6	.8	.7	.6	.4	.6	.6	.6	.5	.5	.6	.4	.1
220.	.8	1.4	1.5	1.7	1.0	1.0	.6	.4	.6	.5	.4	.2	.5	.5	.5	.9	.8	.9	.7	.2
225.	1.1	1.5	1.7	1.7	1.1	1.0	.9	.4	.4	.3	.4	.2	.3	.3	.3	1.1	1.1	1.0	.8	.4
230.	1.2	1.5	1.6	1.7	1.2	.9	.9	.2	.4	.3	.5	.1	.1	.1	.1	1.2	1.2	1.2	1.0	.4
235.	1.2	1.7	1.8	1.6	.9	.9	.7	.1	.2	.2	.4	.0	.0	.0	.0	1.3	1.2	1.2	1.0	.4
240.	1.2	1.7	1.7	1.3	.7	.8	.9	.1	.2	.2	.5	.0	.0	.0	.0	1.3	1.2	1.3	.9	.4
245.	1.2	1.6	1.7	1.1	.8	.9	.9	.1	.2	.2	.5	.0	.0	.0	.0	1.2	1.2	1.1	1.1	.5
250.	1.1	1.7	1.8	1.1	.7	.8	.9	.1	.2	.2	.5	.0	.0	.0	.0	1.1	1.1	1.1	1.0	.5
255.	1.1	1.6	1.7	1.0	.6	1.0	.8	.0	.2	.2	.4	.0	.0	.0	.0	1.1	1.1	1.1	.9	.5
260.	.9	1.6	1.6	.7	.8	1.0	.8	.0	.1	.2	.4	.0	.0	.0	.0	1.1	.9	.9	.9	.4
265.	.9	1.6	1.3	.6	.9	1.0	.7	.0	.1	.3	.4	.0	.0	.0	.0	1.0	.9	1.0	.9	.4
270.	1.0	1.5	1.3	.5	1.0	.9	.7	.0	.1	.3	.3	.0	.0	.0	.0	1.0	.9	1.0	.9	.5
275.	.9	1.5	1.2	.6	1.2	.8	.6	.0	.1	.2	.3	.0	.0	.0	.0	.9	1.0	1.0	.9	.5
280.	.9	1.5	1.0	.6	1.2	.7	.6	.0	.1	.1	.3	.0	.0	.0	.0	.9	.9	1.0	.8	.5
285.	.9	1.4	1.0	.7	1.1	.7	.5	.0	.1	1.2	.0	.0	.0	.0	.0	.9	.8	.9	.8	.4
290.	.8	1.3	.8	.7	1.0	.6	.4	.0	.1	.2	.2	.0	.0	.0	.0	.8	.8	.9	.8	.4
295.	.8	1.1	.8	.7	.9	.5	.4	.0	.1	.2	.3	.0	.0	.0	.0	.8	.8	.9	.8	.5
300.	.8	1.0	.8	.8	1.1	.5	.5	.0	.0	.2	.3	.0	.0	.0	.0	.8	.8	.9	.7	.5
305.	.8	.7	.6	.8	1.0	.5	.5	.0	.0	.1	.2	.0	.0	.0	.0	.9	.8	1.0	.8	.6
310.	.8	.6	.6	.8	.8	.5	.5	.0	.0	.0	.2	.0	.0	.0	.0	.9	.8	1.0	.9	.6
315.	.9	.6	.5	.7	.7	.5	.6	.0	.0	.0	.1	.2	.0	.0	.0	.9	.8	1.0	1.1	.6
320.	.9	.5	.5	.7	.6	.5	.5	.0	.0	.0	.0	.3	.0	.0	.0	.8	.9	1.0	1.1	.7
325.	.9	.3	.4	.6	.6	.4	.5	.0	.0	.0	.0	.5	.1	.0	.0	.8	.9	1.2	1.0	.8
330.	.9	.3	.4	.7	.4	.4	.5	.0	.0	.0	.0	.5	.1	.1	.0	.9	.9	1.1	.9	.6
335.	.9	.3	.3	.7	.5	.4	.6	.0	.0	.0	.0	.6	.2	.1	.0	.9	.9	1.1	.9	.9
340.	1.2	.2	.3	.6	.5	.6	.6	.0	.0	.0	.0	.5	.2	.1	.0	.9	1.2	1.2	.7	1.1
345.	1.2	.2	.3	.6	.5	.6	.6	.0	.0	.0	.0	.6	.2	.0	.0	.9	1.2	1.2	.7	1.2
350.	1.3	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.3	1.2	.8	1.3
355.	1.3	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	1.0	1.3	1.1	.7	1.3
360.	1.3	.2	.2	.4	.6	.6	.6	.0	.0	.0	.0	.7	.3	.2	.0	1.1	1.3	1.1	.8	1.4
MAX	1.4	1.9	1.8	1.7	1.2	1.0	.9	.9	1.1	2.1	1.8	1.5	1.5	1.3	1.0	1.3	1.4	1.3	1.5	1.8
DEGR.	20	145	235	220	230	215	225	175	165	155	135	115	110	80	70	5	20	240	115	110

1

JOB: S3 B2 2015 PM

RUN: S3 B2 2015 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.6 1.5
 5. * 1.5 1.4
10. * 1.5 1.3
15. * 1.4 1.3
20. * 1.3 1.3
25. * 1.2 1.3
30. * 1.2 1.2
35. * 1.3 1.2
40. * 1.3 1.2
45. * 1.3 1.2
50. * 1.2 1.2
55. * 1.2 1.3
60. * 1.2 1.3
65. * 1.2 1.3
70. * 1.3 1.3
75. * 1.3 1.4
80. * 1.3 1.4
85. * 1.4 1.5
90. * 1.4 1.5
95. * 1.4 1.5
100. * 1.4 1.7
105. * 1.6 1.7
110. * 1.8 1.7
115. * 1.8 1.9
120. * 1.7 1.6
125. * 1.6 1.4
130. * 1.2 1.1
135. * .9 .9
140. * .4 .4
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 B2 2015 PM

RUN: S3 B2 2015 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .4 .2
240. * .4 .2
245. * .3 .2
250. * .3 .1
255. * .3 .2
260. * .4 .2
265. * .3 .2
270. * .3 .2
275. * .3 .1
280. * .3 .1
285. * .4 .1
290. * .4 .2
295. * .5 .3
300. * .4 .3
305. * .3 .6
310. * .6 .8
315. * .7 .8
320. * .9 1.1
325. * .8 1.4
330. * 1.1 1.5
335. * 1.3 1.6
340. * 1.4 1.6
345. * 1.5 1.6
350. * 1.6 1.6
355. * 1.6 1.5
360. * 1.6 1.5
-----*-----
MAX * 1.8 1.9
DEGR. * 115 115

```

THE HIGHEST CONCENTRATION IS 2.10 PPM AT 155 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.90 PPM AT 115 DEGREES FROM REC22.

1

JOB: S3 B2 2015 PM
 DATE: 12/24/2006 TIME: 21:52:45.40

RUN: S3 B2 2015 PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B215PM.OUT

LINK #	*	ANGLE (DEGREES)																			
		REC1 20	REC2 145	REC3 235	REC4 220	REC5 230	REC6 215	REC7 225	REC8 175	REC9 165	REC10 155	REC11 135	REC12 115	REC13 110	REC14 80	REC15 70	REC16 5	REC17 20	REC18 240	REC19 115	REC20 110
1	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2	*	.0	.3	.3	.3	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.2	.2
3	*	.0	1.0	.6	.6	.1	.2	.0	.2	.3	.4	.6	.5	.4	.2	.1	.0	.0	.0	.6	.7
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.3	.2	.1	.0	.1	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.3	.4
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.3	.4
16	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.2	.0	.0
19	*	.4	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.4	.3	.0	.0
20	*	.6	.0	.4	.4	.4	.3	.2	.0	.0	.0	.0	.1	.3	.3	.3	.7	.6	.8	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.1	.0	.0	.0	.0	.0	.1	.0	.1	.8	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B2 2015 PM
DATE: 12/24/2006 TIME: 21:52:45.40

RUN: S3 B2 2015 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)	
		REC21	REC22
LINK #	*	115	115
1	*	.1	.2
2	*	.2	.1
3	*	.7	.8
4	*	.0	.0
5	*	.4	.4
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.3	.2
16	*	.1	.2
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0

S3NB30AM.DAT

S3 NB 2030 AM	60.0175.0.0000.000220.30480000	11	1
REC 1 400' SE CORNER	261835. 530030. 5.		
REC 2 164' SE CORNER	262176. 530165. 5.		
REC 3 82' SE CORNER	262120. 530219. 5.		
REC 4 SE CORNER	262072. 530268. 5.		
REC 4 SE CORNER	262098. 530349. 5.		
REC 6 164' ES CORNER	262154. 530413. 5.		
REC 7 400' ES CORNER	262306. 530598. 5.		
REC 8 400' EN CORNER	262195. 530686. 5.		
REC 9 164' EN CORNER	262034. 530516. 5.		
REC 10 164' EN CORNE	261980. 530447. 5.		
REC 11 NE CORNER	261922. 530419. 5.		
REC 12 NW CORNER	261794. 530257. 5.		
REC 13 82' WN CORNER	261763. 530182. 5.		
REC 14 164' WN CORNE	261708. 530118. 5.		
REC 15 400' WN CORNE	261546. 529940. 5.		
REC 16 400' WS CORNE	261679. 529849. 5.		
REC 17 164' WS CORNE	261834. 530028. 5.		
REC 18 82' WS CORNER	261888. 530090. 5.		
REC 19 SW CORNER	261953. 530146. 5.		
REC 20 82' SW CORNER	262029. 530103. 5.		
REC 21 164' SW CORNE	262081. 530059. 5.		
REC 22 400' SW CORNE	262223. 529940. 5.		
S3 NB2030 AM	32 1 1		
1			
1 NBall 355 AG262726.529646.262368.529919.	1675 2.7 0. 68.	35.	
2 NB T 355 AG262368.529919.261955.530285.	1450 2.7 0. 80.	35.	
3 NBT 355 AG262013.530234.262123.530136.	0. 60. 5		
150 106 2.0 1450 29.1 1598 3 3			
29 NB 355 L AG262351.529910.261995.530214.	275 2.7 0. 32.	35.	
30 NB 355 L AG261995.530214.261936.530262.	275 2.7 0. 32.	35.	
4 NB dp 355 AG261955.530285.261596.530602.	1375 2.7 0. 68.	35.	
5 NB dp 355 AG261596.530602.261206.530930.	1375 2.7 0. 68.	35.	
31 SB 355 L AG261535.530602.261837.530345.	175 2.7 0. 32.	35.	
32 SB 355 L AG261837.530345.261928.530269.	175 2.7 0. 32.	35.	
6 SB MD 355 AG261171.530898.261465.530639.	2150 2.7 0. 68.	35.	
7 SB MD 355 AG261465.530639.261918.530238.	2150 2.7 0. 68.	35.	
8 SB 355 AG261808.530335.261691.530439.	0. 48. 4		
150 100 2.0 2150 29.1 1667 3 3			
9 SB dp 355 AG261918.530238.262329.529899.	4325 2.7 0. 56.	35.	
10 SB dp 355 AG262329.529899.262697.529607.	4325 2.7 0. 56.	35.	
11 EB SHD allAG261274.529514.261463.529675.	2175 2.7 0. 68.	35.	
12 EB SHD allAG261463.529675.261758.530009.	2175 2.7 0. 68.	35.	
13 EB SH T GRAG261758.530009.261969.530256.	2075 2.7 0. 68.	35.	
14 EB SG T AG261920.530199.261822.530084.	0. 48. 4		
150 111 2.0 2075 29.1 1355 3 3			
21 EB SHDY L AG261699.529992.261934.530258.	100 2.7 0. 44.	35.	
22 EB SG L AG261891.530209.261797.530102.	0. 48. 4		
150 111 2.0 100 29.1 1434 3 3			
15 EB SHDY dpAG261969.530256.262204.530526.	1575 2.7 0. 56.	35.	
16 EB SHDY dpAG262204.530526.262474.530885.	1575 2.7 0. 56.	35.	
17 EB SHDY dpAG262474.530885.262575.531030.	1575 2.7 0. 56.	35.	
18 WB SHDYallAG262529.531064.262224.530640.	2700 2.7 0. 56.	35.	
23 WB SG allAG262224.530640.262090.530497.	2700 2.7 0. 68.	35.	
24 WB SGT AG262090.530497.261906.530286.	1225 2.7 0. 80.	35.	
25 WB SG T AG261962.530350.262066.530470.	0. 60. 5		
150 102 2.0 1225 29.1 1431 3 3			
27 WB SG L AG262171.530532.261947.530269.	1475 2.7 0. 44.	35.	
28 WB SG L AG261993.530323.262095.530442.	0. 24. 2		
150 102 2.0 1475 29.1 1345 3 3			
26 WB SG dp AG261906.530286.261623.529966.	1650 2.7 0. 68.	35.	
19 WB SHD dp AG261623.529966.261365.529670.	1650 2.7 0. 68.	35.	
20 WB SHD dp AG261365.529670.261222.529563.	1650 2.7 0. 68.	35.	
1.0 0.4 1000. 0.0Y 5 0 72			

REC16	WIND		CONCENTRATION														
	ANGLE	*	(PPM)														
	(DEGR)*	REC17	REC18	REC19	REC20	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15
-----*																	
0.3	210	*	0.2	0.5	1	0.9	0.6	0.5	0.3	0.6	0.7	0.8	0.6	0.4	0.7	0.7	0.6
	0.2	0.2	0.2	0													
	215	*	0.5	0.6	1	1.1	0.8	0.6	0.3	0.5	0.6	0.7	0.6	0.4	0.5	0.5	0.4
0.5	0.5	0.5	0.3	0.1													
	220	*	0.7	0.7	1.1	1.2	0.8	0.6	0.6	0.4	0.4	0.6	0.4	0.2	0.4	0.5	0.3
	0.7	0.8	0.6	0.2													
0.7	225	*	0.8	0.9	1.2	1.4	0.8	0.7	0.6	0.3	0.3	0.3	0.4	0.1	0.3	0.3	0.2
	0.8	0.9	0.8	0.3													
	230	*	1	0.9	1.2	1.3	0.8	0.7	0.8	0.3	0.2	0.3	0.4	0.1	0.2	0.2	0.2
1	1	1	0.9	0.3													
	235	*	1.1	1	1.3	1.2	0.7	0.7	0.7	0.1	0.1	0.2	0.3	0	0	0	0
	1.1	1	0.9	0.3													
1.1	240	*	1	1.1	1.2	1	0.6	0.6	0.8	0.1	0.1	0.2	0.4	0	0	0	0
	1.1	1	0.8	0.4													
	245	*	1	1.1	1.3	0.9	0.3	0.7	0.6	0.1	0.1	0.2	0.4	0	0	0	0
1	1	1.1	0.7	0.3													
	250	*	0.9	1.1	1.3	0.8	0.4	0.7	0.6	0.1	0.1	0.3	0.4	0	0	0	0
	1.1	0.9	1	0.8	0.3												
1.1	255	*	0.9	1.1	1.2	0.6	0.5	1	0.5	0.1	0.1	0.3	0.4	0	0	0	0
	0.9	1	0.8	0.4													
	260	*	1	1.2	1.2	0.6	0.6	0.9	0.5	0.1	0.2	0.3	0.4	0	0	0	0
1	1	1	0.7	0.4													
	265	*	0.8	1.3	1	0.6	0.8	0.9	0.5	0.1	0.2	0.4	0.5	0	0	0	0
	1	0.9	0.9	0.7	0.4												
0.9	270	*	0.8	1.3	0.9	0.3	0.9	0.9	0.5	0.1	0.2	0.4	0.5	0	0	0	0
	0.8	0.9	0.7	0.4													
	275	*	0.8	1.1	0.9	0.4	1.1	0.9	0.5	0.1	0.2	0.4	0.5	0	0	0	0
0.9	0.8	0.9	0.7	0.4													
	280	*	0.8	1	0.8	0.4	1.2	1	0.5	0	0.1	0.3	0.5	0	0	0	0
	0.8	0.8	0.7	0.4													
0.9	285	*	0.8	1	0.7	0.7	1.2	0.9	0.4	0	0.1	0.2	0.5	0	0	0	0
	0.8	0.8	0.7	0.4													
	290	*	0.8	0.9	0.5	0.6	1.1	0.8	0.4	0	0.1	0.2	0.5	0	0	0	0
0.8	0.8	0.8	0.7	0.3													
	295	*	0.8	0.8	0.7	0.7	1.1	0.8	0.5	0	0.1	0.1	0.4	0	0	0	0
	0.8	0.8	0.8	0.5													
0.8	300	*	0.8	0.7	0.7	0.7	1	0.7	0.5	0	0	0.1	0.3	0.1	0	0	0
	0.8	0.7	0.9	0.5													
	305	*	0.9	0.6	0.6	0.8	1	0.5	0.4	0	0	0.1	0.1	0.1	0	0	0
0.9	0.8	0.8	1	0.7													
	310	*	0.9	0.3	0.3	0.6	0.9	0.4	0.4	0	0	0	0.1	0.3	0.1	0	0
	0.9	0.9	1	0.8													
0.9	315	*	1	0.3	0.5	0.6	0.9	0.4	0.4	0	0	0	0	0.4	0.1	0	0
	0.8	0.9	1.1	0.8													
	320	*	0.9	0.2	0.4	0.6	0.8	0.4	0.4	0	0	0	0	0.5	0.1	0.1	0
0.9	0.9	0.9	1.1	0.9													
	325	*	0.9	0.2	0.4	0.6	0.8	0.5	0.4	0	0	0	0	0.6	0.2	0.1	0
	0.9	1	1.1	0.8													
0.7	330	*	1	0.2	0.3	0.6	0.8	0.5	0.4	0	0	0	0	0.6	0.3	0.1	0
	1	1	0.8	0.7													
	335	*	1.1	0.2	0.4	0.6	0.7	0.5	0.4	0	0	0	0	0.6	0.4	0.2	0
0.8	1	1.1	0.8	0.6													
	340	*	1.2	0.2	0.4	0.6	0.7	0.5	0.4	0	0	0	0	0.6	0.4	0.2	0
	1.2	1.1	0.7	0.7													
0.9	345	*	1.2	0.2	0.3	0.6	0.5	0.5	0.4	0	0	0	0	0.6	0.4	0.2	0.1
	1.2	1.1	0.6	0.8													
	350	*	1.1	0.1	0.3	0.5	0.5	0.5	0.4	0	0	0	0	0.6	0.4	0.3	0.1
1	1.1	1.2	0.6	0.8													
	355	*	1.1	0.1	0.3	0.5	0.6	0.5	0.4	0	0	0	0	0.5	0.3	0.3	0.1
	1.1	1.1	0.5	1													
1.1	360	*	1.2	0.1	0.2	0.4	0.5	0.5	0.4	0	0	0	0	0.5	0.3	0.3	0.1
	1.1	1	0.5	1.1													
	-----*																

1.2	MAX	*	1.2	1.3	1.3	1.4	1.2	1	0.8	0.8	1.1	1.5	1.1	0.9	0.8	0.8	0.8
	1.2	1.2	1.1	1.2													
15	DEGR.	*	0	265	235	225	280	255	230	200	180	165	140	105	95	75	65
	340	350	20	5													

1

PAGE 5

JOB: S3 NB 2030 AM RUN: S3 NB2030 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum "concentration," only the first
"angle," of the angles with same maximum.
"concentrations," is indicated as

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* REC21	CONCENTRATION (PPM)	
		REC22	
0	*	1.2	0.6
5	*	1.2	0.6

```

10      *      1      0.5
15      *      1      0.5
20      *      0.9    0.5
25      *      0.9    0.5
30      *      0.9    0.5
35      *      0.8    0.4
40      *      0.9    0.4
45      *      0.6    0.4
50      *      0.6    0.4
55      *      0.5    0.4
60      *      0.5    0.4
65      *      0.4    0.4
70      *      0.5    0.4
75      *      0.5    0.5
80      *      0.5    0.5
85      *      0.5    0.5
90      *      0.5    0.5
95      *      0.5    0.6
100     *      0.6    0.6
105     *      0.6    0.6
110     *      0.7    0.6
115     *      0.7    0.6
120     *      0.5    0.5
125     *      0.5    0.5
130     *      0.4    0.3
135     *      0.3    0.2
140     *      0.1    0.2
145     *      0.1    0
150     *      0.1    0
155     *      0      0
160     *      0      0
165     *      0      0
170     *      0      0
175     *      0      0
180     *      0      0
185     *      0      0
190     *      0      0
195     *      0      0
200     *      0      0
205     *      0      0

```

1

```

PAGE      6
JOB:      S3      NB      2030      AM      RUN:      S3      NB2030      AM

```

```

WIND      ANGLE      RANGE: 0.-360.

```

```

WIND      *      CONCENTRATION
ANGLE      *      (PPM)
(DEGR) * REC21 REC22
-----*-----

```

```

210     *      0      0
215     *      0.1    0
220     *      0.1    0
225     *      0.2    0.1
230     *      0.2    0.1
235     *      0.2    0.1
240     *      0.3    0.2
245     *      0.2    0.2
250     *      0.2    0.2
255     *      0.2    0.1
260     *      0.2    0.1
265     *      0.2    0.1
270     *      0.2    0.1
275     *      0.2    0.1
280     *      0.3    0.1
285     *      0.3    0.1
290     *      0.3    0.1
295     *      0.4    0.2
300     *      0.5    0.4
305     *      0.6    0.4
310     *      0.7    0.6
315     *      0.8    0.6
320     *      0.7    0.9
325     *      0.8    0.9
330     *      1      0.9
335     *      1      0.9
340     *      0.9    0.8
345     *      1      0.6
350     *      1.1    0.6
355     *      1.2    0.6
360     *      1.2    0.6
-----*-----

```

```

MAX      *      1.2    0.9
DEGR.    *      0      330

```

```

THE      HIGHEST CONCENTRATION IS      1.5      PPM      AT      165      DEGREES FROM      REC10.
THE      2ND      HIGHEST CONCENTRATION IS      1.4      PPM      AT      225      DEGREES FROM      REC4      .
THE      3RD      HIGHEST CONCENTRATION IS      1.3      PPM      AT      265      DEGREES FROM      REC2      .

```

1

```

PAGE      7
JOB:      S3      NB      2030      AM      RUN:      S3      NB2030      AM
DATE:     12/18/2006      TIME:     20:40.8

```

```

RECEPTOR      -      LINK      MATRIX FOR      THE      ANGLE      PRODUCING
THE      MAXIMUM CONCENTRATION FOR      EACH      RECEPTOR

```

		* CO/LINK (PPM)																
		* ANGLE (DEGREES)																
REC16	REC17	REC18	REC19	REC20	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15		
LINK	#	*	*	*														
65	15	340	350	20	265	235	225	280	255	230	200	180	165	140	105	95	75	
-----*																		
0	1	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	3	*	0	0.1	0.1	0.1	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0
0	4	*	0	0.1	0.7	0.6	0.5	0	0	0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
0	5	*	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	9	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	10	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	11	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	12	*	0.1	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0
0.1	13	*	0.1	0	0	0	0	0.2	0.1	0	0	0	0	0	0	0	0	0
0	14	*	0	0.3	0.2	0.2	0	0	0	0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
0	15	*	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0
0	16	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	17	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	18	*	0.2	0.1	0.1	0	0.1	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1
0.8	19	*	0.6	0.7	0.2	0.4	0.5	0	0	0.2	0.1	0	0	0	0.1	0.3	0.3	0.3
0	20	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	*	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	*	0	0.1	0.1	0	0	0.1	0.2	0.1	0.1	0.1	0.1	0	0	0	0	0
0	23	*	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0
0	24	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	25	*	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0
0	26	*	0	0	0	0	0	0.1	0.1	0	0	0.1	0.1	0.1	0	0	0	0
0	27	*	0	0	0	0	0	0.3	0.3	0.1	0.1	0.5	0.7	0.4	0	0	0	0
0	28	*	0	0.2	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0
0	29	*	0	0.1	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0
0	30	*	0	0.1	0.1	0	0	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0	0	0	0
0.1	31	*	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.2	0.1	0.1
0	32	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
0	33	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PAGE 8

JOB: S3 NB 2030 AM RUN: S3 NB2030 AM

DATE: 12/18/2006 TIME: 20:40.8

RECEPTOR	-	LINK	MATRIX	FOR	THE	ANGLE	PRODUCING	1.2	
THE	MAXIMUM	CONCENTRATION	FOR	EACH	RECEPTOR				1.3
									1.3
									1.4
									1.2
									1
									0.8
									0.8
									1.1
1	*	0	0						1.5
2	*	0.1	0.1						1.1
3	*	0.5	0.2						0.9

4	*	0	0
5	*	0	0
6	*	0	0
7	*	0	0
8	*	0	0
9	*	0	0
10	*	0	0
11	*	0	0
12	*	0	0
13	*	0.4	0.5
14	*	0	0
15	*	0	0
16	*	0	0
17	*	0	0
18	*	0	0
19	*	0	0
20	*	0	0
21	*	0	0
22	*	0	0
23	*	0	0
24	*	0	0
25	*	0	0
26	*	0	0
27	*	0.1	0.1
28	*	0	0
29	*	0.1	0
30	*	0	0
31	*	0	0
32	*	0	0

S3NB30AM.OUT

0.8
0.8
0.8
1.2
1.2
1.2
1.1
1.2
1.2
0.9

S3NB30PM.DAT

S3 NB 2030 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 NB2030 PM 34 1 1

1							
1	NB all	355	AG262726.529646.262368.529919.	4425	2.7	0.68.	35.
2							
2	NB T	355	AG262368.529919.261955.530285.	4000	2.7	0.80.	35.
3							
150	NBT	355	AG262013.530234.262123.530136.	0.60.	5		
		100	2.0 4000 29.1 1598 3 3				
29							
2	NB	355 L	AG262351.529910.261995.530214.	425	2.7	0.32.	35.
28							
150	NB	355 L	AG262003.530207.262061.530158.	0.24.	2		
		141	2.0 425 29.1 1770 3 3				
30							
1	NB	355 L	AG261995.530214.261936.530262.	425	2.7	0.32.	35.
4							
1	NB dp	355	AG261955.530285.261596.530602.	3875	2.7	0.68.	35.
5							
1	NB dp	355	AG261596.530602.261206.530930.	3875	2.7	0.68.	35.
31							
2	SB	355 L	AG261535.530602.261837.530345.	100	2.7	0.32.	35.
28							
150	SB	355 L	AG261833.530349.261743.530425.	0.24.	2		
		127	2.0 100 29.1 1770 3 3				
32							
1	SB	355 L	AG261837.530345.261928.530269.	100	2.7	0.32.	35.
6							
1	SB MD	355	AG261171.530898.261465.530639.	1025	2.7	0.68.	35.
7							
1	SB MD	355	AG261465.530639.261918.530238.	1025	2.7	0.68.	35.
8							
2	SB	355	AG261808.530335.261691.530439.	0.48.	4		
150		91	2.0 1025 29.1 1667 3 3				
9							
1	SB dp	355	AG261918.530238.262329.529899.	2875	2.7	0.56.	35.
10							
1	SB dp	355	AG262329.529899.262697.529607.	2875	2.7	0.56.	35.
11							
1	EB SHD all	AG261274.529514.261463.529675.	3975	2.7	0.68.	35.	
12							
1	EB SHD all	AG261463.529675.261758.530009.	3975	2.7	0.68.	35.	
13							
2	EB SH T	GRAG261758.530009.261969.530256.	3350	2.7	0.68.	35.	
14							
150	EB SG T	AG261920.530199.261822.530084.	0.48.	4			
		111	2.0 3350 29.1 1355 3 3				
21							
2	EB SHDY L	AG261699.529992.261934.530258.	100	2.7	0.44.	35.	
22							
150	EB SG L	AG261891.530209.261797.530102.	0.48.	4			
		94	2.0 100 29.1 1365 3 3				
15							
1	EB SHDY dp	AG261969.530256.262204.530526.	2950	2.7	0.56.	35.	
16							
1	EB SHDY dp	AG262204.530526.262474.530885.	2950	2.7	0.56.	35.	
17							
1	EB SHDY dp	AG262474.530885.262575.531030.	2950	2.7	0.56.	35.	
18							
1	WB SHDYall	AG262529.531064.262224.530640.	1250	2.7	0.56.	35.	
23							
1	WB SG all	AG262224.530640.262090.530497.	1250	2.7	0.68.	35.	
24							
2	WB SGT	AG262090.530497.261906.530286.	675	2.7	0.80.	35.	
25							
150	WB SG T	AG261962.530350.262066.530470.	0.60.	5			
		118	2.0 675 29.1 1433 3 3				
27							
2	WB SG L	AG262171.530532.261947.530269.	575	2.7	0.44.	35.	
28							
150	WB SG L	AG261993.530323.262095.530442.	0.24.	2			
		118	2.0 575 29.1 1345 3 3				
26							
1	WB SG dp	AG261906.530286.261623.529966.	1075	2.7	0.68.	35.	
19							
1	WB SHD dp	AG261623.529966.261365.529670.	1075	2.7	0.68.	35.	
20							
1.0	WB SHD dp	AG261365.529670.261222.529563.	1075	2.7	0.68.	35.	
	0.4 1000. 0.0Y	5 0 72					

JOB: S3 NB 2030 PM
DATE: 12/18/2006 TIME: 11:21:54.76

RUN: S3 NB2030 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	262726.0	529646.0	262368.0	529919.0	*	450.	307. AG	4425.	2.7	.0	68.0	
2. 2	NB 355	262368.0	529919.0	261955.0	530285.0	*	552.	312. AG	4000.	2.7	.0	80.0	
3. 3	NBT 355	262013.0	530234.0	264748.5	527796.8	*	3664.	132. AG	260.	100.0	.0	60.0	1.63 186.1
4. 29	NB 355 L	262351.0	529910.0	261995.0	530214.0	*	468.	310. AG	425.	2.7	.0	32.0	
5. 28	NB 355 L	262003.0	530207.0	263381.1	529042.7	*	1804.	130. AG	147.	100.0	.0	24.0	3.59 91.7
6. 30	NB 355 L	261995.0	530214.0	261936.0	530262.0	*	76.	309. AG	425.	2.7	.0	32.0	
7. 4	NB dp 355	261955.0	530285.0	261596.0	530602.0	*	479.	311. AG	3875.	2.7	.0	68.0	
8. 5	NB dp 355	261596.0	530602.0	261206.0	530930.0	*	510.	310. AG	3875.	2.7	.0	68.0	
9. 31	SB 355 L	261535.0	530602.0	261837.0	530345.0	*	397.	130. AG	100.	2.7	.0	32.0	
10. 28	SB 355 L	261833.0	530349.0	261806.5	530371.4	*	35.	310. AG	132.	100.0	.0	24.0	.22 1.8
11. 32	SB 355 L	261837.0	530345.0	261928.0	530269.0	*	119.	130. AG	100.	2.7	.0	32.0	
12. 6	SB MD 355	261171.0	530898.0	261465.0	530639.0	*	392.	131. AG	1025.	2.7	.0	68.0	
13. 7	SB MD 355	261465.0	530639.0	261918.0	530238.0	*	605.	132. AG	1025.	2.7	.0	68.0	
14. 8	SB 355	261808.0	530335.0	261712.8	530419.6	*	127.	312. AG	189.	100.0	.0	48.0	.42 6.5
15. 9	SB dp 355	261918.0	530238.0	262329.0	529899.0	*	533.	130. AG	2875.	2.7	.0	56.0	
16. 10	SB dp 355	262329.0	529899.0	262697.0	529607.0	*	470.	128. AG	2875.	2.7	.0	56.0	
17. 11	EB SHD all*	261274.0	529514.0	261463.0	529675.0	*	248.	50. AG	3975.	2.7	.0	68.0	
18. 12	EB SHD all*	261463.0	529675.0	261758.0	530009.0	*	446.	41. AG	3975.	2.7	.0	68.0	
19. 13	EB SH T GR*	261758.0	530009.0	261969.0	530256.0	*	325.	41. AG	3350.	2.7	.0	68.0	
20. 14	EB SG T	261920.0	530199.0	258115.6	525735.9	*	5865.	220. AG	231.	100.0	.0	48.0	2.65 297.9
21. 21	EB SHDY L	261699.0	529992.0	261934.0	530258.0	*	355.	41. AG	100.	2.7	.0	44.0	
22. 22	EB SG L	261891.0	530209.0	261882.5	530199.4	*	13.	221. AG	196.	100.0	.0	48.0	.05 .7
23. 15	EB SHDY dp*	261969.0	530256.0	262204.0	530526.0	*	358.	41. AG	2950.	2.7	.0	56.0	
24. 16	EB SHDY dp*	262204.0	530526.0	262474.0	530885.0	*	449.	37. AG	2950.	2.7	.0	56.0	
25. 17	EB SHDY dp*	262474.0	530885.0	262575.0	531030.0	*	177.	35. AG	2950.	2.7	.0	56.0	
26. 18	WB SHDYall*	262529.0	531064.0	262224.0	530640.0	*	522.	216. AG	1250.	2.7	.0	56.0	
27. 23	WB SG all*	262224.0	530640.0	262090.0	530497.0	*	196.	223. AG	1250.	2.7	.0	68.0	
28. 24	WB SGT	262090.0	530497.0	261906.0	530286.0	*	280.	221. AG	675.	2.7	.0	80.0	
29. 25	WB SG T	261962.0	530350.0	262019.1	530415.9	*	87.	41. AG	307.	100.0	.0	60.0	.51 4.4
30. 27	WB SG L	262171.0	530532.0	261947.0	530269.0	*	345.	220. AG	575.	2.7	.0	44.0	
31. 28	WB SG L	261993.0	530323.0	262401.4	530799.5	*	628.	41. AG	123.	100.0	.0	24.0	1.14 31.9
32. 26	WB SG dp	261906.0	530286.0	261623.0	529966.0	*	427.	221. AG	1075.	2.7	.0	68.0	
33. 19	WB SHD dp	261623.0	529966.0	261365.0	529670.0	*	393.	221. AG	1075.	2.7	.0	68.0	
34. 20	WB SHD dp	261365.0	529670.0	261222.0	529563.0	*	179.	233. AG	1075.	2.7	.0	68.0	

JOB: S3 NB 2030 PM
DATE: 12/18/2006 TIME: 11:21:54.76

RUN: S3 NB2030 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT 355	150	100	2.0	4000	1598	29.10	3	3
5. 28	NB 355 L	150	141	2.0	425	1770	29.10	3	3
10. 28	SB 355 L	150	127	2.0	100	1770	29.10	3	3
14. 8	SB 355	150	91	2.0	1025	1667	29.10	3	3
20. 14	EB SG T	150	111	2.0	3350	1355	29.10	3	3
22. 22	EB SG L	150	94	2.0	100	1365	29.10	3	3
29. 25	WB SG T	150	118	2.0	675	1433	29.10	3	3
31. 28	WB SG L	150	118	2.0	575	1345	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	261835.0	530030.0	5.0	*
2. REC 2 164' SE CORNER	*	262176.0	530165.0	5.0	*
3. REC 3 82' SE CORNER	*	262120.0	530219.0	5.0	*
4. REC 4 SE CORNER	*	262072.0	530268.0	5.0	*
5. REC 4 SE CORNER	*	262098.0	530349.0	5.0	*
6. REC 6 164' ES CORNER	*	262154.0	530413.0	5.0	*
7. REC 7 400' ES CORNER	*	262306.0	530598.0	5.0	*
8. REC 8 400' EN CORNER	*	262195.0	530686.0	5.0	*
9. REC 9 164' EN CORNER	*	262034.0	530516.0	5.0	*
10. REC 10 164' EN CORNE	*	261980.0	530447.0	5.0	*
11. REC 11 NE CORNER	*	261922.0	530419.0	5.0	*
12. REC 12 NW CORNER	*	261794.0	530257.0	5.0	*
13. REC 13 82' WN CORNER	*	261763.0	530182.0	5.0	*
14. REC 14 164' WN CORNE	*	261708.0	530118.0	5.0	*
15. REC 15 400' WN CORNE	*	261546.0	529940.0	5.0	*
16. REC 16 400' WS CORNE	*	261679.0	529849.0	5.0	*
17. REC 17 164' WS CORNE	*	261834.0	530028.0	5.0	*
18. REC 18 82' WS CORNER	*	261888.0	530090.0	5.0	*
19. REC 19 SW CORNER	*	261953.0	530146.0	5.0	*
20. REC 20 82' SW CORNER	*	262029.0	530103.0	5.0	*
21. REC 21 164' SW CORNE	*	262081.0	530059.0	5.0	*
22. REC 22 400' SW CORNE	*	262223.0	529940.0	5.0	*

JOB: S3 NB 2030 PM

RUN: S3 NB2030 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.1	.2	.2	.4	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	1.0	1.0	1.0	.8	1.3
5.	1.1	.1	.2	.4	.5	.5	.6	.0	.0	.0	.0	.5	.3	.2	.0	1.0	1.1	1.0	.9	1.3
10.	1.1	.2	.2	.4	.5	.6	.6	.0	.0	.0	.0	.5	.2	.2	.0	1.0	1.0	1.0	.8	1.3
15.	1.1	.2	.3	.4	.5	.5	.6	.0	.0	.0	.0	.4	.2	.2	.0	1.2	1.1	1.1	.8	1.2
20.	1.2	.2	.2	.4	.6	.5	.6	.0	.0	.0	.0	.4	.2	.2	.0	1.2	1.2	1.2	.9	1.2
25.	1.1	.0	.2	.4	.6	.5	.4	.0	.0	.0	.0	.4	.2	.2	.0	1.1	1.1	1.0	1.1	1.2
30.	1.2	.0	.2	.3	.6	.6	.3	.0	.0	.0	.0	.2	.1	.2	.0	.9	1.2	1.0	.9	1.1
35.	1.1	.0	.0	.3	.5	.3	.3	.1	.0	.0	.0	.2	.2	.2	.0	.9	1.1	.9	.9	1.0
40.	.9	.0	.0	.2	.4	.3	.1	.1	.0	.1	.0	.4	.4	.4	.1	.8	.9	.7	1.0	1.0
45.	.7	.0	.0	.0	.3	.3	.1	.1	.2	.2	.1	.4	.4	.4	.3	.6	.7	.8	1.0	1.0
50.	.6	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.4	.5	.5	.4	.5	.6	.5	.8	1.0
55.	.5	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.6	.5	.5	.4	.5	.5	.5	1.0	1.0
60.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.6	.5	.5	.7	.3	.5	.5	1.0	1.0
65.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.5	.6	.5	.6	.8	.3	.5	1.0	1.1
70.	.5	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.5	.6	.7	.8	.3	.5	.6	1.0	1.1
75.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.6	.6	.9	.9	.2	.5	.6	1.0	1.1
80.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.5	.6	1.0	.7	.2	.5	.6	1.0	1.2
85.	.5	.0	.0	.0	.0	.0	.0	.4	.5	.3	.5	.6	.9	1.0	.7	.2	.5	.6	1.0	1.3
90.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.5	.7	.9	1.0	.8	.2	.5	.6	1.0	1.3
95.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.6	.7	1.1	1.0	.8	.2	.5	.6	1.0	1.3
100.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.4	.6	.8	1.1	1.0	.8	.3	.5	.7	1.1	1.3
105.	.4	.0	.0	.0	.0	.0	.0	.4	.3	.4	.7	1.0	1.1	1.0	.9	.3	.4	.7	1.2	1.4
110.	.5	.0	.0	.0	.0	.0	.0	.4	.2	.4	.7	1.2	1.2	.8	.9	.3	.5	.8	1.3	1.5
115.	.4	.1	.1	.1	.0	.0	.0	.4	.2	.4	.8	1.2	1.2	.8	.7	.2	.4	.8	1.3	1.5
120.	.3	.3	.3	.2	.1	.0	.0	.4	.2	.5	.8	1.2	1.0	.8	.7	.1	.3	.5	1.2	1.5
125.	.3	.7	.7	.5	.1	.1	.0	.4	.3	.7	1.2	1.2	.9	.8	.7	.1	.3	.4	1.1	1.5
130.	.1	1.0	.9	.8	.3	.1	.0	.4	.3	1.0	1.3	1.0	.8	.6	.7	.1	.1	.3	.8	1.2
135.	.1	1.3	1.2	1.2	.4	.3	.1	.5	.5	1.2	1.5	.9	.6	.6	.6	.0	.1	.1	.5	.6
140.	.0	1.5	1.4	1.4	.7	.4	.1	.5	.6	1.3	1.6	.6	.6	.5	.6	.0	.1	.2	.4	
145.	.0	1.8	1.7	1.5	.8	.5	.2	.5	.6	1.5	1.6	.5	.5	.5	.6	.0	.0	.1	.2	
150.	.0	1.8	1.5	1.4	.7	.5	.3	.6	.7	1.6	1.3	.5	.5	.6	.6	.0	.0	.0	.0	
155.	.0	1.5	1.4	1.3	.8	.5	.3	.7	.7	1.7	1.1	.5	.5	.6	.6	.0	.0	.0	.0	
160.	.0	1.4	1.3	1.3	.7	.5	.3	.7	.7	1.6	1.0	.5	.5	.6	.6	.0	.0	.0	.0	
165.	.0	1.3	1.3	1.3	.8	.5	.3	.7	.8	1.5	.7	.5	.5	.5	.6	.0	.0	.0	.0	
170.	.0	1.3	1.3	1.2	.8	.5	.3	.7	.8	1.5	.8	.5	.5	.5	.6	.0	.0	.0	.0	
175.	.0	1.3	1.2	1.2	.7	.5	.2	.9	.8	1.4	.6	.5	.6	.6	.6	.0	.0	.0	.0	
180.	.0	1.3	1.2	1.2	.6	.5	.2	.8	1.0	1.5	.5	.5	.7	.7	.6	.0	.0	.0	.0	
185.	.0	1.2	1.2	1.2	.6	.5	.3	.7	.9	1.4	.5	.6	.7	.7	.7	.0	.0	.0	.0	
190.	.0	1.2	1.2	1.2	.6	.5	.3	.7	.9	1.2	.5	.6	.7	.7	.6	.0	.0	.0	.0	
195.	.0	1.2	1.2	1.1	.6	.5	.3	.6	.9	1.0	.6	.5	.6	.7	.7	.0	.0	.0	.0	
200.	.1	1.2	1.1	1.0	.6	.5	.3	.6	.9	1.0	.7	.6	.6	.7	.7	.1	.1	.1	.0	
205.	.1	1.1	1.1	1.1	.6	.6	.3	.7	.9	.9	.9	.6	.6	.6	.7	.1	.1	.1	.1	.0

1

JOB: S3 NB 2030 PM

RUN: S3 NB2030 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	1.2	1.2	1.2	.8	.8	.4	.6	.8	.9	.7	.6	.6	.6	.6	.4	.4	.4	.2	.1
215.	.6	1.3	1.4	1.2	1.1	.8	.7	.6	.6	.8	.6	.5	.6	.6	.6	.6	.6	.7	.5	.1
220.	.9	1.4	1.5	1.5	1.1	.9	.7	.4	.5	.5	.5	.3	.5	.4	.4	.9	.9	.8	.7	.2
225.	1.1	1.4	1.5	1.6	1.2	.9	.7	.4	.4	.3	.5	.2	.3	.3	.3	1.1	1.1	1.1	.8	.3
230.	1.3	1.5	1.6	1.5	1.1	.9	.8	.2	.3	.3	.4	.1	.1	.1	.1	1.3	1.2	1.2	.9	.5
235.	1.3	1.5	1.7	1.5	.7	.9	.7	.1	.2	.2	.4	.0	.0	.0	.0	1.3	1.3	1.2	1.0	.5
240.	1.2	1.5	1.7	1.2	.7	.7	.7	.1	.2	.2	.4	.0	.0	.0	.0	1.4	1.2	1.1	1.0	.5
245.	1.1	1.5	1.5	1.0	.8	.9	.7	.1	.2	.2	.5	.0	.0	.0	.0	1.2	1.1	1.2	.9	.4
250.	1.1	1.5	1.6	.9	.8	.8	.6	.0	.2	.2	.4	.0	.0	.0	.0	1.2	1.1	1.1	.8	.5
255.	1.0	1.5	1.4	.7	.6	.8	.7	.0	.2	.2	.4	.0	.0	.0	.0	1.0	1.1	1.0	.8	.5
260.	1.0	1.5	1.4	.7	.6	1.0	.6	.0	.1	.2	.4	.0	.0	.0	.0	1.0	1.0	1.0	.7	.4
265.	.9	1.5	1.2	.6	.9	.9	.5	.0	.1	.2	.4	.0	.0	.0	.0	1.0	.9	.9	.7	.4
270.	.9	1.5	1.2	.5	1.0	.9	.5	.0	.1	.2	.3	.0	.0	.0	.0	.9	.9	.9	.7	.4
275.	.8	1.4	1.1	.4	.9	.7	.5	.0	.1	.1	.3	.0	.0	.0	.0	.9	.8	.9	.7	.4
280.	.8	1.3	1.0	.5	1.0	.6	.4	.0	.1	.1	.3	.0	.0	.0	.0	.9	.8	.8	.7	.4
285.	.8	1.3	1.0	.5	1.0	.6	.4	.0	.1	.1	.2	.0	.0	.0	.0	.9	.8	.8	.7	.4
290.	.8	1.2	.7	.5	.9	.5	.4	.0	.1	.2	.2	.0	.0	.0	.0	.9	.8	.8	.7	.3
295.	.8	.9	.6	.7	.9	.4	.4	.0	.1	.2	.3	.0	.0	.0	.0	.9	.8	.8	.7	.3
300.	.8	.6	.8	.8	.9	.4	.4	.0	.0	.1	.2	.0	.0	.0	.0	.9	.8	.7	.8	.4
305.	.8	.7	.5	.7	.7	.4	.4	.0	.0	.1	.2	.0	.0	.0	.0	.9	.8	.8	.7	.4
310.	.8	.5	.5	.6	.6	.4	.4	.0	.0	.0	.2	.0	.0	.0	.0	.9	.8	.8	.8	.6
315.	.8	.5	.5	.7	.6	.4	.4	.0	.0	.0	.0	.2	.0	.0	.0	.9	.8	.8	1.0	.6
320.	.8	.4	.5	.7	.5	.4	.5	.0	.0	.0	.0	.3	.0	.0	.0	.9	.8	.7	.9	.7
325.	.8	.3	.4	.6	.5	.4	.5	.0	.0	.0	.0	.4	.1	.0	.0	.9	.8	.8	.9	.7
330.	.8	.3	.4	.6	.4	.4	.5	.0	.0	.0	.0	.5	.1	.0	.0	.9	.8	.9	.9	.6
335.	.8	.3	.3	.5	.4	.4	.5	.0	.0	.0	.0	.5	.2	.1	.0	.9	.8	1.0	.9	.9
340.	1.0	.2	.3	.5	.4	.4	.5	.0	.0	.0	.0	.5	.2	.1	.0	.9	1.0	1.0	.6	1.1
345.	1.1	.2	.3	.6	.4	.4	.5	.0	.0	.0	.0	.5	.2	.0	.0	.9	1.1	1.1	.7	1.1
350.	1.1	.2	.2	.5	.4	.4	.6	.0	.0	.0	.0	.6	.2	.1	.0	.9	1.1	1.1	.8	1.1
355.	1.1	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	1.0	1.1	1.0	.7	1.3
360.	1.1	.2	.2	.4	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	1.0	1.0	1.0	.8	1.3
MAX DEGR.	230	145	145	225	225	260	230	175	180	155	140	110	110	80	75	240	235	20	115	120

1

JOB: S3 NB 2030 PM

RUN: S3 NB2030 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 1.3
 5. * 1.3 1.1
10. * 1.3 1.1
15. * 1.2 1.1
20. * 1.2 1.1
25. * 1.1 1.1
30. * 1.0 1.1
35. * 1.0 1.1
40. * 1.0 1.1
45. * 1.0 1.1
50. * 1.1 1.1
55. * 1.1 1.1
60. * 1.1 1.1
65. * 1.1 1.1
70. * 1.1 1.1
75. * 1.1 1.1
80. * 1.2 1.1
85. * 1.3 1.4
90. * 1.3 1.4
95. * 1.3 1.4
100. * 1.3 1.4
105. * 1.4 1.5
110. * 1.5 1.5
115. * 1.6 1.7
120. * 1.5 1.6
125. * 1.5 1.3
130. * 1.2 1.0
135. * .6 .8
140. * .4 .4
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 NB 2030 PM

RUN: S3 NB2030 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .2 .1
225. * .2 .1
230. * .3 .2
235. * .4 .2
240. * .4 .2
245. * .4 .2
250. * .3 .2
255. * .3 .1
260. * .3 .2
265. * .3 .2
270. * .3 .1
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .3 .1
295. * .4 .2
300. * .4 .3
305. * .3 .4
310. * .5 .6
315. * .6 .8
320. * .8 1.1
325. * .8 1.2
330. * .9 1.2
335. * 1.1 1.3
340. * 1.3 1.3
345. * 1.3 1.4
350. * 1.4 1.4
355. * 1.4 1.4
360. * 1.4 1.3
-----*-----
MAX * 1.6 1.7
DEGR. * 115 115

```

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 145 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS 1.70 PPM AT 155 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.70 PPM AT 145 DEGREES FROM REC3 .

1

JOB: S3 NB 2030 PM

RUN: S3 NB2030 PM

PAGE 7

DATE: 12/18/2006 TIME: 11:21:54.76

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3NB30PM.OUT

LINK #	*	ANGLE (DEGREES)																			
		REC1 230	REC2 145	REC3 145	REC4 225	REC5 225	REC6 260	REC7 230	REC8 175	REC9 180	REC10 155	REC11 140	REC12 110	REC13 110	REC14 80	REC15 75	REC16 240	REC17 235	REC18 20	REC19 115	REC20 120
1	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2	*	.0	.3	.3	.2	.1	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.1	.2	.1
3	*	.0	.9	.8	.5	.1	.0	.0	.2	.2	.4	.5	.4	.3	.2	.1	.0	.0	.0	.5	.6
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.3	.3	.1	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.3	.3
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2
16	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
18	*	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.0	.0	.0
19	*	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.3	.0	.0
20	*	.9	.0	.0	.5	.5	.0	.2	.0	.0	.0	.0	.1	.3	.3	.3	.9	.9	.4	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.2	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.3	.1	.0	.2	.7	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 NB 2030 PM
DATE: 12/18/2006 TIME: 11:21:54.76

RUN: S3 NB2030 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)
		REC21	REC22	
		115	115	
1	*	.1	.2	
2	*	.2	.1	
3	*	.6	.7	
4	*	.0	.0	
5	*	.3	.3	
6	*	.0	.0	
7	*	.0	.0	
8	*	.0	.0	
9	*	.0	.0	
10	*	.0	.0	
11	*	.0	.0	
12	*	.0	.0	
13	*	.0	.0	
14	*	.0	.0	
15	*	.3	.2	
16	*	.1	.2	
17	*	.0	.0	
18	*	.0	.0	
19	*	.0	.0	
20	*	.0	.0	
21	*	.0	.0	
22	*	.0	.0	
23	*	.0	.0	
24	*	.0	.0	
25	*	.0	.0	
26	*	.0	.0	
27	*	.0	.0	
28	*	.0	.0	
29	*	.0	.0	
30	*	.0	.0	
31	*	.0	.0	
32	*	.0	.0	
33	*	.0	.0	
34	*	.0	.0	

										S3B130AM.DAT									
S3	B1	2030	AM											60.0175.0.0000.000220.30480000	11	1			
REC	1	400'	SE CORNER	261835.	530030.														
REC	2	164'	SE CORNER	262176.	530165.														
REC	3	82'	SE CORNER	262120.	530219.														
REC	4	SE CORNER	262072.	530268.															
REC	4	SE CORNER	262098.	530349.															
REC	6	164'	ES CORNER	262154.	530413.														
REC	7	400'	ES CORNER	262306.	530598.														
REC	8	400'	EN CORNER	262195.	530686.														
REC	9	164'	EN CORNER	262034.	530516.														
REC	10	164'	EN CORNE	261980.	530447.														
REC	11	NE CORNER	261922.	530419.															
REC	12	NW CORNER	261794.	530257.															
REC	13	82'	WN CORNER	261763.	530182.														
REC	14	164'	WN CORNE	261708.	530118.														
REC	15	400'	WN CORNE	261546.	529940.														
REC	16	400'	WS CORNE	261679.	529849.														
REC	17	164'	WS CORNE	261834.	530028.														
REC	18	82'	WS CORNER	261888.	530090.														
REC	19	SW CORNER	261953.	530146.															
REC	20	82'	SW CORNER	262029.	530103.														
REC	21	164'	SW CORNE	262081.	530059.														
REC	22	400'	SW CORNE	262223.	529940.														
S3	B1	2030	AM											34	1	1			
1	1																		
1	1	NB	355	AG	262726.	529646.	262368.	529919.	1700	2.7	0.68.	35.							
2	1	NB	T	355	AG	262368.	529919.	261955.	530285.	1400	2.7	0.80.	35.						
3	2	NBT	355	AG	262013.	530234.	262123.	530136.	0.60.	5									
		150		109	2.0	1400	29.1	1598	3	3									
29	1	NB	355	L	AG	262351.	529910.	261995.	530214.	300	2.7	0.32.	35.						
28	2	NB	355	L	AG	262003.	530207.	262061.	530158.	0.12.	1								
		150		130	2.0	300	29.1	1770	3	3									
30	1	NB	355	L	AG	261995.	530214.	261936.	530262.	300	2.7	0.32.	35.						
4	1	NB	dp	355	AG	261955.	530285.	261596.	530602.	1350	2.7	0.68.	35.						
5	1	NB	dp	355	AG	261596.	530602.	261206.	530930.	1350	2.7	0.68.	35.						
31	1	SB	355	L	AG	261535.	530602.	261837.	530345.	175	2.7	0.32.	35.						
28	2	SB	355	L	AG	261833.	530349.	261743.	530425.	0.12.	1								
		150		124	2.0	175	29.1	1770	3	3									
32	1	SB	355	L	AG	261837.	530345.	261928.	530269.	175	2.7	0.32.	35.						
6	1	SB	MD	355	AG	261171.	530898.	261465.	530639.	2050	2.7	0.68.	35.						
7	1	SB	MD	355	AG	261465.	530639.	261918.	530238.	2050	2.7	0.68.	35.						
8	2	SB	355	AG	261808.	530335.	261691.	530439.	0.48.	4									
		150		103	2.0	2050	29.1	1667	3	3									
9	1	SB	dp	355	AG	261918.	530238.	262329.	529899.	4300	2.7	0.56.	35.						
10	1	SB	dp	355	AG	262329.	529899.	262697.	529607.	4300	2.7	0.56.	35.						
11	1	EB	SHD	all	AG	261274.	529514.	261463.	529675.	2900	2.7	0.68.	35.						
12	1	EB	SHD	all	AG	261463.	529675.	261758.	530009.	2									

JOB: S3 B1 2030 AM
DATE: 12/22/2006 TIME: 12:44:48.27

RUN: S3 B1 2030 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	1700.	2.7	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	1400.	2.7	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	262137.6	530123.0	* 167.	132. AG	284.	100.0	.0	60.0	.71 8.5
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	300.	2.7	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	263089.2	529289.3	* 1422.	130. AG	68.	100.0	.0	12.0	1.60 72.2
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	300.	2.7	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	1350.	2.7	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	1350.	2.7	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	175.	2.7	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261741.3	530426.4	* 120.	310. AG	65.	100.0	.0	12.0	.68 6.1
11. 32	SB	355 L	* 261837.0	530345.0	261918.0	530238.0	* 119.	130. AG	175.	2.7	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	2050.	2.7	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	2050.	2.7	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261250.1	530830.9	* 746.	312. AG	214.	100.0	.0	48.0	1.07 37.9
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	4300.	2.7	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	4300.	2.7	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	2900.	2.7	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	2900.	2.7	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	2800.	2.7	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259428.6	527276.3	* 3840.	220. AG	221.	100.0	.0	48.0	1.90 195.1
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	100.	2.7	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261871.9	530187.2	* 29.	221. AG	110.	100.0	.0	24.0	.13 1.5
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2300.	2.7	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2300.	2.7	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2300.	2.7	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	2950.	2.7	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	2950.	2.7	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1400.	2.7	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262065.3	530469.2	* 158.	41. AG	268.	100.0	.0	60.0	.68 8.0
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	1550.	2.7	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	264900.0	533714.4	* 4467.	41. AG	107.	100.0	.0	24.0	2.01 226.9
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1825.	2.7	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1825.	2.7	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1825.	2.7	.0	68.0	

JOB: S3 B1 2030 AM
DATE: 12/22/2006 TIME: 12:44:48.27

RUN: S3 B1 2030 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	*	150	109	2.0	1400	1598	29.10	3	3
5. 28	NB	355 L	*	150	130	2.0	300	1770	29.10	3	3
10. 28	SB	355 L	*	150	124	2.0	175	1770	29.10	3	3
14. 8	SB	355	*	150	103	2.0	2050	1667	29.10	3	3
20. 14	EB	SG T	*	150	106	2.0	2800	1384	29.10	3	3
22. 22	EB	SG L	*	150	106	2.0	100	1434	29.10	3	3
29. 25	WB	SG T	*	150	103	2.0	1400	1432	29.10	3	3
31. 28	WB	SG L	*	150	103	2.0	1550	1345	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR			COORDINATES (FT)		
			X	Y	Z
1.	REC 1	400' SE CORNER	* 261835.0	530030.0	5.0
2.	REC 2	164' SE CORNER	* 262176.0	530165.0	5.0
3.	REC 3	82' SE CORNER	* 262120.0	530219.0	5.0
4.	REC 4	SE CORNER	* 262072.0	530268.0	5.0
5.	REC 4	SE CORNER	* 262098.0	530349.0	5.0
6.	REC 6	164' ES CORNER	* 262154.0	530413.0	5.0
7.	REC 7	400' ES CORNER	* 262306.0	530598.0	5.0
8.	REC 8	400' EN CORNER	* 262195.0	530686.0	5.0
9.	REC 9	164' EN CORNER	* 262034.0	530516.0	5.0
10.	REC 10	164' EN CORNE	* 261980.0	530447.0	5.0
11.	REC 11	NE CORNER	* 261922.0	530419.0	5.0
12.	REC 12	NW CORNER	* 261794.0	530257.0	5.0
13.	REC 13	82' WN CORNER	* 261763.0	530182.0	5.0
14.	REC 14	164' WN CORNE	* 261708.0	530118.0	5.0
15.	REC 15	400' WN CORNE	* 261546.0	529940.0	5.0
16.	REC 16	400' WS CORNE	* 261679.0	529849.0	5.0
17.	REC 17	164' WS CORNE	* 261834.0	530028.0	5.0
18.	REC 18	82' WS CORNER	* 261888.0	530090.0	5.0
19.	REC 19	SW CORNER	* 261953.0	530146.0	5.0
20.	REC 20	82' SW CORNER	* 262029.0	530103.0	5.0
21.	REC 21	164' SW CORNE	* 262081.0	530059.0	5.0
22.	REC 22	400' SW CORNE	* 262223.0	529940.0	5.0

JOB: S3 B1 2030 AM

RUN: S3 B1 2030 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE		CONCENTRATION (PPM)																			
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.6	.3	.3	.1	1.1	1.1	.9	.6	1.4
5.	*	.9	.1	.2	.5	.6	.6	.5	.0	.0	.0	.0	.4	.3	.3	.1	1.1	.9	.9	.9	1.3
10.	*	1.1	.1	.2	.6	.6	.5	.5	.0	.0	.0	.0	.3	.3	.3	.1	1.1	1.1	.9	1.0	1.3
15.	*	1.0	.1	.1	.5	.6	.7	.5	.0	.0	.0	.0	.2	.2	.2	.1	1.1	1.0	.9	1.0	1.3
20.	*	1.1	.1	.2	.4	.7	.7	.5	.0	.0	.0	.0	.2	.2	.1	.1	1.1	1.0	.9	1.1	1.2
25.	*	1.0	.1	.1	.5	.7	.6	.6	.0	.0	.0	.0	.2	.2	.1	.1	1.1	1.0	.9	1.1	1.1
30.	*	1.0	.1	.1	.5	.8	.5	.6	.1	.0	.0	.0	.1	.2	.2	.1	1.1	1.0	1.0	1.0	1.1
35.	*	1.0	.1	.1	.4	.6	.5	.4	.2	.2	.1	.1	.3	.4	.3	.2	.9	1.0	.8	1.0	1.2
40.	*	.8	.1	.1	.1	.4	.4	.3	.3	.3	.3	.1	.3	.4	.3	.2	.8	.7	.8	1.0	1.2
45.	*	.5	.0	.1	.1	.3	.3	.2	.4	.4	.5	.2	.5	.5	.4	.5	.8	.5	.5	.8	1.2
50.	*	.6	.0	.0	.1	.2	.1	.1	.4	.5	.7	.5	.6	.6	.4	.5	.4	.6	.4	1.0	1.0
55.	*	.3	.0	.0	.0	.0	.0	.0	.6	.5	.8	.6	.6	.6	.5	.6	.3	.3	.3	.9	1.0
60.	*	.3	.0	.0	.0	.0	.0	.0	.5	.6	.8	.6	.7	.6	.6	.7	.2	.3	.3	.9	.9
65.	*	.3	.0	.0	.0	.0	.0	.0	.5	.5	.8	.5	.7	.7	.6	.7	.8	.1	.3	.3	.9
70.	*	.2	.0	.0	.0	.0	.0	.0	.5	.5	.9	.6	.7	.6	.7	.9	.1	.2	.3	.9	1.0
75.	*	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.1	.7	.5	.6	.7	.8	.1	.2	.3	.9	.9
80.	*	.2	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.8	.3	.6	.8	.6	.0	.2	.4	.9	.9
85.	*	.1	.0	.0	.0	.0	.0	.0	.5	.3	1.0	.9	.5	.8	.8	.6	.0	.1	.4	.9	.8
90.	*	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.9	.5	.8	.8	.5	.0	.1	.4	.8	.7
95.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.6	.9	.8	.5	.0	.1	.4	.8	.7
100.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.7	.8	.6	.5	.0	.1	.3	.8	.8
105.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.9	.8	.6	.5	.0	.1	.2	.8	.7
110.	*	.1	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.9	.8	.6	.5	.0	.1	.3	.7	.7
115.	*	.1	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.9	.7	.5	.5	.0	.1	.3	.7	.8
120.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.8	.6	.5	.5	.0	.0	.3	.5	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.8	.6	.5	.5	.0	.0	.1	.4	.6
130.	*	.0	.2	.2	.1	.0	.0	.0	.4	.5	1.1	1.0	.6	.5	.6	.5	.0	.0	.0	.4	.5
135.	*	.0	.3	.3	.4	.0	.0	.0	.4	.6	1.1	1.2	.5	.5	.5	.5	.0	.0	.0	.1	.4
140.	*	.0	.4	.4	.5	.1	.0	.0	.4	.6	1.2	1.3	.5	.5	.5	.5	.0	.0	.0	.1	.2
145.	*	.0	.4	.5	.6	.2	.0	.0	.4	.7	1.3	1.2	.5	.5	.5	.5	.0	.0	.0	.1	.1
150.	*	.0	.4	.5	.6	.3	.1	.0	.4	.8	1.3	1.1	.5	.5	.5	.5	.0	.0	.0	.1	.1
155.	*	.0	.4	.6	.8	.3	.1	.0	.4	1.0	1.5	.9	.5	.5	.5	.5	.0	.0	.0	.0	.0
160.	*	.0	.4	.7	.9	.4	.0	.0	.4	1.1	1.5	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0
165.	*	.0	.4	.8	.9	.5	.1	.0	.4	1.1	1.5	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0
170.	*	.0	.4	.8	1.0	.5	.1	.0	.4	1.2	1.4	.7	.5	.6	.6	.5	.0	.0	.0	.0	.0
175.	*	.0	.4	.9	1.0	.6	.2	.0	.5	1.3	1.2	.5	.5	.6	.6	.6	.0	.0	.0	.0	.0
180.	*	.0	.4	.9	1.0	.5	.2	.0	.5	1.2	1.3	.5	.5	.7	.6	.6	.0	.0	.0	.0	.0
185.	*	.0	.4	1.0	1.0	.4	.3	.0	.7	1.2	1.1	.6	.5	.8	.7	.6	.0	.0	.0	.0	.0
190.	*	.0	.4	1.0	1.0	.4	.3	.0	.7	1.3	.9	.6	.6	.7	.7	.6	.0	.0	.0	.0	.0
195.	*	.0	.4	1.0	1.0	.4	.3	.2	.8	1.2	.9	.7	.5	.7	.7	.7	.0	.0	.0	.0	.0
200.	*	.1	.5	1.0	1.0	.4	.3	.2	.8	.9	.9	.7	.5	.7	.7	.7	.1	.1	.1	.0	.0
205.	*	.1	.5	1.0	1.1	.5	.4	.3	.8	1.0	.9	.7	.6	.7	.8	.7	.1	.1	.1	.1	.0

1

JOB: S3 B1 2030 AM

RUN: S3 B1 2030 AM

PAGE 4

WIND ANGLE		CONCENTRATION (PPM)																			
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.4	.6	1.1	1.1	.5	.5	.3	.8	.9	.9	.6	.6	.7	.8	.7	.3	.4	.2	.2	.1
215.	*	.5	.7	1.1	1.2	.8	.6	.5	.6	.7	.7	.6	.4	.7	.7	.5	.5	.5	.5	.3	.1
220.	*	.7	.8	1.2	1.3	.8	.7	.7	.4	.5	.7	.4	.2	.4	.5	.4	.7	.7	.8	.6	.2
225.	*	1.0	1.0	1.3	1.5	.8	.8	.6	.3	.3	.3	.4	.1	.3	.4	.3	1.1	.9	.9	.8	.3
230.	*	1.1	1.0	1.3	1.4	.9	.8	.8	.3	.2	.3	.4	.1	.2	.2	.2	1.1	1.1	1.0	.8	.4
235.	*	1.2	1.2	1.3	1.1	.8	.8	.9	.1	.1	.2	.3	.0	.0	.0	.0	1.1	1.2	1.1	.9	.4
240.	*	1.2	1.2	1.4	1.1	.6	.6	.9	.1	.1	.2	.4	.0	.0	.0	.0	1.1	1.2	1.1	.9	.4
245.	*	1.1	1.2	1.4	.9	.6	.7	.8	.1	.1	.2	.4	.0	.0	.0	.0	1.2	1.1	1.0	.9	.4
250.	*	.9	1.2	1.4	.8	.4	.8	.7	.1	.1	.3	.4	.0	.0	.0	.0	1.1	.9	1.1	.9	.5
255.	*	1.0	1.3	1.3	.7	.5	1.0	.7	.1	.2	.3	.4	.0	.0	.0	.0	1.1	.9	1.0	.8	.4
260.	*	1.0	1.4	1.2	.7	.8	1.0	.6	.1	.2	.3	.5	.0	.0	.0	.0	1.0	1.0	.9	.8	.4
265.	*	1.0	1.4	1.0	.7	.9	1.1	.6	.1	.2	.3	.5	.0	.0	.0	.0	.9	1.0	.9	.8	.4
270.	*	.9	1.3	.9	.4	1.0	1.1	.6	.1	.2	.4	.5	.0	.0	.0	.0	.9	.9	.9	.8	.4
275.	*	.9	1.3	.9	.4	1.2	1.2	.6	.1	.2	.3	.5	.0	.0	.0	.0	.9	.9	.9	.8	.4
280.	*	.9	1.2	.9	.4	1.2	1.2	.6	.1	.2	.3	.5	.0	.0	.0	.0	.9	.9	.9	.8	.4
285.	*	.8	1.1	.7	.7	1.3	1.1	.5	.0	.1	.2	.5	.0	.0	.0	.0	.9	.8	.8	.8	.3
290.	*	.8	1.0	.7	.6	1.2	1.0	.5	.0	.1	.2	.5	.0	.0	.0	.0	.8	.8	.8	.8	.3
295.	*	.8	1.0	.8	.7	1.2	1.0	.6	.0	.1	.2	.5	.0	.0	.0	.0	.8	.8	.8	.9	.5
300.	*	.8	.7	.8	.7	1.1	.9	.6	.0	.0	.1	.3	.1	.0	.0	.0	.8	.8	.8	.9	.5
305.	*	.8	.7	.7	.8	1.1	.8	.5	.0	.0	.1	.1	.1	.0	.0	.0	.8	.8	.8	1.1	.8
310.	*	.8	.3	.3	.7	1.1	.6	.5	.0	.0	.0	.1	.3	.1	.0	.0	.9	.8	.9	1.1	.8
315.	*	.9	.4	.5	.7	1.0	.6	.5	.0	.0	.0	.0	.4	.1	.0	.0	.8	.9	.9	1.2	.8
320.	*	.9	.3	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.5	.2	.1	.0	.8	.9	1.0	1.1	.9
325.	*	.9	.4	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.8	.9	1.1	1.0	.7
330.	*	1.0	.3	.4	.7	.9	.6	.5	.0	.0	.0	.0	.6	.4	.1	.0	.7	1.0	1.1	1.0	.7
335.	*	1.0	.3	.4	.7	.9	.6	.5	.0	.0	.0	.0	.6	.4	.2	.0	.9	1.0	1.1	.9	.7
340.	*	1.2	.3	.4	.7	.9	.6	.5	.0	.0	.0	.0	.6	.4	.2	.1	.9	1.2	1.1	.8	.7
345.	*	1.2	.3	.4	.6	.8	.6	.5	.0	.0	.0	.0	.6	.4	.2	.1	1.0	1.2	1.1	.7	.8
350.	*	1.1	.2	.3	.6	.7	.6	.5	.0	.0	.0	.0	.6	.4	.3	.1	1.0	1.1	1.1	.7	1.1
355.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.6	.3	.3	.1	1.0	1.1	1.0	.6	1.3
360.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.6	.3	.3	.1	1.1	1.1	.9	.6	1.4
MAX	*	1.2	1.4	1.4	1.5	1.3	1.2	.9	.8	1.3	1.5	1.3	.9	.9	.8	.9	1.2	1.2	1.1	1.2	1.4
DEGR.	*	235	260	240	225	285	275	235	200	175	155	140	105	95	80	70	245	235	235	315	0

1

JOB: S3 B1 2030 AM

RUN: S3 B1 2030 AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 .7
 5. * 1.4 .7
10. * 1.1 .6
15. * 1.1 .6
20. * 1.1 .6
25. * 1.0 .6
30. * 1.0 .6
35. * .9 .5
40. * 1.0 .5
45. * .7 .5
50. * .6 .5
55. * .6 .5
60. * .6 .5
65. * .5 .5
70. * .5 .5
75. * .6 .6
80. * .6 .6
85. * .6 .6
90. * .6 .6
95. * .6 .7
100. * .7 .7
105. * .7 .7
110. * .8 .7
115. * .8 .7
120. * .6 .6
125. * .6 .6
130. * .5 .4
135. * .4 .2
140. * .1 .2
145. * .1 .0
150. * .1 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0
1

```

JOB: S3 B1 2030 AM

RUN: S3 B1 2030 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .3 .2
240. * .4 .2
245. * .3 .2
250. * .3 .1
255. * .3 .1
260. * .2 .1
265. * .2 .1
270. * .3 .1
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .3 .1
295. * .4 .2
300. * .4 .4
305. * .6 .4
310. * .8 .6
315. * .9 .6
320. * .9 1.0
325. * .8 1.1
330. * .9 1.0
335. * 1.1 1.0
340. * 1.0 .9
345. * 1.1 .8
350. * 1.3 .7
355. * 1.4 .7
360. * 1.4 .7
-----*-----
MAX * 1.4 1.1
DEGR. * 0 325

```

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 155 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 225 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.40 PPM AT 260 DEGREES FROM REC2 .

1

JOB: S3 B1 2030 AM
 DATE: 12/22/2006 TIME: 12:44:48.27

RUN: S3 B1 2030 AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B130AM.OUT

		ANGLE (DEGREES)																			
LINK	#	REC1 235	REC2 260	REC3 240	REC4 225	REC5 285	REC6 275	REC7 235	REC8 200	REC9 175	REC10 155	REC11 140	REC12 105	REC13 95	REC14 80	REC15 70	REC16 245	REC17 235	REC18 235	REC19 315	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.7	.6	.5	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
14	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
15	*	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.4
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0
19	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.2	.2	.0
20	*	.8	.2	.3	.5	.0	.0	.1	.1	.0	.0	.0	.1	.3	.3	.3	.8	.8	.8	.4	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	*	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
24	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.4	.4	.1	.1	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2
30	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.1	.0
33	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B1 2030 AM
DATE: 12/22/2006 TIME: 12:44:48.27

RUN: S3 B1 2030 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)
		REC21	REC22	
		0	325	
1	*	.0	.0	
2	*	.1	.1	
3	*	.5	.2	
4	*	.0	.0	
5	*	.1	.1	
6	*	.0	.0	
7	*	.0	.0	
8	*	.0	.0	
9	*	.0	.0	
10	*	.0	.0	
11	*	.0	.0	
12	*	.0	.0	
13	*	.0	.0	
14	*	.0	.1	
15	*	.4	.5	
16	*	.0	.0	
17	*	.0	.0	
18	*	.0	.0	
19	*	.0	.0	
20	*	.0	.0	
21	*	.0	.0	
22	*	.0	.0	
23	*	.1	.0	
24	*	.0	.0	
25	*	.0	.0	
26	*	.0	.0	
27	*	.0	.0	
28	*	.0	.0	
29	*	.1	.1	
30	*	.0	.0	
31	*	.1	.0	
32	*	.0	.0	
33	*	.0	.0	
34	*	.0	.0	

S3B130PM.DAT

S3 B1 2030 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 B1 2030 PM	34	1	1

1							
1	NB	all	355	AG262726.529646.262368.529919.	4325	2.7	0. 68. 35.
2	NB	T	355	AG262368.529919.261955.530285.	3900	2.7	0. 80. 35.
3	NBT		355	AG262013.530234.262123.530136.	0. 60.	5	
150			103	2.0 3900 29.1 1598 3 3			
29	NB		355	L AG262351.529910.261995.530214.	425	2.7	0. 32. 35.
28	NB		355	L AG262003.530207.262061.530158.	0. 12.	1	
150			139	2.0 425 29.1 1770 3 3			
30	NB		355	L AG261995.530214.261936.530262.	425	2.7	0. 32. 35.
4	NB	dp	355	AG261955.530285.261596.530602.	3775	2.7	0. 68. 35.
5	NB	dp	355	AG261596.530602.261206.530930.	3775	2.7	0. 68. 35.
31	SB		355	L AG261535.530602.261837.530345.	125	2.7	0. 32. 35.
28	SB		355	L AG261833.530349.261743.530425.	0. 12.	1	
150			129	2.0 125 29.1 1770 3 3			
32	SB		355	L AG261837.530345.261928.530269.	125	2.7	0. 32. 35.
6	SB	MD	355	AG261171.530898.261465.530639.	975	2.7	0. 68. 35.
7	SB	MD	355	AG261465.530639.261918.530238.	975	2.7	0. 68. 35.
8	SB		355	AG261808.530335.261691.530439.	0. 48.	4	
150			93	2.0 975 29.1 1667 3 3			
9	SB	dp	355	AG261918.530238.262329.529899.	2875	2.7	0. 56. 35.
10	SB	dp	355	AG262329.529899.262697.529607.	2875	2.7	0. 56. 35.
11	EB	SHD	all	AG261274.529514.261463.529675.	4250	2.7	0. 68. 35.
12	EB	SHD	all	AG261463.529675.261758.530009.	4250	2.7	0. 68. 35.
13	EB	SH	T	GRAG261758.530009.261969.530256.	3625	2.7	0. 68. 35.
14	EB	SG	T	AG261920.530199.261822.530084.	0. 48.	4	
150			92	2.0 3625 29.1 1371 3 3			
21	EB	SHDY	L	AG261699.529992.261934.530258.	625	2.7	0. 44. 35.
22	EB	SG	L	AG261891.530209.261797.530102.	0. 24.	2	
150			92	2.0 625 29.1 1434 3 3			
15	EB	SHDY	dp	AG261969.530256.262204.530526.	3250	2.7	0. 56. 35.
16	EB	SHDY	dp	AG262204.530526.262474.530885.	3250	2.7	0. 56. 35.
17	EB	SHDY	dp	AG262474.530885.262575.531030.	3250	2.7	0. 56. 35.
18	WB	SHDY	all	AG262529.531064.262224.530640.	1350	2.7	0. 56. 35.
23	WB	SG	all	AG262224.530640.262090.530497.	1350	2.7	0. 68. 35.
24	WB	SGT		AG262090.530497.261906.530286.	750	2.7	0. 80. 35.
25	WB	SG	T	AG261962.530350.262066.530470.	0. 60.	5	
150			118	2.0 750 29.1 1433 3 3			
27	WB	SG	L	AG262171.530532.261947.530269.	600	2.7	0. 44. 35.
28	WB	SG	L	AG261993.530323.262095.530442.	0. 24.	2	
150			118	2.0 600 29.1 1345 3 3			
26	WB	SG	dp	AG261906.530286.261623.529966.	1125	2.7	0. 68. 35.
19	WB	SHD	dp	AG261623.529966.261365.529670.	1125	2.7	0. 68. 35.
20	WB	SHD	dp	AG261365.529670.261222.529563.	1125	2.7	0. 68. 35.
1.0	0.4	1000.	0.0Y	5 0 72			

JOB: S3 B1 2030 PM
DATE: 12/22/2006 TIME: 12:47:15.30

RUN: S3 B1 2030 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	4325.	2.7	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	3900.	2.7	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	264839.2	527716.0	* 3785.	132. AG	268.	100.0	.0	60.0	1.70 192.3
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	425.	2.7	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	265003.4	527672.0	* 3928.	130. AG	72.	100.0	.0	12.0	5.18 199.5
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	425.	2.7	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	3775.	2.7	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	3775.	2.7	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	125.	2.7	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261765.1	530406.3	* 89.	310. AG	67.	100.0	.0	12.0	.63 4.5
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	125.	2.7	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	975.	2.7	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	975.	2.7	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261715.7	530417.1	* 124.	312. AG	194.	100.0	.0	48.0	.41 6.3
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	2875.	2.7	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	2875.	2.7	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	4250.	2.7	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	4250.	2.7	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	3625.	2.7	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	258858.9	526607.9	* 4719.	220. AG	191.	100.0	.0	48.0	1.84 239.7
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	625.	2.7	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261787.4	530091.1	* 157.	221. AG	96.	100.0	.0	24.0	.60 8.0
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	3250.	2.7	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	3250.	2.7	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	3250.	2.7	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	1350.	2.7	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	1350.	2.7	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	750.	2.7	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262025.4	530423.2	* 97.	41. AG	307.	100.0	.0	60.0	.56 4.9
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	600.	2.7	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	262492.7	530906.0	* 768.	41. AG	123.	100.0	.0	24.0	1.20 39.0
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1125.	2.7	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1125.	2.7	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1125.	2.7	.0	68.0	

JOB: S3 B1 2030 PM
DATE: 12/22/2006 TIME: 12:47:15.30

RUN: S3 B1 2030 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	*	150	103	2.0	3900	1598	29.10	3	3
5. 28	NB	355 L	*	150	139	2.0	425	1770	29.10	3	3
10. 28	SB	355 L	*	150	129	2.0	125	1770	29.10	3	3
14. 8	SB	355	*	150	93	2.0	975	1667	29.10	3	3
20. 14	EB	SG T	*	150	92	2.0	3625	1371	29.10	3	3
22. 22	EB	SG L	*	150	92	2.0	625	1434	29.10	3	3
29. 25	WB	SG T	*	150	118	2.0	750	1433	29.10	3	3
31. 28	WB	SG L	*	150	118	2.0	600	1345	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR			X	COORDINATES (FT)	Z
				Y	
1.	REC 1	400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2	164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3	82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4	SE CORNER	262072.0	530268.0	5.0
5.	REC 4	SE CORNER	262098.0	530349.0	5.0
6.	REC 6	164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7	400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8	400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9	164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10	164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11	NE CORNER	261922.0	530419.0	5.0
12.	REC 12	NW CORNER	261794.0	530257.0	5.0
13.	REC 13	82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14	164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15	400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16	400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17	164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18	82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19	SW CORNER	261953.0	530146.0	5.0
20.	REC 20	82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21	164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22	400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 B1 2030 PM

RUN: S3 B1 2030 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.0	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.9	1.0	1.0	.8	1.3
5.	1.0	.1	.2	.4	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.9	1.0	1.1	1.0	1.2
10.	1.0	.2	.2	.4	.5	.6	.6	.0	.0	.0	.0	.4	.2	.2	.0	.9	1.0	.9	.9	1.2
15.	1.1	.2	.3	.4	.5	.6	.6	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.1	1.2	.8	1.1
20.	1.2	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.2	1.1	1.0	1.2
25.	1.1	.0	.2	.4	.6	.6	.5	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.1	1.0	1.1	1.2
30.	1.1	.0	.2	.3	.6	.6	.5	.0	.0	.0	.0	.2	.1	.2	.0	1.0	1.1	1.0	1.1	1.1
35.	1.0	.0	.0	.3	.5	.6	.3	.1	.0	.0	.0	.3	.3	.3	.0	1.0	.9	.8	1.1	1.1
40.	.9	.0	.0	.2	.4	.3	.3	.1	.1	.1	.0	.4	.4	.4	.1	.7	.9	.7	.9	1.0
45.	.7	.0	.0	.0	.3	.3	.2	.2	.2	.1	.4	.5	.4	.4	.5	.7	.7	.7	.9	1.0
50.	.6	.0	.0	.0	.1	.1	.1	.3	.3	.2	.2	.5	.5	.5	.4	.5	.6	.4	.8	1.0
55.	.4	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.6	.5	.6	.5	.3	.4	.4	.9	1.0
60.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.6	.5	.6	.6	.2	.4	.4	.9	1.0
65.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.5	.6	.7	.8	.2	.4	.5	.9	1.0
70.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.6	.8	.8	.2	.4	.5	.9	1.0
75.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.6	.8	.8	.8	.1	.4	.6	.9	1.0
80.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.7	1.0	.6	.1	.4	.6	.9	1.1
85.	.4	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.7	.9	1.1	.7	.1	.4	.6	.9	1.1
90.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.6	.6	.9	1.1	.7	.1	.4	.6	.9	1.1
95.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.6	.6	1.0	1.0	.7	.2	.4	.6	1.0	1.1
100.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.7	.6	1.1	1.0	.8	.2	.4	.6	1.0	1.1
105.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.6	.7	1.0	1.2	1.1	.8	.2	.5	.6	1.0	1.2
110.	.5	.0	.0	.0	.0	.0	.0	.4	.2	.6	.7	1.1	1.2	1.1	.7	.2	.5	.7	1.1	1.3
115.	.4	.1	.1	.1	.0	.0	.0	.4	.2	.5	.8	1.1	1.2	.9	.7	.2	.4	.7	1.1	1.3
120.	.4	.2	.2	.2	.1	.0	.0	.4	.2	.8	.8	1.2	1.1	.8	.6	.1	.4	.5	1.0	1.3
125.	.2	.7	.7	.5	.1	.1	.0	.4	.3	1.0	1.1	1.2	1.0	.7	.6	.1	.2	.4	1.0	1.3
130.	.2	.9	.9	.8	.2	.1	.0	.4	.3	1.3	1.3	1.1	.8	.6	.6	.1	.2	.2	.7	1.1
135.	.1	1.3	1.1	1.1	.4	.2	.1	.5	.4	1.5	1.4	.9	.7	.6	.5	.0	.1	.1	.5	.6
140.	.0	1.4	1.3	1.3	.7	.4	.1	.5	.6	1.6	1.5	.6	.7	.5	.5	.0	.0	.1	.2	.3
145.	.0	1.6	1.6	1.4	.7	.5	.2	.5	.6	1.5	1.5	.5	.6	.5	.5	.0	.0	.0	.1	.2
150.	.0	1.6	1.3	1.3	.6	.5	.2	.5	.7	1.6	1.2	.5	.6	.6	.5	.0	.0	.0	.0	.0
155.	.0	1.3	1.3	1.2	.7	.5	.2	.6	.6	1.6	1.1	.5	.6	.6	.6	.0	.0	.0	.0	.0
160.	.0	1.3	1.3	1.2	.7	.4	.2	.6	.7	1.7	.8	.5	.6	.6	.6	.0	.0	.0	.0	.0
165.	.0	1.2	1.2	1.2	.7	.4	.2	.6	.9	1.6	.7	.5	.6	.5	.6	.0	.0	.0	.0	.0
170.	.0	1.2	1.2	1.2	.7	.4	.2	.6	.8	1.5	.7	.5	.6	.5	.6	.0	.0	.0	.0	.0
175.	.0	1.2	1.2	1.1	.7	.5	.2	.7	.9	1.3	.6	.6	.6	.6	.6	.0	.0	.0	.0	.0
180.	.0	1.2	1.1	1.1	.6	.5	.2	.7	.9	1.4	.5	.6	.6	.6	.6	.0	.0	.0	.0	.0
185.	.0	1.1	1.1	1.1	.5	.4	.2	.6	.9	1.4	.5	.7	.6	.6	.6	.0	.0	.0	.0	.0
190.	.0	1.1	1.1	1.0	.5	.4	.2	.6	1.1	1.2	.5	.6	.6	.6	.5	.0	.0	.0	.0	.0
195.	.0	1.1	1.0	1.0	.5	.4	.2	.6	1.0	1.0	.6	.6	.5	.6	.6	.0	.0	.0	.0	.0
200.	.0	1.0	1.0	1.0	.5	.4	.2	.7	1.1	.9	.9	.5	.6	.6	.6	.0	.0	.0	.0	.0
205.	.1	1.0	1.0	1.1	.5	.5	.3	.6	.8	1.0	.8	.5	.7	.7	.6	.1	.1	.1	.1	.0

1

JOB: S3 B1 2030 PM

RUN: S3 B1 2030 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.3	1.0	1.1	1.0	.8	.6	.4	.6	.8	.8	.6	.5	.6	.6	.5	.3	.3	.3	.2	.1
215.	.5	1.2	1.1	1.1	.9	.7	.7	.6	.7	.7	.6	.4	.5	.5	.5	.5	.5	.6	.4	.1
220.	.7	1.2	1.2	1.3	1.0	.8	.6	.4	.5	.4	.4	.2	.5	.5	.3	.8	.7	.7	.6	.2
225.	1.0	1.3	1.4	1.4	1.1	.9	.8	.2	.4	.3	.4	.1	.3	.3	1.0	1.0	.9	.7	.4	
230.	1.1	1.2	1.4	1.4	1.0	.9	.9	.2	.3	.3	.4	.1	.1	.1	.1	1.1	1.1	.8	.4	
235.	1.1	1.3	1.5	1.3	.7	.9	.7	.1	.2	.2	.3	.0	.0	.0	.0	1.1	1.1	.9	.4	
240.	1.1	1.3	1.5	1.2	.7	.7	.7	.1	.2	.2	.3	.0	.0	.0	.0	1.2	1.1	.8	.4	
245.	1.0	1.3	1.4	1.0	.8	.9	.7	.1	.2	.2	.4	.0	.0	.0	.0	1.1	.9	1.0	.8	
250.	1.0	1.5	1.3	1.1	.7	.8	.8	.0	.2	.2	.4	.0	.0	.0	.0	1.0	1.0	1.0	.9	
255.	1.0	1.4	1.4	.7	.6	.9	.7	.0	.2	.2	.4	.0	.0	.0	.0	1.0	1.0	.9	.5	
260.	.9	1.4	1.3	.7	.6	1.0	.6	.0	.1	.2	.4	.0	.0	.0	.0	1.0	.9	.8	.3	
265.	.8	1.4	1.2	.5	.9	1.0	.6	.0	.1	.2	.4	.0	.0	.0	.0	.8	.8	.9	.7	
270.	.8	1.4	1.1	.5	1.0	1.0	.6	.0	.1	.2	.3	.0	.0	.0	.0	.8	.8	.9	.7	
275.	.7	1.4	.9	.4	1.0	.8	.6	.0	.1	.1	.3	.0	.0	.0	.0	.8	.7	.9	.4	
280.	.7	1.3	1.0	.6	1.1	.8	.5	.0	.1	.1	.3	.0	.0	.0	.0	.8	.7	.9	.4	
285.	.7	1.1	.9	.6	1.0	.6	.4	.0	.1	.1	.2	.0	.0	.0	.0	.8	.7	.9	.4	
290.	.7	1.1	.7	.6	.9	.6	.4	.0	.1	.2	.2	.0	.0	.0	.0	.8	.7	.8	.4	
295.	.7	.8	.7	.7	.9	.4	.4	.0	.1	.2	.3	.0	.0	.0	.0	.8	.7	.8	.4	
300.	.8	.7	.8	.8	1.0	.4	.4	.0	.0	.1	.2	.0	.0	.0	.0	.8	.8	.9	.5	
305.	.8	.7	.5	.7	.8	.5	.4	.0	.0	.1	.2	.0	.0	.0	.0	.8	.8	.9	.3	
310.	.8	.5	.5	.6	.8	.5	.4	.0	.0	.0	.2	.0	.0	.0	.0	.8	.8	.9	.6	
315.	.8	.5	.5	.7	.7	.5	.5	.0	.0	.0	.0	.2	.0	.0	.0	.8	.8	.9	.6	
320.	.9	.3	.5	.7	.6	.4	.5	.0	.0	.0	.0	.2	.0	.0	.0	.8	.9	.8	.7	
325.	.9	.3	.4	.6	.5	.4	.5	.0	.0	.0	.0	.4	.1	.0	.0	.8	.8	.8	.7	
330.	.8	.3	.4	.6	.5	.4	.5	.0	.0	.0	.0	.5	.1	.0	.0	.8	.8	1.0	.6	
335.	.9	.3	.3	.6	.4	.4	.5	.0	.0	.0	.0	.5	.2	.1	.0	.8	.9	1.0	.7	
340.	1.1	.2	.3	.5	.5	.5	.6	.0	.0	.0	.0	.5	.2	.1	.0	.8	1.1	1.1	.6	
345.	1.1	.2	.3	.6	.5	.6	.6	.0	.0	.0	.0	.5	.2	.0	.0	.8	1.1	1.1	.6	
350.	1.1	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.2	.1	.0	.8	1.1	1.1	.7	
355.	1.1	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.8	1.1	1.0	.7	
360.	1.0	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.9	1.0	1.0	.8	
MAX DEGR.	1.2	1.6	1.6	1.4	1.1	1.0	.9	.7	1.1	1.7	1.5	1.2	1.2	1.1	.8	1.2	1.2	1.2	1.1	1.3
	20	145	145	145	225	260	230	175	190	160	140	120	105	85	65	240	20	15	25	0

1

JOB: S3 B1 2030 PM

RUN: S3 B1 2030 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 1.1
 5. * 1.2 1.1
10. * 1.2 1.0
15. * 1.1 1.0
20. * 1.1 1.0
25. * 1.1 1.0
30. * 1.0 1.0
35. * 1.0 1.0
40. * 1.0 1.0
45. * 1.0 1.0
50. * 1.0 1.0
55. * 1.0 1.0
60. * 1.0 1.0
65. * 1.0 1.0
70. * 1.0 1.0
75. * 1.0 1.0
80. * 1.1 1.0
85. * 1.1 1.2
90. * 1.1 1.2
95. * 1.1 1.3
100. * 1.2 1.2
105. * 1.2 1.3
110. * 1.3 1.3
115. * 1.4 1.5
120. * 1.3 1.4
125. * 1.3 1.1
130. * 1.1 .9
135. * .6 .8
140. * .3 .3
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0
1

```

JOB: S3 B1 2030 PM

RUN: S3 B1 2030 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .3 .1
240. * .3 .1
245. * .3 .1
250. * .3 .1
255. * .3 .2
260. * .3 .2
265. * .3 .2
270. * .3 .2
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .3 .1
295. * .3 .3
300. * .3 .3
305. * .3 .5
310. * .5 .5
315. * .6 .8
320. * .7 .9
325. * .7 1.1
330. * .9 1.2
335. * 1.2 1.2
340. * 1.1 1.1
345. * 1.2 1.2
350. * 1.3 1.2
355. * 1.4 1.2
360. * 1.4 1.1
-----*-----
MAX * 1.4 1.5
DEGR. * 0 115

```

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 160 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 145 DEGREES FROM REC3 .

1

JOB: S3 B1 2030 PM
 DATE: 12/22/2006 TIME: 12:47:15.30

RUN: S3 B1 2030 PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B130PM.OUT

LINK #	*	ANGLE (DEGREES)																			
		REC1 20	REC2 145	REC3 145	REC4 145	REC5 225	REC6 260	REC7 230	REC8 175	REC9 190	REC10 160	REC11 140	REC12 120	REC13 105	REC14 85	REC15 65	REC16 240	REC17 20	REC18 15	REC19 25	REC20 0
1	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.3	.3	.3	.1	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.2	.2
3	*	.0	.9	.9	.8	.1	.0	.0	.2	.1	.3	.5	.5	.3	.2	.1	.0	.0	.0	.1	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2	.3
16	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0
19	*	.3	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.2	.1	.0	.3	.3	.1	.0
20	*	.5	.0	.0	.0	.4	.0	.2	.0	.1	.0	.0	.1	.3	.3	.3	.7	.5	.4	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1
24	*	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.1	.0	.0	.0	.0	.3	.1	.0	.4	.7	.4	.0	.0	.0	.0	.0	.1	.1	.1	.1
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B1 2030 PM
DATE: 12/22/2006 TIME: 12:47:15.30

RUN: S3 B1 2030 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)
		REC21	REC22	
		0	115	
1	*	.0	.2	
2	*	.2	.1	
3	*	.5	.7	
4	*	.0	.0	
5	*	.1	.1	
6	*	.0	.0	
7	*	.0	.0	
8	*	.0	.0	
9	*	.0	.0	
10	*	.0	.0	
11	*	.0	.0	
12	*	.0	.0	
13	*	.0	.0	
14	*	.0	.0	
15	*	.3	.2	
16	*	.0	.2	
17	*	.0	.0	
18	*	.0	.0	
19	*	.0	.0	
20	*	.0	.0	
21	*	.0	.0	
22	*	.0	.0	
23	*	.1	.0	
24	*	.0	.0	
25	*	.0	.0	
26	*	.0	.0	
27	*	.0	.0	
28	*	.0	.0	
29	*	.1	.0	
30	*	.0	.0	
31	*	.1	.0	
32	*	.0	.0	
33	*	.0	.0	
34	*	.0	.0	

S3B230AM.DAT

S3 B2 2030 AM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 B1 2030 AM	34	1	1

1							
1		NB all	355	AG262726.529646.262368.529919.	1700	2.7	0. 68. 35.
2		NB T	355	AG262368.529919.261955.530285.	1425	2.7	0. 80. 35.
3		NBT	355	AG262013.530234.262123.530136.	0. 60.	5	
	150		110	2.0 1425 29.1 1598 3 3			
29		NB	355 L	AG262351.529910.261995.530214.	275	2.7	0. 32. 35.
28		NB	355 L	AG262003.530207.262061.530158.	0. 12.	1	
	150		133	2.0 275 29.1 1770 3 3			
30		NB	355 L	AG261995.530214.261936.530262.	275	2.7	0. 32. 35.
4		NB dp	355	AG261955.530285.261596.530602.	1375	2.7	0. 68. 35.
5		NB dp	355	AG261596.530602.261206.530930.	1375	2.7	0. 68. 35.
31		SB	355 L	AG261535.530602.261837.530345.	175	2.7	0. 32. 35.
28		SB	355 L	AG261833.530349.261743.530425.	0. 12.	1	
	150		127	2.0 175 29.1 1770 3 3			
32		SB	355 L	AG261837.530345.261928.530269.	175	2.7	0. 32. 35.
6		SB MD	355	AG261171.530898.261465.530639.	2050	2.7	0. 68. 35.
7		SB MD	355	AG261465.530639.261918.530238.	2050	2.7	0. 68. 35.
8		SB	355	AG261808.530335.261691.530439.	0. 48.	4	
	150		104	2.0 2050 29.1 1667 3 3			
9		SB dp	355	AG261918.530238.262329.529899.	4275	2.7	0. 56. 35.
10		SB dp	355	AG262329.529899.262697.529607.	4275	2.7	0. 56. 35.
11		EB SHD all	AG261274.529514.261463.529675.	2950	2.7	0. 68. 35.	
12		EB SHD all	AG261463.529675.261758.530009.	2950	2.7	0. 68. 35.	
13		EB SH T	GRAG261758.530009.261969.530256.	2850	2.7	0. 68. 35.	
14		EB SG T	AG261920.530199.261822.530084.	0. 48.	4		
	150		104	2.0 2850 29.1 1384 3 3			
21		EB SHDY L	AG261699.529992.261934.530258.	100	2.7	0. 44. 35.	
22		EB SG L	AG261891.530209.261797.530102.	0. 24.	2		
	150		104	2.0 100 29.1 1434 3 3			
15		EB SHDY dp	AG261969.530256.262204.530526.	2350	2.7	0. 56. 35.	
16		EB SHDY dp	AG262204.530526.262474.530885.	2350	2.7	0. 56. 35.	
17		EB SHDY dp	AG262474.530885.262575.531030.	2350	2.7	0. 56. 35.	
18		WB SHDYall	AG262529.531064.262224.530640.	2975	2.7	0. 56. 35.	
23		WB SG all	AG262224.530640.262090.530497.	2975	2.7	0. 68. 35.	
24		WB SGT	AG262090.530497.261906.530286.	1450	2.7	0. 80. 35.	
25		WB SG T	AG261962.530350.262066.530470.	0. 60.	5		
	150		103	2.0 1450 29.1 1432 3 3			
27		WB SG L	AG262171.530532.261947.530269.	1525	2.7	0. 44. 35.	
28		WB SG L	AG261993.530323.262095.530442.	0. 24.	2		
	150		103	2.0 1525 29.1 1345 3 3			
26		WB SG dp	AG261906.530286.261623.529966.	1850	2.7	0. 68. 35.	
19		WB SHD dp	AG261623.529966.261365.529670.	1850	2.7	0. 68. 35.	
20		WB SHD dp	AG261365.529670.261222.529563.	1850	2.7	0. 68. 35.	
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: S3 B2 2030 AM
DATE: 12/26/2006 TIME: 11:26:46.58

RUN: S3 B1 2030 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	1700.	2.7	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	1425.	2.7	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	262142.8	530118.4	* 174.	132. AG	286.	100.0	.0	60.0	.74 8.8
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	275.	2.7	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	263155.6	529233.2	* 1509.	130. AG	69.	100.0	.0	12.0	1.80 76.7
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	275.	2.7	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	1375.	2.7	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	1375.	2.7	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	175.	2.7	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261732.1	530434.2	* 132.	310. AG	66.	100.0	.0	12.0	.78 6.7
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	175.	2.7	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	2050.	2.7	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	2050.	2.7	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261166.1	530905.6	* 859.	312. AG	216.	100.0	.0	48.0	1.10 43.6
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	4275.	2.7	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	4275.	2.7	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	2950.	2.7	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	2950.	2.7	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	2850.	2.7	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	259468.3	527322.8	* 3779.	220. AG	216.	100.0	.0	48.0	1.84 192.0
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	100.	2.7	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261872.2	530187.6	* 28.	221. AG	108.	100.0	.0	24.0	.12 1.4
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	2350.	2.7	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	2350.	2.7	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	2350.	2.7	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	2975.	2.7	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	2975.	2.7	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	1450.	2.7	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262069.0	530473.5	* 163.	41. AG	268.	100.0	.0	60.0	.71 8.3
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	1525.	2.7	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	264809.9	533609.2	* 4328.	41. AG	107.	100.0	.0	24.0	1.98 219.9
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1850.	2.7	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1850.	2.7	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1850.	2.7	.0	68.0	

JOB: S3 B2 2030 AM
DATE: 12/26/2006 TIME: 11:26:46.58

RUN: S3 B1 2030 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION				CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. 3	NBT	355	*	150	110	2.0	1425	1598	29.10	3	3
5. 28	NB	355	L *	150	133	2.0	275	1770	29.10	3	3
10. 28	SB	355	L *	150	127	2.0	175	1770	29.10	3	3
14. 8	SB	355	*	150	104	2.0	2050	1667	29.10	3	3
20. 14	EB	SG	T *	150	104	2.0	2850	1384	29.10	3	3
22. 22	EB	SG	L *	150	104	2.0	100	1434	29.10	3	3
29. 25	WB	SG	T *	150	103	2.0	1450	1432	29.10	3	3
31. 28	WB	SG	L *	150	103	2.0	1525	1345	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR			COORDINATES (FT)		
			X	Y	Z
1.	REC 1	400' SE CORNER	261835.0	530030.0	5.0
2.	REC 2	164' SE CORNER	262176.0	530165.0	5.0
3.	REC 3	82' SE CORNER	262120.0	530219.0	5.0
4.	REC 4	SE CORNER	262072.0	530268.0	5.0
5.	REC 4	SE CORNER	262098.0	530349.0	5.0
6.	REC 6	164' ES CORNER	262154.0	530413.0	5.0
7.	REC 7	400' ES CORNER	262306.0	530598.0	5.0
8.	REC 8	400' EN CORNER	262195.0	530686.0	5.0
9.	REC 9	164' EN CORNER	262034.0	530516.0	5.0
10.	REC 10	164' EN CORNE	261980.0	530447.0	5.0
11.	REC 11	NE CORNER	261922.0	530419.0	5.0
12.	REC 12	NW CORNER	261794.0	530257.0	5.0
13.	REC 13	82' WN CORNER	261763.0	530182.0	5.0
14.	REC 14	164' WN CORNE	261708.0	530118.0	5.0
15.	REC 15	400' WN CORNE	261546.0	529940.0	5.0
16.	REC 16	400' WS CORNE	261679.0	529849.0	5.0
17.	REC 17	164' WS CORNE	261834.0	530028.0	5.0
18.	REC 18	82' WS CORNER	261888.0	530090.0	5.0
19.	REC 19	SW CORNER	261953.0	530146.0	5.0
20.	REC 20	82' SW CORNER	262029.0	530103.0	5.0
21.	REC 21	164' SW CORNE	262081.0	530059.0	5.0
22.	REC 22	400' SW CORNE	262223.0	529940.0	5.0

JOB: S3 B2 2030 AM

RUN: S3 B1 2030 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.6	.3	.3	.1	1.0	1.1	.9	.7	1.4
5.	*	1.0	.1	.2	.5	.7	.6	.6	.0	.0	.0	.0	.5	.3	.3	.1	1.1	.9	.9	.8	1.3
10.	*	1.1	.1	.2	.6	.6	.5	.6	.0	.0	.0	.0	.5	.3	.3	.1	1.1	1.1	.9	1.0	1.3
15.	*	1.0	.1	.2	.6	.6	.7	.5	.0	.0	.0	.0	.4	.2	.2	.1	1.1	1.0	.9	1.0	1.3
20.	*	1.0	.1	.3	.4	.7	.7	.5	.0	.0	.0	.0	.3	.2	.1	.1	1.1	1.0	.9	1.1	1.2
25.	*	1.1	.1	.2	.5	.7	.7	.6	.0	.0	.0	.0	.3	.2	.1	.1	1.1	1.0	.9	1.1	1.1
30.	*	1.0	.1	.1	.5	.7	.5	.6	.1	.0	.0	.0	.2	.2	.2	.1	1.1	1.0	1.0	1.0	1.1
35.	*	1.0	.1	.1	.4	.6	.5	.4	.2	.2	.1	.1	.4	.4	.3	.2	.9	1.0	.8	1.0	1.2
40.	*	.8	.1	.1	.1	.4	.4	.3	.3	.3	.3	.1	.4	.4	.3	.2	.8	.8	.7	1.0	1.2
45.	*	.5	.0	.1	.1	.3	.3	.2	.4	.4	.5	.2	.5	.5	.4	.5	.7	.5	.6	.8	1.1
50.	*	.6	.0	.0	.1	.2	.1	.1	.4	.5	.7	.5	.6	.7	.4	.5	.3	.6	.4	1.0	1.0
55.	*	.3	.0	.0	.0	.0	.0	.0	.6	.6	.8	.6	.6	.6	.5	.6	.3	.3	.3	.9	1.0
60.	*	.3	.0	.0	.0	.0	.0	.0	.6	.6	.8	.6	.6	.6	.6	.6	.2	.3	.4	.9	1.0
65.	*	.3	.0	.0	.0	.0	.0	.0	.5	.5	.9	.6	.7	.7	.6	.9	.1	.3	.4	.9	.9
70.	*	.2	.0	.0	.0	.0	.0	.0	.5	.5	.9	.6	.7	.6	.7	.9	.1	.2	.3	.9	.9
75.	*	.2	.0	.0	.0	.0	.0	.0	.5	.5	1.1	.7	.5	.6	.7	.8	.1	.2	.3	.9	1.0
80.	*	.2	.0	.0	.0	.0	.0	.0	.5	.4	1.1	.8	.3	.6	.8	.6	.0	.2	.5	.9	.9
85.	*	.1	.0	.0	.0	.0	.0	.0	.5	.3	1.0	.9	.5	.8	.8	.6	.0	.2	.4	.9	.9
90.	*	.1	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.9	.5	.8	.8	.5	.0	.1	.4	.9	.8
95.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.1	.9	.6	.8	.8	.5	.0	.1	.4	.8	.7
100.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.7	.9	.6	.5	.0	.1	.3	.8	.8
105.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	1.0	.9	.9	.8	.6	.5	.0	.1	.2	.8	.7
110.	*	.1	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.9	.8	.6	.5	.0	.1	.3	.7	.7
115.	*	.1	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.9	.7	.5	.5	.0	.1	.3	.6	.8
120.	*	.0	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	.8	.7	.5	.5	.0	.0	.3	.5	.8
125.	*	.0	.0	.0	.0	.0	.0	.0	.4	.5	1.0	.9	1.0	.8	.6	.5	.0	.0	.1	.4	.6
130.	*	.0	.2	.2	.2	.0	.0	.0	.4	.6	1.1	1.0	.6	.6	.6	.5	.0	.0	.0	.4	.5
135.	*	.0	.3	.3	.4	.0	.0	.0	.4	.6	1.1	1.2	.5	.5	.6	.5	.0	.0	.0	.1	.4
140.	*	.0	.4	.5	.6	.2	.0	.0	.4	.7	1.2	1.3	.4	.5	.5	.5	.0	.0	.0	.1	.2
145.	*	.0	.4	.5	.6	.2	.0	.0	.4	.8	1.3	1.2	.5	.5	.5	.5	.0	.0	.0	.1	.1
150.	*	.0	.4	.6	.6	.3	.1	.0	.4	.8	1.4	1.0	.4	.5	.5	.5	.0	.0	.0	.0	.1
155.	*	.0	.4	.6	.8	.3	.1	.0	.4	1.1	1.5	.9	.5	.5	.6	.5	.0	.0	.0	.0	.0
160.	*	.0	.4	.7	.9	.4	.0	.0	.4	1.1	1.6	.6	.5	.5	.5	.5	.0	.0	.0	.0	.0
165.	*	.0	.4	.8	1.0	.5	.1	.0	.4	1.2	1.5	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0
170.	*	.0	.4	.9	1.0	.5	.1	.0	.4	1.3	1.5	.7	.5	.6	.6	.6	.0	.0	.0	.0	.0
175.	*	.0	.4	.9	1.0	.6	.2	.0	.5	1.3	1.2	.5	.5	.6	.6	.6	.0	.0	.0	.0	.0
180.	*	.0	.4	1.0	1.0	.5	.2	.0	.5	1.2	1.2	.5	.5	.7	.6	.6	.0	.0	.0	.0	.0
185.	*	.0	.4	1.0	1.0	.5	.3	.0	.7	1.3	1.1	.6	.5	.7	.6	.6	.0	.0	.0	.0	.0
190.	*	.0	.5	1.0	1.0	.5	.3	.0	.7	1.3	.9	.7	.6	.7	.7	.6	.0	.0	.0	.0	.0
195.	*	.0	.5	1.0	1.0	.5	.3	.2	.8	1.3	.9	.7	.5	.7	.7	.7	.0	.0	.0	.0	.0
200.	*	.1	.5	1.0	1.0	.5	.3	.2	.8	1.0	.9	.7	.5	.7	.7	.8	.1	.1	.0	.0	.0
205.	*	.1	.6	1.0	1.1	.6	.4	.3	.8	1.0	.9	.7	.6	.7	.8	.7	.1	.1	.1	.1	.0

1

JOB: S3 B2 2030 AM

RUN: S3 B1 2030 AM

PAGE 4

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.6	1.1	1.1	.6	.6	.3	.8	.9	.8	.6	.5	.7	.8	.7	.3	.3	.2	.2	.1
215.	*	.5	.8	1.1	1.3	.8	.6	.5	.6	.8	.7	.6	.4	.7	.7	.5	.5	.5	.5	.3	.1
220.	*	.7	.9	1.2	1.3	.8	.7	.7	.4	.5	.7	.4	.2	.4	.5	.4	.7	.7	.8	.7	.2
225.	*	1.0	1.1	1.3	1.5	.8	.8	.6	.3	.3	.3	.4	.1	.3	.4	.3	1.0	.9	.9	.8	.3
230.	*	1.1	1.1	1.3	1.4	1.0	.8	.8	.3	.2	.3	.4	.1	.2	.2	.2	1.1	1.1	1.0	.8	.4
235.	*	1.2	1.1	1.4	1.1	.8	.8	.9	.1	.1	.2	.3	.0	.0	.0	.0	1.1	1.2	1.1	.8	.4
240.	*	1.2	1.2	1.4	1.1	.6	.6	.9	.1	.1	.2	.4	.0	.0	.0	.0	1.1	1.2	1.1	.9	.4
245.	*	1.1	1.2	1.4	.9	.6	.7	.8	.1	.1	.2	.4	.0	.0	.0	.0	1.1	1.1	1.0	.9	.4
250.	*	.9	1.3	1.4	.8	.4	.8	.7	.1	.1	.3	.5	.0	.0	.0	.0	1.1	.9	1.1	.9	.5
255.	*	1.0	1.4	1.3	.7	.5	1.0	.7	.1	.2	.3	.5	.0	.0	.0	.0	1.1	.9	.9	.8	.4
260.	*	1.0	1.4	1.2	.7	.8	1.0	.6	.1	.2	.3	.6	.0	.0	.0	.0	.9	1.0	.9	.8	.4
265.	*	1.0	1.4	1.0	.7	.9	1.1	.6	.1	.2	.4	.5	.0	.0	.0	.0	.9	1.0	.9	.8	.4
270.	*	.9	1.3	.9	.4	1.0	1.1	.6	.1	.2	.4	.5	.0	.0	.0	.0	.9	.9	.9	.8	.4
275.	*	.9	1.3	.9	.4	1.3	1.2	.6	.1	.2	.4	.5	.0	.0	.0	.0	.9	.9	.9	.8	.4
280.	*	.9	1.2	.9	.4	1.3	1.2	.6	.1	.2	.3	.5	.0	.0	.0	.0	.9	.8	.8	.8	.3
285.	*	.8	1.1	.7	.7	1.3	1.2	.6	.0	.2	.2	.5	.0	.0	.0	.0	.8	.8	.8	.8	.3
290.	*	.8	1.0	.7	.6	1.2	1.0	.5	.0	.1	.2	.5	.0	.0	.0	.0	.8	.8	.8	.7	.3
295.	*	.8	1.0	.8	.7	1.2	1.0	.6	.0	.1	.2	.5	.0	.0	.0	.0	.8	.8	.8	.8	.5
300.	*	.8	.7	.8	.8	1.2	1.0	.6	.0	.1	.1	.3	.1	.0	.0	.0	.8	.8	.8	.9	.5
305.	*	.8	.7	.7	.9	1.1	.8	.5	.0	.0	.1	.2	.2	.0	.0	.0	.8	.8	.9	1.1	.8
310.	*	.8	.4	.3	.7	1.1	.8	.5	.0	.0	.1	.1	.4	.1	.0	.0	.8	.8	.9	1.2	.7
315.	*	.9	.4	.5	.7	1.0	.6	.5	.0	.0	.0	.1	.5	.1	.0	.0	.8	.9	1.0	1.2	.8
320.	*	.9	.3	.4	.7	1.0	.7	.5	.0	.0	.0	.0	.6	.2	.1	.0	.8	.9	1.0	1.1	.9
325.	*	1.0	.4	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.6	.2	.1	.0	.8	1.0	1.2	1.1	.9
330.	*	1.0	.4	.4	.7	1.0	.6	.5	.0	.0	.0	.0	.6	.4	.2	.0	.7	1.0	1.2	1.0	.7
335.	*	1.0	.3	.4	.7	.9	.6	.5	.0	.0	.0	.0	.6	.4	.2	.1	.8	1.0	1.1	.9	.8
340.	*	1.1	.3	.4	.7	.9	.6	.5	.0	.0	.0	.0	.6	.4	.2	.1	.9	1.1	1.1	.8	.7
345.	*	1.2	.3	.4	.7	.8	.6	.5	.0	.0	.0	.0	.6	.4	.2	.1	1.0	1.2	1.0	.7	.9
350.	*	1.1	.3	.3	.6	.8	.6	.5	.0	.0	.0	.0	.7	.4	.3	.1	1.0	1.1	1.1	.7	1.1
355.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.7	.4	.3	.1	1.0	1.1	1.0	.6	1.3
360.	*	1.1	.1	.3	.5	.7	.6	.5	.0	.0	.0	.0	.6	.3	.3	.1	1.0	1.1	.9	.7	1.4
MAX	*	1.2	1.4	1.4	1.5	1.3	1.2	.9	.8	1.3	1.6	1.3	.9	.9	.8	.9	1.1	1.2	1.2	1.2	1.4
DEGR.	*	235	255	235	225	275	275	235	200	170	160	140	105	100	80	65	5	235	325	310	0

1

JOB: S3 B2 2030 AM

RUN: S3 B1 2030 AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 .7
 5. * 1.4 .7
10. * 1.1 .6
15. * 1.1 .6
20. * 1.1 .6
25. * 1.1 .6
30. * 1.0 .6
35. * 1.0 .5
40. * .9 .5
45. * .8 .5
50. * .7 .5
55. * .6 .5
60. * .6 .5
65. * .6 .5
70. * .5 .5
75. * .6 .6
80. * .6 .6
85. * .6 .6
90. * .6 .6
95. * .6 .7
100. * .6 .7
105. * .7 .6
110. * .8 .7
115. * .8 .7
120. * .6 .6
125. * .6 .6
130. * .5 .4
135. * .4 .3
140. * .1 .2
145. * .1 .0
150. * .1 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 B2 2030 AM

RUN: S3 B1 2030 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .2 .1
240. * .3 .2
245. * .3 .2
250. * .3 .1
255. * .3 .1
260. * .2 .1
265. * .3 .1
270. * .3 .1
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .3 .1
295. * .4 .2
300. * .4 .4
305. * .6 .4
310. * .8 .6
315. * .9 .6
320. * .9 1.0
325. * .8 1.1
330. * 1.0 1.0
335. * 1.1 1.0
340. * 1.0 .9
345. * 1.1 .8
350. * 1.4 .7
355. * 1.4 .7
360. * 1.4 .7
-----*-----
MAX * 1.4 1.1
DEGR. * 0 325

```

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 160 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 225 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.40 PPM AT 255 DEGREES FROM REC2 .

1

JOB: S3 B2 2030 AM
 DATE: 12/26/2006 TIME: 11:26:46.58

RUN: S3 B1 2030 AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B230AM.OUT

LINK	#	ANGLE (DEGREES)																			
		REC1 235	REC2 255	REC3 235	REC4 225	REC5 275	REC6 275	REC7 235	REC8 200	REC9 170	REC10 160	REC11 140	REC12 105	REC13 100	REC14 80	REC15 65	REC16 5	REC17 235	REC18 325	REC19 310	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	
3	*	.0	.7	.6	.5	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.4	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	
14	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	
15	*	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.4	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	
19	*	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.2	.2	
20	*	.8	.2	.3	.5	.0	.0	.1	.1	.0	.0	.0	.1	.3	.3	.3	.7	.8	.5	.4	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23	*	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
24	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.3	.4	.1	.1	.6	.7	.4	.0	.0	.0	.0	.0	.0	.0	.2	
30	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.1	.0	
33	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S3 B2 2030 AM
DATE: 12/26/2006 TIME: 11:26:46.58

RUN: S3 B1 2030 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)
		REC21	REC22	
		0	325	
1	*	.0	.0	
2	*	.1	.1	
3	*	.5	.2	
4	*	.0	.0	
5	*	.1	.1	
6	*	.0	.0	
7	*	.0	.0	
8	*	.0	.0	
9	*	.0	.0	
10	*	.0	.0	
11	*	.0	.0	
12	*	.0	.0	
13	*	.0	.0	
14	*	.0	.1	
15	*	.4	.5	
16	*	.0	.0	
17	*	.0	.0	
18	*	.0	.0	
19	*	.0	.0	
20	*	.0	.0	
21	*	.0	.0	
22	*	.0	.0	
23	*	.1	.0	
24	*	.0	.0	
25	*	.0	.0	
26	*	.0	.0	
27	*	.0	.0	
28	*	.0	.0	
29	*	.1	.1	
30	*	.0	.0	
31	*	.1	.0	
32	*	.0	.0	
33	*	.0	.0	
34	*	.0	.0	

S3B230PM.DAT

S3 B2 2030 PM	60.0175.0.0000.000220.30480000	11	1

REC 1	400'	SE CORNER	261835.	530030.	5.		
REC 2	164'	SE CORNER	262176.	530165.	5.		
REC 3	82'	SE CORNER	262120.	530219.	5.		
REC 4		SE CORNER	262072.	530268.	5.		
REC 4		SE CORNER	262098.	530349.	5.		
REC 6	164'	ES CORNER	262154.	530413.	5.		
REC 7	400'	ES CORNER	262306.	530598.	5.		
REC 8	400'	EN CORNER	262195.	530686.	5.		
REC 9	164'	EN CORNER	262034.	530516.	5.		
REC 10	164'	EN CORNE	261980.	530447.	5.		
REC 11		NE CORNER	261922.	530419.	5.		
REC 12		NW CORNER	261794.	530257.	5.		
REC 13	82'	WN CORNER	261763.	530182.	5.		
REC 14	164'	WN CORNE	261708.	530118.	5.		
REC 15	400'	WN CORNE	261546.	529940.	5.		
REC 16	400'	WS CORNE	261679.	529849.	5.		
REC 17	164'	WS CORNE	261834.	530028.	5.		
REC 18	82'	WS CORNER	261888.	530090.	5.		
REC 19		SW CORNER	261953.	530146.	5.		
REC 20	82'	SW CORNER	262029.	530103.	5.		
REC 21	164'	SW CORNE	262081.	530059.	5.		
REC 22	400'	SW CORNE	262223.	529940.	5.		

S3 B2 2030 PM	34	1	1

1							
1	NB	all	355	AG262726.529646.262368.529919.	4325	2.7	0. 68. 35.
2	NB	T	355	AG262368.529919.261955.530285.	3900	2.7	0. 80. 35.
3	NBT		355	AG262013.530234.262123.530136.	0.	60.	5
150			103	2.0 3900 29.1 1598 3 3			
29	NB		355	L AG262351.529910.261995.530214.	425	2.7	0. 32. 35.
28	NB		355	L AG262003.530207.262061.530158.	0.	12.	1
150			141	2.0 425 29.1 1770 3 3			
30	NB		355	L AG261995.530214.261936.530262.	425	2.7	0. 32. 35.
4	NB	dp	355	AG261955.530285.261596.530602.	3800	2.7	0. 68. 35.
5	NB	dp	355	AG261596.530602.261206.530930.	3800	2.7	0. 68. 35.
31	SB		355	L AG261535.530602.261837.530345.	125	2.7	0. 32. 35.
28	SB		355	L AG261833.530349.261743.530425.	0.	12.	1
150			131	2.0 125 29.1 1770 3 3			
32	SB		355	L AG261837.530345.261928.530269.	125	2.7	0. 32. 35.
6	SB	MD	355	AG261171.530898.261465.530639.	975	2.7	0. 68. 35.
7	SB	MD	355	AG261465.530639.261918.530238.	975	2.7	0. 68. 35.
8	SB		355	AG261808.530335.261691.530439.	0.	48.	4
150			93	2.0 975 29.1 1714 3 3			
9	SB	dp	355	AG261918.530238.262329.529899.	2875	2.7	0. 56. 35.
10	SB	dp	355	AG262329.529899.262697.529607.	2875	2.7	0. 56. 35.
11	EB	SHD	all	AG261274.529514.261463.529675.	4300	2.7	0. 68. 35.
12	EB	SHD	all	AG261463.529675.261758.530009.	4300	2.7	0. 68. 35.
13	EB	SH	T	GRAG261758.530009.261969.530256.	3650	2.7	0. 68. 35.
14	EB	SG	T	AG261920.530199.261822.530084.	0.	48.	4
150			92	2.0 3650 29.1 1371 3 3			
21	EB	SHDY	L	AG261699.529992.261934.530258.	650	2.7	0. 44. 35.
22	EB	SG	L	AG261891.530209.261797.530102.	0.	24.	2
150			92	2.0 650 29.1 1434 3 3			
15	EB	SHDY	dp	AG261969.530256.262204.530526.	3275	2.7	0. 56. 35.
16	EB	SHDY	dp	AG262204.530526.262474.530885.	3275	2.7	0. 56. 35.
17	EB	SHDY	dp	AG262474.530885.262575.531030.	3275	2.7	0. 56. 35.
18	WB	SHDY	all	AG262529.531064.262224.530640.	1375	2.7	0. 56. 35.
23	WB	SG	all	AG262224.530640.262090.530497.	1375	2.7	0. 68. 35.
24	WB	SGT		AG262090.530497.261906.530286.	775	2.7	0. 80. 35.
25	WB	SG	T	AG261962.530350.262066.530470.	0.	60.	5
150			118	2.0 775 29.1 1434 3 3			
27	WB	SG	L	AG262171.530532.261947.530269.	600	2.7	0. 44. 35.
28	WB	SG	L	AG261993.530323.262095.530442.	0.	24.	2
150			118	2.0 600 29.1 1345 3 3			
26	WB	SG	dp	AG261906.530286.261623.529966.	1150	2.7	0. 68. 35.
19	WB	SHD	dp	AG261623.529966.261365.529670.	1150	2.7	0. 68. 35.
20	WB	SHD	dp	AG261365.529670.261222.529563.	1150	2.7	0. 68. 35.
1.0	0.4	1000.	0.0Y	5 0 72			

JOB: S3 B2 2030 PM
DATE: 12/26/2006 TIME: 11:29:52.95

RUN: S3 B2 2030 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB	355	* 262726.0	529646.0	262368.0	529919.0	* 450.	307. AG	4325.	2.7	.0	68.0	
2. 2	NB	T 355	* 262368.0	529919.0	261955.0	530285.0	* 552.	312. AG	3900.	2.7	.0	80.0	
3. 3	NBT	355	* 262013.0	530234.0	264839.2	527716.0	* 3785.	132. AG	268.	100.0	.0	60.0	1.70 192.3
4. 29	NB	355 L	* 262351.0	529910.0	261995.0	530214.0	* 468.	310. AG	425.	2.7	.0	32.0	
5. 28	NB	355 L	* 262003.0	530207.0	265211.4	527496.3	* 4200.	130. AG	73.	100.0	.0	12.0	7.20 213.4
6. 30	NB	355 L	* 261995.0	530214.0	261936.0	530262.0	* 76.	309. AG	425.	2.7	.0	32.0	
7. 4	NB	dp 355	* 261955.0	530285.0	261596.0	530602.0	* 479.	311. AG	3800.	2.7	.0	68.0	
8. 5	NB	dp 355	* 261596.0	530602.0	261206.0	530930.0	* 510.	310. AG	3800.	2.7	.0	68.0	
9. 31	SB	355 L	* 261535.0	530602.0	261837.0	530345.0	* 397.	130. AG	125.	2.7	.0	32.0	
10. 28	SB	355 L	* 261833.0	530349.0	261760.9	530409.9	* 94.	310. AG	68.	100.0	.0	12.0	.71 4.8
11. 32	SB	355 L	* 261837.0	530345.0	261928.0	530269.0	* 119.	130. AG	125.	2.7	.0	32.0	
12. 6	SB	MD 355	* 261171.0	530898.0	261465.0	530639.0	* 392.	131. AG	975.	2.7	.0	68.0	
13. 7	SB	MD 355	* 261465.0	530639.0	261918.0	530238.0	* 605.	132. AG	975.	2.7	.0	68.0	
14. 8	SB	355	* 261808.0	530335.0	261715.7	530417.1	* 124.	312. AG	194.	100.0	.0	48.0	.40 6.3
15. 9	SB	dp 355	* 261918.0	530238.0	262329.0	529899.0	* 533.	130. AG	2875.	2.7	.0	56.0	
16. 10	SB	dp 355	* 262329.0	529899.0	262697.0	529607.0	* 470.	128. AG	2875.	2.7	.0	56.0	
17. 11	EB	SHD all*	261274.0	529514.0	261463.0	529675.0	* 248.	50. AG	4300.	2.7	.0	68.0	
18. 12	EB	SHD all*	261463.0	529675.0	261758.0	530009.0	* 446.	41. AG	4300.	2.7	.0	68.0	
19. 13	EB	SH T GR*	261758.0	530009.0	261969.0	530256.0	* 325.	41. AG	3650.	2.7	.0	68.0	
20. 14	EB	SG T	* 261920.0	530199.0	258817.8	526559.7	* 4782.	220. AG	191.	100.0	.0	48.0	1.85 242.9
21. 21	EB	SHDY L	* 261699.0	529992.0	261934.0	530258.0	* 355.	41. AG	650.	2.7	.0	44.0	
22. 22	EB	SG L	* 261891.0	530209.0	261783.1	530086.2	* 163.	221. AG	96.	100.0	.0	24.0	.63 8.3
23. 15	EB	SHDY dp*	261969.0	530256.0	262204.0	530526.0	* 358.	41. AG	3275.	2.7	.0	56.0	
24. 16	EB	SHDY dp*	262204.0	530526.0	262474.0	530885.0	* 449.	37. AG	3275.	2.7	.0	56.0	
25. 17	EB	SHDY dp*	262474.0	530885.0	262575.0	531030.0	* 177.	35. AG	3275.	2.7	.0	56.0	
26. 18	WB	SHDYall*	262529.0	531064.0	262224.0	530640.0	* 522.	216. AG	1375.	2.7	.0	56.0	
27. 23	WB	SG all*	262224.0	530640.0	262090.0	530497.0	* 196.	223. AG	1375.	2.7	.0	68.0	
28. 24	WB	SGT	* 262090.0	530497.0	261906.0	530286.0	* 280.	221. AG	775.	2.7	.0	80.0	
29. 25	WB	SG T	* 261962.0	530350.0	262027.5	530425.6	* 100.	41. AG	307.	100.0	.0	60.0	.58 5.1
30. 27	WB	SG L	* 262171.0	530532.0	261947.0	530269.0	* 345.	220. AG	600.	2.7	.0	44.0	
31. 28	WB	SG L	* 261993.0	530323.0	262492.7	530906.0	* 768.	41. AG	123.	100.0	.0	24.0	1.20 39.0
32. 26	WB	SG dp	* 261906.0	530286.0	261623.0	529966.0	* 427.	221. AG	1150.	2.7	.0	68.0	
33. 19	WB	SHD dp	* 261623.0	529966.0	261365.0	529670.0	* 393.	221. AG	1150.	2.7	.0	68.0	
34. 20	WB	SHD dp	* 261365.0	529670.0	261222.0	529563.0	* 179.	233. AG	1150.	2.7	.0	68.0	

JOB: S3 B2 2030 PM
DATE: 12/26/2006 TIME: 11:29:52.95

RUN: S3 B2 2030 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION		*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
		*								
3. 3	NBT	355	150	103	2.0	3900	1598	29.10	3	3
5. 28	NB	355 L	150	141	2.0	425	1770	29.10	3	3
10. 28	SB	355 L	150	131	2.0	125	1770	29.10	3	3
14. 8	SB	355	150	93	2.0	975	1714	29.10	3	3
20. 14	EB	SG T	150	92	2.0	3650	1371	29.10	3	3
22. 22	EB	SG L	150	92	2.0	650	1434	29.10	3	3
29. 25	WB	SG T	150	118	2.0	775	1434	29.10	3	3
31. 28	WB	SG L	150	118	2.0	600	1345	29.10	3	3

RECEPTOR LOCATIONS

			COORDINATES (FT)		
RECEPTOR			X	Y	Z
1. REC 1	400'	SE CORNER	261835.0	530030.0	5.0
2. REC 2	164'	SE CORNER	262176.0	530165.0	5.0
3. REC 3	82'	SE CORNER	262120.0	530219.0	5.0
4. REC 4	SE	CORNER	262072.0	530268.0	5.0
5. REC 4	SE	CORNER	262098.0	530349.0	5.0
6. REC 6	164'	ES CORNER	262154.0	530413.0	5.0
7. REC 7	400'	ES CORNER	262306.0	530598.0	5.0
8. REC 8	400'	EN CORNER	262195.0	530686.0	5.0
9. REC 9	164'	EN CORNER	262034.0	530516.0	5.0
10. REC 10	164'	EN CORNE	261980.0	530447.0	5.0
11. REC 11	NE	CORNER	261922.0	530419.0	5.0
12. REC 12	NW	CORNER	261794.0	530257.0	5.0
13. REC 13	82'	WN CORNER	261763.0	530182.0	5.0
14. REC 14	164'	WN CORNE	261708.0	530118.0	5.0
15. REC 15	400'	WN CORNE	261546.0	529940.0	5.0
16. REC 16	400'	WS CORNE	261679.0	529849.0	5.0
17. REC 17	164'	WS CORNE	261834.0	530028.0	5.0
18. REC 18	82'	WS CORNER	261888.0	530090.0	5.0
19. REC 19	SW	CORNER	261953.0	530146.0	5.0
20. REC 20	82'	SW CORNER	262029.0	530103.0	5.0
21. REC 21	164'	SW CORNE	262081.0	530059.0	5.0
22. REC 22	400'	SW CORNE	262223.0	529940.0	5.0

JOB: S3 B2 2030 PM

RUN: S3 B2 2030 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first

angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	1.0	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	.9	1.0	1.0	.8	1.3
5.	1.0	.1	.2	.4	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.9	1.0	1.1	1.0	1.2
10.	1.0	.2	.2	.4	.5	.6	.6	.0	.0	.0	.0	.5	.2	.2	.0	.9	1.0	.9	.9	1.2
15.	1.1	.2	.3	.4	.5	.6	.6	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.1	1.2	.8	1.1
20.	1.2	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.2	1.1	1.0	1.2
25.	1.1	.0	.2	.4	.6	.6	.5	.0	.0	.0	.0	.3	.2	.2	.0	1.0	1.1	1.0	1.1	1.2
30.	1.1	.0	.2	.3	.6	.6	.5	.0	.0	.0	.0	.2	.1	.2	.0	1.0	1.1	1.0	1.1	1.1
35.	1.0	.0	.0	.3	.5	.6	.3	.1	.0	.0	.0	.3	.3	.3	.0	1.0	.9	.8	1.1	1.1
40.	.9	.0	.0	.3	.4	.3	.3	.1	.1	.1	.0	.4	.4	.4	.1	.7	.9	.7	.9	1.0
45.	.7	.0	.0	.0	.3	.3	.2	.2	.2	.1	.4	.5	.4	.4	.5	.7	.7	.7	.9	1.0
50.	.6	.0	.0	.0	.1	.1	.1	.3	.3	.2	.2	.5	.5	.5	.4	.5	.6	.4	.8	1.0
55.	.4	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.6	.5	.6	.5	.3	.4	.4	.9	1.0
60.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.6	.5	.6	.6	.2	.4	.4	.9	1.0
65.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.5	.6	.7	.8	.2	.4	.5	.9	1.0
70.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.4	.5	.6	.8	.9	.2	.4	.5	.9	1.0
75.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.6	.8	.8	.8	.1	.4	.6	.9	1.0
80.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.5	.5	.7	1.0	.6	.1	.4	.6	.9	1.1
85.	.4	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.7	.9	1.1	.7	.1	.4	.6	.9	1.1
90.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.6	.6	.9	1.1	.7	.1	.4	.6	.9	1.1
95.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.5	.7	.6	1.0	1.0	.7	.2	.4	.6	1.0	1.1
100.	.4	.0	.0	.0	.0	.0	.0	.4	.4	.6	.7	.6	1.1	1.1	.8	.2	.4	.6	1.0	1.1
105.	.5	.0	.0	.0	.0	.0	.0	.4	.4	.6	.7	1.0	1.3	1.2	.8	.2	.5	.6	1.0	1.2
110.	.5	.0	.0	.0	.0	.0	.0	.4	.2	.7	.7	1.1	1.3	1.1	.7	.2	.5	.7	1.1	1.3
115.	.4	.1	.1	.1	.0	.0	.0	.4	.2	.7	.9	1.1	1.3	1.1	.7	.2	.4	.7	1.1	1.3
120.	.4	.2	.2	.2	.1	.0	.0	.4	.2	.9	.8	1.2	1.1	.8	.6	.1	.4	.5	1.0	1.3
125.	.2	.7	.7	.5	.1	.1	.0	.4	.3	1.1	1.1	1.2	1.0	.7	.6	.1	.2	.4	1.0	1.3
130.	.2	.9	.9	.8	.2	.1	.0	.4	.3	1.3	1.3	1.1	.8	.6	.6	.1	.2	.2	.7	1.1
135.	.1	1.3	1.1	1.1	.4	.2	.1	.5	.4	1.6	1.4	.9	.7	.6	.5	.0	.1	.1	.5	.6
140.	.0	1.4	1.3	1.3	.7	.4	.1	.5	.6	1.6	1.5	.6	.7	.5	.5	.0	.0	.1	.2	.3
145.	.0	1.6	1.6	1.4	.7	.5	.2	.6	.6	1.6	1.5	.5	.6	.5	.5	.0	.0	.0	.1	.2
150.	.0	1.6	1.3	1.3	.6	.5	.2	.5	.7	1.7	1.2	.5	.6	.6	.5	.0	.0	.0	.0	.0
155.	.0	1.3	1.3	1.2	.7	.5	.2	.6	.8	1.7	1.1	.5	.6	.6	.6	.0	.0	.0	.0	.0
160.	.0	1.3	1.3	1.2	.7	.4	.2	.6	.8	1.7	.8	.5	.6	.6	.6	.0	.0	.0	.0	.0
165.	.0	1.2	1.2	1.2	.7	.4	.2	.6	.9	1.6	.7	.5	.6	.5	.6	.0	.0	.0	.0	.0
170.	.0	1.2	1.2	1.2	.7	.4	.2	.6	.8	1.5	.7	.5	.6	.5	.6	.0	.0	.0	.0	.0
175.	.0	1.2	1.2	1.1	.7	.5	.2	.7	.9	1.3	.6	.6	.6	.6	.6	.0	.0	.0	.0	.0
180.	.0	1.2	1.1	1.1	.6	.5	.2	.7	1.0	1.4	.5	.6	.6	.6	.6	.0	.0	.0	.0	.0
185.	.0	1.1	1.1	1.1	.6	.4	.2	.6	.9	1.4	.5	.7	.6	.6	.6	.0	.0	.0	.0	.0
190.	.0	1.1	1.1	1.0	.5	.4	.2	.6	1.1	1.2	.5	.6	.6	.6	.6	.0	.0	.0	.0	.0
195.	.0	1.1	1.0	1.0	.5	.4	.2	.6	1.0	1.0	.6	.6	.6	.6	.6	.0	.0	.0	.0	.0
200.	.0	1.0	1.0	1.0	.5	.4	.2	.7	1.1	.9	.9	.5	.6	.6	.6	.0	.0	.0	.0	.0
205.	.1	1.0	1.0	1.1	.5	.5	.3	.6	.9	1.0	.8	.5	.7	.7	.6	.1	.1	.1	.1	.0

1

JOB: S3 B2 2030 PM

RUN: S3 B2 2030 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	1.0	1.1	1.0	.8	.6	.4	.6	1.0	.8	.7	.5	.6	.6	.5	.3	.3	.3	.2	.1
215.	.5	1.2	1.1	1.1	.9	.7	.7	.6	.7	.7	.6	.4	.5	.5	.5	.5	.5	.6	.4	.1
220.	.7	1.2	1.2	1.4	1.0	.8	.6	.4	.5	.4	.4	.2	.5	.5	.3	.8	.7	.7	.6	.2
225.	1.0	1.3	1.4	1.4	1.1	.9	.8	.2	.4	.3	.4	.1	.3	.3	1.0	1.0	.9	.7	.4	
230.	1.1	1.2	1.4	1.4	1.0	.9	.9	.2	.3	.3	.4	.1	.1	.1	1.1	1.1	1.1	.8	.4	
235.	1.1	1.3	1.5	1.4	.7	.9	.7	.1	.2	.2	.3	.0	.0	.0	1.2	1.1	1.1	.9	.4	
240.	1.1	1.3	1.5	1.2	.7	.7	.7	.1	.2	.2	.3	.0	.0	.0	1.2	1.1	1.2	.8	.4	
245.	1.0	1.3	1.4	1.0	.8	.9	.8	.1	.2	.2	.4	.0	.0	.0	1.1	1.1	1.0	.9	.5	
250.	1.0	1.5	1.3	1.1	.7	.8	.9	.0	.2	.2	.4	.0	.0	.0	1.0	1.0	1.0	.9	.5	
255.	1.0	1.4	1.5	.7	.6	.9	.7	.0	.2	.2	.4	.0	.0	.0	1.0	1.0	.9	.9	.5	
260.	.9	1.4	1.3	.7	.6	1.0	.6	.0	.1	.2	.4	.0	.0	.0	1.0	.9	.8	.9	.3	
265.	.8	1.4	1.2	.5	.9	1.0	.6	.0	.1	.2	.4	.0	.0	.0	.8	.8	.9	.8	.3	
270.	.8	1.4	1.1	.5	1.0	1.0	.6	.0	.1	.2	.3	.0	.0	.0	.8	.8	.9	.7	.4	
275.	.7	1.4	.9	.4	1.0	.8	.6	.0	.1	.1	.3	.0	.0	.0	.8	.7	.9	.7	.4	
280.	.7	1.3	1.0	.6	1.1	.8	.5	.0	.1	.1	.3	.0	.0	.0	.8	.7	.9	.7	.4	
285.	.7	1.1	.9	.6	1.0	.6	.4	.0	.1	.1	.2	.0	.0	.0	.8	.7	.9	.7	.4	
290.	.7	1.1	.7	.6	.9	.6	.4	.0	.1	.2	.2	.0	.0	.0	.8	.7	.8	.7	.4	
295.	.7	.8	.7	.7	.9	.4	.4	.0	.1	.2	.3	.0	.0	.0	.8	.7	.8	.7	.4	
300.	.8	.7	.8	.8	1.0	.4	.4	.0	.0	.1	.2	.0	.0	.0	.8	.8	.9	.7	.5	
305.	.8	.7	.5	.7	.9	.5	.5	.0	.0	.1	.2	.0	.0	.0	.8	.8	.9	.7	.3	
310.	.8	.5	.5	.6	.8	.5	.5	.0	.0	.0	.2	.0	.0	.0	.8	.8	.9	.7	.6	
315.	.9	.5	.5	.7	.8	.5	.5	.0	.0	.0	.0	.2	.0	.0	.8	.9	.9	.9	.6	
320.	.9	.3	.5	.7	.7	.4	.5	.0	.0	.0	.0	.2	.0	.0	.8	.9	.9	.8	.7	
325.	.9	.3	.4	.6	.5	.4	.5	.0	.0	.0	.0	.4	.1	.0	.8	.9	.8	.8	.7	
330.	.9	.3	.4	.6	.5	.4	.5	.0	.0	.0	.0	.5	.1	.0	.8	.8	1.0	.9	.6	
335.	.9	.3	.3	.6	.5	.4	.5	.0	.0	.0	.0	.5	.2	.1	.0	.8	.9	1.1	.7	
340.	1.1	.3	.3	.5	.5	.5	.6	.0	.0	.0	.0	.5	.2	.1	.0	.8	1.1	1.1	.6	
345.	1.1	.2	.3	.6	.5	.6	.6	.0	.0	.0	.0	.5	.2	.0	.8	1.1	1.1	.6	1.0	
350.	1.1	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.2	.1	.0	.8	1.1	.7	1.0	
355.	1.1	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.5	.3	.2	.0	.8	1.1	.7	1.2	
360.	1.0	.2	.2	.5	.5	.6	.6	.0	.0	.0	.0	.6	.3	.2	.0	.9	1.0	.8	1.3	
MAX DEGR.	1.2	1.6	1.6	1.4	1.1	1.0	.9	.7	1.1	1.7	1.5	1.2	1.3	1.2	.9	1.2	1.2	1.2	1.1	1.3
	20	145	145	145	225	260	230	175	190	150	140	120	105	105	70	235	20	15	25	0

1

JOB: S3 B2 2030 PM

RUN: S3 B2 2030 PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
 0. * 1.4 1.1
 5. * 1.2 1.1
10. * 1.2 1.0
15. * 1.1 1.0
20. * 1.1 1.0
25. * 1.1 1.0
30. * 1.0 1.0
35. * 1.0 1.0
40. * 1.0 1.0
45. * 1.0 1.0
50. * 1.0 1.0
55. * 1.0 1.0
60. * 1.0 1.0
65. * 1.0 1.0
70. * 1.0 1.0
75. * 1.0 1.0
80. * 1.1 1.0
85. * 1.1 1.2
90. * 1.1 1.2
95. * 1.1 1.3
100. * 1.2 1.2
105. * 1.2 1.3
110. * 1.3 1.3
115. * 1.4 1.5
120. * 1.3 1.4
125. * 1.3 1.1
130. * 1.1 .9
135. * .6 .8
140. * .3 .3
145. * .2 .1
150. * .0 .0
155. * .0 .0
160. * .0 .0
165. * .0 .0
170. * .0 .0
175. * .0 .0
180. * .0 .0
185. * .0 .0
190. * .0 .0
195. * .0 .0
200. * .0 .0
205. * .0 .0

```

1

JOB: S3 B2 2030 PM

RUN: S3 B2 2030 PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .0 .0
215. * .1 .0
220. * .1 .1
225. * .2 .1
230. * .2 .1
235. * .3 .1
240. * .3 .1
245. * .3 .1
250. * .3 .1
255. * .3 .2
260. * .3 .2
265. * .3 .2
270. * .3 .2
275. * .3 .1
280. * .3 .1
285. * .3 .1
290. * .4 .2
295. * .3 .3
300. * .3 .3
305. * .3 .5
310. * .5 .5
315. * .6 .8
320. * .7 .9
325. * .7 1.1
330. * .9 1.2
335. * 1.2 1.2
340. * 1.2 1.1
345. * 1.2 1.2
350. * 1.3 1.2
355. * 1.4 1.2
360. * 1.4 1.1
-----*-----
MAX * 1.4 1.5
DEGR. * 0 115

```

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 150 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 145 DEGREES FROM REC3 .

1

JOB: S3 B2 2030 PM

DATE: 12/26/2006 TIME: 11:29:52.95

RUN: S3 B2 2030 PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)

S3B230PM.OUT

		SUBTOTALS																			
		ANGLE (DEGREES)																			
LINK	#	REC1 20	REC2 145	REC3 145	REC4 145	REC5 225	REC6 260	REC7 230	REC8 175	REC9 190	REC10 150	REC11 140	REC12 120	REC13 105	REC14 105	REC15 70	REC16 235	REC17 20	REC18 15	REC19 25	REC20 0
1	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.3	.3	.3	.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.2	.2
3	*	.0	.9	.9	.8	.1	.0	.0	.2	.1	.4	.5	.5	.3	.2	.1	.0	.0	.0	.1	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2	.3
16	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0
19	*	.3	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.2	.2	.1	.0	.3	.3	.1	.0
20	*	.5	.0	.0	.0	.4	.0	.2	.0	.1	.0	.0	.1	.3	.3	.3	.7	.5	.4	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1
24	*	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.1	.0	.0	.0	.0	.3	.1	.0	.4	.7	.4	.0	.0	.0	.0	.0	.1	.1	.1	.1
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S3 B2 2030 PM
DATE: 12/26/2006 TIME: 11:29:52.95

RUN: S3 B2 2030 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)
		REC21	REC22	
		0	115	
1	*	.0	.2	
2	*	.2	.1	
3	*	.5	.7	
4	*	.0	.0	
5	*	.1	.1	
6	*	.0	.0	
7	*	.0	.0	
8	*	.0	.0	
9	*	.0	.0	
10	*	.0	.0	
11	*	.0	.0	
12	*	.0	.0	
13	*	.0	.0	
14	*	.0	.0	
15	*	.3	.2	
16	*	.0	.2	
17	*	.0	.0	
18	*	.0	.0	
19	*	.0	.0	
20	*	.0	.0	
21	*	.0	.0	
22	*	.0	.0	
23	*	.1	.0	
24	*	.0	.0	
25	*	.0	.0	
26	*	.0	.0	
27	*	.0	.0	
28	*	.0	.0	
29	*	.1	.0	
30	*	.0	.0	
31	*	.1	.0	
32	*	.0	.0	
33	*	.0	.0	
34	*	.0	.0	

Site 4 MD 117 & MD 124

[illegible]

					S4EXAM.DAT			
35	1	WB 117 RT	AG249798.537611.249732.537705.	179 2.7 0. 32. 35.				
36	2	WB 117 RQ	AG249758.537669.249795.537616.	0. 12. 1				
		72 98	4.0 1 29.1 1583 2 3					
37	1	WB 117	AG249691.537635.249578.537678.	722 2.7 0. 44. 35.				
38	1	WB 117	AG249578.537678.249208.537812.	722 2.7 0. 44. 35.				
39	1	WB 117	AG249208.537812.248872.537999.	722 2.7 0. 44. 35.				
40	1	WB 117	AG248872.537999.248718.538100.	722 2.7 0. 44. 35.				
41	1	EB 117	AG248705.538070.248859.537970.	696 2.7 0. 44. 35.				
42	1	EB 117	AG248859.537970.249178.537774.	696 2.7 0. 44. 35.				
43	1	EB 117	AG249178.537774.249397.537689.	696 2.7 0. 56. 35.				
44	1	EB 117 THRAG	249397.537689.249682.537584.	522 2.7 0. 44. 35.				
45	2	EB 117 TQ	AG249625.537605.249483.537658.	0. 24. 2				
		72 48	4.0 564 29.1 1678 2 3					
46	1	EB 117 LT	AG249404.537696.249684.537597.	124 2.7 0. 44. 35.				
47	2	EB 117 LQ	AG249626.537617.249485.537667.	0. 24. 2				
		72 48	4.0 124 29.1 1610 2 3					
50	1	EB 117	AG249682.537584.249794.537538.	1106 2.7 0. 44. 35.				
51	1	EB 117	AG249794.537538.250145.537416.	1106 2.7 0. 44. 35.				
52	1	EB 117	AG250145.537416.250397.537348.	1106 2.7 0. 44. 35.				
53	1	EB 117	AG250397.537348.250776.537175.	1106 2.7 0. 44. 35.				
1.0000.4		1000. 0.0Y	5 0 72					

JOB: Site4 117&124 (s4exa.dat)
 DATE: 12/13/2006 TIME: 15:41:10.54

RUN: EX 117 &124 Site 4 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 124	* 249389.0	536511.0	249435.0	536664.0	*	160.	17. AG	869.	2.7	.0	56.0	
2. 2	NB 124	* 249435.0	536664.0	249590.0	537202.0	*	560.	16. AG	869.	2.7	.0	56.0	
3. 3	NB 124	* 249590.0	537202.0	249623.0	537290.0	*	94.	21. AG	869.	2.7	.0	56.0	
4. 3	NB 124THRU*	249623.0	537290.0	249709.0	537605.0	*	326.	15. AG	412.	2.7	.0	44.0	
5. 5	NB 124 THR*	249695.0	537553.0	249674.7	537479.0	*	77.	195. AG	95. 100.0	.0	24.0	.88	3.9
6. 6	NB 124 LT *	249612.0	537294.0	249674.0	537501.0	*	216.	17. AG	24.	2.7	.0	32.0	
7. 7	NB 124 LT *	249674.0	537501.0	249691.0	537613.0	*	113.	9. AG	24.	2.7	.0	32.0	
8. 8	NB 124 LT *	249684.0	537568.0	249683.2	537563.1	*	5.	189. AG	41. 100.0	.0	12.0	.08	.3
9. 9	NB 124 RT *	249635.0	537286.0	249691.0	537477.0	*	199.	16. AG	433.	2.7	.0	32.0	
10. 10	NB 124 RT *	249691.0	537477.0	249794.0	537538.0	*	120.	59. AG	433.	2.7	.0	32.0	
11. 11	NB 124 RTQ*	249764.0	537521.0	249763.8	537520.9	*	0.	238. AG	48. 100.0	.0	12.0	.01	.0
12. 12	NB 117	* 249709.0	537605.0	249744.0	537747.0	*	146.	14. AG	715.	2.7	.0	44.0	
13. 13	NB 124	* 249744.0	537747.0	249942.0	538525.0	*	803.	14. AG	715.	2.7	.0	44.0	
14. 14	NB 124	* 249942.0	538525.0	249995.0	538709.0	*	191.	16. AG	715.	2.7	.0	44.0	
15. 15	SB 124	* 249965.0	538720.0	249913.0	538533.0	*	194.	196. AG	1213.	2.7	.0	44.0	
16. 16	SB 124	* 249913.0	538533.0	249811.0	538144.0	*	402.	195. AG	1213.	2.7	.0	44.0	
17. 17	SB 124	* 249811.0	538144.0	249762.0	537981.0	*	170.	197. AG	1213.	2.7	.0	56.0	
18. 18	SB 124THRU*	249762.0	537981.0	249665.0	537622.0	*	372.	195. AG	908.	2.7	.0	44.0	
19. 19	SB 124THRU*	249677.0	537665.0	250182.7	539563.8	*	1965.	15. AG	87. 100.0	.0	24.0	1.63	99.8
20. 20	SB 124 LT *	249773.0	537976.0	249681.0	537616.0	*	372.	194. AG	139.	2.7	.0	32.0	
21. 21	NB 124LTQ*	249696.0	537676.0	249702.8	537702.5	*	27.	14. AG	39. 100.0	.0	12.0	.43	1.4
22. 22	SB 124 RT *	249744.0	537984.0	249690.0	537792.0	*	199.	196. AG	166.	2.7	.0	32.0	
23. 23	SB 124 RT *	249690.0	537792.0	249669.0	537734.0	*	62.	200. AG	166.	2.7	.0	32.0	
24. 24	SB 124 RT *	249669.0	537734.0	249578.0	537678.0	*	107.	238. AG	166.	2.7	.0	32.0	
25. 25	SB 124 RTQ*	249603.0	537693.0	249603.2	537693.1	*	0.	55. AG	43. 100.0	.0	12.0	.00	.0
26. 26	SB 124	* 249665.0	537622.0	249549.0	537171.0	*	466.	194. AG	1394.	2.7	.0	32.0	
27. 27	SB 124	* 249549.0	537171.0	249363.0	536543.0	*	655.	196. AG	1394.	2.7	.0	32.0	
28. 28	WB 117	* 250775.0	537211.0	250437.0	537380.0	*	378.	297. AG	1159.	2.7	.0	44.0	
29. 29	WB 117	* 250437.0	537380.0	250120.0	537478.0	*	332.	287. AG	1159.	2.7	.0	56.0	
30. 30	WB 117 THR*	250120.0	537478.0	249691.0	537635.0	*	457.	290. AG	532.	2.7	.0	44.0	
31. 31	WB 117 TQ *	249741.0	537617.0	250578.0	537308.2	*	892.	110. AG	104. 100.0	.0	24.0	1.39	45.3
32. 32	WB 117 LT *	250117.0	537452.0	249683.0	537602.0	*	459.	289. AG	448.	2.7	.0	44.0	
33. 33	WB 117 LQ *	249736.0	537584.0	250287.0	537391.5	*	584.	109. AG	104. 100.0	.0	24.0	1.25	29.7
34. 34	WB 117 RT *	250128.0	537499.0	249798.0	537611.0	*	348.	289. AG	179.	2.7	.0	32.0	
35. 35	WB 117 RT *	249798.0	537611.0	249732.0	537705.0	*	115.	325. AG	179.	2.7	.0	32.0	
36. 36	WB 117 RQ *	249758.0	537669.0	249758.4	537668.5	*	1.	145. AG	106. 100.0	.0	12.0	.00	.0
37. 37	WB 117	* 249691.0	537635.0	249578.0	537678.0	*	121.	291. AG	722.	2.7	.0	44.0	
38. 38	WB 117	* 249578.0	537678.0	249208.0	537812.0	*	394.	290. AG	722.	2.7	.0	44.0	
39. 39	WB 117	* 249208.0	537812.0	248872.0	537999.0	*	385.	299. AG	722.	2.7	.0	44.0	
40. 40	WB 117	* 248872.0	537999.0	248718.0	538100.0	*	184.	303. AG	722.	2.7	.0	44.0	
41. 41	EB 117	* 248705.0	538070.0	248859.0	537970.0	*	184.	123. AG	696.	2.7	.0	44.0	
42. 42	EB 117	* 248859.0	537970.0	249178.0	537774.0	*	374.	122. AG	696.	2.7	.0	44.0	
43. 43	EB 117	* 249178.0	537774.0	249397.0	537689.0	*	235.	111. AG	696.	2.7	.0	56.0	
44. 44	EB 117 THR*	249397.0	537689.0	249682.0	537584.0	*	304.	110. AG	522.	2.7	.0	44.0	

JOB: Site4 117&124 (s4exa.dat)
 DATE: 12/13/2006 TIME: 15:41:10.54

RUN: EX 117 &124 Site 4 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	EB 117 TQ *	249625.0	537605.0	248414.2	538057.0	*	1292.	290. AG	104. 100.0	.0	24.0	1.67	65.7
46. 46	EB 117 LT *	249404.0	537696.0	249684.0	537597.0	*	297.	109. AG	124.	2.7	.0	44.0	
47. 47	EB 117 LQ *	249626.0	537617.0	249610.7	537622.4	*	16.	290. AG	104. 100.0	.0	24.0	.41	.8
48. 50	EB 117	* 249682.0	537584.0	249794.0	537538.0	*	121.	112. AG	1106.	2.7	.0	44.0	
49. 51	EB 117	* 249794.0	537538.0	250145.0	537416.0	*	372.	109. AG	1106.	2.7	.0	44.0	
50. 52	EB 117	* 250145.0	537416.0	250397.0	537348.0	*	261.	105. AG	1106.	2.7	.0	44.0	
51. 53	EB 117	* 250397.0	537348.0	250776.0	537175.0	*	417.	115. AG	1106.	2.7	.0	44.0	

JOB: Site4 117&124 (s4exa.dat)
 DATE: 12/13/2006 TIME: 15:41:10.54

RUN: EX 117 &124 Site 4 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	NB 124 THR*	72	44	4.0	412	770	29.10	1	3
8. 8	NB 124 LT *	72	38	4.0	24	770	29.10	1	3
11. 11	NB 124 RTQ*	72	44	4.0	1	583	29.10	1	3
19. 19	SB 124THRU*	72	40	4.0	908	770	29.10	1	3
21. 21	NB 124LTQ *	72	36	4.0	139	770	29.10	1	3
25. 25	SB 124 RTQ*	72	40	4.0	1	583	29.10	1	3
31. 31	WB 117 TQ *	72	48	4.0	532	770	29.10	1	3
33. 33	WB 117 LQ *	72	48	4.0	448	717	29.10	1	3
36. 36	WB 117 RQ *	72	98	4.0	1	583	29.10	1	3
45. 45	EB 117 TQ *	72	48	4.0	564	678	29.10	1	3
47. 47	EB 117 LQ *	72	48	4.0	124	610	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249586.0	537094.0	5.0	*

S4EXAM.OUT

2.	REC 2	164'	SE CORNER	*	249660.0	537316.0	5.0	*
3.	REC 3	82'	SE CORNER	*	249683.0	537391.0	5.0	*
4.	REC 4	SE CORNER	*	249744.0	537467.0	5.0	*	
5.	REC 5	82'	ES CORNER	*	249841.0	537465.0	5.0	*
6.	REC 6	164'	ES CORNER	*	249914.0	537440.0	5.0	*
7.	REC 7	400'	ES CORNER	*	250129.0	537367.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250154.0	537525.0	5.0	*
9.	REC 9	164'	EN CORNER	*	249923.0	537602.0	5.0	*
10.	REC 10	82'	EN CORNER	*	249855.0	537627.0	5.0	*
11.	REC 11	NE CORNER	*	249786.0	537667.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	249780.0	537756.0	5.0	*
13.	REC 13	164'	NE CORNE	*	249797.0	537836.0	5.0	*
14.	REC 14	400'	NE CORNE	*	249850.0	538065.0	5.0	*
15.	REC 15	400'	NW CORNE	*	249747.0	538096.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249669.0	537877.0	5.0	*
17.	REC 17	82'	NW CORNER	*	249647.0	537798.0	5.0	*
18.	REC 18	NW CORNER	*	249619.0	537740.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249516.0	537732.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249442.0	537759.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249222.0	537845.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249251.0	537685.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249460.0	537602.0	5.0	*
24.	REC 24	82'	WS CORNER	*	249538.0	537574.0	5.0	*
25.	REC 25	SW CORNER	*	249606.0	537549.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	249586.0	537467.0	5.0	*
27.	REC 27	164'	SW CORNE	*	249565.0	537390.0	5.0	*
28.	REC 28	400'	SW CORNE	*	249508.0	537163.0	5.0	*

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.2	.3	.3	.4	.4	.3	.0	.1	.1	.1	.3	.3	.4	.0	.0	.0	.0	.0	.0
5.	.3	.2	.2	.3	.4	.3	.3	.0	.1	.1	.1	.3	.3	.4	.1	.0	.0	.0	.0	.0
10.	.3	.2	.2	.3	.4	.3	.2	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.1	.0	.0
15.	.2	.2	.2	.3	.3	.3	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0
20.	.1	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.1	.1	.2	.3	.2	.2	.1	.1	.0
25.	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
30.	.0	.2	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
35.	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
40.	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
45.	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
50.	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	.1	.1
55.	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	.1	.1
60.	.0	.2	.2	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	.1	.1
65.	.0	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.1	.1	.1
70.	.0	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1
75.	.0	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1
80.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1
85.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1
90.	.0	.0	.2	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1
95.	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.0
100.	.0	.0	.0	.2	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.3	.1	.1	.1	.2	.0
105.	.0	.0	.0	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.3	.1	.1	.2	.2	.1
110.	.0	.0	.0	.0	.1	.0	.0	.1	.2	.2	.1	.0	.0	.0	.3	.1	.1	.3	.2	.2
115.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.3	.1	.2	.3	.2	.2
120.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.0	.0	.3	.1	.3	.3	.2	.3
125.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.2	.1	.0	.3	.2	.3	.3	.2	.4
130.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.3	.2	.1	.0	.3	.2	.3	.3	.2	.2
135.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.0	.3	.3	.3	.3	.2	.2
140.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.2	.0	.3	.3	.3	.3	.2	.2
145.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.2	.0	.3	.3	.3	.2	.2	.2
150.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.2	.0	.3	.4	.4	.0	.2	.2
155.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.2	.0	.3	.4	.2	.0	.2	.3
160.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.2	.0	.3	.2	.1	.0	.2	.2
165.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.2	.0	.3	.2	.1	.0	.2	.2
170.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.2	.0	.3	.1	.1	.1	.2	.2
175.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.2	.0	.3	.1	.1	.1	.2	.2
180.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.2	.0	.2	.1	.0	.2	.2	.2
185.	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.1	.0	.2	.1	.0	.2	.2	.2
190.	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0	.1	.1	.0	.0	.1	.2	.2
195.	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0	.2	.1	.0	.1	.1	.2	.2
200.	.2	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.0	.0	.2	.1	.0	.1	.1	.2	.2
205.	.2	.1	.1	.0	.0	.0	.0	.4	.3	.3	.2	.0	.0	.2	.0	.1	.1	.1	.2	.2

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.1	.0	.0	.0	.0	.3	.3	.3	.2	.1	.2	.2	.0	.1	.1	.1	.2	.2
215.	.2	.1	.1	.0	.0	.0	.0	.3	.3	.3	.2	.1	.2	.3	.0	.1	.1	.1	.2	.2
220.	.2	.1	.2	.0	.0	.0	.0	.3	.3	.3	.2	.1	.2	.3	.0	.1	.1	.1	.2	.2
225.	.2	.1	.2	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.3	.0	.1	.1	.1	.2	.2
230.	.2	.1	.2	.0	.0	.0	.0	.3	.3	.3	.1	.3	.3	.4	.0	.1	.1	.1	.2	.2
235.	.2	.1	.2	.0	.0	.0	.0	.3	.3	.3	.0	.2	.3	.3	.0	.1	.1	.1	.2	.2
240.	.2	.1	.1	.0	.0	.0	.0	.3	.3	.3	.0	.2	.3	.3	.0	.1	.1	.1	.2	.2
245.	.2	.1	.1	.0	.0	.0	.0	.4	.3	.3	.0	.2	.3	.3	.0	.1	.1	.1	.3	.3
250.	.2	.1	.1	.0	.0	.0	.0	.4	.3	.3	.1	.2	.3	.3	.0	.1	.1	.1	.3	.3
255.	.2	.1	.1	.0	.0	.0	.0	.4	.3	.3	.1	.2	.3	.3	.0	.1	.1	.1	.3	.3
260.	.2	.1	.1	.0	.0	.0	.0	.4	.3	.3	.1	.2	.3	.3	.0	.1	.1	.1	.3	.3

	S4EXAM.OUT																				
265.	*	.2	.1	.1	.0	.0	.0	.4	.4	.2	.1	.2	.3	.3	.0	.1	.1	.1	.3	.3	
270.	*	.2	.1	.1	.0	.0	.0	.3	.4	.2	.2	.2	.3	.3	.0	.1	.1	.1	.3	.3	
275.	*	.2	.1	.1	.1	.0	.0	.4	.2	.2	.2	.2	.3	.3	.0	.1	.1	.1	.3	.3	
280.	*	.2	.1	.1	.1	.0	.0	.4	.2	.1	.2	.3	.2	.3	.0	.0	.1	.1	.3	.3	
285.	*	.2	.1	.1	.2	.2	.1	.3	.2	.1	.2	.3	.2	.3	.0	.0	.1	.1	.2	.2	
290.	*	.2	.1	.1	.2	.2	.1	.2	.1	.1	.2	.2	.2	.3	.0	.0	.0	.1	.2	.1	
295.	*	.2	.1	.2	.2	.1	.1	.4	.1	.1	.2	.1	.2	.3	.0	.0	.0	.0	.1	.1	
300.	*	.2	.1	.2	.2	.1	.2	.4	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
305.	*	.2	.2	.2	.3	.1	.2	.3	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
310.	*	.2	.2	.2	.2	.2	.2	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
315.	*	.2	.2	.2	.2	.1	.3	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
320.	*	.2	.2	.2	.2	.1	.3	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
325.	*	.2	.2	.2	.2	.2	.3	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
330.	*	.1	.2	.2	.1	.3	.5	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
335.	*	.1	.3	.3	.1	.4	.5	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
340.	*	.2	.3	.3	.1	.4	.4	.4	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	
345.	*	.2	.2	.3	.1	.4	.4	.4	.0	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	
350.	*	.2	.2	.3	.1	.4	.4	.3	.0	.1	.1	.1	.3	.3	.4	.0	.0	.0	.0	.0	
355.	*	.2	.2	.3	.2	.4	.4	.3	.0	.1	.1	.1	.3	.3	.4	.0	.0	.0	.0	.0	
360.	*	.2	.2	.3	.3	.4	.4	.3	.0	.1	.1	.1	.3	.3	.4	.0	.0	.0	.0	.0	
MAX	*	.3	.3	.3	.3	.4	.5	.4	.4	.5	.5	.3	.3	.3	.4	.3	.4	.4	.3	.4	
DEGR.	*	5	335	0	0	0	330	295	130	130	130	115	0	0	0	20	150	150	110	245	125

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.2	.2	.1	.1	.1	.0
5.	*	.0	.2	.2	.2	.2	.2	.2	.0
10.	*	.0	.2	.2	.2	.2	.2	.1	.1
15.	*	.0	.2	.2	.3	.3	.1	.1	.2
20.	*	.0	.2	.3	.3	.3	.1	.2	.2
25.	*	.0	.2	.3	.3	.4	.2	.2	.2
30.	*	.0	.2	.3	.3	.2	.2	.2	.1
35.	*	.0	.2	.3	.3	.2	.2	.1	.1
40.	*	.0	.2	.3	.3	.2	.1	.2	.1
45.	*	.0	.2	.3	.3	.1	.1	.2	.1
50.	*	.0	.2	.3	.3	.1	.2	.3	.1
55.	*	.0	.2	.3	.2	.1	.4	.3	.1
60.	*	.0	.2	.3	.1	.2	.4	.3	.1
65.	*	.0	.2	.3	.1	.2	.4	.3	.1
70.	*	.0	.2	.2	.1	.3	.4	.3	.1
75.	*	.0	.2	.2	.2	.3	.4	.3	.1
80.	*	.0	.2	.2	.3	.3	.4	.3	.0
85.	*	.0	.2	.2	.2	.4	.4	.3	.1
90.	*	.0	.2	.3	.2	.5	.3	.2	.1
95.	*	.0	.3	.3	.2	.5	.3	.1	.1
100.	*	.0	.3	.3	.2	.4	.2	.1	.1
105.	*	.0	.3	.2	.3	.4	.1	.1	.1
110.	*	.1	.2	.2	.3	.4	.1	.1	.1
115.	*	.3	.1	.0	.1	.2	.1	.1	.1
120.	*	.2	.0	.0	.0	.2	.1	.1	.1
125.	*	.2	.0	.0	.0	.2	.1	.1	.1
130.	*	.2	.0	.0	.0	.2	.1	.1	.1
135.	*	.3	.0	.0	.0	.2	.1	.1	.1
140.	*	.3	.0	.0	.0	.1	.1	.1	.1
145.	*	.3	.0	.0	.0	.1	.1	.1	.1
150.	*	.3	.0	.0	.0	.1	.1	.1	.2
155.	*	.3	.0	.0	.0	.1	.1	.1	.2
160.	*	.2	.0	.0	.0	.1	.1	.1	.2
165.	*	.2	.0	.0	.0	.1	.1	.1	.2
170.	*	.2	.0	.0	.0	.1	.1	.1	.2
175.	*	.1	.0	.0	.0	.1	.1	.1	.2
180.	*	.1	.0	.0	.0	.1	.1	.1	.2
185.	*	.1	.0	.0	.0	.1	.1	.1	.1
190.	*	.1	.0	.0	.0	.1	.1	.1	.1
195.	*	.1	.0	.0	.0	.1	.0	.0	.1
200.	*	.1	.0	.0	.0	.0	.0	.0	.1
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.0	.0	.0	.0	.0	.0	.0
220.	*	.1	.0	.0	.0	.0	.0	.0	.0
225.	*	.1	.0	.0	.0	.0	.0	.0	.0
230.	*	.1	.0	.0	.0	.0	.0	.0	.0
235.	*	.2	.0	.0	.0	.0	.0	.0	.0
240.	*	.2	.0	.0	.0	.0	.0	.0	.0
245.	*	.2	.0	.0	.0	.0	.0	.0	.0
250.	*	.3	.0	.0	.0	.0	.0	.0	.0
255.	*	.3	.0	.0	.0	.0	.0	.0	.0
260.	*	.3	.0	.0	.0	.0	.0	.0	.0
265.	*	.3	.0	.0	.0	.0	.0	.0	.0

S4EXAM.OUT

```

270. * .3 .0 .0 .0 .0 .0 .0
275. * .3 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .1 .1 .0 .0
285. * .2 .1 .1 .1 .1 .0 .0
290. * .2 .1 .1 .1 .1 .0 .0
295. * .2 .2 .2 .2 .2 .1 .0
300. * .0 .2 .2 .2 .2 .1 .1
305. * .0 .2 .2 .2 .2 .1 .1
310. * .0 .2 .2 .2 .2 .1 .1
315. * .0 .2 .2 .2 .2 .1 .1
320. * .0 .2 .2 .2 .2 .1 .1
325. * .0 .2 .2 .2 .2 .1 .1
330. * .0 .2 .2 .2 .2 .1 .1
335. * .0 .2 .2 .2 .2 .1 .1
340. * .0 .2 .2 .2 .2 .1 .1
345. * .0 .2 .2 .2 .2 .1 .1
350. * .0 .2 .2 .2 .2 .1 .1
355. * .0 .2 .2 .2 .2 .1 .1
360. * .0 .2 .2 .2 .1 .1 .1
-----
MAX * .3 .3 .3 .3 .5 .4 .3 .2
DEGR. * 115 95 20 15 90 55 50 15

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 330 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 130 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 130 DEGREES FROM REC10.

1

JOB: Site4 117&124 (s4exa.dat)
 DATE: 12/13/2006 TIME: 15:41:10.54

RUN: EX 117 &124 Site 4 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 5	REC2 335	REC3 0	REC4 0	REC5 0	REC6 330	REC7 295	REC8 130	REC9 130	REC10 130	REC11 115	REC12 0	REC13 0	REC14 0	REC15 20	REC16 150	REC17 150	REC18 110	REC19 245	REC20 125
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
19	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.1	.1	.1	.1	.2	.3	.3	.2	.0	.0	.0	.1	.1	.1	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.1	.1	.2	.1	.1	.2	.2	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 5	REC2 335	REC3 0	REC4 0	REC5 0	REC6 330	REC7 295	REC8 130	REC9 130	REC10 130	REC11 115	REC12 0	REC13 0	REC14 0	REC15 20	REC16 150	REC17 150	REC18 110	REC19 245	REC20 125
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: Site4 117&124 (s4exa.dat)
 DATE: 12/13/2006 TIME: 15:41:10.54

RUN: EX 117 &124 Site 4 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		115	95	20	15	90	55	50	15
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.1	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.1	.0	.0	.0	.1
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.1	.1	.1	.1
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.1	.0	.0	.1	.1	.1	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.2	.1	.1	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.1	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.1	.2	.2	.2	.0	.0	.0	.0

1

JOB: Site4 117&124 (s4exa.dat)

RUN: EX 117 &124 Site 4 AM

PAGE 11

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		115	95	20	15	90	55	50	15
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0

ExpM 117&124 (s4exp.dat) 60.0175.0.0000.000280.30480000 S4EXPM.DAT 11 1
 REC 1 400' SE CORNER 249586. 537094. 5.
 REC 2 164' SE CORNER 249660. 537316. 5.
 REC 3 82' SE CORNER 249683. 537391. 5.
 REC 4 SE CORNER 249744. 537467. 5.
 REC 5 82' ES CORNER 249841. 537465. 5.
 REC 6 164' ES CORNER 249914. 537440. 5.
 REC 7 400' ES CORNER 250129. 537367. 5.
 REC 8 400' EN CORNER 250154. 537525. 5.
 REC 9 164' EN CORNER 249923. 537602. 5.
 REC 10 82' EN CORNER 249855. 537627. 5.
 REC 11 NE CORNER 249786. 537667. 5.
 REC 12 82' NE CORNER 249780. 537756. 5.
 REC 13 164' NE CORNE 249797. 537836. 5.
 REC 14 400' NE CORNE 249850. 538065. 5.
 REC 15 400' NW CORNE 249747. 538096. 5.
 REC 16 164' NW CORNE 249669. 537877. 5.
 REC 17 82' NW CORNER 249647. 537798. 5.
 REC 18 NW CORNER 249619. 537740. 5.
 REC 19 82' WN CORNER 249516. 537732. 5.
 REC 20 164' WN CORNE 249442. 537759. 5.
 REC 21 400' WN CORNE 249222. 537845. 5.
 REC 22 400' WS CORNE 249251. 537685. 5.
 REC 23 164' WS CORNE 249460. 537602. 5.
 REC 24 82' WS CORNER 249538. 537574. 5.
 REC 25 SW CORNER 249606. 537549. 5.
 REC 26 82' SW CORNER 249586. 537467. 5.
 REC 27 164' SW CORNE 249565. 537390. 5.
 REC 28 400' SW CORNE 249508. 537163. 5.
 EX 117&124 Site 4 PM 51 1 1

1 NB 124 AG249389.536511.249435.536664. 870 2.7 0. 56. 35.
 2 NB 124 AG249435.536664.249590.537202. 870 2.7 0. 56. 35.
 3 NB 124 AG249590.537202.249623.537290. 870 2.7 0. 56. 35.
 3 NB 124THRUAG249623.537290.249709.537605. 498 2.7 0. 44. 35.
 5 NB 124 THRUAG249695.537553.249653.537400. 0. 24. 2
 109 81 4.0 498 29.1 1770 2 3
 6 NB 124 LT AG249612.537294.249674.537501. 35 2.7 0. 32. 35.
 7 NB 124 LT AG249674.537501.249691.537613. 35 2.7 0. 32. 35.
 8 NB 124 LT AG249684.537568.249679.537537. 0. 12. 1
 109 76 4.0 35 29.1 1770 2 3
 9 NB 124 RT AG249635.537286.249691.537477. 337 2.7 0. 32. 35.
 10 NB 124 RT AG249691.537477.249794.537538. 337 2.7 0. 32. 35.
 11 NB 124 RTQAG249764.537521.249695.537480. 0. 12. 1
 109 81 4.0 1 29.1 1583 2 3
 12 NB 117 AG249709.537605.249744.537747. 939 2.7 0. 44. 35.
 13 NB 124 AG249744.537747.249942.538525. 939 2.7 0. 44. 35.
 14 NB 124 AG249942.538525.249995.538709. 939 2.7 0. 44. 35.
 15 SB 124 AG249965.538720.249913.538533. 1119 2.7 0. 44. 35.
 16 SB 124 AG249913.538533.249811.538144. 1119 2.7 0. 44. 35.
 17 SB 124 AG249811.538144.249762.537981. 1119 2.7 0. 56. 35.
 18 SB 124THRUAG249762.537981.249665.537622. 771 2.7 0. 44. 35.
 19 SB 124THRUAG249677.537665.249730.537864. 0. 24. 2
 109 71 4.0 771 29.1 1770 2 3
 20 SB 124 LT AG249773.537976.249681.537616. 170 2.7 0. 32. 35.
 21 NB 124LTQ AG249696.537676.249729.537806. 0. 12. 1
 109 66 4.0 170 29.1 1770 2 3
 22 SB 124 RT AG249744.537984.249690.537792. 178 2.7 0. 32. 35.
 23 SB 124 RT AG249690.537792.249669.537734. 178 2.7 0. 32. 35.
 24 SB 124 RT AG249669.537734.249578.537678. 178 2.7 0. 32. 35.
 25 SB 124 RTQAG249603.537693.249665.537732. 0. 12. 1
 109 71 4.0 1 29.1 1583 2 3
 26 SB 124 AG249665.537622.249549.537171. 1376 2.7 0. 32. 35.
 27 SB 124 AG249549.537171.249363.536543. 1376 2.7 0. 32. 35.
 28 WB 117 AG250775.537211.250437.537380. 2041 2.7 0. 44. 35.
 29 WB 117 AG250437.537380.250120.537478. 2041 2.7 0. 56. 35.
 30 WB 117 THRUAG250120.537478.249691.537635. 1288 2.7 0. 44. 35.
 31 WB 117 TQ AG249741.537617.249928.537548. 0. 24. 2
 109 58 4.0 1288 29.1 1770 2 3
 32 WB 117 LT AG250117.537452.249683.537602. 570 2.7 0. 44. 35.
 33 WB 117 LQ AG249736.537584.249922.537519. 0. 24. 2
 109 58 4.0 570 29.1 1717 2 3
 34 WB 117 RT AG250128.537499.249798.537611. 183 2.7 0. 32. 35.

					S4EXPM.DAT			
35	1	WB 117 RT	AG249798.537611.249732.537705.	183 2.7 0. 32. 35.				
36	2	WB 117 RQ	AG249758.537669.249795.537616.	0. 12. 1				
		109 58	4.0 23 29.1 1583 2 3					
37	1	WB 117	AG249691.537635.249578.537678.	1501 2.7 0. 44. 35.				
38	1	WB 117	AG249578.537678.249208.537812.	1501 2.7 0. 44. 35.				
39	1	WB 117	AG249208.537812.248872.537999.	1501 2.7 0. 44. 35.				
40	1	WB 117	AG248872.537999.248718.538100.	1501 2.7 0. 44. 35.				
41	1	EB 117	AG248705.538070.248859.537970.	820 2.7 0. 44. 35.				
42	1	EB 117	AG248859.537970.249178.537774.	820 2.7 0. 44. 35.				
43	1	EB 117	AG249178.537774.249397.537689.	820 2.7 0. 56. 35.				
44	1	EB 117 THRAG	249397.537689.249682.537584.	562 2.7 0. 44. 35.				
45	2	EB 117 TQ	AG249625.537605.249483.537658.	0. 24. 2				
		109 82	4.0 557 29.1 1680 2 3					
46	1	EB 117 LT	AG249404.537696.249684.537597.	258 2.7 0. 32. 35.				
47	2	EB 117 LQ	AG249626.537617.249485.537667.	0. 12. 1				
		109 82	4.0 258 29.1 1610 2 3					
50	1	EB 117	AG249682.537584.249794.537538.	1034 2.7 0. 44. 35.				
51	1	EB 117	AG249794.537538.250145.537416.	1034 2.7 0. 44. 35.				
52	1	EB 117	AG250145.537416.250397.537348.	1034 2.7 0. 44. 35.				
53	1	EB 117	AG250397.537348.250776.537175.	1034 2.7 0. 44. 35.				
1.0000,4		1000. 0.0Y	5 0 72					

1

JOB: ExPM 117&124 (s4exp.dat)
DATE: 12/13/2006 TIME: 15:41:32.84

RUN: EX 117&124 Site 4 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
			X1	Y1	X2	Y2								
1. 1	NB 124	*	249389.0	536511.0	249435.0	536664.0	*	160.	17. AG	870.	2.7	.0	56.0	
2. 2	NB 124	*	249435.0	536664.0	249590.0	537202.0	*	560.	16. AG	870.	2.7	.0	56.0	
3. 3	NB 124	*	249590.0	537202.0	249623.0	537290.0	*	94.	21. AG	870.	2.7	.0	56.0	
4. 3	NB 124THRU*	*	249623.0	537290.0	249709.0	537605.0	*	326.	15. AG	498.	2.7	.0	44.0	
5. 5	NB 124 THR*	*	249695.0	537553.0	249395.0	536460.2	*	1133.	195. AG	116.	100.0	.0	24.0	1.61 57.6
6. 6	NB 124 LT	*	249612.0	537294.0	249674.0	537501.0	*	216.	17. AG	35.	2.7	.0	32.0	
7. 7	NB 124 LT	*	249674.0	537501.0	249691.0	537613.0	*	113.	9. AG	35.	2.7	.0	32.0	
8. 8	NB 124 LT	*	249684.0	537568.0	249681.7	537553.7	*	15.	189. AG	54.	100.0	.0	12.0	.18 .7
9. 9	NB 124 RT	*	249635.0	537286.0	249691.0	537477.0	*	199.	16. AG	337.	2.7	.0	32.0	
10. 10	NB 124 RT	*	249691.0	537477.0	249794.0	537538.0	*	120.	59. AG	337.	2.7	.0	32.0	
11. 11	NB 124 RTQ*	*	249764.0	537521.0	249763.6	537520.8	*	0.	240. AG	58.	100.0	.0	12.0	.01 .0
12. 12	NB 117	*	249709.0	537605.0	249744.0	537747.0	*	146.	14. AG	939.	2.7	.0	44.0	
13. 13	NB 124	*	249744.0	537747.0	249942.0	538525.0	*	803.	14. AG	939.	2.7	.0	44.0	
14. 14	NB 124	*	249942.0	538525.0	249995.0	538709.0	*	191.	16. AG	939.	2.7	.0	44.0	
15. 15	SB 124	*	249965.0	538720.0	249913.0	538533.0	*	194.	196. AG	1119.	2.7	.0	44.0	
16. 16	SB 124	*	249913.0	538533.0	249811.0	538144.0	*	402.	195. AG	1119.	2.7	.0	44.0	
17. 17	SB 124	*	249811.0	538144.0	249762.0	537981.0	*	170.	197. AG	1119.	2.7	.0	56.0	
18. 18	SB 124THRU*	*	249762.0	537981.0	249665.0	537622.0	*	372.	195. AG	771.	2.7	.0	44.0	
19. 19	SB 124THRU*	*	249677.0	537665.0	250150.5	539442.6	*	1840.	15. AG	102.	100.0	.0	24.0	1.70 93.4
20. 20	SB 124 LT	*	249773.0	537976.0	249681.0	537616.0	*	372.	194. AG	170.	2.7	.0	32.0	
21. 21	NB 124LTQ*	*	249696.0	537676.0	249711.1	537735.5	*	61.	14. AG	47.	100.0	.0	12.0	.65 3.1
22. 22	SB 124 RT	*	249744.0	537984.0	249690.0	537792.0	*	199.	196. AG	178.	2.7	.0	32.0	
23. 23	SB 124 RT	*	249690.0	537792.0	249669.0	537734.0	*	62.	200. AG	178.	2.7	.0	32.0	
24. 24	SB 124 RT	*	249669.0	537734.0	249578.0	537678.0	*	107.	238. AG	178.	2.7	.0	32.0	
25. 25	SB 124 RTQ*	*	249603.0	537693.0	249603.3	537693.2	*	0.	59. AG	51.	100.0	.0	12.0	.01 .0
26. 26	SB 124	*	249665.0	537622.0	249549.0	537171.0	*	466.	194. AG	1376.	2.7	.0	32.0	
27. 27	SB 124	*	249549.0	537171.0	249363.0	536543.0	*	655.	196. AG	1376.	2.7	.0	32.0	
28. 28	WB 117	*	250775.0	537211.0	250437.0	537380.0	*	378.	297. AG	2041.	2.7	.0	44.0	
29. 29	WB 117	*	250437.0	537380.0	250120.0	537478.0	*	332.	287. AG	2041.	2.7	.0	56.0	
30. 30	WB 117 THR*	*	250120.0	537478.0	249691.0	537635.0	*	457.	290. AG	1288.	2.7	.0	44.0	
31. 31	WB 117 TQ	*	249741.0	537617.0	253117.9	536371.0	*	3599.	110. AG	83.	100.0	.0	24.0	2.03 182.9
32. 32	WB 117 LT	*	250117.0	537452.0	249683.0	537602.0	*	459.	289. AG	570.	2.7	.0	44.0	
33. 33	WB 117 LQ	*	249736.0	537584.0	249879.0	537534.0	*	151.	109. AG	83.	100.0	.0	24.0	.96 7.7
34. 34	WB 117 RT	*	250128.0	537499.0	249798.0	537611.0	*	348.	289. AG	183.	2.7	.0	32.0	
35. 35	WB 117 RT	*	249798.0	537611.0	249732.0	537705.0	*	115.	325. AG	183.	2.7	.0	32.0	
36. 36	WB 117 RQ	*	249758.0	537669.0	249762.2	537663.0	*	7.	145. AG	42.	100.0	.0	12.0	.10 .4
37. 37	WB 117	*	249691.0	537635.0	249578.0	537678.0	*	121.	291. AG	1501.	2.7	.0	44.0	
38. 38	WB 117	*	249578.0	537678.0	249208.0	537812.0	*	394.	290. AG	1501.	2.7	.0	44.0	
39. 39	WB 117	*	249208.0	537812.0	248872.0	537999.0	*	385.	299. AG	1501.	2.7	.0	44.0	
40. 40	WB 117	*	248872.0	537999.0	248718.0	538100.0	*	184.	303. AG	1501.	2.7	.0	44.0	
41. 41	EB 117	*	248705.0	538070.0	248859.0	537970.0	*	184.	123. AG	820.	2.7	.0	44.0	
42. 42	EB 117	*	248859.0	537970.0	249178.0	537774.0	*	374.	122. AG	820.	2.7	.0	44.0	
43. 43	EB 117	*	249178.0	537774.0	249397.0	537689.0	*	235.	111. AG	820.	2.7	.0	56.0	
44. 44	EB 117 THR*	*	249397.0	537689.0	249682.0	537584.0	*	304.	110. AG	562.	2.7	.0	44.0	

1

JOB: ExPM 117&124 (s4exp.dat)
DATE: 12/13/2006 TIME: 15:41:32.84

RUN: EX 117&124 Site 4 PM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
			X1	Y1	X2	Y2								
45. 45	EB 117 TQ	*	249625.0	537605.0	248041.5	538196.1	*	1690.	290. AG	117.	100.0	.0	24.0	2.12 85.9
46. 46	EB 117 LT	*	249404.0	537696.0	249684.0	537597.0	*	297.	109. AG	258.	2.7	.0	32.0	
47. 47	EB 117 LQ	*	249626.0	537617.0	248099.2	538158.8	*	1620.	290. AG	59.	100.0	.0	12.0	2.21 82.3
48. 50	EB 117	*	249682.0	537584.0	249794.0	537538.0	*	121.	112. AG	1034.	2.7	.0	44.0	
49. 51	EB 117	*	249794.0	537538.0	250145.0	537416.0	*	372.	109. AG	1034.	2.7	.0	44.0	
50. 52	EB 117	*	250145.0	537416.0	250397.0	537348.0	*	261.	105. AG	1034.	2.7	.0	44.0	
51. 53	EB 117	*	250397.0	537348.0	250776.0	537175.0	*	417.	115. AG	1034.	2.7	.0	44.0	

1

JOB: ExPM 117&124 (s4exp.dat)
DATE: 12/13/2006 TIME: 15:41:32.84

RUN: EX 117&124 Site 4 PM

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	NB 124 THR*	*	109	81	4.0	498	770	29.10	1	3
8. 8	NB 124 LT	*	109	76	4.0	35	770	29.10	1	3
11. 11	NB 124 RTQ*	*	109	81	4.0	1	583	29.10	1	3
19. 19	SB 124THRU*	*	109	71	4.0	771	770	29.10	1	3
21. 21	NB 124LTQ*	*	109	66	4.0	170	770	29.10	1	3
25. 25	SB 124 RTQ*	*	109	71	4.0	1	583	29.10	1	3
31. 31	WB 117 TQ	*	109	58	4.0	1288	770	29.10	1	3
33. 33	WB 117 LQ	*	109	58	4.0	570	717	29.10	1	3
36. 36	WB 117 RQ	*	109	58	4.0	23	583	29.10	1	3
45. 45	EB 117 TQ	*	109	82	4.0	557	680	29.10	1	3
47. 47	EB 117 LQ	*	109	82	4.0	258	610	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 400' SE CORNER	*	249586.0	537094.0	5.0	*

S4EXPM.OUT

2.	REC 2	164'	SE CORNER	*	249660.0	537316.0	5.0	*
3.	REC 3	82'	SE CORNER	*	249683.0	537391.0	5.0	*
4.	REC 4	SE CORNER	*	249744.0	537467.0	5.0	*	
5.	REC 5	82'	ES CORNER	*	249841.0	537465.0	5.0	*
6.	REC 6	164'	ES CORNER	*	249914.0	537440.0	5.0	*
7.	REC 7	400'	ES CORNER	*	250129.0	537367.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250154.0	537525.0	5.0	*
9.	REC 9	164'	EN CORNER	*	249923.0	537602.0	5.0	*
10.	REC 10	82'	EN CORNER	*	249855.0	537627.0	5.0	*
11.	REC 11	NE CORNER	*	249786.0	537667.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	249780.0	537756.0	5.0	*
13.	REC 13	164'	NE CORNE	*	249797.0	537836.0	5.0	*
14.	REC 14	400'	NE CORNE	*	249850.0	538065.0	5.0	*
15.	REC 15	400'	NW CORNE	*	249747.0	538096.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249669.0	537877.0	5.0	*
17.	REC 17	82'	NW CORNER	*	249647.0	537798.0	5.0	*
18.	REC 18	NW CORNER	*	249619.0	537740.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249516.0	537732.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249442.0	537759.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249222.0	537845.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249251.0	537685.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249460.0	537602.0	5.0	*
24.	REC 24	82'	WS CORNER	*	249538.0	537574.0	5.0	*
25.	REC 25	SW CORNER	*	249606.0	537549.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	249586.0	537467.0	5.0	*
27.	REC 27	164'	SW CORNE	*	249565.0	537390.0	5.0	*
28.	REC 28	400'	SW CORNE	*	249508.0	537163.0	5.0	*

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.8	.6	.4	.2	.4	.3	.3	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
5.	*	.9	.5	.3	.3	.4	.3	.2	.0	.1	.1	.2	.3	.3	.4	.1	.1	.1	.0	.0	.0
10.	*	.9	.3	.3	.3	.4	.2	.2	.0	.0	.1	.1	.3	.3	.3	.1	.1	.1	.1	.0	.0
15.	*	.7	.3	.2	.3	.3	.2	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0
20.	*	.6	.2	.2	.3	.3	.2	.2	.0	.0	.0	.1	.2	.2	.2	.3	.2	.2	.2	.1	.0
25.	*	.3	.1	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2	.2	.1	.1
30.	*	.2	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.1
35.	*	.1	.0	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.1
40.	*	.1	.0	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.1
45.	*	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.1
50.	*	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1
55.	*	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
60.	*	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
65.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.1
70.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
75.	*	.0	.1	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
80.	*	.0	.1	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
85.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
90.	*	.0	.1	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
95.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1
100.	*	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.3	.2	.2	.1	.2	.2
105.	*	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.3	.2	.2	.2	.2	.1
110.	*	.0	.0	.0	.1	.1	.1	.1	.3	.2	.2	.1	.1	.0	.0	.3	.2	.3	.2	.1	.2
115.	*	.0	.0	.0	.0	.1	.1	.1	.3	.3	.3	.2	.1	.1	.0	.3	.3	.3	.2	.3	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.1	.1	.0	.3	.3	.3	.3	.3	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.3	.3	.3	.3	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.3	.3	.3	.3	.3
135.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.1	.0	.3	.3	.3	.3	.2	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.3	.3	.2	.3	.6
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.1	.1	.0	.3	.3	.3	.1	.4	.5
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.1	.1	.0	.3	.3	.3	.1	.4	.5
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.2	.1	.2	.5	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.2	.1	.2	.5	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.2	.1	.0	.3	.2	.2	.2	.5	.5
170.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.2	.1	.0	.4	.2	.2	.3	.5	.5
175.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.2	.1	.0	.4	.2	.2	.4	.5	.5
180.	*	.2	.1	.1	.0	.0	.0	.0	.2	.3	.4	.3	.2	.0	.0	.3	.2	.1	.4	.5	.5
185.	*	.4	.1	.1	.0	.0	.0	.0	.2	.3	.4	.4	.2	.1	.1	.3	.2	.1	.4	.4	.4
190.	*	.5	.2	.2	.1	.0	.0	.0	.2	.3	.4	.4	.1	.1	.2	.3	.1	.2	.3	.4	.4
195.	*	.6	.3	.3	.1	.0	.0	.0	.2	.3	.5	.5	.2	.1	.3	.2	.1	.2	.3	.4	.4
200.	*	.8	.4	.3	.2	.1	.0	.0	.2	.3	.5	.5	.3	.1	.3	.1	.1	.2	.4	.4	.4
205.	*	.8	.5	.4	.2	.1	.0	.0	.2	.4	.5	.5	.2	.2	.3	.0	.1	.1	.2	.4	.4

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.9	.5	.4	.2	.1	.1	.0	.2	.4	.5	.5	.2	.3	.3	.0	.1	.1	.1	.4	.4
215.	*	.8	.5	.4	.2	.1	.1	.0	.2	.5	.5	.4	.2	.2	.3	.0	.1	.1	.1	.4	.4
220.	*	.8	.5	.5	.2	.1	.1	.0	.2	.4	.4	.4	.2	.2	.3	.0	.1	.1	.2	.3	.4
225.	*	.7	.5	.5	.2	.1	.1	.0	.3	.5	.5	.4	.2	.3	.3	.0	.1	.1	.3	.4	.4
230.	*	.7	.5	.4	.2	.1	.1	.0	.3	.5	.5	.2	.3	.3	.4	.0	.1	.1	.3	.4	.4
235.	*	.7	.4	.4	.2	.1	.1	.1	.3	.5	.5	.1	.3	.4	.4	.0	.1	.1	.3	.4	.4
240.	*	.7	.4	.4	.2	.1	.1	.1	.3	.5	.5	.1	.3	.4	.4	.0	.1	.1	.3	.4	.4
245.	*	.6	.4	.4	.2	.1	.1	.1	.4	.5	.5	.2	.3	.4	.5	.1	.1	.2	.3	.4	.4
250.	*	.6	.4	.4	.2	.1	.1	.1	.4	.5	.3	.1	.2	.4	.5	.1	.1	.2	.3	.4	.4
255.	*	.6	.4	.4	.2	.1	.1	.1	.3	.5	.2	.2	.2	.3	.5	.1	.1	.1	.3	.5	.5
260.	*	.6	.4	.4	.2	.1	.1	.0	.3	.4	.3	.2	.2	.3	.5	.1	.1	.1	.3	.5	.5

	265.	270.	275.	280.	285.	290.	295.	300.	305.	310.	315.	320.	325.	330.	335.	340.	345.	350.	355.	360.
S4EXPM.OUT	.6	.4	.4	.2	.1	.1	.0	.3	.5	.3	.4	.3	.3	.3	.0	.1	.1	.4	.5	.5
MAX	.9	.7	.5	.5	.4	.5	.3	.4	.5	.5	.5	.4	.3	.4	.3	.4	.5	.4	.5	.6
DEGR.	5	340	220	295	0	335	0	135	215	195	195	270	235	245	25	115	110	175	155	140

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.4	.4	.3	.3	.1	.1	.0	
5.	.0	.4	.4	.3	.3	.2	.2	.0	
10.	.0	.4	.4	.4	.3	.2	.2	.1	
15.	.0	.4	.4	.4	.4	.2	.1	.3	
20.	.0	.4	.5	.4	.4	.2	.2	.3	
25.	.0	.4	.5	.4	.3	.2	.2	.3	
30.	.0	.4	.5	.4	.2	.2	.3	.3	
35.	.0	.5	.5	.4	.2	.2	.2	.3	
40.	.0	.5	.4	.4	.2	.1	.2	.3	
45.	.0	.5	.4	.4	.2	.2	.2	.3	
50.	.0	.6	.4	.4	.1	.2	.2	.3	
55.	.0	.6	.4	.4	.1	.2	.3	.3	
60.	.0	.6	.4	.3	.1	.3	.4	.3	
65.	.0	.5	.4	.1	.2	.4	.4	.3	
70.	.0	.5	.3	.1	.2	.4	.4	.3	
75.	.0	.4	.3	.1	.4	.4	.4	.3	
80.	.0	.4	.3	.2	.4	.4	.4	.2	
85.	.0	.3	.3	.1	.5	.4	.4	.3	
90.	.0	.3	.2	.1	.4	.3	.3	.3	
95.	.0	.4	.2	.1	.4	.3	.3	.3	
100.	.0	.4	.2	.2	.3	.4	.4	.3	
105.	.2	.2	.1	.2	.3	.4	.4	.3	
110.	.2	.2	.2	.2	.3	.4	.3	.3	
115.	.3	.2	.2	.2	.3	.2	.2	.3	
120.	.4	.0	.1	.1	.2	.2	.2	.3	
125.	.3	.0	.1	.1	.2	.2	.2	.3	
130.	.5	.0	.1	.1	.3	.3	.3	.3	
135.	.4	.1	.1	.1	.3	.3	.3	.3	
140.	.4	.1	.1	.1	.3	.3	.3	.3	
145.	.4	.1	.1	.1	.3	.3	.3	.3	
150.	.4	.1	.1	.1	.3	.3	.3	.4	
155.	.4	.1	.1	.1	.3	.3	.3	.4	
160.	.4	.1	.1	.1	.3	.3	.3	.4	
165.	.4	.0	.1	.1	.3	.3	.3	.4	
170.	.4	.0	.1	.1	.3	.3	.3	.4	
175.	.4	.0	.1	.1	.3	.3	.3	.4	
180.	.4	.0	.1	.1	.3	.3	.3	.4	
185.	.3	.0	.1	.1	.3	.3	.3	.3	
190.	.3	.0	.0	.1	.2	.2	.2	.2	
195.	.4	.0	.0	.0	.2	.1	.1	.2	
200.	.4	.0	.0	.0	.1	.1	.1	.2	
205.	.5	.0	.0	.0	.0	.0	.0	.0	

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	
215.	.3	.0	.0	.0	.0	.0	.0	.0	
220.	.3	.0	.0	.0	.0	.0	.0	.0	
225.	.4	.0	.0	.0	.0	.0	.0	.0	
230.	.4	.0	.0	.0	.0	.0	.0	.0	
235.	.4	.0	.0	.0	.0	.0	.0	.0	
240.	.4	.0	.0	.0	.0	.0	.0	.0	
245.	.4	.0	.0	.0	.0	.0	.0	.0	
250.	.4	.0	.0	.0	.0	.0	.0	.0	
255.	.4	.0	.0	.0	.0	.0	.0	.0	
260.	.4	.0	.0	.0	.0	.0	.0	.0	
265.	.4	.0	.0	.0	.0	.0	.0	.0	

S4EXPM.OUT

```

270. * .4 .0 .0 .0 .0 .0 .0
275. * .5 .0 .0 .0 .0 .0 .0
280. * .5 .1 .1 .1 .1 .0 .0
285. * .4 .1 .1 .1 .1 .0 .0
290. * .2 .3 .3 .3 .3 .1 .0
295. * .2 .3 .3 .3 .3 .1 .0
300. * .1 .4 .4 .4 .4 .1 .0
305. * .1 .4 .4 .4 .4 .2 .1
310. * .0 .4 .4 .4 .5 .2 .1
315. * .0 .5 .3 .5 .5 .2 .1
320. * .0 .4 .4 .4 .4 .2 .1
325. * .0 .4 .4 .4 .4 .1 .1
330. * .0 .4 .4 .4 .4 .1 .1
335. * .0 .3 .4 .4 .3 .1 .1
340. * .0 .4 .4 .4 .3 .1 .1
345. * .0 .4 .4 .4 .3 .1 .1
350. * .0 .4 .4 .4 .3 .1 .1
355. * .0 .3 .4 .4 .3 .1 .0
360. * .0 .4 .4 .3 .3 .1 .0
-----
MAX * .5 .6 .5 .5 .5 .4 .4
DEGR. * 130 50 20 315 85 65 60 150

```

THE HIGHEST CONCENTRATION IS .90 PPM AT 5 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 340 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 140 DEGREES FROM REC20 .

1

JOB: ExPM 117&124 (s4exp.dat)
 DATE: 12/13/2006 TIME: 15:41:32.84

RUN: EX 117&124 Site 4 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 5	REC2 340	REC3 220	REC4 295	REC5 0	REC6 335	REC7 0	REC8 135	REC9 215	REC10 195	REC11 195	REC12 270	REC13 235	REC14 245	REC15 25	REC16 115	REC17 110	REC18 175	REC19 155	REC20 140
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.6	.4	.4	.2	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2	.2	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.2	.2

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 5	REC2 340	REC3 220	REC4 295	REC5 0	REC6 335	REC7 0	REC8 135	REC9 215	REC10 195	REC11 195	REC12 270	REC13 235	REC14 245	REC15 25	REC16 115	REC17 110	REC18 175	REC19 155	REC20 140
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: ExPM 117&124 (s4exp.dat)
 DATE: 12/13/2006 TIME: 15:41:32.84

RUN: EX 117&124 Site 4 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		130	50	20	315	85	65	60	150
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.1	.2	.2
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.1	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.1	.1	.1	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.1
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.1	.0	.0	.0
31	*	.0	.0	.0	.0	.1	.1	.1	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.1	.1	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.2	.1	.1	.1	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.1	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.2	.2	.2	.3	.0	.0	.0	.0

1

JOB: ExPM 117&124 (s4exp.dat)

RUN: EX 117&124 Site 4 PM

PAGE 11

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		130	50	20	315	85	65	60	150
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.1	.1	.1	.1	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0

S4NB15BA.DAT

S4 NB15 MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 NB15 117 AND 124	42	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1125	3.1	0. 56.	35.	
2	NB MD 124	AG249516.536959.249590.537204.	1125	3.1	0. 56.	35.	
2	NB MD 124	TAG249590.537204.249702.537594.	1100	3.1	0. 56.	35.	
3	NB MD124	TQAG249678.537512.249625.537327.	0. 36.	3			
150	120	4.0 1100 33.4 1770 3 3					
43	NB MD 124	RAG249840.537514.249763.537522.	325	3.1	0. 32.	35.	
43	NB MD 124	RAG249763.537522.249693.537480.	325	3.1	0. 32.	35.	
41	NB MD 124	RAG249756.537518.249701.537485.	0. 12.	1			
150	120	4.0 325 33.4 1583 3 3					
43	NB MD 124	RAG249693.537480.249644.537326.	325	3.1	0. 32.	35.	
5	NB MD 124	LAG249605.537313.249683.537596.	25	3.1	0. 32.	35.	
6	NB MD124	LQAG249661.537516.249612.537336.	0. 12.	1			
150	143	4.0 25 33.4 1770 3 3					
12	NB MD 124	AG249702.537593.249777.537853.	1800	3.1	0. 56.	35.	
13	NB MD 124	AG249777.537853.249889.538323.	1800	3.1	0. 56.	35.	
14	NB MD 124	AG249889.538323.249950.538548.	1800	3.1	0. 56.	35.	
15	SB MD 124	AG249921.538556.249734.537927.	2500	3.1	0. 56.	35.	
16	SB MD 124	TAG249734.537927.249649.537602.	1425	3.1	0. 56.	35.	
17	SB MD124	TQAG249668.537671.249707.537823.	0. 36.	3			
150	73	4.0 1425 33.4 1770 3 3					
43	SB MD 124	RAG249561.537685.249660.537714.	25	3.1	0. 32.	35.	
41	SB MD 124	RAG249597.537695.249653.537712.	0. 12.	1			
150	73	4.0 25 33.4 1583 3 3					
43	SB MD 124	RAG249660.537714.249717.537914.	25	3.1	0. 32.	35.	
18	SB MD 124	LAG249762.537910.249685.537600.	1050	3.1	0. 32.	35.	
19	SB MD124	LQAG249699.537658.249749.537858.	0. 12.	1			
150	98	4.0 1050 33.4 1770 3 3					
24	SB MD 124	AG249648.537602.249582.537321.	1675	3.1	0. 56.	35.	
25	SB MD 124	AG249582.537321.249459.536867.	1675	3.1	0. 56.	35.	
26	SB MD 124	AG249459.536867.249382.536635.	1675	3.1	0. 56.	35.	
27	WB MD 117	AG250637.537299.250150.537475.	2500	3.1	0. 68.	35.	
29	WB MD 117	TAG250150.537475.249688.537635.	1275	3.1	0. 56.	35.	
28	WB MD117	T AG249740.537617.249931.537550.	0. 36.	3			
150	119	4.0 1275 33.4 1695 3 3					
30	WB MD 117	LAG250149.537454.249681.537607.	225	3.1	0. 32.	35.	
31	WB MD117	L AG249738.537589.249928.537525.	0. 12.	1			
150	119	4.0 225 33.4 1717 3 3					
43	WB MD 117	RAG249745.537744.249760.537660.	1000	3.1	0. 15.	35.	
43	WB MD 117	RAG249760.537660.249799.537616.	1000	3.1	0. 32.	35.	
43	WB MD 117	RAG249799.537616.250052.537524.	1000	3.1	0. 32.	35.	
34	WB MD 117	AG249686.537635.249116.537854.	1325	3.1	0. 56.	35.	
35	WB MD 117	AG249116.537854.248794.538054.	1325	3.1	0. 56.	35.	

S4NB15BA.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1500	3.1	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	1500	3.1	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	1475	3.1	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	117	4.0 1475 33.4 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	25	3.1	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	117	4.0 25 33.4 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	2825	3.1	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	2825	3.1	0.	68.	35.		
1.0	0.4 1000. 0.0Y 5 0 72								

JOB: S4 NB15 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:06:54.50

RUN: S4 NB15 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1125.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1125.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1100.	3.1	.0	56.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249357.9	536394.3	*	1163.	196. AG	215.	100.0	.0	36.0	1.29 59.1
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	325.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	325.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	248880.1	536993.1	*	1021.	239. AG	72.	100.0	.0	12.0	1.28 51.9
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	325.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249610.0	537328.5	*	194.	195. AG	85.	100.0	.0	12.0	2.27 9.9
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1800.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1800.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1800.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2500.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1425.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249715.1	537854.7	*	190.	14. AG	131.	100.0	.0	36.0	.57 9.6
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249606.6	537697.9	*	10.	73. AG	44.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1050.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	251101.1	543266.5	*	5781.	14. AG	59.	100.0	.0	12.0	1.94 293.7
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1675.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1675.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1675.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2500.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1275.	3.1	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	251445.0	537018.9	*	1807.	109. AG	213.	100.0	.0	36.0	1.51 91.8
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	225.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249886.2	537539.1	*	156.	109. AG	71.	100.0	.0	12.0	.79 7.9
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1000.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1000.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1000.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1325.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1325.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1500.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1500.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1475.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	248674.0	537996.8	*	1008.	293. AG	280.	100.0	.0	48.0	1.23 51.2
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	25.	3.1	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249618.8	537619.6	*	8.	290. AG	140.	100.0	.0	24.0	.04 .4
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2825.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2825.	3.1	.0	68.0	

JOB: S4 NB15 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:06:54.50

RUN: S4 NB15 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	120	4.0	1100	1770	33.40	3	3
7. 41	NB MD 124R*	150	120	4.0	325	1583	33.40	3	3
10. 6	NB MD124LQ*	150	143	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	73	4.0	1425	1770	33.40	3	3
18. 41	SB MD 124R*	150	73	4.0	25	1583	33.40	3	3
21. 19	SB MD124LQ*	150	98	4.0	1050	1770	33.40	3	3
27. 28	WB MD117T	* 150	119	4.0	1275	1695	33.40	3	3
29. 31	WB MD117L	* 150	119	4.0	225	1717	33.40	3	3
38. 39	EB MD 117T*	150	117	4.0	1475	1667	33.40	3	3
40. 41	EB MD 117L	* 150	117	4.0	25	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*
20. REC 20 164' WN CORNE	*	249442.0	537759.0	5.0	*
21. REC 21 400' WN CORNE	*	249222.0	537845.0	5.0	*

22. REC 22 400' WS CORNE * 249251.0 537685.0 5.0 *
 23. REC 23 164' WS CORNE * 249460.0 537602.0 5.0 *
 24. REC 24 82' WS CORNER * 249538.0 537574.0 5.0 *
 25. REC 25 SW CORNER * 249606.0 537549.0 5.0 *
 26. REC 26 82' SW CORNER * 249586.0 537467.0 5.0 *
 27. REC 27 164' SW CORNE * 249565.0 537390.0 5.0 *
 28. REC 28 400' SW CORNE * 249508.0 537163.0 5.0 *

S4NB15BA.OUT

1

JOB: S4 NB15 MD117 AND MD 124

RUN: S4 NB15 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.2	.4	.3	.8	.8	.6	.5	.0	.0	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0
5.	.2	.3	.3	.6	.8	.6	.5	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0
10.	.2	.3	.3	.6	.7	.6	.6	.0	.0	.1	.2	.1	.1	.1	.2	.2	.1	.0	.0	.0
15.	.2	.3	.4	.6	.7	.6	.6	.0	.0	.0	.1	.1	.0	.0	.3	.2	.2	.2	.0	.0
20.	.1	.2	.3	.5	.7	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.1	.0
25.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.2	.0
30.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.2	.0
35.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.2	.1
40.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.6	.1	.1
45.	.1	.2	.3	.4	.6	.7	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1
50.	.1	.2	.3	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.0	.1
55.	.1	.1	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.1	.0
60.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.0
65.	.1	.3	.3	.6	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.5	.1	.0
70.	.1	.3	.3	.6	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.1	.0
75.	.1	.3	.3	.5	.7	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.1	.1
80.	.1	.3	.3	.5	.7	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.1	.1
85.	.1	.3	.4	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.1	.1
90.	.1	.3	.4	.6	.8	.8	.8	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.1	.1
95.	.0	.1	.3	.6	.7	.7	.7	.1	.1	.1	.1	.0	.0	.0	.4	.3	.6	.6	.2	.3
100.	.0	.1	.3	.5	.7	.7	.6	.3	.2	.2	.2	.0	.0	.0	.4	.2	.6	.6	.4	.3
105.	.0	.1	.1	.3	.6	.6	.5	.4	.4	.4	.3	.1	.0	.0	.4	.3	.7	.7	.5	.4
110.	.0	.0	.1	.2	.3	.4	.3	.6	.8	.9	.9	.1	.1	.0	.4	.5	.8	.8	.6	.5
115.	.0	.0	.0	.2	.2	.2	.2	.8	1.0	1.0	1.0	.2	.1	.0	.4	.5	.8	1.0	.8	.6
120.	.0	.0	.0	.0	.1	.1	.0	.9	1.0	1.0	1.0	.2	.2	.0	.5	.7	1.0	1.0	.8	.6
125.	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.0	.9	.5	.2	.1	.5	.7	1.0	1.1	.5	.5
130.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.9	.9	.4	.2	.1	.5	.8	1.0	.9	.5	.7
135.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	1.0	.4	.3	.1	.5	.8	1.0	.8	.5	.7
140.	.0	.0	.0	.0	.0	.0	.0	.9	.9	1.0	1.0	.3	.3	.1	.5	.7	1.0	.8	.7	.8
145.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.8	.3	.3	.1	.5	.9	.9	.5	.6	.8
150.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.3	.3	.1	.6	.9	.8	.5	.8	.9
155.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.9	.2	.3	.1	.6	.9	.7	.5	.9	.9
160.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.9	.2	.2	.1	.6	.9	.6	.4	.9	.9
165.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.3	.2	.1	.6	.8	.6	.4	.8	.9
170.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.7	.5	.5	.8	.9
175.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.7	.5	.4	.5	.8	.8
180.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.3	.1	.6	.5	.5	.7	.8	.8
185.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	1.0	.4	.3	.1	.6	.5	.6	.7	.7	.8
190.	.1	.1	.1	.1	.0	.0	.0	.7	.8	1.0	1.0	.4	.4	.2	.6	.5	.4	.7	.7	.8
195.	.1	.1	.1	.1	.1	.0	.0	.7	.8	1.0	1.0	.5	.4	.2	.5	.4	.3	.6	.7	.7
200.	.2	.2	.2	.2	.1	.1	.0	.6	.9	1.1	1.1	.5	.4	.2	.4	.2	.3	.6	.6	.6
205.	.2	.3	.3	.3	.2	.1	.0	.6	.9	1.1	1.1	.5	.4	.1	.3	.3	.3	.5	.6	.6

1

JOB: S4 NB15 MD117 AND MD 124

RUN: S4 NB15 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.3	.3	.3	.3	.2	.1	.0	.6	1.0	1.2	1.1	.4	.4	.1	.1	.2	.3	.5	.6	.7
215.	.3	.5	.4	.4	.2	.2	.0	.8	1.0	1.2	1.2	.5	.3	.4	.1	.2	.2	.5	.6	.7
220.	.3	.4	.4	.4	.2	.2	.1	.7	1.1	1.3	1.2	.4	.4	.3	.1	.2	.2	.5	.6	.7
225.	.3	.4	.4	.3	.2	.2	.1	.8	1.1	1.2	1.3	.4	.3	.4	.1	.2	.3	.5	.6	.7
230.	.3	.4	.4	.3	.2	.2	.1	.8	1.2	1.2	1.2	.2	.2	.3	.1	.2	.4	.5	.6	.7
235.	.4	.4	.4	.5	.2	.2	.1	.8	1.2	1.1	1.0	.2	.3	.3	.1	.2	.4	.5	.6	.7
240.	.4	.4	.4	.6	.3	.2	.1	.8	1.1	1.1	1.0	.2	.3	.4	.1	.2	.4	.5	.7	.7
245.	.4	.4	.4	.6	.3	.2	.1	.8	1.1	1.1	.7	.4	.4	.3	.1	.2	.4	.5	.6	.8
250.	.4	.4	.4	.6	.3	.3	.1	.8	1.1	1.0	.8	.4	.4	.3	.1	.2	.4	.5	.8	.8
255.	.4	.5	.4	.6	.3	.3	.1	.9	1.1	.8	.7	.4	.4	.3	.1	.2	.4	.5	.8	.8
260.	.4	.6	.5	.6	.3	.3	.1	.9	1.0	.9	.8	.4	.4	.3	.1	.2	.4	.5	.8	.8
265.	.4	.5	.6	.6	.3	.2	.1	.9	1.0	.7	.9	.5	.4	.3	.1	.2	.4	.5	.8	.9
270.	.5	.5	.6	.6	.3	.2	.1	.8	.9	.7	.9	.4	.4	.3	.1	.2	.3	.5	.8	.9
275.	.5	.5	.6	.5	.4	.3	.1	.9	.8	.8	.8	.4	.4	.2	.0	.2	.3	.5	.8	.8
280.	.4	.5	.6	.6	.3	.3	.2	.9	.8	.7	.8	.4	.3	.2	.0	.1	.2	.4	.7	.7
285.	.4	.5	.6	.7	.5	.4	.4	.6	.7	.7	.7	.3	.3	.2	.0	.1	.4	.6	.7	.7
290.	.4	.7	.7	.7	.6	.5	.5	.5	.4	.5	.7	.3	.0	.2	.0	.0	.1	.2	.5	.5
295.	.4	.8	.8	.7	.7	.5	.5	.2	.3	.4	.5	.2	.0	.2	.0	.0	.0	.1	.3	.3
300.	.4	.7	.9	.8	.5	.5	.7	.2	.2	.3	.3	.2	.1	.2	.0	.0	.0	.1	.2	.2
305.	.4	.8	.9	.8	.6	.5	.7	.0	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.2
310.	.5	.8	.9	.8	.4	.5	.8	.0	.1	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
315.	.5	.9	.8	.5	.5	.7	.6	.0	.1	.2	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0
320.	.5	.9	.8	.3	.6	.8	.6	.0	.0	.2	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
325.	.5	.8	.6	.4	.6	.8	.6	.0	.0	.2	.4	.1	.2	.3	.0	.0	.0	.0	.0	.0
330.	.6	.8	.4	.4	.8	.8	.6	.0	.0	.2	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0
335.	.4	.7	.4	.6	.8	.7	.6	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.4	.4	.3	.5	.8	.6	.6	.0	.1	.0	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.4	.3	.4	.5	.7	.6	.6	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.4	.1	.2	.6	.7	.6	.6	.0	.1	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
355.	.4	.2	.4	.8	.8	.6	.5	.0	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	.2	.4	.3	.8	.8	.6	.5	.0	.0	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0

```

-----*-----
MAX * .6 .9 .9 .8 .8 .8 .8 1.0 1.2 1.3 1.3 .5 .4 .4 .7 .9 1.0 1.1 .9 .9
DEGR * 330 315 300 305 0 90 90 125 230 220 225 125 190 215 175 155 120 125 155 265

```

1

JOB: S4 NB15 MD117 AND MD 124

RUN: S4 NB15 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
0. * .0 .8 .8 .9 .5 .4 .4 .1
5. * .0 .8 .8 .9 .7 .4 .4 .2
10. * .0 .8 .8 .9 .7 .6 .6 .3
15. * .0 .8 .8 1.0 .8 .6 .7 .5
20. * .0 .8 .8 1.1 .7 .7 .8 .6
25. * .0 .8 .9 1.2 .8 .6 .8 .7
30. * .0 .8 1.0 1.3 .7 .6 .6 .8
35. * .0 .8 .9 1.1 .7 .3 .9 .8
40. * .0 .8 .8 1.1 .7 .5 1.1 .8
45. * .0 .8 .9 1.2 .5 .4 1.1 .8
50. * .0 .8 .9 1.1 .5 .6 1.2 .8
55. * .0 .8 .9 1.0 .6 .7 1.2 .7
60. * .0 .8 1.0 .9 .7 .9 1.1 .7
65. * .0 .8 1.0 .9 .8 .9 1.3 .7
70. * .0 .9 1.0 .7 .7 1.0 1.1 .8
75. * .0 .9 .8 .5 .8 1.1 1.1 .8
80. * .0 .9 .8 .8 1.0 1.1 1.0 .8
85. * .0 .9 .8 .8 1.1 1.1 .9 .8
90. * .0 1.0 .9 .8 1.1 1.2 1.0 .8
95. * .1 .9 .9 .8 1.0 1.2 1.0 .8
100. * .2 1.0 .8 .7 .9 1.1 .8 .7
105. * .3 .7 .8 .8 1.0 1.0 .8 .7
110. * .5 .5 .6 .6 .9 .9 .7 .7
115. * .6 .4 .4 .4 .8 .8 .7 .7
120. * .6 .3 .2 .3 .9 .8 .6 .7
125. * .7 .2 .2 .3 .7 .8 .6 .7
130. * .9 .1 .2 .4 .8 .8 .6 .7
135. * .9 .1 .3 .4 .8 .8 .7 .7
140. * 1.0 .1 .3 .4 .8 .9 .8 .7
145. * 1.0 .1 .2 .4 .8 .9 .8 .7
150. * 1.0 .1 .2 .4 .9 .9 .7 .7
155. * .9 .1 .2 .4 .9 .9 .7 .7
160. * .8 .1 .2 .4 .9 .9 .7 .7
165. * .8 .1 .2 .4 .9 .9 .7 .8
170. * .8 .1 .2 .4 .9 .9 .6 .8
175. * .8 .1 .2 .3 .9 1.0 .6 .8
180. * .6 .0 .2 .5 .9 .8 .6 .7
185. * .6 .0 .1 .3 .9 .8 .6 .6
190. * .7 .0 .1 .3 .7 .8 .5 .6
195. * .7 .0 .0 .2 .7 .6 .5 .5
200. * .7 .0 .0 .2 .4 .5 .3 .3
205. * .7 .0 .0 .1 .3 .3 .2 .2

```

1

JOB: S4 NB15 MD117 AND MD 124

RUN: S4 NB15 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
210. * .7 .0 .0 .1 .2 .1 .0 .1
215. * .7 .0 .0 .1 .1 .1 .0 .0
220. * .7 .0 .0 .1 .1 .2 .1 .0
225. * .7 .0 .0 .0 .1 .2 .1 .0
230. * .7 .0 .0 .0 .1 .1 .2 .0
235. * .7 .0 .0 .0 .0 .1 .2 .0
240. * .7 .0 .0 .0 .0 .1 .3 .0
245. * .7 .0 .0 .0 .0 .1 .3 .0
250. * .7 .0 .0 .0 .0 .0 .4 .0
255. * .9 .0 .0 .0 .0 .0 .4 .0
260. * .9 .0 .0 .0 .0 .0 .3 .0
265. * .8 .0 .0 .0 .0 .0 .3 .0
270. * .8 .0 .0 .0 .0 .0 .3 .1
275. * .9 .0 .0 .1 .1 .0 .3 .1
280. * .8 .1 .1 .2 .2 .0 .3 .1
285. * .7 .2 .2 .3 .3 .1 .3 .1
290. * .6 .3 .4 .5 .6 .1 .3 .0
295. * .4 .5 .7 .7 .8 .2 .3 .0
300. * .2 .7 .8 .9 1.0 .3 .3 .0
305. * .0 .8 .9 1.0 1.2 .4 .4 .0
310. * .0 .8 .9 1.1 1.3 .4 .4 .1
315. * .0 .8 1.1 1.1 1.2 .4 .5 .1
320. * .0 .9 1.1 1.1 1.1 .4 .5 .1
325. * .0 .9 1.1 1.0 1.0 .4 .5 .1
330. * .0 1.0 .9 1.0 .9 .5 .5 .2
335. * .0 1.0 .9 1.0 .8 .5 .5 .2
340. * .0 .8 .9 .9 .7 .5 .5 .2
345. * .0 .8 .9 .9 .7 .4 .4 .1
350. * .0 .8 .9 .9 .6 .4 .4 .1
355. * .0 .8 .8 .9 .5 .4 .4 .1
360. * .0 .8 .8 .9 .5 .4 .4 .1

```

MAX * 1.0 1.0 1.1 1.3 1.3 1.2 1.3 .8
DEGR. * 140 90 315 30 310 90 65 30

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 220 DEGREES FROM REC10.
THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 225 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 65 DEGREES FROM REC27.

1

JOB: S4 NB15 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:06:54.50

RUN: S4 NB15 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 330	REC2 315	REC3 300	REC4 305	REC5 0	REC6 90	REC7 90	REC8 125	REC9 230	REC10 220	REC11 225	REC12 125	REC13 190	REC14 215	REC15 175	REC16 155	REC17 120	REC18 125	REC19 155	REC20 265
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.3	.3	.3	.1	.0	.0	.0	.0	.2	.3	.2	.0	.1	.1	.1	.0	.0	.0	.2	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.2	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
22 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
23 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27 *	.0	.0	.0	.0	.3	.4	.4	.6	.5	.5	.4	.3	.2	.0	.1	.1	.3	.4	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
37 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
38 *	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	.6	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.1	.2	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0
42 *	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0

1

JOB: S4 NB15 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:06:54.50

RUN: S4 NB15 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 140	REC22 90	REC23 315	REC24 30	REC25 310	REC26 90	REC27 65	REC28 30
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.1	.1	.1
4 *	.1	.0	.0	.0	.0	.3	.4	.3
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.1	.2	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.1	.1	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.1	.0	.0	.0	.0
15 *	.0	.0	.0	.1	.0	.0	.0	.0
16 *	.0	.0	.0	.1	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.2	.2	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.2
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.1	.0	.0	.0	.2	.2	.1
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0

31	*	.0	.0	.0	.0	.0	.0	.0	S4NB15BA.OUT
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.1	.1	.1	.1	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.1	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.2	.0	.0	
38	*	.6	.7	.8	.7	1.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.1	
42	*	.0	.0	.0	.0	.0	.1	.0	

S4NB15BP.DAT

S4 NB15PM MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 NB15PM 117 AND 124	42	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1625	3.1	0. 56.	35.	
2	NB MD 124	AG249516.536959.249590.537204.	1625	3.1	0. 56.	35.	
1							
2	NB MD 124	TAG249590.537204.249702.537594.	1225	3.1	0. 56.	35.	
2							
3	NB MD124	TQAG249678.537512.249625.537327.	0.	36.	3		
150	110	4.0 1225 33.4 1770 3 3					
1							
43	NB MD 124	RAG249840.537514.249763.537522.	375	3.1	0. 32.	35.	
1							
43	NB MD 124	RAG249763.537522.249693.537480.	375	3.1	0. 32.	35.	
2							
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150	110	4.0 375 33.4 1583 3 3					
1							
43	NB MD 124	RAG249693.537480.249644.537326.	375	3.1	0. 32.	35.	
1							
5	NB MD 124	LAG249605.537313.249683.537596.	25	3.1	0. 32.	35.	
2							
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150	141	4.0 25 33.4 1770 3 3					
1							
12	NB MD 124	AG249702.537593.249777.537853.	2450	3.1	0. 56.	35.	
1							
13	NB MD 124	AG249777.537853.249889.538323.	2450	3.1	0. 56.	35.	
1							
14	NB MD 124	AG249889.538323.249950.538548.	2450	3.1	0. 56.	35.	
1							
15	SB MD 124	AG249921.538556.249734.537927.	2500	3.1	0. 56.	35.	
1							
16	SB MD 124	TAG249734.537927.249649.537602.	750	3.1	0. 56.	35.	
2							
17	SB MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150	61	4.0 750 33.4 1770 3 3					
1							
43	SB MD 124	RAG249561.537685.249660.537714.	50	3.1	0. 32.	35.	
2							
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150	61	4.0 50 33.4 1583 3 3					
1							
43	SB MD 124	RAG249660.537714.249717.537914.	50	3.1	0. 32.	35.	
1							
18	SB MD 124	LAG249762.537910.249685.537600.	1050	3.1	0. 32.	35.	
2							
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150	96	4.0 1050 33.4 1770 3 3					
1							
24	SB MD 124	AG249648.537602.249582.537321.	1250	3.1	0. 56.	35.	
1							
25	SB MD 124	AG249582.537321.249459.536867.	1250	3.1	0. 56.	35.	
1							
26	SB MD 124	AG249459.536867.249382.536635.	1250	3.1	0. 56.	35.	
1							
27	WB MD 117	AG250637.537299.250150.537475.	2895	3.1	0. 68.	35.	
1							
29	WB MD 117	TAG250150.537475.249688.537635.	1250	3.1	0. 80.	35.	
2							
28	WB MD117	TAG249740.537617.249931.537550.	0.	60.	5		
150	116	4.0 1250 33.4 1695 3 3					
1							
30	WB MD 117	LAG250149.537454.249681.537607.	475	3.1	0. 32.	35.	
2							
31	WB MD117	L AG249738.537589.249928.537525.	0.	12.	1		
150	116	3 475 33.4 1770 3 3					
1							
43	WB MD 117	RAG249745.537744.249760.537660.	1175	3.1	0. 15.	35.	
1							
43	WB MD 117	RAG249760.537660.249799.537616.	1175	3.1	0. 32.	35.	
1							
43	WB MD 117	RAG249799.537616.250052.537524.	1175	3.1	0. 32.	35.	
1							
34	WB MD 117	AG249686.537635.249116.537854.	1325	3.1	0. 56.	35.	
1							
35	WB MD 117	AG249116.537854.248794.538054.	1325	3.1	0. 56.	35.	

Page 1

S4NB15BP.DAT

JOB: S4 NB15PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:08:31.83

RUN: S4 NB15PM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1625.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1625.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1225.	3.1	.0	56.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249564.3	537114.9	*	413.	196. AG	197.	100.0	.0	36.0	1.02 21.0
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	375.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	375.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249336.6	537266.6	*	489.	239. AG	66.	100.0	.0	12.0	1.05 24.8
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	375.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249654.6	537492.3	*	25.	195. AG	84.	100.0	.0	12.0	.71 1.2
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2450.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2450.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2450.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2500.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	750.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249688.7	537751.8	*	83.	14. AG	109.	100.0	.0	36.0	.26 4.2
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	50.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249613.0	537699.9	*	17.	73. AG	36.	100.0	.0	12.0	.06 .8
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	50.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1050.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	251039.9	543021.7	*	5529.	14. AG	57.	100.0	.0	12.0	1.86 280.9
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1250.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1250.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1250.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2895.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1250.	3.1	.0	80.0	
27. 28	WB MD117T	* 249740.0	537617.0	249899.1	537561.2	*	169.	109. AG	346.	100.0	.0	60.0	.79 8.6
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	475.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	251078.4	537137.7	*	1414.	109. AG	69.	100.0	.0	12.0	1.27 71.9
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1175.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1175.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1175.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1325.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1325.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	600.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	600.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	550.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249502.7	537640.8	*	106.	293. AG	306.	100.0	.0	48.0	.77 5.4
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	3.1	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249609.6	537622.9	*	17.	290. AG	153.	100.0	.0	24.0	.14 .9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	1950.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	1950.	3.1	.0	68.0	

JOB: S4 NB15PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:08:31.83

RUN: S4 NB15PM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	110	4.0	1225	1770	33.40	3	3
7. 41	NB MD 124R*	150	110	4.0	375	1583	33.40	3	3
10. 6	NB MD124LQ*	150	141	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	61	4.0	750	1770	33.40	3	3
18. 41	SB MD 124R*	150	61	4.0	50	1583	33.40	3	3
21. 19	SB MD124LQ*	150	96	4.0	1050	1770	33.40	3	3
27. 28	WB MD117T	150	116	4.0	1250	1695	33.40	3	3
29. 31	WB MD117L	150	116	.3	475	1770	33.40	3	3
38. 39	EB MD 117T*	150	128	4.0	550	1667	33.40	3	3
40. 41	EB MD 117L	150	128	4.0	50	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*
20. REC 20 164' WN CORNE	*	249442.0	537759.0	5.0	*
21. REC 21 400' WN CORNE	*	249222.0	537845.0	5.0	*

22. REC 22 400' WS CORNE * 249251.0 537685.0 5.0 * S4NB15BP.OUT
 23. REC 23 164' WS CORNE * 249460.0 537602.0 5.0 *
 24. REC 24 82' WS CORNER * 249538.0 537574.0 5.0 *
 25. REC 25 SW CORNER * 249606.0 537549.0 5.0 *
 26. REC 26 82' SW CORNER * 249586.0 537467.0 5.0 *
 27. REC 27 164' SW CORNE * 249565.0 537390.0 5.0 *
 28. REC 28 400' SW CORNE * 249508.0 537163.0 5.0 *

1

JOB: S4 NB15PM MD117 AND MD 124

RUN: S4 NB15PM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.2	.4	.5	1.0	1.0	.5	.2	.0	.0	.3	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
5.	.2	.3	.5	1.0	.9	.4	.2	.0	.0	.2	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0
10.	.2	.3	.5	.8	.8	.4	.3	.0	.0	.1	.2	.2	.1	.1	.2	.2	.2	.1	.0	.0
15.	.2	.4	.5	.7	.7	.3	.4	.0	.0	.0	.1	.0	.0	.0	.3	.2	.2	.2	.0	.0
20.	.1	.3	.4	.7	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.0	.0
25.	.1	.3	.4	.7	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.2	.0
30.	.1	.2	.3	.7	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.2	.0
35.	.0	.1	.3	.7	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.2	.1
40.	.0	.1	.2	.6	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1
45.	.0	.1	.2	.6	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.3	.2	.1
50.	.0	.0	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.3	.1	.2
55.	.0	.0	.1	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.4	.1	.1
60.	.0	.0	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.3	.0	.0
65.	.0	.0	.0	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.5	.2	.4	.2	.0	.0
70.	.0	.1	.0	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
75.	.0	.1	.2	.3	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
80.	.0	.2	.3	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
85.	.0	.2	.3	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
90.	.0	.0	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
95.	.0	.0	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.3	.2
100.	.0	.0	.0	.3	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.4	.3
105.	.0	.0	.0	.3	.3	.3	.3	.1	.2	.2	.3	.0	.0	.0	.4	.3	.3	.5	.5	.2
110.	.0	.0	.0	.1	.1	.1	.1	.3	.3	.5	.5	.0	.0	.0	.4	.3	.3	.6	.7	.3
115.	.0	.0	.0	.0	.1	.1	.1	.3	.5	.6	.7	.0	.0	.0	.4	.3	.3	.7	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.7	.8	.1	.0	.0	.4	.3	.5	.8	.7	.5
125.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.8	.9	.2	.1	.0	.4	.3	.5	.8	.6	.4
130.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.8	1.0	.3	.1	.0	.4	.3	.7	.9	.5	.5
135.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.8	1.1	.2	.1	.0	.4	.4	.8	.9	.5	.5
140.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.9	1.2	.2	.0	.0	.4	.4	.9	.6	.5	.6
145.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.0	1.2	.1	.0	.0	.4	.6	.8	.5	.6	.6
150.	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.1	1.3	.1	.0	.0	.5	.6	.7	.5	.6	.5
155.	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.1	1.3	.1	.0	.0	.5	.6	.7	.5	.7	.5
160.	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.2	1.3	.1	.0	.0	.6	.6	.5	.2	.6	.4
165.	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.3	.2	.1	.0	.6	.5	.6	.2	.6	.3
170.	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.3	.3	.1	.0	.6	.5	.4	.3	.6	.3
175.	.0	.0	.0	.0	.0	.0	.0	.4	.4	1.2	1.2	.3	.1	.0	.7	.5	.3	.5	.6	.1
180.	.0	.0	.0	.0	.0	.0	.0	.3	.4	1.2	1.2	.3	.2	.1	.8	.3	.3	.5	.5	.1
185.	.0	.0	.0	.0	.0	.0	.0	.4	.5	1.2	1.2	.5	.2	.1	.6	.3	.3	.6	.4	.1
190.	.0	.0	.0	.0	.0	.0	.0	.4	.5	1.3	1.2	.5	.3	.1	.4	.3	.2	.4	.3	.1
195.	.0	.0	.0	.0	.0	.0	.0	.4	.6	1.3	1.3	.6	.4	.2	.2	.2	.2	.4	.3	.1
200.	.0	.0	.0	.1	.0	.0	.0	.3	.6	1.4	1.4	.5	.4	.2	.2	.1	.3	.4	.2	.1
205.	.0	.0	.1	.1	.0	.0	.0	.3	.7	1.4	1.4	.4	.3	.3	.2	.1	.2	.4	.2	.1

1

JOB: S4 NB15PM MD117 AND MD 124

RUN: S4 NB15PM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.1	.1	.1	.2	.1	.0	.0	.3	.9	1.4	1.6	.5	.3	.2	.0	.1	.3	.4	.1	.1
215.	.1	.2	.2	.2	.1	.0	.0	.3	1.0	1.4	1.6	.3	.4	.2	.0	.1	.2	.4	.1	.1
220.	.1	.3	.2	.2	.1	.0	.0	.3	1.1	1.5	1.6	.4	.3	.1	.0	.1	.2	.4	.1	.1
225.	.0	.3	.2	.4	.2	.1	.0	.3	1.2	1.6	1.6	.3	.2	.2	.0	.0	.1	.3	.1	.1
230.	.0	.3	.3	.4	.2	.1	.0	.3	1.3	1.6	1.4	.3	.2	.2	.0	.0	.2	.3	.1	.1
235.	.1	.4	.4	.4	.2	.1	.0	.4	1.4	1.5	1.3	.2	.2	.2	.0	.0	.1	.2	.1	.1
240.	.1	.3	.4	.4	.2	.1	.0	.4	1.4	1.5	1.0	.2	.2	.3	.0	.0	.1	.2	.1	.1
245.	.1	.3	.4	.5	.2	.1	.0	.4	1.5	1.4	1.1	.3	.2	.2	.0	.0	.1	.2	.1	.2
250.	.1	.4	.4	.5	.3	.1	.1	.4	1.5	1.2	1.0	.3	.2	.2	.0	.0	.1	.1	.2	.2
255.	.1	.4	.4	.5	.3	.1	.1	.4	1.5	1.3	.9	.3	.1	.2	.0	.0	.1	.1	.2	.2
260.	.1	.4	.5	.4	.3	.1	.1	.5	1.5	1.2	.9	.3	.1	.2	.0	.0	.1	.1	.2	.2
265.	.1	.4	.5	.4	.3	.2	.1	.5	1.4	1.1	1.0	.2	.1	.2	.0	.0	.1	.1	.2	.2
270.	.1	.3	.4	.4	.3	.2	.1	.6	1.2	.9	.8	.1	.1	.2	.0	.0	.0	.1	.2	.2
275.	.1	.4	.4	.4	.2	.1	.6	1.1	1.0	.7	.1	.1	.1	.2	.0	.0	.0	.1	.2	.2
280.	.2	.4	.4	.4	.2	.1	.5	1.0	.8	.7	.1	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.2	.4	.4	.4	.3	.3	.1	.4	1.0	.6	.5	.1	.1	.2	.0	.0	.0	.1	.2	.2
290.	.2	.4	.4	.5	.4	.3	.3	.5	.5	.4	.1	.1	.1	.2	.0	.0	.0	.0	.2	.2
295.	.3	.4	.4	.4	.2	.2	.3	.2	.4	.3	.3	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.3	.4	.4	.4	.2	.3	.5	.1	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.3	.3	.5	.4	.3	.5	.6	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
310.	.3	.4	.5	.5	.4	.4	.6	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.3	.4	.5	.4	.3	.6	.5	.0	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
320.	.4	.5	.5	.3	.5	.9	.5	.0	.1	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0
325.	.3	.5	.5	.3	.7	.9	.5	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0
330.	.3	.4	.5	.4	.9	1.0	.4	.0	.0	.1	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0
335.	.3	.4	.4	.3	.9	.8	.4	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.3	.4	.2	.4	.9	.8	.4	.0	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.4	.4	.3	.4	1.0	.7	.4	.0	.2	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.4	.1	.3	.6	1.0	.7	.4	.0	.2	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
355.	.3	.2	.3	.7	1.0	.5	.3	.0	.2	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	.2	.4	.5	1.0	1.0	.5	.2	.0	.0	.3	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0

```

-----*-----
MAX * .4 .5 .5 1.0 1.0 1.0 .6 .6 1.5 1.6 1.6 .6 .4 .3 .8 .6 .9 .9 .7 .6
DEGR * 320 320 0 0 0 330 305 270 245 225 210 195 195 0 180 145 140 130 110 140

```

1

JOB: S4 NB15PM MD117 AND MD 124

RUN: S4 NB15PM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
0. * .0 .1 .1 .8 .5 .2 .4 .1
5. * .0 .1 .1 .8 .4 .3 .4 .2
10. * .0 .1 .1 .8 .5 .3 .5 .3
15. * .0 .1 .1 .9 .8 .3 .5 .3
20. * .0 .1 .1 1.0 .9 .4 .7 .3
25. * .0 .1 .2 1.0 .8 .3 .7 .6
30. * .0 .1 .3 1.1 .7 .4 .8 .7
35. * .0 .1 .4 1.0 .6 .4 .9 .8
40. * .0 .1 .3 1.1 .4 .4 .9 .8
45. * .0 .1 .4 1.0 .3 .7 1.1 .8
50. * .0 .1 .5 .9 .3 .6 1.1 .8
55. * .0 .1 .5 .9 .4 .6 1.0 .6
60. * .0 .2 .7 .9 .6 .7 1.0 .6
65. * .0 .2 .7 .7 .7 .7 .9 .6
70. * .0 .2 .8 .6 .6 .9 .7 .6
75. * .0 .2 .8 .7 .9 1.0 .7 .5
80. * .0 .1 .8 .7 .9 .9 .5 .5
85. * .0 .2 .8 .8 .9 .9 .5 .5
90. * .0 .3 .7 .8 .9 .7 .5 .5
95. * .1 .2 .8 .7 .8 .8 .5 .5
100. * .1 .2 .7 .6 .7 .6 .5 .5
105. * .2 .2 .5 .5 .7 .6 .5 .5
110. * .3 .2 .5 .5 .5 .6 .5 .5
115. * .4 .2 .2 .3 .5 .6 .5 .5
120. * .4 .1 .1 .2 .5 .6 .5 .5
125. * .3 .1 .1 .2 .5 .6 .5 .4
130. * .4 .1 .1 .3 .5 .6 .5 .4
135. * .4 .1 .1 .3 .6 .6 .5 .3
140. * .3 .1 .1 .3 .6 .6 .5 .3
145. * .3 .1 .2 .3 .6 .6 .5 .3
150. * .3 .1 .2 .3 .6 .6 .5 .2
155. * .2 .0 .1 .3 .7 .7 .5 .2
160. * .1 .0 .1 .3 .8 .8 .5 .3
165. * .1 .0 .1 .2 .8 .8 .6 .3
170. * .1 .0 .1 .2 .8 .7 .6 .3
175. * .1 .0 .1 .1 .7 .7 .5 .3
180. * .1 .0 .0 .1 .7 .6 .5 .4
185. * .1 .0 .0 .1 .5 .5 .5 .3
190. * .1 .0 .0 .0 .4 .5 .3 .3
195. * .1 .0 .0 .0 .3 .4 .2 .1
200. * .1 .0 .0 .0 .3 .3 .1 .1
205. * .1 .0 .0 .0 .2 .1 .0 .1

```

1

JOB: S4 NB15PM MD117 AND MD 124

RUN: S4 NB15PM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
210. * .1 .0 .0 .0 .1 .1 .0 .0
215. * .1 .0 .0 .0 .1 .1 .0 .0
220. * .1 .0 .0 .0 .1 .1 .0 .0
225. * .1 .0 .0 .0 .0 .1 .1 .0
230. * .1 .0 .0 .0 .0 .1 .1 .0
235. * .1 .0 .0 .0 .0 .1 .2 .0
240. * .1 .0 .0 .0 .0 .0 .2 .0
245. * .1 .0 .0 .0 .0 .0 .3 .0
250. * .1 .0 .0 .0 .0 .0 .3 .0
255. * .2 .0 .0 .0 .0 .0 .3 .0
260. * .2 .0 .0 .0 .0 .0 .3 .0
265. * .1 .0 .0 .0 .0 .0 .3 .0
270. * .1 .0 .0 .0 .0 .0 .3 .0
275. * .2 .0 .0 .0 .0 .0 .3 .0
280. * .2 .0 .0 .0 .0 .0 .3 .0
285. * .2 .0 .0 .0 .1 .0 .2 .0
290. * .2 .0 .0 .0 .1 .0 .2 .0
295. * .2 .0 .0 .0 .2 .0 .2 .0
300. * .1 .0 .0 .0 .3 .0 .2 .0
305. * .0 .0 .0 .1 .6 .0 .2 .0
310. * .0 .0 .0 .2 .7 .0 .2 .0
315. * .0 .0 .1 .3 .8 .0 .2 .0
320. * .0 .0 .1 .4 .8 .1 .2 .0
325. * .0 .0 .1 .6 .9 .1 .2 .0
330. * .0 .1 .1 .7 .8 .2 .2 .0
335. * .0 .1 .1 .7 .8 .2 .3 .0
340. * .0 .1 .1 .7 .8 .3 .3 .0
345. * .0 .1 .1 .7 .7 .3 .3 .0
350. * .0 .1 .1 .8 .5 .3 .4 .0
355. * .0 .1 .1 .8 .6 .3 .4 .0
360. * .0 .1 .1 .8 .5 .2 .4 .1

```

MAX * .4 .3 .8 1.1 .9 1.0 1.1 .8
DEGR. * 115 90 95 30 20 75 50 35

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 225 DEGREES FROM REC10.
THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 210 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 245 DEGREES FROM REC9 .

1

JOB: S4 NB15PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:08:31.83

RUN: S4 NB15PM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 320	REC2 320	REC3 0	REC4 0	REC5 0	REC6 330	REC7 305	REC8 270	REC9 245	REC10 225	REC11 210	REC12 195	REC13 195	REC14 0	REC15 180	REC16 145	REC17 140	REC18 130	REC19 110	REC20 140
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.3	.3	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
12 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
21 *	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
27 *	.0	.0	.2	.4	.5	.5	.2	.2	.9	.9	.8	.4	.3	.0	.1	.2	.3	.3	.2	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 NB15PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:08:31.83

RUN: S4 NB15PM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 115	REC22 90	REC23 95	REC24 30	REC25 20	REC26 75	REC27 50	REC28 35
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.1	.1	.1
4 *	.0	.0	.0	.0	.0	.3	.3	.4
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.1	.3	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.1	.0	.0	.0
12 *	.0	.0	.0	.1	.1	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.1	.1	.0	.0	.0
15 *	.0	.0	.0	.0	.1	.0	.0	.0
16 *	.0	.0	.0	.0	.1	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.1	.0	.0	.0
22 *	.0	.0	.0	.0	.1	.1	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.2	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.1	.1	.2	.0	.0	.2	.2	.1
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.1	.0	.0	.1	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0

31	*	.0	.0	.0	.0	.0	.0	.0	S4NB15BP.OUT
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.1	.0	.1	.1	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.1	.4	.7	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	
41	*	.0	.0	.1	.0	.0	.1	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	

S4B115BA.DAT

S4 B115 BRT AM MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 B115 BRT AM 117 AND 124	44	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1175	3.1	0. 56.	35.	
2	NB MD 124	AG249516.536959.249590.537204.	1175	3.1	0. 56.	35.	
1							
2	NB MD 124	TAG249590.537204.249702.537594.	800	3.1	0. 44.	35.	
2							
3	NB MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
150	117	4.0 800 33.4 1770 3 3					
1							
43	NB MD 124	RAG249840.537514.249763.537522.	350	3.1	0. 32.	35.	
1							
43	NB MD 124	RAG249763.537522.249693.537480.	350	3.1	0. 32.	35.	
2							
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150	117	4.0 350 33.4 1583 3 3					
1							
43	NB MD 124	RAG249693.537480.249644.537326.	350	3.1	0. 32.	35.	
1							
5	NB MD 124	LAG249605.537313.249683.537596.	25	3.1	0. 32.	35.	
2							
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150	142	4.0 25 33.4 1770 3 3					
1							
12	NB MD 124	AG249702.537593.249777.537853.	1775	3.1	0. 56.	35.	
1							
13	NB MD 124	AG249777.537853.249889.538323.	1775	3.1	0. 56.	35.	
1							
14	NB MD 124	AG249889.538323.249950.538548.	1775	3.1	0. 56.	35.	
1							
15	SB MD 124	AG249921.538556.249734.537927.	2500	3.1	0. 56.	35.	
1							
16	SB MD 124	TAG249734.537927.249649.537602.	1500	3.1	0. 56.	35.	
2							
17	SB MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150	68	4.0 1500 33.4 1770 3 3					
1							
43	SB MD 124	RAG249561.537685.249660.537714.	25	3.1	0. 32.	35.	
2							
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150	68	4.0 25 33.4 1583 3 3					
1							
43	SB MD 124	RAG249660.537714.249717.537914.	25	3.1	0. 32.	35.	
1							
18	SB MD 124	LAG249762.537910.249685.537600.	975	3.1	0. 32.	35.	
2							
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150	95	4.0 975 33.4 1770 3 3					
1							
24	SB MD 124	AG249648.537602.249582.537321.	1775	3.1	0. 56.	35.	
1							
25	SB MD 124	AG249582.537321.249459.536867.	1775	3.1	0. 56.	35.	
1							
26	SB MD 124	AG249459.536867.249382.536635.	1775	3.1	0. 56.	35.	
1							
27	WB MD 117	AG250637.537299.250150.537475.	2150	3.1	0. 68.	35.	
1							
29	WB MD 117	TAG250150.537475.249688.537635.	950	3.1	0. 56.	35.	
2							
28	WB MD117	T AG249740.537617.249931.537550.	0.	36.	3		
150	120	4.0 950 33.4 1695 3 3					
1							
30	WB MD 117	LAG250149.537454.249681.537607.	250	3.1	0. 32.	35.	
2							
31	WB MD117	L AG249738.537589.249928.537525.	0.	12.	1		
150	120	4.0 250 33.4 1717 3 3					
1							
43	WB MD 117	RAG249745.537744.249760.537660.	950	3.1	0. 15.	35.	
1							
43	WB MD 117	RAG249760.537660.249799.537616.	950	3.1	0. 32.	35.	
1							
43	WB MD 117	RAG249799.537616.250052.537524.	950	3.1	0. 32.	35.	
1							
34	WB MD 117	AG249686.537635.249116.537854.	1000	3.1	0. 56.	35.	
1							
35	WB MD 117	AG249116.537854.248794.538054.	1000	3.1	0. 56.	35.	

Page 1

S4B115BA.DAT

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 10:48:42.29

RUN: S4 B115 BRT AM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1175.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1175.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	800.	3.1	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249355.4	536385.5	*	1172.	196. AG	140.	100.0	.0	24.0	1.26 59.5
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	350.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	350.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	248920.2	537017.2	*	974.	239. AG	70.	100.0	.0	12.0	1.23 49.5
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	350.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249644.0	537453.7	*	65.	195. AG	85.	100.0	.0	12.0	1.09 3.3
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1775.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1775.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1775.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2500.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1500.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249714.2	537851.1	*	186.	14. AG	122.	100.0	.0	36.0	.56 9.4
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249605.9	537697.7	*	9.	73. AG	41.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	975.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250817.2	542130.8	*	4610.	14. AG	57.	100.0	.0	12.0	1.69 234.2
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1775.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1775.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1775.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2150.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	950.	3.1	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250441.5	537370.9	*	743.	109. AG	215.	100.0	.0	36.0	1.17 37.8
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	250.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249929.5	537524.5	*	202.	109. AG	72.	100.0	.0	12.0	.91 10.3
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	950.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	950.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	950.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1000.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1000.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1425.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1425.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1400.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249262.9	537743.8	*	367.	293. AG	270.	100.0	.0	48.0	1.02 18.6
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	25.	3.1	.0	44.0	
40. 41	EB MD 117L*	249626.0	537617.0	249619.0	537619.5	*	7.	290. AG	135.	100.0	.0	24.0	.03 .4
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2700.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2700.	3.1	.0	68.0	
43.	NB BUS	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	23.	2.2	.0	32.0	
44.	SB BUS	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	30.	2.2	.0	32.0	

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 10:48:42.29

RUN: S4 B115 BRT AM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	117	4.0	800	1770	33.40	3	3
7. 41	NB MD 124R*	150	117	4.0	350	1583	33.40	3	3
10. 6	NB MD124LQ*	150	142	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	68	4.0	1500	1770	33.40	3	3
18. 41	SB MD 124R*	150	68	4.0	25	1583	33.40	3	3
21. 19	SB MD124LQ*	150	95	4.0	975	1770	33.40	3	3
27. 28	WB MD117T	150	120	4.0	950	1695	33.40	3	3
29. 31	WB MD117L	150	120	4.0	250	1717	33.40	3	3
38. 39	EB MD 117T*	150	113	4.0	1400	1667	33.40	3	3
40. 41	EB MD 117L*	150	113	4.0	25	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B115BA.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.3	.3	.8	.7	.6	.5	.0	.0	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0
5.	.1	.3	.3	.6	.7	.5	.5	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0
10.	.2	.3	.3	.6	.6	.5	.5	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0
15.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0
20.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0
25.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.0
30.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.2	.0
35.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1
40.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1
45.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1
50.	.1	.2	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.0	.1
55.	.1	.1	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.1	.0
60.	.1	.1	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.0
65.	.1	.2	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.5	.2	.0
70.	.0	.2	.3	.5	.5	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.5	.2	.0
75.	.0	.2	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.2	.1
80.	.0	.2	.3	.5	.6	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.2	.1
85.	.0	.2	.2	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.1	.1
90.	.0	.2	.2	.4	.7	.7	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.1	.1
95.	.0	.0	.2	.5	.6	.6	.5	.0	.1	.1	.1	.0	.0	.0	.4	.3	.5	.5	.3	.2
100.	.0	.0	.1	.3	.6	.5	.4	.2	.1	.1	.1	.0	.0	.0	.4	.2	.5	.6	.3	.3
105.	.0	.0	.0	.2	.3	.4	.2	.2	.3	.2	.2	.0	.0	.0	.4	.2	.5	.6	.4	.4
110.	.0	.0	.0	.2	.2	.3	.1	.3	.6	.6	.5	.0	.0	.0	.4	.4	.6	.7	.4	.3
115.	.0	.0	.0	.1	.1	.1	.6	.9	.9	.9	.9	.1	.0	.0	.4	.5	.6	.8	.6	.4
120.	.0	.0	.0	.0	.1	.1	.0	.7	.9	1.0	.8	.1	.1	.0	.4	.5	.9	.8	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.9	.9	.3	.1	.0	.4	.6	.9	1.0	.4	.4
130.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.3	.1	.0	.4	.7	1.0	.9	.4	.6
135.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	1.0	.3	.3	.0	.5	.7	.8	.7	.4	.5
140.	.0	.0	.0	.0	.0	.0	.0	.8	.9	1.0	1.1	.3	.3	.0	.5	.7	.9	.6	.5	.7
145.	.0	.0	.0	.0	.0	.0	.0	.8	.9	1.0	.9	.3	.3	.1	.5	.7	.9	.5	.5	.7
150.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.3	.3	.1	.6	.8	.7	.4	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.2	.3	.1	.6	.8	.6	.3	.7	.8
160.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.2	.2	.1	.6	.8	.6	.4	.8	.8
165.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.8	.4	.5	.8	.7
170.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.6	.5	.4	.7	.7
175.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.4	.3	.4	.7	.7
180.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.3	.1	.8	.4	.4	.5	.7	.7
185.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.3	.3	.1	.6	.3	.5	.6	.7	.7
190.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	1.0	.4	.4	.1	.5	.4	.3	.6	.7	.6
195.	.1	.1	.1	.1	.0	.0	.0	.6	.9	1.0	1.0	.4	.4	.2	.5	.3	.2	.5	.6	.6
200.	.1	.1	.1	.1	.1	.0	.0	.6	1.0	1.0	1.0	.4	.3	.2	.4	.2	.3	.6	.5	.5
205.	.1	.2	.2	.2	.1	.1	.0	.6	1.0	1.0	1.0	.4	.3	.1	.2	.2	.2	.5	.6	.5

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.2	.2	.2	.1	.1	.0	.7	1.0	1.1	1.0	.3	.2	.1	.1	.2	.2	.5	.6	.5
215.	.2	.3	.3	.3	.1	.1	.0	.7	1.0	1.1	1.0	.4	.2	.3	.1	.2	.2	.5	.6	.6
220.	.2	.3	.3	.3	.1	.1	.0	.8	1.0	1.2	1.0	.4	.3	.3	.1	.2	.2	.5	.6	.6
225.	.2	.3	.3	.3	.1	.1	.1	.8	1.0	1.1	1.1	.3	.1	.4	.1	.2	.2	.5	.6	.6
230.	.3	.3	.3	.2	.1	.1	.1	.8	1.1	1.1	1.1	.2	.2	.3	.1	.2	.2	.5	.6	.6
235.	.3	.3	.3	.3	.1	.1	.1	.8	1.1	1.1	1.0	.2	.3	.3	.1	.2	.2	.5	.6	.6
240.	.3	.3	.3	.3	.2	.1	.1	.8	1.1	1.2	.9	.2	.3	.3	.0	.2	.2	.5	.6	.6
245.	.3	.3	.2	.4	.2	.1	.1	.8	1.1	1.0	.7	.4	.4	.3	.0	.1	.2	.4	.5	.6
250.	.3	.3	.3	.4	.2	.2	.1	.8	1.1	1.0	.8	.4	.4	.2	.0	.1	.2	.4	.5	.6
255.	.4	.3	.3	.4	.2	.2	.1	.9	.9	.8	.6	.5	.4	.2	.0	.1	.2	.4	.6	.6
260.	.4	.4	.3	.4	.2	.2	.1	.8	1.0	.8	.8	.5	.3	.2	.0	.1	.2	.4	.6	.5
265.	.4	.3	.4	.4	.2	.2	.1	.8	1.0	.6	.7	.5	.3	.2	.0	.0	.1	.4	.6	.5
270.	.3	.3	.4	.3	.2	.2	.1	.8	.9	.6	.6	.4	.3	.2	.0	.0	.1	.3	.5	.4
275.	.4	.3	.4	.3	.2	.2	.0	.8	.7	.6	.6	.4	.2	.2	.0	.0	.0	.3	.6	.3
280.	.4	.3	.4	.4	.3	.3	.0	.7	.7	.5	.7	.3	.2	.2	.0	.0	.0	.2	.4	.3
285.	.4	.4	.4	.4	.4	.2	.3	.5	.4	.6	.7	.3	.2	.2	.0	.0	.0	.1	.2	.2
290.	.4	.4	.4	.5	.4	.3	.4	.3	.3	.3	.5	.3	.0	.2	.0	.0	.0	.0	.2	.1
295.	.4	.3	.5	.5	.3	.4	.4	.1	.3	.3	.4	.3	.0	.2	.0	.0	.0	.0	.1	.1
300.	.3	.3	.4	.7	.4	.4	.6	.1	.1	.2	.3	.3	.1	.2	.0	.0	.0	.0	.1	.1
305.	.3	.4	.5	.7	.4	.4	.6	.0	.1	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
310.	.3	.4	.5	.5	.3	.4	.6	.0	.1	.2	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.3	.5	.5	.4	.4	.5	.5	.0	.1	.2	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0
320.	.3	.5	.5	.3	.3	.5	.5	.0	.0	.2	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0
325.	.4	.5	.5	.3	.5	.6	.5	.0	.0	.2	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0
330.	.4	.5	.3	.3	.7	.6	.5	.0	.0	.2	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0
335.	.4	.3	.4	.6	.7	.6	.5	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.3	.3	.2	.5	.7	.6	.5	.0	.1	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.3	.2	.3	.5	.6	.6	.5	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.3	.1	.2	.6	.6	.6	.5	.0	.1	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0

S4B115BA.OUT

355.	*	.2	.2	.3	.8	.7	.6	.5	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0
360.	*	.1	.3	.3	.8	.7	.6	.5	.0	.0	.3	.3	.3	.2	.1	.0	.0	.0	.0
MAX	*	.4	.5	.5	.8	.7	.7	.7	.9	1.1	1.2	1.1	.5	.4	.4	.8	.8	1.0	1.0
DEGR.	*	255	315	295	0	0	90	75	255	230	220	140	255	190	225	180	155	130	125
																		160	155

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.7	.7	.4	.4	.5	.2
5.	*	.0	.3	.7	.7	.6	.4	.4	.2
10.	*	.0	.4	.7	.7	.6	.6	.6	.2
15.	*	.0	.4	.7	.7	.7	.7	.8	.4
20.	*	.0	.5	.7	.9	.6	.7	.8	.4
25.	*	.0	.5	.7	1.0	.7	.6	.7	.5
30.	*	.0	.6	.8	1.1	.7	.6	.5	.6
35.	*	.0	.6	.8	1.0	.7	.3	.7	.6
40.	*	.0	.6	.7	1.0	.7	.5	.8	.5
45.	*	.0	.7	.8	.9	.5	.4	.8	.5
50.	*	.0	.7	.8	1.0	.5	.4	.9	.5
55.	*	.0	.7	.8	.9	.6	.6	.9	.5
60.	*	.0	.7	.8	.9	.6	.7	.9	.5
65.	*	.0	.7	.8	.8	.7	.7	.9	.5
70.	*	.0	.7	.8	.7	.6	.8	.8	.6
75.	*	.0	.7	.8	.5	.8	.9	.8	.6
80.	*	.0	.8	.8	.8	.9	.9	.6	.5
85.	*	.0	.8	.7	.7	.9	.9	.6	.5
90.	*	.0	.8	.9	.7	.8	1.0	.6	.5
95.	*	.0	.9	.8	.7	.8	.8	.6	.5
100.	*	.2	.8	.7	.6	.7	.8	.4	.5
105.	*	.3	.6	.7	.6	.7	.7	.4	.5
110.	*	.3	.4	.4	.4	.6	.5	.4	.5
115.	*	.4	.3	.5	.4	.6	.5	.4	.5
120.	*	.6	.1	.2	.2	.5	.5	.4	.5
125.	*	.7	.1	.2	.2	.5	.5	.4	.5
130.	*	.7	.1	.2	.2	.6	.5	.4	.5
135.	*	.7	.1	.2	.2	.6	.5	.4	.5
140.	*	.7	.1	.2	.2	.6	.5	.4	.5
145.	*	.7	.1	.1	.2	.6	.5	.4	.5
150.	*	.7	.1	.1	.2	.6	.5	.4	.5
155.	*	.6	.1	.1	.2	.6	.5	.4	.5
160.	*	.5	.1	.1	.2	.6	.5	.5	.5
165.	*	.5	.1	.1	.3	.5	.5	.4	.6
170.	*	.3	.1	.1	.3	.5	.5	.4	.6
175.	*	.3	.0	.1	.3	.6	.7	.5	.6
180.	*	.1	.0	.1	.2	.6	.7	.6	.6
185.	*	.1	.0	.1	.3	.6	.6	.5	.4
190.	*	.1	.0	.0	.2	.6	.6	.4	.4
195.	*	.2	.0	.0	.2	.6	.5	.4	.4
200.	*	.2	.0	.0	.1	.3	.4	.2	.2
205.	*	.2	.0	.0	.1	.3	.3	.2	.2

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.2	.0	.0	.1	.2	.1	.0	.1
215.	*	.2	.0	.0	.1	.1	.1	.0	.0
220.	*	.2	.0	.0	.1	.1	.1	.1	.0
225.	*	.2	.0	.0	.0	.1	.1	.1	.0
230.	*	.2	.0	.0	.0	.1	.1	.2	.0
235.	*	.2	.0	.0	.0	.0	.1	.2	.0
240.	*	.2	.0	.0	.0	.0	.1	.3	.0
245.	*	.2	.0	.0	.0	.0	.1	.3	.0
250.	*	.2	.0	.0	.0	.0	.0	.4	.0
255.	*	.2	.0	.0	.0	.0	.0	.4	.0
260.	*	.2	.0	.0	.0	.0	.0	.3	.0
265.	*	.2	.0	.0	.0	.0	.0	.3	.0
270.	*	.2	.0	.0	.0	.0	.0	.3	.0
275.	*	.2	.0	.0	.0	.0	.0	.3	.1
280.	*	.3	.0	.0	.1	.1	.0	.3	.1
285.	*	.3	.0	.1	.1	.2	.0	.3	.0
290.	*	.3	.0	.1	.2	.4	.0	.2	.0
295.	*	.2	.1	.3	.4	.6	.1	.2	.0
300.	*	.0	.1	.4	.6	.7	.1	.2	.0
305.	*	.0	.1	.6	.7	.9	.2	.2	.0
310.	*	.0	.1	.7	.8	.9	.2	.3	.0
315.	*	.0	.1	.8	.9	.9	.3	.3	.0
320.	*	.0	.2	.9	.9	1.0	.3	.4	.0
325.	*	.0	.2	.9	1.0	.9	.4	.4	.0
330.	*	.0	.2	.8	.9	.7	.5	.4	.0
335.	*	.0	.2	.8	.8	.7	.5	.4	.1
340.	*	.0	.1	.8	.8	.6	.4	.4	.1
345.	*	.0	.1	.7	.8	.6	.4	.4	.1
350.	*	.0	.2	.7	.8	.5	.4	.4	.1
355.	*	.0	.2	.7	.8	.4	.4	.4	.1

```

360. * .0 .2 .7 .7 .4 .4 .5 .2
-----*-----
MAX * .7 .9 .9 1.1 1.0 1.0 .9 .6
DEGR. * 125 95 90 30 320 90 50 30

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 220 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 140 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 230 DEGREES FROM REC9 .

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 10:48:42.29

RUN: S4 B115 BRT AM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 255	REC2 315	REC3 295	REC4 0	REC5 0	REC6 90	REC7 75	REC8 255	REC9 230	REC10 220	REC11 140	REC12 255	REC13 190	REC14 225	REC15 180	REC16 155	REC17 130	REC18 125	REC19 160	REC20 155
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.3	.2	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
22	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.2	.3	.3	.3	.5	.5	.5	.6	.2	.0	.0	.1	.1	.3	.3	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.4	.5
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.2	.2	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 10:48:42.29

RUN: S4 B115 BRT AM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 125	REC22 95	REC23 90	REC24 30	REC25 320	REC26 90	REC27 50	REC28 30
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.2	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.2	.2	.1
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0

27	*	.1	.1	.2	.0	.0	.2	.1	.1
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.2	.0	.0	.0	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0	.0
37	*	.0	.1	.1	.1	.1	.0	.0	.0
38	*	.4	.6	.5	.6	.8	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.0	.0	.1	.1	.0
42	*	.0	.0	.0	.0	.0	.1	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0

S4B115BA.OUT

S4B115BP.DAT

S4	B115	BRT	PM	MD117	AND	MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.				
REC 2	164'	SE CORNER	249727.	537310.	5.				
REC 3	82'	SE CORNER	249751.	537379.	5.				
REC 4		SE CORNER	249778.	537461.	5.				
REC 5	82'	ES CORNER	249841.	537465.	5.				
REC 6	164'	ES CORNER	249914.	537440.	5.				
REC 7	400'	ES CORNER	250129.	537367.	5.				
REC 8	400'	EN CORNER	250154.	537525.	5.				
REC 9	164'	EN CORNER	249923.	537602.	5.				
REC 10	82'	EN CORNER	249855.	537627.	5.				
REC 11		NE CORNER	249816.	537643.	5.				
REC 12	82'	NE CORNER	249848.	537754.	5.				
REC 13	164'	NE CORNE	249879.	537812.	5.				
REC 14	400'	NE CORNE	249927.	538052.	5.				
REC 15	400'	NW CORNE	249747.	538096.	5.				
REC 16	164'	NW CORNE	249669.	537877.	5.				
REC 17	82'	NW CORNER	249647.	537798.	5.				
REC 18		NW CORNER	249619.	537740.	5.				
REC 19	82'	WN CORNER	249516.	537732.	5.				
REC 20	164'	WN CORNE	249442.	537759.	5.				
REC 21	400'	WN CORNE	249222.	537845.	5.				
REC 22	400'	WS CORNE	249251.	537685.	5.				
REC 23	164'	WS CORNE	249460.	537602.	5.				
REC 24	82'	WS CORNER	249538.	537574.	5.				
REC 25		SW CORNER	249606.	537549.	5.				
REC 26	82'	SW CORNER	249586.	537467.	5.				
REC 27	164'	SW CORNE	249565.	537390.	5.				
REC 28	400'	SW CORNE	249508.	537163.	5.				

S4	B115	BRT	PM	117	AND	124	44	1	1

1									
1		NB	MD 124	AG249425.536620.249516.536959.	1650	3.1	0.	56.	35.
2		NB	MD 124	AG249516.536959.249590.537204.	1650	3.1	0.	56.	35.
1									
2		NB	MD 124	TAG249590.537204.249702.537594.	1200	3.1	0.	44.	35.
2									
3		NB	MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
150		107		4.0 1200 33.4 1770 3 3					
1									
43		NB	MD 124	RAG249840.537514.249763.537522.	425	3.1	0.	32.	35.
1									
43		NB	MD 124	RAG249763.537522.249693.537480.	425	3.1	0.	32.	35.
2									
41		NB	MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150		107		4.0 425 33.4 1583 3 3					
1									
43		NB	MD 124	RAG249693.537480.249644.537326.	425	3.1	0.	32.	35.
1									
5		NB	MD 124	LAG249605.537313.249683.537596.	25	3.1	0.	32.	35.
2									
6		NB	MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150		140		4.0 25 33.4 1770 3 3					
1									
12		NB	MD 124	AG249702.537593.249777.537853.	2350	3.1	0.	56.	35.
1									
13		NB	MD 124	AG249777.537853.249889.538323.	2350	3.1	0.	56.	35.
1									
14		NB	MD 124	AG249889.538323.249950.538548.	2350	3.1	0.	56.	35.
1									
15		SB	MD 124	AG249921.538556.249734.537927.	1775	3.1	0.	56.	35.
1									
16		SB	MD 124	TAG249734.537927.249649.537602.	725	3.1	0.	56.	35.
2									
17		SB	MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150		57		4.0 725 33.4 1770 3 3					
1									
43		SB	MD 124	RAG249561.537685.249660.537714.	50	3.1	0.	32.	35.
2									
41		SB	MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150		57		4.0 50 33.4 1583 3 3					
1									
43		SB	MD 124	RAG249660.537714.249717.537914.	50	3.1	0.	32.	35.
1									
18		SB	MD 124	LAG249762.537910.249685.537600.	1000	3.1	0.	32.	35.
2									
19		SB	MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150		94		4.0 1000 33.4 1770 3 3					
1									
24		SB	MD 124	AG249648.537602.249582.537321.	1275	3.1	0.	56.	35.
1									
25		SB	MD 124	AG249582.537321.249459.536867.	1275	3.1	0.	56.	35.
1									
26		SB	MD 124	AG249459.536867.249382.536635.	1275	3.1	0.	56.	35.
1									
27		WB	MD 117	AG250637.537299.250150.537475.	2675	3.1	0.	68.	35.
1									
29		WB	MD 117	TAG250150.537475.249688.537635.	1050	3.1	0.	56.	35.
2									
28		WB	MD117	T AG249740.537617.249931.537550.	0.	36.	3		
150		118		4.0 1050 33.4 1695 3 3					
1									
30		WB	MD 117	LAG250149.537454.249681.537607.	525	3.1	0.	32.	35.
2									
31		WB	MD117	L AG249738.537589.249928.537525.	0.	12.	1		
150		118		4.0 525 33.4 1717 3 3					
1									
43		WB	MD 117	RAG249745.537744.249760.537660.	1100	3.1	0.	15.	35.
1									
43		WB	MD 117	RAG249760.537660.249799.537616.	1100	3.1	0.	32.	35.
1									
43		WB	MD 117	RAG249799.537616.250052.537524.	1100	3.1	0.	32.	35.
1									
34		WB	MD 117	AG249686.537635.249116.537854.	1125	3.1	0.	56.	35.
1									
35		WB	MD 117	AG249116.537854.248794.538054.	1125	3.1	0.	56.	35.

Page 1

S4B115BP.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1425	3.1	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	550	3.1	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	500	3.1	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	126	4.0 500 33.4 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	50	3.1	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	126	4.0 50 33.4 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	1900	3.1	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	1900	3.1	0.	68.	35.		
1									
1	NB BUS	AG250038.538520.249514.536587.	12	2.2	0.	32.	26.		
1									
1.0	SB BUS	AG249461.536620.249999.538536.	12	2.2	0.	32.	26.		
0.4	1000. 0.0Y	5 0 72							

JOB: S4 B115 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:14:26.41

RUN: S4 B115 BRT PM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1650.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1650.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1200.	3.1	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249098.6	535488.8	*	2104.	196. AG	128.	100.0	.0	24.0	1.38 106.9
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	425.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	425.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249157.7	537159.5	*	698.	239. AG	64.	100.0	.0	12.0	1.09 35.4
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	425.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249655.7	537496.6	*	20.	195. AG	84.	100.0	.0	12.0	.53 1.0
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2350.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2350.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2350.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	1775.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	725.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249686.7	537743.8	*	75.	14. AG	102.	100.0	.0	36.0	.23 3.8
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	50.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249611.9	537699.5	*	16.	73. AG	34.	100.0	.0	12.0	.05 .8
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	50.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1000.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250850.8	542265.1	*	4749.	14. AG	56.	100.0	.0	12.0	1.69 241.2
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1275.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1275.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1275.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2675.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1050.	3.1	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250576.1	537323.7	*	886.	109. AG	211.	100.0	.0	36.0	1.19 45.0
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	525.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	252325.9	536717.6	*	2731.	109. AG	70.	100.0	.0	12.0	1.77 138.7
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1100.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1100.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1100.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1125.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1125.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1425.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	550.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	500.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249520.5	537633.1	*	86.	293. AG	301.	100.0	.0	48.0	.63 4.4
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	3.1	.0	44.0	
40. 41	EB MD 117L*	249626.0	537617.0	249609.8	537622.8	*	17.	290. AG	151.	100.0	.0	24.0	.12 .9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	1900.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	1900.	3.1	.0	68.0	
43.	NB BUS	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	12.	2.2	.0	32.0	
44.	SB BUS	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	12.	2.2	.0	32.0	

JOB: S4 B115 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:14:26.41

RUN: S4 B115 BRT PM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	107	4.0	1200	1770	33.40	3	3
7. 41	NB MD 124R*	150	107	4.0	425	1583	33.40	3	3
10. 6	NB MD124LQ*	150	140	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	57	4.0	725	1770	33.40	3	3
18. 41	SB MD 124R*	150	57	4.0	50	1583	33.40	3	3
21. 19	SB MD124LQ*	150	94	4.0	1000	1770	33.40	3	3
27. 28	WB MD117T	150	118	4.0	1050	1695	33.40	3	3
29. 31	WB MD117L	150	118	4.0	525	1717	33.40	3	3
38. 39	EB MD 117T*	150	126	4.0	500	1667	33.40	3	3
40. 41	EB MD 117L*	150	126	4.0	50	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B115BP.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B115 BRT PM MD117 AND MD 124

RUN: S4 B115 BRT PM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.3	.4	.6	.6	.5	.5	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
5.	.1	.2	.4	.7	.6	.5	.5	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
10.	.2	.2	.3	.5	.5	.5	.6	.0	.0	.1	.2	.2	.1	.1	.2	.2	.1	.0	.0	.0
15.	.1	.1	.2	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
20.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0
25.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
30.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
35.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
40.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.2	.0
45.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
50.	.1	.1	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
55.	.1	.1	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
60.	.1	.1	.2	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.0	.0
65.	.1	.1	.2	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.2	.0	.0
70.	.1	.1	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.0	.0
75.	.1	.2	.4	.5	.5	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
80.	.0	.2	.4	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
85.	.0	.1	.5	.6	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
90.	.0	.1	.4	.7	.7	.7	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
95.	.0	.1	.3	.5	.7	.7	.6	.0	.1	.1	.1	.0	.0	.0	.4	.3	.3	.3	.3	.1
100.	.0	.0	.2	.5	.6	.6	.5	.2	.2	.2	.1	.0	.0	.0	.4	.3	.3	.4	.4	.2
105.	.0	.0	.0	.3	.5	.4	.4	.4	.5	.5	.4	.0	.0	.0	.4	.3	.4	.6	.6	.4
110.	.0	.0	.0	.3	.3	.3	.3	.6	.6	.7	.7	.1	.0	.0	.4	.3	.4	.6	.7	.4
115.	.0	.0	.0	.0	.2	.1	.1	.7	1.0	1.0	1.0	.2	.0	.0	.4	.4	.6	.7	.6	.4
120.	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.1	1.1	.3	.1	.0	.4	.4	.6	.8	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.1	1.0	.4	.2	.0	.4	.5	.6	.8	.5	.4
130.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.4	.2	.0	.5	.6	.7	.9	.5	.5
135.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.4	.2	.0	.5	.5	.7	.7	.3	.4
140.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.9	.4	.2	.1	.5	.5	.7	.5	.3	.4
145.	.0	.0	.0	.0	.0	.0	.0	.9	1.0	.9	.9	.3	.2	.1	.5	.5	.6	.4	.3	.4
150.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.5	.5	.4	.5	.4
155.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.4	.5	.3	.5	.3
160.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.9	.9	.2	.2	.1	.5	.4	.4	.2	.5	.3
165.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.4	.3	.2	.5	.3
170.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.4	.3	.2	.5	.2
175.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.2	.2	.1	.6	.4	.3	.4	.4	.2
180.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.2	.2	.1	.6	.3	.2	.5	.4	.2
185.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.8	.2	.2	.1	.5	.2	.4	.6	.3	.2
190.	.1	.1	.1	.1	.0	.0	.0	.8	.9	.9	.9	.3	.3	.2	.2	.2	.2	.4	.3	.2
195.	.1	.1	.1	.1	.1	.0	.0	.8	.9	1.0	.9	.3	.2	.2	.2	.2	.2	.4	.3	.1
200.	.1	.2	.1	.1	.1	.1	.0	.7	1.0	1.0	1.0	.3	.2	.2	.2	.2	.3	.5	.1	.1
205.	.2	.2	.2	.2	.1	.1	.0	.7	1.0	1.0	1.0	.4	.2	.2	.0	.1	.2	.4	.1	.1

1

JOB: S4 B115 BRT PM MD117 AND MD 124

RUN: S4 B115 BRT PM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.3	.2	.2	.2	.1	.1	.0	.7	1.0	1.1	1.1	.2	.2	.2	.0	.1	.2	.4	.1	.1
215.	.3	.3	.2	.2	.1	.1	.1	.8	1.0	1.1	1.2	.2	.3	.2	.0	.1	.1	.3	.1	.1
220.	.3	.3	.2	.2	.1	.1	.1	.8	1.0	1.1	1.1	.3	.3	.1	.0	.0	.1	.3	.1	.1
225.	.3	.4	.2	.2	.1	.1	.1	.8	1.0	1.1	1.1	.2	.1	.1	.0	.0	.1	.3	.1	.1
230.	.2	.3	.2	.3	.1	.1	.1	.9	1.0	1.1	1.1	.2	.2	.2	.0	.0	.0	.2	.1	.1
235.	.3	.3	.2	.3	.1	.1	.1	.9	1.1	1.1	.8	.2	.2	.2	.0	.0	.0	.2	.1	.1
240.	.3	.3	.3	.4	.1	.1	.1	.9	1.1	1.1	.7	.2	.2	.1	.0	.0	.0	.1	.1	.1
245.	.3	.2	.3	.4	.2	.1	.1	.9	1.1	.9	.7	.2	.2	.2	.0	.0	.0	.1	.1	.1
250.	.2	.2	.2	.3	.2	.1	.1	.9	1.0	.7	.7	.3	.1	.2	.0	.0	.0	.1	.1	.1
255.	.2	.1	.3	.3	.2	.1	.1	.8	.9	.7	.6	.3	.1	.2	.0	.0	.0	.1	.1	.1
260.	.2	.2	.3	.2	.2	.2	.1	.8	.9	.8	.6	.2	.1	.2	.0	.0	.0	.1	.1	.2
265.	.2	.2	.3	.2	.2	.2	.1	.8	1.0	.7	.5	.1	.1	.2	.0	.0	.0	.1	.2	.2
270.	.2	.2	.2	.2	.2	.2	.0	.8	.7	.5	.6	.1	.1	.2	.0	.0	.0	.1	.2	.2
275.	.2	.2	.3	.2	.2	.2	.0	.9	.6	.6	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
280.	.2	.2	.3	.2	.2	.1	.0	.7	.7	.4	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.2	.2	.3	.2	.3	.1	.0	.5	.5	.3	.4	.1	.1	.2	.0	.0	.0	.0	.2	.2
290.	.2	.2	.3	.3	.3	.2	.3	.2	.2	.1	.4	.1	.1	.2	.0	.0	.0	.0	.1	.1
295.	.2	.2	.3	.3	.2	.2	.3	.1	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.2	.2	.2	.3	.2	.2	.5	.1	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.2	.2	.2	.2	.2	.4	.5	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
310.	.2	.2	.3	.3	.3	.3	.6	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.2	.2	.4	.3	.3	.5	.7	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.2	.3	.4	.3	.4	.5	.7	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
325.	.1	.3	.4	.2	.5	.6	.7	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
330.	.2	.3	.3	.3	.6	.7	.7	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
335.	.2	.3	.3	.3	.6	.6	.7	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
340.	.2	.3	.0	.3	.6	.6	.6	.0	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.2	.1	.1	.3	.7	.6	.6	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.3	.1	.2	.4	.6	.5	.5	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0

1

PAGE 5

.....

WIND ANGLE RANGE: 0.-360.

1

PAGE 6

WIND ANGLE RANGE: 0.-360.

Page 3

```

360. * .0 .0 .0 .6 .5 .2 .3 .0
-----*-----
MAX * .4 .3 .8 .9 .8 .9 .8 .7
DEGR. * 115 100 95 30 80 80 50 180

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC11.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 120 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 120 DEGREES FROM REC10.

1

JOB: S4 B115 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:14:26.41

RUN: S4 B115 BRT PM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 210	REC2 225	REC3 85	REC4 5	REC5 85	REC6 85	REC7 50	REC8 120	REC9 120	REC10 120	REC11 215	REC12 125	REC13 190	REC14 330	REC15 175	REC16 130	REC17 130	REC18 130	REC19 110	REC20 120
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.0	.1	.1	.1	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.2	.2	.3	.3	.3	.5	.6	.6	.4	.2	.2	.0	.1	.2	.3	.3	.3	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
42	.0	.0	.1	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B115 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:14:26.41

RUN: S4 B115 BRT PM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 115	REC22 100	REC23 95	REC24 30	REC25 80	REC26 80	REC27 50	REC28 180
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.1	.1	.1	.0
4	.0	.0	.0	.0	.0	.2	.1	.3
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.1	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.1	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.0	.0	.0

27	*	.1	.1	.2	.0	.3	.2	.1	.0	S4B115BP.OUT
28	*	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.1	.1	.0	.1	.1	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.1	.4	.7	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.1	.0	.1	.1	.1	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	

S4B215BA.DAT

S4	B115	BRT	AM	MD117	AND	MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.				
REC 2	164'	SE CORNER	249727.	537310.	5.				
REC 3	82'	SE CORNER	249751.	537379.	5.				
REC 4		SE CORNER	249778.	537461.	5.				
REC 5	82'	ES CORNER	249841.	537465.	5.				
REC 6	164'	ES CORNER	249914.	537440.	5.				
REC 7	400'	ES CORNER	250129.	537367.	5.				
REC 8	400'	EN CORNER	250154.	537525.	5.				
REC 9	164'	EN CORNER	249923.	537602.	5.				
REC 10	82'	EN CORNER	249855.	537627.	5.				
REC 11		NE CORNER	249816.	537643.	5.				
REC 12	82'	NE CORNER	249848.	537754.	5.				
REC 13	164'	NE CORNE	249879.	537812.	5.				
REC 14	400'	NE CORNE	249927.	538052.	5.				
REC 15	400'	NW CORNE	249747.	538096.	5.				
REC 16	164'	NW CORNE	249669.	537877.	5.				
REC 17	82'	NW CORNER	249647.	537798.	5.				
REC 18		NW CORNER	249619.	537740.	5.				
REC 19	82'	WN CORNER	249516.	537732.	5.				
REC 20	164'	WN CORNE	249442.	537759.	5.				
REC 21	400'	WN CORNE	249222.	537845.	5.				
REC 22	400'	WS CORNE	249251.	537685.	5.				
REC 23	164'	WS CORNE	249460.	537602.	5.				
REC 24	82'	WS CORNER	249538.	537574.	5.				
REC 25		SW CORNER	249606.	537549.	5.				
REC 26	82'	SW CORNER	249586.	537467.	5.				
REC 27	164'	SW CORNE	249565.	537390.	5.				
REC 28	400'	SW CORNE	249508.	537163.	5.				

S4	B115	BRT	AM	117	AND	124	44	1	1

1									
1		NB	MD 124	AG249425.536620.249516.536959.	1175	3.1	0.	56.	35.
2		NB	MD 124	AG249516.536959.249590.537204.	1175	3.1	0.	56.	35.
2		NB	MD 124	TAG249590.537204.249702.537594.	800	3.1	0.	44.	35.
3		NB	MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
150			117	4.0 800 33.4 1770 3 3					
43		NB	MD 124	RAG249840.537514.249763.537522.	350	3.1	0.	32.	35.
43		NB	MD 124	RAG249763.537522.249693.537480.	350	3.1	0.	32.	35.
41		NB	MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150			117	4.0 350 33.4 1583 3 3					
43		NB	MD 124	RAG249693.537480.249644.537326.	350	3.1	0.	32.	35.
5		NB	MD 124	LAG249605.537313.249683.537596.	25	3.1	0.	32.	35.
6		NB	MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150			142	4.0 25 33.4 1770 3 3					
12		NB	MD 124	AG249702.537593.249777.537853.	1775	3.1	0.	56.	35.
13		NB	MD 124	AG249777.537853.249889.538323.	1775	3.1	0.	56.	35.
14		NB	MD 124	AG249889.538323.249950.538548.	1775	3.1	0.	56.	35.
15		SB	MD 124	AG249921.538556.249734.537927.	2500	3.1	0.	56.	35.
16		SB	MD 124	TAG249734.537927.249649.537602.	1500	3.1	0.	56.	35.
17		SB	MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150			68	4.0 1500 33.4 1770 3 3					
43		SB	MD 124	RAG249561.537685.249660.537714.	25	3.1	0.	32.	35.
41		SB	MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150			68	4.0 25 33.4 1583 3 3					
43		SB	MD 124	RAG249660.537714.249717.537914.	25	3.1	0.	32.	35.
18		SB	MD 124	LAG249762.537910.249685.537600.	975	3.1	0.	32.	35.
19		SB	MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150			95	4.0 975 33.4 1770 3 3					
24		SB	MD 124	AG249648.537602.249582.537321.	1775	3.1	0.	56.	35.
25		SB	MD 124	AG249582.537321.249459.536867.	1775	3.1	0.	56.	35.
26		SB	MD 124	AG249459.536867.249382.536635.	1775	3.1	0.	56.	35.
27		WB	MD 117	AG250637.537299.250150.537475.	2150	3.1	0.	68.	35.
29		WB	MD 117	TAG250150.537475.249688.537635.	950	3.1	0.	56.	35.
28		WB	MD117	T AG249740.537617.249931.537550.	0.	36.	3		
150			120	4.0 950 33.4 1695 3 3					
30		WB	MD 117	LAG250149.537454.249681.537607.	250	3.1	0.	32.	35.
31		WB	MD117	L AG249738.537589.249928.537525.	0.	12.	1		
150			120	4.0 250 33.4 1717 3 3					
43		WB	MD 117	RAG249745.537744.249760.537660.	950	3.1	0.	15.	35.
43		WB	MD 117	RAG249760.537660.249799.537616.	950	3.1	0.	32.	35.
43		WB	MD 117	RAG249799.537616.250052.537524.	950	3.1	0.	32.	35.
34		WB	MD 117	AG249686.537635.249116.537854.	1000	3.1	0.	56.	35.
35		WB	MD 117	AG249116.537854.248794.538054.	1000	3.1	0.	56.	35.

Page 1

S4B215BA.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1425	3.1	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	1425	3.1	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	1400	3.1	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	113	4.0 1400 33.4 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	25	3.1	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	113	4.0 25 33.4 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	2700	3.1	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	2700	3.1	0.	68.	35.		
1									
1	NB BUS	AG250038.538520.249514.536587.	23	2.2	0.	32.	26.		
1									
1.0	SB BUS	AG249461.536620.249999.538536.	30	2.2	0.	32.	26.		
0.4	1000. 0.0Y	5 0 72							

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 11:33:37.43

RUN: S4 B115 BRT AM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1175.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1175.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	800.	3.1	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249355.4	536385.5	*	1172.	196. AG	140.	100.0	.0	24.0	1.26 59.5
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	350.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	350.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	248920.2	537017.2	*	974.	239. AG	70.	100.0	.0	12.0	1.23 49.5
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	350.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249644.0	537453.7	*	65.	195. AG	85.	100.0	.0	12.0	1.09 3.3
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1775.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1775.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1775.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2500.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1500.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249714.2	537851.1	*	186.	14. AG	122.	100.0	.0	36.0	.56 9.4
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249605.9	537697.7	*	9.	73. AG	41.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	975.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250817.2	542130.8	*	4610.	14. AG	57.	100.0	.0	12.0	1.69 234.2
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1775.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1775.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1775.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2150.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	950.	3.1	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250441.5	537370.9	*	743.	109. AG	215.	100.0	.0	36.0	1.17 37.8
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	250.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249929.5	537524.5	*	202.	109. AG	72.	100.0	.0	12.0	.91 10.3
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	950.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	950.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	950.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1000.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1000.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1425.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1425.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1400.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249262.9	537743.8	*	367.	293. AG	270.	100.0	.0	48.0	1.02 18.6
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	25.	3.1	.0	44.0	
40. 41	EB MD 117L*	249626.0	537617.0	249619.0	537619.5	*	7.	290. AG	135.	100.0	.0	24.0	.03 .4
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2700.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2700.	3.1	.0	68.0	
43.	NB BUS	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	23.	2.2	.0	32.0	
44.	SB BUS	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	30.	2.2	.0	32.0	

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 11:33:37.43

RUN: S4 B115 BRT AM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	117	4.0	800	1770	33.40	3	3
7. 41	NB MD 124R*	150	117	4.0	350	1583	33.40	3	3
10. 6	NB MD124LQ*	150	142	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	68	4.0	1500	1770	33.40	3	3
18. 41	SB MD 124R*	150	68	4.0	25	1583	33.40	3	3
21. 19	SB MD124LQ*	150	95	4.0	975	1770	33.40	3	3
27. 28	WB MD117T	150	120	4.0	950	1695	33.40	3	3
29. 31	WB MD117L	150	120	4.0	250	1717	33.40	3	3
38. 39	EB MD 117T*	150	113	4.0	1400	1667	33.40	3	3
40. 41	EB MD 117L*	150	113	4.0	25	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B215BA.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.3	.3	.8	.7	.6	.5	.0	.0	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0
5.	.1	.3	.3	.6	.7	.5	.5	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0
10.	.2	.3	.3	.6	.6	.5	.5	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0
15.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0
20.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.2	.0	.0
25.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.0	.0
30.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.2	.0	.0
35.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1	.1
40.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1	.1
45.	.1	.2	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1	.1
50.	.1	.2	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.0	.1	.1
55.	.1	.1	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.1	.0	.0
60.	.1	.1	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.0	.0
65.	.1	.2	.3	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.5	.3	.4	.5	.2	.0	.0
70.	.0	.2	.3	.5	.5	.6	.6	.0	.0	.0	.0	.0	.0	.4	.3	.4	.5	.2	.0	.0
75.	.0	.2	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.2	.1	.1
80.	.0	.2	.3	.5	.6	.5	.7	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.2	.1	.1
85.	.0	.2	.2	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.1	.1	.1
90.	.0	.2	.2	.4	.7	.7	.6	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.1	.1	.1
95.	.0	.0	.2	.5	.6	.6	.5	.0	.1	.1	.1	.0	.0	.4	.3	.5	.5	.3	.2	.3
100.	.0	.0	.1	.3	.6	.5	.4	.2	.1	.1	.1	.0	.0	.4	.2	.5	.6	.3	.3	.3
105.	.0	.0	.0	.2	.3	.4	.2	.2	.3	.2	.2	.0	.0	.4	.2	.5	.6	.4	.4	.4
110.	.0	.0	.0	.2	.2	.3	.1	.3	.6	.6	.5	.0	.0	.4	.4	.6	.7	.4	.3	.3
115.	.0	.0	.0	.1	.1	.1	.6	.9	.9	.9	.9	.1	.0	.4	.5	.6	.8	.6	.4	.4
120.	.0	.0	.0	.0	.1	.1	.0	.7	.9	1.0	.8	.1	.1	.0	.4	.5	.9	.8	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.9	.9	.3	.1	.0	.4	.6	.9	1.0	.4	.4
130.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.3	.1	.0	.4	.7	1.0	.9	.4	.6
135.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	1.0	.3	.3	.0	.5	.7	.8	.7	.4	.5
140.	.0	.0	.0	.0	.0	.0	.0	.8	.9	1.0	1.1	.3	.3	.0	.5	.7	.9	.6	.5	.7
145.	.0	.0	.0	.0	.0	.0	.0	.8	.9	1.0	.9	.3	.3	.1	.5	.7	.9	.5	.5	.7
150.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.3	.3	.1	.6	.8	.7	.4	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.2	.3	.1	.6	.8	.6	.3	.7	.8
160.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.2	.2	.1	.6	.8	.6	.4	.8	.8
165.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.8	.4	.5	.8	.7
170.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.6	.5	.4	.7	.7
175.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.2	.1	.6	.4	.3	.4	.7	.7
180.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.3	.3	.1	.8	.4	.4	.5	.7	.7
185.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.3	.3	.1	.6	.3	.5	.6	.7	.7
190.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	1.0	.4	.4	.1	.5	.4	.3	.6	.7	.6
195.	.1	.1	.1	.1	.0	.0	.0	.6	.9	1.0	1.0	.4	.4	.2	.5	.3	.2	.5	.6	.6
200.	.1	.1	.1	.1	.1	.0	.0	.6	1.0	1.0	1.0	.4	.3	.2	.4	.2	.3	.6	.5	.5
205.	.1	.2	.2	.2	.1	.1	.0	.6	1.0	1.0	1.0	.4	.3	.1	.2	.2	.2	.5	.6	.5

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.2	.2	.2	.1	.1	.0	.7	1.0	1.1	1.0	.3	.2	.1	.1	.2	.2	.5	.6	.5
215.	.2	.3	.3	.3	.1	.1	.0	.7	1.0	1.1	1.0	.4	.2	.3	.1	.2	.2	.5	.6	.6
220.	.2	.3	.3	.3	.1	.1	.0	.8	1.0	1.2	1.0	.4	.3	.3	.1	.2	.2	.5	.6	.6
225.	.2	.3	.3	.3	.1	.1	.1	.8	1.0	1.1	1.1	.3	.1	.4	.1	.2	.2	.5	.6	.6
230.	.3	.3	.3	.2	.1	.1	.1	.8	1.1	1.1	1.1	.2	.2	.3	.1	.2	.2	.5	.6	.6
235.	.3	.3	.3	.3	.1	.1	.1	.8	1.1	1.1	1.0	.2	.3	.3	.1	.2	.2	.5	.6	.6
240.	.3	.3	.3	.3	.2	.1	.1	.8	1.1	1.2	.9	.2	.3	.3	.0	.2	.2	.5	.6	.6
245.	.3	.3	.2	.4	.2	.1	.1	.8	1.1	1.0	.7	.4	.4	.3	.0	.1	.2	.4	.5	.6
250.	.3	.3	.3	.4	.2	.2	.1	.8	1.1	1.0	.8	.4	.4	.2	.0	.1	.2	.4	.5	.6
255.	.4	.3	.3	.4	.2	.2	.1	.9	.9	.8	.6	.5	.4	.2	.0	.1	.2	.4	.6	.6
260.	.4	.4	.3	.4	.2	.2	.1	.8	1.0	.8	.8	.5	.3	.2	.0	.1	.2	.4	.6	.5
265.	.4	.3	.4	.4	.2	.2	.1	.8	1.0	.6	.7	.5	.3	.2	.0	.0	.1	.4	.6	.5
270.	.3	.3	.4	.3	.2	.2	.1	.8	.9	.6	.6	.4	.3	.2	.0	.0	.1	.3	.5	.4
275.	.4	.3	.4	.3	.2	.2	.0	.8	.7	.6	.6	.4	.2	.2	.0	.0	.0	.3	.6	.3
280.	.4	.3	.4	.4	.3	.3	.0	.7	.7	.5	.7	.3	.2	.2	.0	.0	.0	.2	.4	.3
285.	.4	.4	.4	.4	.4	.2	.3	.5	.4	.6	.7	.3	.2	.2	.0	.0	.0	.1	.2	.2
290.	.4	.4	.4	.5	.4	.3	.4	.3	.3	.3	.5	.3	.0	.2	.0	.0	.0	.0	.2	.1
295.	.4	.3	.5	.5	.3	.4	.4	.1	.3	.3	.4	.3	.0	.2	.0	.0	.0	.0	.1	.1
300.	.3	.3	.4	.7	.4	.4	.6	.1	.1	.2	.3	.3	.1	.2	.0	.0	.0	.0	.1	.1
305.	.3	.4	.5	.7	.4	.4	.6	.0	.1	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
310.	.3	.4	.5	.5	.3	.4	.6	.0	.1	.2	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.3	.5	.5	.4	.4	.5	.5	.0	.1	.2	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0
320.	.3	.5	.5	.3	.3	.5	.5	.0	.0	.2	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0
325.	.4	.5	.5	.3	.5	.6	.5	.0	.0	.2	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0
330.	.4	.5	.3	.3	.7	.6	.5	.0	.0	.2	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0
335.	.4	.3	.4	.6	.7	.6	.5	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.3	.3	.2	.5	.7	.6	.5	.0	.1	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.3	.2	.3	.5	.6	.6	.5	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.3	.1	.2	.6	.6	.6	.5	.0	.1	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0

1

PAGE 5

.....

WIND ANGLE RANGE: 0.-360.

1

PAGE 6

WIND ANGLE RANGE: 0.-360.

Page 3

```

360. * .0 .2 .7 .7 .4 .4 .5 .2
-----*-----
MAX * .7 .9 .9 1.1 1.0 1.0 .9 .6
DEGR. * 125 95 90 30 320 90 50 30

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 220 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 140 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 230 DEGREES FROM REC9 .

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 11:33:37.43

RUN: S4 B115 BRT AM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 255	REC2 315	REC3 295	REC4 0	REC5 0	REC6 90	REC7 75	REC8 255	REC9 230	REC10 220	REC11 140	REC12 255	REC13 190	REC14 225	REC15 180	REC16 155	REC17 130	REC18 125	REC19 160	REC20 155
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.3	.2	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
22	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.2	.3	.3	.3	.5	.5	.5	.6	.2	.0	.0	.1	.1	.3	.3	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	.5
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.2	.2	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 11:33:37.43

RUN: S4 B115 BRT AM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 125	REC22 95	REC23 90	REC24 30	REC25 320	REC26 90	REC27 50	REC28 30
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.2	.2	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.2	.2	.1
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0

27	*	.1	.1	.2	.0	.0	.2	.1	.1	S4B215BA.OUT
28	*	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.0	.0	.0	.1	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.1	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.1	.1	.1	.0	.0	.0	
38	*	.4	.6	.5	.6	.8	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.1	.0	.0	.1	.1	.0	
42	*	.0	.0	.0	.0	.0	.1	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	

S4B215BP.DAT

S4	B115	BRT	AM	MD117	AND	MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.				
REC 2	164'	SE CORNER	249727.	537310.	5.				
REC 3	82'	SE CORNER	249751.	537379.	5.				
REC 4		SE CORNER	249778.	537461.	5.				
REC 5	82'	ES CORNER	249841.	537465.	5.				
REC 6	164'	ES CORNER	249914.	537440.	5.				
REC 7	400'	ES CORNER	250129.	537367.	5.				
REC 8	400'	EN CORNER	250154.	537525.	5.				
REC 9	164'	EN CORNER	249923.	537602.	5.				
REC 10	82'	EN CORNER	249855.	537627.	5.				
REC 11		NE CORNER	249816.	537643.	5.				
REC 12	82'	NE CORNER	249848.	537754.	5.				
REC 13	164'	NE CORNE	249879.	537812.	5.				
REC 14	400'	NE CORNE	249927.	538052.	5.				
REC 15	400'	NW CORNE	249747.	538096.	5.				
REC 16	164'	NW CORNE	249669.	537877.	5.				
REC 17	82'	NW CORNER	249647.	537798.	5.				
REC 18		NW CORNER	249619.	537740.	5.				
REC 19	82'	WN CORNER	249516.	537732.	5.				
REC 20	164'	WN CORNE	249442.	537759.	5.				
REC 21	400'	WN CORNE	249222.	537845.	5.				
REC 22	400'	WS CORNE	249251.	537685.	5.				
REC 23	164'	WS CORNE	249460.	537602.	5.				
REC 24	82'	WS CORNER	249538.	537574.	5.				
REC 25		SW CORNER	249606.	537549.	5.				
REC 26	82'	SW CORNER	249586.	537467.	5.				
REC 27	164'	SW CORNE	249565.	537390.	5.				
REC 28	400'	SW CORNE	249508.	537163.	5.				

S4	B115	BRT	AM	117	AND	124	44	1	1

1									
1		NB	MD 124	AG249425.536620.249516.536959.	1650	3.1	0.	56.	35.
2		NB	MD 124	AG249516.536959.249590.537204.	1650	3.1	0.	56.	35.
1									
2		NB	MD 124	TAG249590.537204.249702.537594.	1200	3.1	0.	44.	35.
2									
3		NB	MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
150		106		4.0 1200 33.4 1770 3 3					
1									
43		NB	MD 124	RAG249840.537514.249763.537522.	425	3.1	0.	32.	35.
1									
43		NB	MD 124	RAG249763.537522.249693.537480.	425	3.1	0.	32.	35.
2									
41		NB	MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150		106		4.0 425 33.4 1583 3 3					
1									
43		NB	MD 124	RAG249693.537480.249644.537326.	425	3.1	0.	32.	35.
1									
5		NB	MD 124	LAG249605.537313.249683.537596.	25	3.1	0.	32.	35.
2									
6		NB	MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150		140		4.0 25 33.4 1770 3 3					
1									
12		NB	MD 124	AG249702.537593.249777.537853.	2350	3.1	0.	56.	35.
1									
13		NB	MD 124	AG249777.537853.249889.538323.	2350	3.1	0.	56.	35.
1									
14		NB	MD 124	AG249889.538323.249950.538548.	2350	3.1	0.	56.	35.
1									
15		SB	MD 124	AG249921.538556.249734.537927.	1825	3.1	0.	56.	35.
1									
16		SB	MD 124	TAG249734.537927.249649.537602.	800	3.1	0.	56.	35.
2									
17		SB	MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150		57		4.0 800 33.4 1770 3 3					
1									
43		SB	MD 124	RAG249561.537685.249660.537714.	50	3.1	0.	32.	35.
2									
41		SB	MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150		57		4.0 50 33.4 1583 3 3					
1									
43		SB	MD 124	RAG249660.537714.249717.537914.	50	3.1	0.	32.	35.
1									
18		SB	MD 124	LAG249762.537910.249685.537600.	975	3.1	0.	32.	35.
2									
19		SB	MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150		95		4.0 975 33.4 1770 3 3					
1									
24		SB	MD 124	AG249648.537602.249582.537321.	1275	3.1	0.	56.	35.
1									
25		SB	MD 124	AG249582.537321.249459.536867.	1275	3.1	0.	56.	35.
1									
26		SB	MD 124	AG249459.536867.249382.536635.	1275	3.1	0.	56.	35.
1									
27		WB	MD 117	AG250637.537299.250150.537475.	2675	3.1	0.	68.	35.
1									
29		WB	MD 117	TAG250150.537475.249688.537635.	1050	3.1	0.	56.	35.
2									
28		WB	MD117	T AG249740.537617.249931.537550.	0.	36.	3		
150		118		4.0 1050 33.4 1695 3 3					
1									
30		WB	MD 117	LAG250149.537454.249681.537607.	525	3.1	0.	32.	35.
2									
31		WB	MD117	L AG249738.537589.249928.537525.	0.	12.	1		
150		118		4.0 525 33.4 1717 3 3					
1									
43		WB	MD 117	RAG249745.537744.249760.537660.	1100	3.1	0.	15.	35.
1									
43		WB	MD 117	RAG249760.537660.249799.537616.	1100	3.1	0.	32.	35.
1									
43		WB	MD 117	RAG249799.537616.250052.537524.	1100	3.1	0.	32.	35.
1									
34		WB	MD 117	AG249686.537635.249116.537854.	1350	3.1	0.	56.	35.
1									
35		WB	MD 117	AG249116.537854.248794.538054.	1350	3.1	0.	56.	35.

Page 1

S4B215BP.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1425	3.1	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	550	3.1	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	500	3.1	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	126	4.0 500 33.4 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	50	3.1	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	126	4.0 50 33.4 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	1875	3.1	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	1875	3.1	0.	68.	35.		
1									
1	NB BUS	AG250038.538520.249514.536587.	12	2.2	0.	32.	26.		
1									
1.0	SB BUS	AG249461.536620.249999.538536.	12	2.2	0.	32.	26.		
0.4	1000. 0.0Y	5 0 72							

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:19:45.41

RUN: S4 B115 BRT AM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1650.	3.1	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1650.	3.1	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1200.	3.1	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249132.6	535607.4	*	1981.	196. AG	127.	100.0	.0	24.0	1.34 100.6
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	425.	3.1	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	425.	3.1	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249253.8	537217.0	*	585.	239. AG	63.	100.0	.0	12.0	1.06 29.7
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	425.	3.1	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	3.1	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249655.7	537496.6	*	20.	195. AG	84.	100.0	.0	12.0	.53 1.0
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2350.	3.1	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2350.	3.1	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2350.	3.1	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	1825.	3.1	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	800.	3.1	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249688.6	537751.3	*	83.	14. AG	102.	100.0	.0	36.0	.26 4.2
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	50.	3.1	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249611.9	537699.5	*	16.	73. AG	34.	100.0	.0	12.0	.05 .8
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	50.	3.1	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	975.	3.1	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250817.2	542130.8	*	4610.	14. AG	57.	100.0	.0	12.0	1.69 234.2
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1275.	3.1	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1275.	3.1	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1275.	3.1	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2675.	3.1	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1050.	3.1	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250576.1	537323.7	*	886.	109. AG	211.	100.0	.0	36.0	1.19 45.0
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	525.	3.1	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	252325.9	536717.6	*	2731.	109. AG	70.	100.0	.0	12.0	1.77 138.7
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1100.	3.1	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1100.	3.1	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1100.	3.1	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1350.	3.1	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1350.	3.1	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1425.	3.1	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	550.	3.1	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	500.	3.1	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249520.5	537633.1	*	86.	293. AG	301.	100.0	.0	48.0	.63 4.4
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	3.1	.0	44.0	
40. 41	EB MD 117L*	249626.0	537617.0	249609.8	537622.8	*	17.	290. AG	151.	100.0	.0	24.0	.12 .9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	1875.	3.1	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	1875.	3.1	.0	68.0	
43.	NB BUS	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	12.	2.2	.0	32.0	
44.	SB BUS	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	12.	2.2	.0	32.0	

JOB: S4 B115 BRT AM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:19:45.41

RUN: S4 B115 BRT AM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	106	4.0	1200	1770	33.40	3	3
7. 41	NB MD 124R*	150	106	4.0	425	1583	33.40	3	3
10. 6	NB MD124LQ*	150	140	4.0	25	1770	33.40	3	3
16. 17	SB MD124TQ*	150	57	4.0	800	1770	33.40	3	3
18. 41	SB MD 124R*	150	57	4.0	50	1583	33.40	3	3
21. 19	SB MD124LQ*	150	95	4.0	975	1770	33.40	3	3
27. 28	WB MD117T	150	118	4.0	1050	1695	33.40	3	3
29. 31	WB MD117L	150	118	4.0	525	1717	33.40	3	3
38. 39	EB MD 117T*	150	126	4.0	500	1667	33.40	3	3
40. 41	EB MD 117L*	150	126	4.0	50	1717	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B215BP.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.3	.4	.6	.6	.5	.5	.0	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0
5.	.1	.2	.4	.7	.6	.5	.5	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
10.	.2	.2	.3	.5	.5	.5	.6	.0	.0	.1	.2	.2	.1	.1	.2	.2	.1	.0	.0	.0
15.	.1	.1	.2	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
20.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0
25.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
30.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.2	.0
35.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
40.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.2	.0
45.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
50.	.1	.1	.3	.4	.5	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
55.	.1	.1	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
60.	.1	.1	.2	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.0	.0
65.	.1	.1	.2	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.0	.0
70.	.1	.1	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0
75.	.1	.2	.4	.5	.5	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
80.	.0	.2	.4	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
85.	.0	.1	.5	.6	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0
90.	.0	.1	.4	.7	.7	.7	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0
95.	.0	.1	.3	.5	.7	.7	.6	.0	.1	.1	.1	.0	.0	.0	.4	.3	.3	.4	.3	.2
100.	.0	.0	.2	.5	.6	.6	.5	.2	.2	.2	.1	.0	.0	.0	.4	.3	.3	.6	.4	.2
105.	.0	.0	.0	.3	.5	.4	.4	.4	.5	.5	.4	.0	.0	.0	.4	.3	.4	.7	.6	.4
110.	.0	.0	.0	.3	.3	.3	.3	.6	.6	.7	.7	.1	.0	.0	.4	.3	.4	.8	.7	.4
115.	.0	.0	.0	.0	.2	.1	.1	.7	1.0	1.0	1.0	.2	.0	.0	.4	.4	.6	.8	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.1	1.1	.3	.1	.0	.4	.4	.6	.9	.6	.6
125.	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.1	1.0	.4	.2	.0	.4	.5	.6	.9	.6	.4
130.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.4	.2	.0	.5	.6	.8	1.0	.5	.5
135.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.4	.2	.0	.5	.5	.7	.8	.4	.4
140.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.9	.4	.2	.1	.5	.5	.7	.6	.4	.4
145.	.0	.0	.0	.0	.0	.0	.0	.9	1.0	.9	.9	.3	.2	.1	.5	.5	.6	.5	.4	.5
150.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.5	.5	.6	.6	.5
155.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.4	.6	.3	.6	.4
160.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.9	.9	.2	.2	.1	.5	.4	.5	.2	.5	.3
165.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.5	.4	.2	.5	.3
170.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.4	.3	.2	.5	.2
175.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.2	.2	.1	.6	.4	.3	.4	.4	.2
180.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.9	.2	.2	.1	.6	.3	.2	.5	.4	.2
185.	.0	.0	.0	.0	.0	.0	.0	.7	.9	.9	.8	.2	.2	.1	.5	.2	.4	.6	.3	.2
190.	.1	.1	.1	.1	.0	.0	.0	.8	.9	.9	.9	.3	.3	.2	.2	.3	.2	.4	.3	.2
195.	.1	.1	.1	.1	.1	.0	.0	.8	.9	1.0	.9	.3	.2	.2	.2	.2	.2	.4	.3	.1
200.	.1	.1	.1	.1	.1	.1	.0	.7	1.0	1.0	1.0	.3	.2	.2	.2	.2	.4	.5	.1	.1
205.	.2	.2	.2	.2	.1	.1	.0	.7	1.0	1.0	1.0	.4	.2	.2	.0	.1	.3	.4	.1	.1

1

JOB: S4 B115 BRT AM MD117 AND MD 124

RUN: S4 B115 BRT AM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.3	.2	.2	.2	.1	.1	.0	.7	1.0	1.1	1.1	.2	.2	.2	.0	.1	.3	.4	.1	.1
215.	.3	.3	.2	.2	.1	.1	.1	.8	1.0	1.1	1.2	.2	.3	.2	.0	.1	.2	.3	.1	.1
220.	.3	.3	.2	.2	.1	.1	.1	.8	1.0	1.1	1.1	.3	.3	.1	.0	.0	.1	.3	.1	.1
225.	.3	.4	.2	.2	.1	.1	.1	.8	1.0	1.1	1.1	.2	.1	.2	.0	.0	.2	.3	.1	.1
230.	.2	.3	.2	.3	.1	.1	.1	.9	1.0	1.1	1.1	.2	.2	.2	.0	.0	.1	.2	.1	.1
235.	.3	.3	.2	.3	.1	.1	.1	.9	1.1	1.1	.8	.2	.2	.2	.0	.0	.1	.2	.1	.1
240.	.3	.3	.3	.4	.1	.1	.1	.9	1.1	1.1	.7	.2	.2	.1	.0	.0	.1	.1	.1	.1
245.	.3	.2	.3	.3	.1	.1	.1	.9	1.1	.9	.7	.3	.2	.2	.0	.0	.1	.1	.2	.2
250.	.2	.2	.2	.3	.2	.1	.1	.9	1.0	.7	.7	.3	.1	.2	.0	.0	.1	.1	.2	.2
255.	.2	.1	.2	.3	.2	.1	.1	.8	.9	.7	.6	.3	.1	.2	.0	.0	.1	.1	.2	.2
260.	.2	.2	.3	.2	.2	.1	.1	.8	.9	.8	.6	.2	.1	.2	.0	.0	.1	.1	.2	.2
265.	.2	.2	.3	.2	.2	.2	.1	.8	1.0	.7	.6	.2	.1	.2	.0	.0	.1	.1	.2	.2
270.	.2	.2	.2	.2	.2	.2	.0	.8	.7	.5	.6	.1	.1	.2	.0	.0	.0	.1	.2	.2
275.	.2	.2	.3	.2	.2	.2	.0	.9	.6	.6	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
280.	.2	.2	.3	.2	.2	.1	.0	.7	.8	.4	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.2	.2	.3	.2	.3	.1	.0	.5	.6	.3	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
290.	.2	.2	.3	.3	.3	.2	.3	.2	.2	.3	.4	.1	.1	.2	.0	.0	.0	.0	.2	.2
295.	.2	.2	.3	.3	.2	.2	.3	.1	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.2	.2	.2	.3	.2	.2	.5	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.2	.2	.2	.2	.3	.4	.5	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
310.	.2	.2	.3	.4	.3	.3	.6	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.2	.2	.4	.4	.3	.5	.7	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.2	.3	.4	.3	.4	.5	.7	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
325.	.1	.3	.4	.2	.5	.6	.7	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0
330.	.2	.3	.3	.3	.6	.7	.7	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
335.	.2	.3	.3	.3	.6	.6	.7	.0	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0
340.	.2	.3	.0	.3	.6	.6	.6	.0	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
345.	.2	.1	.1	.3	.7	.5	.6	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.3	.1	.2	.4	.6	.5	.5	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0

1

RUN: S4 B115 BRT AM 117 AND 124

PAGE 5

.....

WIND ANGLE RANGE: 0.-360.

1

RUN: S4 B115 BRT AM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

Page 3

```

360. * .0 .1 .1 .7 .5 .2 .3 .0
-----*-----
MAX * .4 .3 .8 1.1 .8 .9 .8 .7
DEGR. * 115 90 95 40 20 80 50 180

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC11.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 120 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 120 DEGREES FROM REC10.

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:19:45.41

RUN: S4 B115 BRT AM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 210	REC2 225	REC3 85	REC4 5	REC5 85	REC6 85	REC7 55	REC8 120	REC9 120	REC10 120	REC11 215	REC12 125	REC13 0	REC14 330	REC15 175	REC16 130	REC17 130	REC18 130	REC19 110	REC20 120
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.0	.1	.1	.1	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.2	.2	.3	.3	.3	.5	.6	.6	.4	.2	.0	.0	.1	.2	.3	.3	.3	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
42	.0	.0	.1	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B115 BRT AM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:19:45.41

RUN: S4 B115 BRT AM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 115	REC22 90	REC23 95	REC24 40	REC25 20	REC26 80	REC27 50	REC28 180
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.1	.1	.0
4	.0	.0	.0	.0	.0	.2	.1	.3
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0
16	.0	.0	.0	.1	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.1	.0	.0	.0
22	.0	.0	.0	.0	.1	.1	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0

27	*	.1	.1	.2	.0	.0	.2	.1	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.1	.0	.0	.1	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.2	.1	.0	.1	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.1	.1	.4	.7	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.1	.0	.0	.0
41	*	.0	.0	.1	.0	.0	.1	.1	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0

S4B215BP.OUT

S4NB30BA.DAT

S4 NB30 MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 NB30 117 AND 124	42	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1225	2.7	0.	56.	35.
2	NB MD 124	AG249516.536959.249590.537204.	1225	2.7	0.	56.	35.
2	NB MD 124	TAG249590.537204.249702.537594.	875	2.7	0.	56.	35.
3	NB MD124	TQAG249678.537512.249625.537327.	0.	36.		3	
150	115	4.0 875 29.1 1770 3 3					
43	NB MD 124	RAG249840.537514.249763.537522.	325	2.7	0.	32.	35.
43	NB MD 124	RAG249763.537522.249693.537480.	325	2.7	0.	32.	35.
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.		1	
150	115	4.0 325 29.1 1583 3 3					
43	NB MD 124	RAG249693.537480.249644.537326.	325	2.7	0.	32.	35.
5	NB MD 124	LAG249605.537313.249683.537596.	25	2.7	0.	32.	35.
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.		1	
150	142	4.0 25 29.1 1770 3 3					
12	NB MD 124	AG249702.537593.249777.537853.	1875	2.7	0.	56.	35.
13	NB MD 124	AG249777.537853.249889.538323.	1875	2.7	0.	56.	35.
14	NB MD 124	AG249889.538323.249950.538548.	1875	2.7	0.	56.	35.
15	SB MD 124	AG249921.538556.249734.537927.	2800	2.7	0.	56.	35.
16	SB MD 124	TAG249734.537927.249649.537602.	1800	2.7	0.	56.	35.
17	SB MD124	TQAG249668.537671.249707.537823.	0.	36.		3	
150	72	4.0 1800 29.1 1770 3 3					
43	SB MD 124	RAG249561.537685.249660.537714.	25	2.7	0.	32.	35.
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.		1	
150	72	4.0 25 29.1 1583 3 3					
43	SB MD 124	RAG249660.537714.249717.537914.	25	2.7	0.	32.	35.
18	SB MD 124	LAG249762.537910.249685.537600.	975	2.7	0.	32.	35.
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.		1	
150	101	4.0 975 29.1 1770 3 3					
24	SB MD 124	AG249648.537602.249582.537321.	2050	2.7	0.	56.	35.
25	SB MD 124	AG249582.537321.249459.536867.	2050	2.7	0.	56.	35.
26	SB MD 124	AG249459.536867.249382.536635.	2050	2.7	0.	56.	35.
27	WB MD 117	AG250637.537299.250150.537475.	2400	2.7	0.	68.	35.
29	WB MD 117	TAG250150.537475.249688.537635.	1225	2.7	0.	56.	35.
28	WB MD117	TAG249740.537617.249931.537550.	0.	36.		3	
150	117	4.0 1225 29.1 1695 3 3					
30	WB MD 117	LAG250149.537454.249681.537607.	225	2.7	0.	32.	35.
31	WB MD117	L AG249738.537589.249928.537525.	0.	12.		1	
150	117	4.0 225 29.1 1717 3 3					
43	WB MD 117	RAG249745.537744.249760.537660.	950	2.7	0.	15.	35.
43	WB MD 117	RAG249760.537660.249799.537616.	950	2.7	0.	32.	35.
43	WB MD 117	RAG249799.537616.250052.537524.	950	2.7	0.	32.	35.
34	WB MD 117	AG249686.537635.249116.537854.	1475	2.7	0.	56.	35.
35	WB MD 117	AG249116.537854.248794.538054.	1475	2.7	0.	56.	35.

S4NB30BA.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1600	2.7	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	1600	2.7	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	1550	2.7	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	112	4.0 1550 29.1 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	50	2.7	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	112	4.0 50 29.1 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	2825	2.7	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	2825	2.7	0.	68.	35.		
1.0	0.4 1000. 0.0Y 5 0 72								

JOB: S4 NB30 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:02:35.80

RUN: S4 NB30 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1225.	2.7	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1225.	2.7	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	875.	2.7	.0	56.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249621.9	537316.0	*	204.	196. AG	180.	100.0	.0	36.0	.85 10.4
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	325.	2.7	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	325.	2.7	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249343.0	537270.4	*	482.	239. AG	60.	100.0	.0	12.0	1.06 24.5
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	325.	2.7	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249644.0	537453.7	*	65.	195. AG	74.	100.0	.0	12.0	1.09 3.3
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1875.	2.7	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1875.	2.7	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1875.	2.7	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2800.	2.7	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1800.	2.7	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249726.7	537899.8	*	236.	14. AG	112.	100.0	.0	36.0	.71 12.0
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	2.7	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249606.4	537697.9	*	10.	73. AG	37.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	2.7	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	975.	2.7	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250997.7	542852.6	*	5355.	14. AG	53.	100.0	.0	12.0	1.92 272.0
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	2050.	2.7	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	2050.	2.7	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	2050.	2.7	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2400.	2.7	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1225.	2.7	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	251049.9	537157.5	*	1388.	109. AG	183.	100.0	.0	36.0	1.34 70.5
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	225.	2.7	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249877.5	537542.0	*	147.	109. AG	61.	100.0	.0	12.0	.73 7.5
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	950.	2.7	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	950.	2.7	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	950.	2.7	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1475.	2.7	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1475.	2.7	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1600.	2.7	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1600.	2.7	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1550.	2.7	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249001.3	537856.2	*	652.	293. AG	233.	100.0	.0	48.0	1.09 33.1
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	2.7	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249611.6	537622.2	*	15.	290. AG	117.	100.0	.0	24.0	.07 .8
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2825.	2.7	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2825.	2.7	.0	68.0	

JOB: S4 NB30 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:02:35.80

RUN: S4 NB30 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	115	4.0	875	1770	29.10	3	3
7. 41	NB MD 124R*	150	115	4.0	325	1583	29.10	3	3
10. 6	NB MD124LQ*	150	142	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	72	4.0	1800	1770	29.10	3	3
18. 41	SB MD 124R*	150	72	4.0	25	1583	29.10	3	3
21. 19	SB MD124LQ*	150	101	4.0	975	1770	29.10	3	3
27. 28	WB MD117T	150	117	4.0	1225	1695	29.10	3	3
29. 31	WB MD117L	150	117	4.0	225	1717	29.10	3	3
38. 39	EB MD 117T*	150	112	4.0	1550	1667	29.10	3	3
40. 41	EB MD 117L	150	112	4.0	50	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*
20. REC 20 164' WN CORNE	*	249442.0	537759.0	5.0	*
21. REC 21 400' WN CORNE	*	249222.0	537845.0	5.0	*

22. REC 22 400' WS CORNE * 249251.0 537685.0 5.0 *
 23. REC 23 164' WS CORNE * 249460.0 537602.0 5.0 *
 24. REC 24 82' WS CORNER * 249538.0 537574.0 5.0 *
 25. REC 25 SW CORNER * 249606.0 537549.0 5.0 *
 26. REC 26 82' SW CORNER * 249586.0 537467.0 5.0 *
 27. REC 27 164' SW CORNE * 249565.0 537390.0 5.0 *
 28. REC 28 400' SW CORNE * 249508.0 537163.0 5.0 *

S4NB30BA.OUT

1

JOB: S4 NB30 MD117 AND MD 124

RUN: S4 NB30 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.1	.3	.4	.6	.4	.4	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
5.	.1	.3	.3	.4	.6	.4	.4	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0
10.	.1	.3	.3	.5	.5	.4	.4	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.0	.0
15.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0
20.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0
25.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.1	.0
30.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.0
35.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.1	.1
40.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.6	.1	.1
45.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.6	.5	.1	.1
50.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.1	.1
55.	.1	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.1	.0
60.	.1	.1	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.1	.0
65.	.1	.2	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.2	.0
70.	.1	.2	.3	.3	.5	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.2	.1
75.	.1	.2	.3	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.2	.1
80.	.1	.2	.3	.4	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.1
85.	.1	.2	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.1
90.	.0	.2	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.1
95.	.0	.1	.2	.4	.7	.6	.6	.1	.1	.1	.1	.0	.0	.0	.4	.5	.5	.4	.3	.2
100.	.0	.1	.2	.3	.6	.5	.5	.2	.2	.2	.2	.0	.0	.0	.4	.4	.5	.5	.4	.3
105.	.0	.0	.1	.3	.3	.5	.4	.3	.4	.3	.3	.0	.0	.0	.4	.4	.6	.6	.5	.4
110.	.0	.0	.0	.2	.2	.2	.2	.4	.6	.6	.5	.1	.0	.0	.4	.5	.6	.6	.6	.3
115.	.0	.0	.0	.1	.2	.2	.2	.7	.8	.9	.9	.1	.1	.0	.4	.6	.7	.7	.5	.4
120.	.0	.0	.0	.0	.0	.1	.0	.8	.9	.9	.8	.2	.1	.0	.4	.6	.7	.9	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.8	.8	.3	.1	.0	.5	.7	.8	1.0	.5	.5
130.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.3	.2	.1	.5	.7	.7	.8	.5	.6
135.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.3	.3	.1	.5	.7	.7	.8	.5	.7
140.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.3	.3	.1	.5	.7	.8	.5	.5	.7
145.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.8	.3	.3	.1	.5	.8	.7	.4	.6	.8
150.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.7	.3	.3	.1	.5	.7	.6	.5	.7	.8
155.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.7	.2	.2	.1	.6	.7	.6	.4	.7	.7
160.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.7	.8	.2	.1	.1	.6	.7	.6	.4	.7	.7
165.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.6	.6	.5	.4	.7	.6
170.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.6	.5	.4	.4	.7	.6
175.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.8	.3	.1	.1	.7	.4	.3	.4	.6	.6
180.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.8	.3	.1	.1	.6	.4	.4	.4	.6	.6
185.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.8	.3	.2	.1	.5	.3	.5	.5	.6	.6
190.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.8	.3	.2	.1	.4	.4	.3	.6	.6	.6
195.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.8	.3	.2	.1	.3	.2	.1	.4	.6	.6
200.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.9	.4	.3	.1	.3	.1	.1	.4	.6	.5
205.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.8	.3	.2	.0	.2	.1	.2	.4	.6	.5

1

JOB: S4 NB30 MD117 AND MD 124

RUN: S4 NB30 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.2	.0	.1	.1	.2	.5	.6	.5
215.	.0	.1	.1	.2	.0	.0	.0	.6	.7	.9	.9	.3	.2	.1	.1	.2	.2	.5	.6	.6
220.	.0	.1	.1	.2	.0	.0	.0	.6	.8	1.0	.9	.2	.3	.3	.1	.2	.2	.5	.6	.6
225.	.0	.1	.1	.2	.0	.0	.0	.6	.8	1.0	1.1	.2	.1	.3	.1	.2	.2	.5	.6	.6
230.	.1	.1	.1	.2	.1	.0	.0	.6	.9	1.0	1.0	.1	.2	.3	.1	.2	.2	.5	.6	.6
235.	.1	.1	.2	.2	.1	.0	.0	.6	1.0	1.1	.9	.2	.3	.2	.1	.2	.2	.5	.6	.6
240.	.1	.1	.2	.2	.1	.0	.0	.6	1.0	1.1	.7	.2	.3	.3	.1	.2	.3	.4	.6	.6
245.	.1	.1	.1	.4	.1	.1	.0	.6	1.0	.9	.8	.3	.4	.3	.1	.2	.3	.4	.5	.6
250.	.1	.1	.2	.4	.3	.1	.0	.6	.9	.7	.6	.5	.5	.3	.1	.2	.3	.4	.6	.7
255.	.1	.1	.2	.4	.3	.1	.0	.9	.9	.8	.6	.5	.5	.3	.0	.2	.3	.4	.7	.7
260.	.1	.1	.2	.4	.3	.1	.0	.9	.9	.5	.6	.5	.5	.3	.0	.1	.3	.4	.7	.7
265.	.1	.1	.4	.4	.3	.1	.0	.7	.8	.6	.6	.5	.3	.2	.0	.1	.3	.4	.7	.7
270.	.1	.1	.4	.4	.2	.1	.1	.8	.8	.6	.8	.5	.4	.2	.0	.1	.2	.4	.7	.7
275.	.1	.1	.4	.4	.2	.1	.1	.7	.7	.8	.7	.4	.4	.2	.0	.1	.1	.4	.6	.6
280.	.1	.2	.4	.5	.3	.2	.2	.7	.6	.5	.8	.4	.4	.2	.0	.0	.1	.3	.5	.5
285.	.1	.3	.4	.5	.5	.3	.2	.5	.5	.6	.7	.4	.1	.2	.0	.0	.1	.2	.5	.5
290.	.1	.3	.5	.6	.4	.4	.4	.4	.2	.5	.6	.3	.1	.2	.0	.0	.0	.1	.4	.4
295.	.1	.3	.5	.6	.4	.3	.4	.2	.3	.3	.4	.3	.1	.2	.0	.0	.0	.0	.2	.2
300.	.1	.4	.6	.7	.4	.4	.4	.1	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.2	.2
305.	.1	.4	.6	.8	.4	.4	.6	.0	.1	.2	.3	.3	.1	.2	.0	.0	.0	.0	.1	.1
310.	.1	.5	.5	.6	.3	.4	.5	.0	.1	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
315.	.2	.5	.5	.5	.4	.4	.6	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
320.	.2	.5	.5	.3	.3	.5	.6	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
325.	.2	.5	.5	.3	.4	.6	.6	.0	.0	.2	.3	.0	.2	.2	.0	.0	.0	.0	.0	.0
330.	.2	.5	.2	.2	.6	.5	.6	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
335.	.2	.4	.2	.2	.7	.4	.6	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0
340.	.2	.4	.2	.5	.6	.4	.4	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0
345.	.2	.3	.2	.5	.6	.4	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
350.	.2	.1	.2	.5	.5	.4	.4	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
355.	.2	.1	.3	.5	.5	.4	.4	.0	.0	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	.1	.1	.3	.4	.6	.4	.4	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0

```

-----*-----
MAX * .2 .5 .6 .8 .7 .6 .7 .9 1.0 1.1 1.1 .5 .5 .3 .7 .8 .8 1.0 .7 .8
DEGR * 315 310 300 305 95 70 85 255 235 235 225 250 250 220 175 145 125 125 155 145

```

1

JOB: S4 NB30 MD117 AND MD 124

RUN: S4 NB30 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
0. * .0 .7 .7 .8 .4 .4 .5 .2
5. * .0 .7 .7 .8 .7 .3 .4 .2
10. * .0 .7 .7 .7 .7 .6 .4 .2
15. * .0 .7 .7 .7 .8 .7 .7 .3
20. * .0 .7 .7 1.0 .7 .6 .6 .4
25. * .0 .7 .7 1.1 .8 .6 .6 .4
30. * .0 .7 .8 1.1 .6 .6 .6 .5
35. * .0 .7 .8 1.0 .6 .3 .7 .5
40. * .0 .7 .8 1.0 .6 .5 .9 .4
45. * .0 .7 .8 .9 .5 .4 .9 .4
50. * .0 .7 .8 1.0 .4 .5 .9 .4
55. * .0 .7 .8 .9 .6 .5 .9 .3
60. * .0 .7 .8 .8 .6 .6 .9 .3
65. * .0 .7 .9 .7 .5 .8 .8 .3
70. * .0 .7 .8 .5 .7 .9 .8 .3
75. * .0 .8 .7 .5 .7 .9 .8 .4
80. * .0 .8 .7 .7 .8 1.0 .6 .4
85. * .0 .8 .7 .7 .9 1.0 .7 .4
90. * .0 .9 .8 .6 .7 1.1 .7 .4
95. * .1 .8 .7 .7 .8 1.0 .7 .3
100. * .2 .8 .6 .7 .8 .9 .6 .3
105. * .3 .6 .6 .6 .8 .7 .6 .3
110. * .4 .4 .5 .6 .6 .7 .5 .3
115. * .5 .3 .5 .4 .5 .6 .5 .3
120. * .6 .2 .2 .2 .5 .6 .5 .3
125. * .7 .1 .2 .2 .6 .6 .5 .3
130. * .6 .1 .2 .3 .6 .6 .4 .3
135. * .8 .0 .2 .3 .6 .6 .4 .3
140. * .8 .0 .2 .3 .7 .6 .4 .3
145. * .8 .0 .1 .3 .7 .6 .3 .3
150. * .8 .0 .1 .3 .7 .6 .3 .3
155. * .7 .0 .1 .2 .7 .6 .3 .3
160. * .6 .0 .0 .2 .6 .5 .3 .3
165. * .6 .0 .0 .2 .6 .5 .2 .3
170. * .6 .0 .0 .2 .5 .5 .2 .3
175. * .6 .0 .0 .1 .6 .5 .2 .4
180. * .5 .0 .0 .1 .4 .5 .3 .3
185. * .5 .0 .0 .1 .5 .4 .3 .2
190. * .5 .0 .0 .0 .5 .4 .2 .2
195. * .6 .0 .0 .0 .4 .3 .2 .2
200. * .6 .0 .0 .0 .2 .3 .1 .1
205. * .6 .0 .0 .0 .2 .2 .1 .1

```

1

JOB: S4 NB30 MD117 AND MD 124

RUN: S4 NB30 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
210. * .6 .0 .0 .0 .2 .1 .0 .1
215. * .6 .0 .0 .0 .1 .1 .0 .0
220. * .6 .0 .0 .0 .0 .1 .0 .0
225. * .6 .0 .0 .0 .0 .1 .1 .0
230. * .6 .0 .0 .0 .0 .1 .1 .0
235. * .6 .0 .0 .0 .0 .1 .2 .0
240. * .6 .0 .0 .0 .0 .0 .2 .0
245. * .6 .0 .0 .0 .0 .0 .2 .0
250. * .6 .0 .0 .0 .0 .0 .3 .0
255. * .6 .0 .0 .0 .0 .0 .3 .0
260. * .6 .0 .0 .0 .0 .0 .3 .0
265. * .6 .0 .0 .0 .0 .0 .3 .0
270. * .5 .0 .0 .0 .0 .0 .3 .0
275. * .5 .0 .0 .0 .1 .0 .2 .0
280. * .5 .0 .1 .1 .1 .0 .2 .0
285. * .4 .1 .1 .2 .2 .0 .2 .0
290. * .4 .1 .3 .3 .5 .1 .2 .0
295. * .2 .3 .5 .5 .6 .1 .2 .0
300. * .1 .4 .6 .7 .8 .2 .3 .0
305. * .0 .5 .7 .8 .9 .2 .3 .0
310. * .0 .6 .7 .9 1.0 .3 .3 .0
315. * .0 .6 1.0 .9 .9 .3 .4 .0
320. * .0 .8 1.0 .9 .9 .3 .4 .1
325. * .0 .8 .9 .9 .8 .3 .4 .1
330. * .0 .8 .8 .9 .8 .4 .4 .1
335. * .0 .8 .8 .8 .7 .4 .4 .1
340. * .0 .7 .8 .8 .7 .4 .4 .1
345. * .0 .7 .8 .8 .6 .4 .4 .1
350. * .0 .7 .7 .8 .5 .4 .4 .1
355. * .0 .7 .7 .8 .5 .3 .4 .1
360. * .0 .7 .7 .8 .4 .4 .5 .2

```


MAX * .8 .9 1.0 1.1 1.0 1.1 .9 .5
DEGR. * 135 90 315 25 310 90 40 30

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 235 DEGREES FROM REC10.
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 225 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 25 DEGREES FROM REC24.

1

JOB: S4 NB30 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:02:35.80

RUN: S4 NB30 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 315	REC2 310	REC3 300	REC4 305	REC5 95	REC6 70	REC7 85	REC8 255	REC9 235	REC10 235	REC11 225	REC12 250	REC13 250	REC14 220	REC15 175	REC16 145	REC17 125	REC18 125	REC19 155	REC20 145
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.2	.2	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.2	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
22 *	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
23 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27 *	.0	.0	.0	.0	.3	.3	.3	.5	.4	.4	.4	.0	.0	.0	.1	.2	.2	.3	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38 *	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.3	.4
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
42 *	.0	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0

1

JOB: S4 NB30 MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:02:35.80

RUN: S4 NB30 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 135	REC22 90	REC23 315	REC24 25	REC25 310	REC26 90	REC27 40	REC28 30
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.3	.2	.2
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.1	.3	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.1	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.1	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.1	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.2	.2	.1
23 *	.0	.0	.0	.0	.0	.0	.0	.2
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.1	.0	.0	.0	.2	.1	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0

31	*	.0	.0	.0	.0	.0	.0	.0	S4NB30BA.OUT
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.1	.1	.1	.1	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.1	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.1	.0	.0	
38	*	.5	.6	.7	.6	.8	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.1	
42	*	.0	.0	.0	.0	.0	.1	.0	

S4NB30BP.DAT

S4 NB30PM MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 NB30PM 117 AND 124	42	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1725	2.7	0.56.	35.	
2							
1	NB MD 124	AG249516.536959.249590.537204.	1725	2.7	0.56.	35.	
2							
2	NB MD 124	TAG249590.537204.249702.537594.	1300	2.7	0.56.	35.	
3							
150	NB MD124	TQAG249678.537512.249625.537327.	0.	36.	3		
	106	4.0 1300 29.1 1770 3 3					
43							
1	NB MD 124	RAG249840.537514.249763.537522.	400	2.7	0.32.	35.	
43							
1	NB MD 124	RAG249763.537522.249693.537480.	400	2.7	0.32.	35.	
2							
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150	106	4.0 400 29.1 1583 3 3					
43							
1	NB MD 124	RAG249693.537480.249644.537326.	400	2.7	0.32.	35.	
5							
1	NB MD 124	LAG249605.537313.249683.537596.	25	2.7	0.32.	35.	
2							
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150	140	4.0 25 29.1 1770 3 3					
12							
1	NB MD 124	AG249702.537593.249777.537853.	2450	2.7	0.56.	35.	
13							
1	NB MD 124	AG249777.537853.249889.538323.	2450	2.7	0.56.	35.	
14							
1	NB MD 124	AG249889.538323.249950.538548.	2450	2.7	0.56.	35.	
15							
1	SB MD 124	AG249921.538556.249734.537927.	1925	2.7	0.56.	35.	
16							
1	SB MD 124	TAG249734.537927.249649.537602.	850	2.7	0.56.	35.	
2							
17	SB MD124	TQAG249668.537671.249707.537823.	0.	36.	3		
150	70	4.0 850 29.1 1770 3 3					
43							
1	SB MD 124	RAG249561.537685.249660.537714.	75	2.7	0.32.	35.	
2							
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150	70	4.0 75 29.1 1583 3 3					
43							
1	SB MD 124	RAG249660.537714.249717.537914.	75	2.7	0.32.	35.	
18							
1	SB MD 124	LAG249762.537910.249685.537600.	1000	2.7	0.32.	35.	
2							
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150	98	4.0 1000 29.1 1770 3 3					
24							
1	SB MD 124	AG249648.537602.249582.537321.	1350	2.7	0.56.	35.	
25							
1	SB MD 124	AG249582.537321.249459.536867.	1350	2.7	0.56.	35.	
26							
1	SB MD 124	AG249459.536867.249382.536635.	1350	2.7	0.56.	35.	
27							
1	WB MD 117	AG250637.537299.250150.537475.	2875	2.7	0.68.	35.	
29							
1	WB MD 117	TAG250150.537475.249688.537635.	1300	2.7	0.56.	35.	
2							
28	WB MD117T	AG249740.537617.249931.537550.	0.	36.	3		
150	115	4.0 1300 29.1 1695 3 3					
30							
1	WB MD 117	LAG250149.537454.249681.537607.	475	2.7	0.32.	35.	
31							
2	WB MD117L	AG249738.537589.249928.537525.	0.	12.	1		
150	115	4.0 475 29.1 1717 3 3					
43							
1	WB MD 117	RAG249745.537744.249760.537660.	1100	2.7	0.15.	35.	
43							
1	WB MD 117	RAG249760.537660.249799.537616.	1100	2.7	0.32.	35.	
43							
1	WB MD 117	RAG249799.537616.250052.537524.	1100	2.7	0.32.	35.	
34							
1	WB MD 117	AG249686.537635.249116.537854.	1400	2.7	0.56.	35.	
35							
1	WB MD 117	AG249116.537854.248794.538054.	1400	2.7	0.56.	35.	

Page 1

S4NB30BP.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	675	2.7	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	675	2.7	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	625	2.7	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	126	4.0 625 29.1 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	50	2.7	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	126	4.0 50 29.1 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	2000	2.7	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	2000	2.7	0.	68.	35.		
1.0	0.4 1000. 0.0Y 5 0 72								

JOB: S4 NB30PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:05:32.77

RUN: S4 NB30PM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1725.	2.7	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1725.	2.7	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1300.	2.7	.0	56.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249588.5	537199.6	*	325.	196. AG	165.	100.0	.0	36.0	.97 16.5
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	400.	2.7	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	400.	2.7	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249475.7	537350.0	*	327.	239. AG	55.	100.0	.0	12.0	1.00 16.6
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	400.	2.7	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249655.7	537496.6	*	20.	195. AG	73.	100.0	.0	12.0	.53 1.0
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2450.	2.7	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2450.	2.7	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2450.	2.7	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	1925.	2.7	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	850.	2.7	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249694.9	537776.0	*	108.	14. AG	109.	100.0	.0	36.0	.32 5.5
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	75.	2.7	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249624.5	537703.4	*	29.	73. AG	36.	100.0	.0	12.0	.10 1.5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	75.	2.7	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1000.	2.7	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250972.8	542753.0	*	5252.	14. AG	51.	100.0	.0	12.0	1.85 266.8
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1350.	2.7	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1350.	2.7	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1350.	2.7	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2875.	2.7	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1300.	2.7	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	251091.0	537143.1	*	1432.	109. AG	180.	100.0	.0	36.0	1.32 72.7
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	475.	2.7	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	251484.3	537091.0	*	1843.	109. AG	60.	100.0	.0	12.0	1.44 93.6
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1100.	2.7	.0	15.0	
31. 43	WB MD 117R*	249738.0	537589.0	249799.0	537616.0	*	59.	138. AG	1100.	2.7	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1100.	2.7	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1400.	2.7	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1400.	2.7	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	675.	2.7	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	675.	2.7	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	625.	2.7	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	249491.7	537645.5	*	118.	293. AG	262.	100.0	.0	48.0	.78 6.0
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	2.7	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249609.8	537622.8	*	17.	290. AG	131.	100.0	.0	24.0	.12 .9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2000.	2.7	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2000.	2.7	.0	68.0	

JOB: S4 NB30PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:05:32.77

RUN: S4 NB30PM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	106	4.0	1300	1770	29.10	3	3
7. 41	NB MD 124R*	150	106	4.0	400	1583	29.10	3	3
10. 6	NB MD124LQ*	150	140	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	70	4.0	850	1770	29.10	3	3
18. 41	SB MD 124R*	150	70	4.0	75	1583	29.10	3	3
21. 19	SB MD124LQ*	150	98	4.0	1000	1770	29.10	3	3
27. 28	WB MD117T	150	115	4.0	1300	1695	29.10	3	3
29. 31	WB MD117L	150	115	4.0	475	1717	29.10	3	3
38. 39	EB MD 117T*	150	126	4.0	625	1667	29.10	3	3
40. 41	EB MD 117L	150	126	4.0	50	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*
20. REC 20 164' WN CORNE	*	249442.0	537759.0	5.0	*
21. REC 21 400' WN CORNE	*	249222.0	537845.0	5.0	*

22. REC 22 400' WS CORNE * 249251.0 537685.0 5.0 *
 23. REC 23 164' WS CORNE * 249460.0 537602.0 5.0 *
 24. REC 24 82' WS CORNER * 249538.0 537574.0 5.0 *
 25. REC 25 SW CORNER * 249606.0 537549.0 5.0 *
 26. REC 26 82' SW CORNER * 249586.0 537467.0 5.0 *
 27. REC 27 164' SW CORNE * 249565.0 537390.0 5.0 *
 28. REC 28 400' SW CORNE * 249508.0 537163.0 5.0 *

S4NB30BP.OUT

1

JOB: S4 NB30PM MD117 AND MD 124

RUN: S4 NB30PM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.2	.0	.4	.5	.4	.4	.4	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
5.	.1	.2	.4	.4	.4	.5	.4	.0	.0	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
10.	.1	.2	.3	.5	.4	.5	.5	.0	.0	.0	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0
15.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
20.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0
25.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
30.	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
35.	.1	.1	.2	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
40.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0
45.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
50.	.1	.1	.2	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
55.	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0
60.	.1	.1	.2	.4	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.4	.0	.0
65.	.1	.1	.2	.4	.5	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.0	.0
70.	.1	.1	.2	.4	.6	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.0	.0
75.	.1	.1	.3	.4	.5	.5	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
80.	.1	.1	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0
85.	.1	.1	.4	.5	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0
90.	.0	.1	.4	.6	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0
95.	.0	.1	.2	.5	.7	.7	.7	.1	.1	.1	.1	.0	.0	.0	.3	.3	.3	.3	.3	.2
100.	.0	.1	.1	.5	.5	.6	.5	.2	.2	.2	.2	.0	.0	.0	.4	.3	.3	.4	.4	.3
105.	.0	.0	.1	.4	.5	.5	.5	.3	.4	.4	.3	.0	.0	.0	.4	.3	.5	.5	.5	.3
110.	.0	.0	.0	.2	.2	.2	.2	.6	.6	.7	.8	.1	.0	.0	.4	.4	.5	.6	.7	.4
115.	.0	.0	.0	.1	.2	.2	.2	.7	1.0	1.0	1.0	.1	.1	.0	.3	.4	.6	.7	.5	.5
120.	.0	.0	.0	.0	.0	.0	.0	.9	1.0	1.0	1.0	.2	.1	.0	.3	.4	.7	.8	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.9	.9	.3	.1	.0	.4	.5	.8	.8	.5	.4
130.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.9	.2	.2	.1	.4	.5	.8	.7	.5	.5
135.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.9	.2	.2	.1	.5	.5	.8	.7	.4	.4
140.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.9	.9	.2	.2	.1	.5	.5	.7	.4	.5	.6
145.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.8	.2	.2	.1	.5	.5	.6	.4	.5	.6
150.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.8	.2	.2	.1	.5	.4	.5	.4	.5	.5
155.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.2	.1	.1	.5	.5	.5	.2	.5	.4
160.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.8	.8	.2	.1	.1	.5	.5	.5	.2	.6	.4
165.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.2	.1	.1	.5	.4	.5	.2	.6	.3
170.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.8	.2	.1	.1	.5	.4	.4	.2	.6	.2
175.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.8	.2	.1	.1	.5	.4	.3	.4	.6	.1
180.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.8	.2	.1	.1	.4	.3	.2	.4	.4	.1
185.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.8	.2	.1	.1	.4	.2	.3	.3	.4	.1
190.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.2	.1	.1	.2	.3	.2	.4	.4	.1
195.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.3	.1	.1	.1	.2	.2	.3	.3	.1
200.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.8	.9	.3	.2	.1	.2	.1	.2	.3	.3	.1
205.	.0	.0	.0	.1	.0	.0	.0	.7	.8	.9	.9	.2	.2	.0	.1	.1	.2	.4	.2	.1

1

JOB: S4 NB30PM MD117 AND MD 124

RUN: S4 NB30PM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.0	.0	.1	.1	.0	.0	.0	.7	.8	.9	.9	.2	.2	.1	.0	.1	.2	.4	.2	.1
215.	.1	.0	.1	.1	.0	.0	.0	.7	.9	.9	1.1	.2	.2	.0	.1	.2	.4	.1	.1	.1
220.	.1	.2	.1	.2	.1	.0	.0	.7	.9	.9	1.2	.3	.2	.1	.0	.1	.2	.4	.1	.1
225.	.0	.1	.2	.2	.1	.0	.0	.7	.9	1.0	1.0	.3	.1	.1	.0	.1	.1	.3	.1	.1
230.	.0	.1	.2	.3	.1	.1	.0	.7	.9	1.0	.9	.2	.2	.1	.0	.0	.1	.3	.1	.1
235.	.0	.2	.2	.3	.1	.1	.0	.7	.9	1.0	.7	.2	.2	.1	.0	.0	.1	.2	.1	.1
240.	.1	.2	.3	.3	.2	.1	.0	.7	.9	.9	.6	.2	.3	.1	.0	.0	.0	.2	.1	.1
245.	.1	.2	.3	.3	.2	.1	.0	.8	.9	.9	.7	.3	.3	.1	.0	.0	.0	.2	.1	.1
250.	.1	.2	.3	.4	.2	.1	.0	.8	.9	.7	.6	.3	.3	.2	.0	.0	.1	.1	.1	.1
255.	.1	.3	.3	.3	.2	.1	.0	.8	.8	.7	.6	.3	.2	.2	.0	.0	.1	.1	.2	.2
260.	.1	.3	.3	.3	.3	.1	.1	.9	.9	.6	.5	.3	.1	.2	.0	.0	.1	.1	.2	.2
265.	.1	.3	.3	.4	.2	.1	.1	.8	.7	.6	.5	.2	.1	.2	.0	.0	.0	.1	.2	.2
270.	.1	.3	.3	.4	.2	.1	.1	.8	.7	.5	.6	.2	.1	.2	.0	.0	.0	.1	.2	.2
275.	.1	.3	.3	.4	.2	.1	.1	.7	.6	.5	.4	.2	.1	.2	.0	.0	.0	.1	.2	.2
280.	.1	.3	.3	.4	.2	.1	.1	.7	.5	.5	.5	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.1	.3	.3	.3	.3	.2	.0	.4	.5	.4	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
290.	.1	.3	.3	.3	.3	.2	.3	.3	.2	.3	.4	.1	.1	.2	.0	.0	.0	.0	.2	.2
295.	.1	.3	.3	.3	.3	.2	.3	.1	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.1	.3	.3	.3	.2	.2	.3	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.1	.3	.4	.3	.2	.3	.5	.0	.1	.2	.2	.1	.1	.2	.0	.0	.0	.0	.1	.1
310.	.1	.3	.4	.3	.2	.3	.5	.0	.1	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.1	.3	.4	.3	.3	.4	.5	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.2	.4	.4	.3	.3	.5	.7	.0	.0	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
325.	.1	.4	.3	.2	.4	.5	.7	.0	.0	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0
330.	.1	.4	.3	.1	.6	.6	.7	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
335.	.2	.4	.2	.2	.5	.5	.5	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
340.	.2	.4	.1	.3	.5	.5	.5	.0	.1	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0
345.	.2	.1	.0	.3	.5	.5	.4	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
350.	.3	.1	.2	.3	.4	.4	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
355.	.2	.1	.3	.4	.4	.4	.4	.0	.0	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	.2	.0	.4	.5	.4	.4	.4	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0

```

-----*-----
MAX * .3 .4 .4 .6 .7 .7 .7 1.0 1.0 1.0 1.2 .3 .3 .3 .5 .5 .8 .8 .7 .6
DEGR * 350 320 0 90 90 85 65 125 115 225 220 0 240 345 135 125 125 120 110 140

```

1

JOB: S4 NB30PM MD117 AND MD 124

RUN: S4 NB30PM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
0. * .0 .1 .1 .7 .4 .2 .4 .1
5. * .0 .1 .1 .7 .4 .3 .4 .2
10. * .0 .1 .1 .7 .6 .3 .4 .3
15. * .0 .1 .2 .7 .7 .3 .5 .2
20. * .0 .1 .2 .8 .6 .5 .4 .3
25. * .0 .1 .2 .8 .6 .3 .5 .4
30. * .0 .1 .3 .8 .5 .3 .6 .5
35. * .0 .1 .4 .9 .5 .2 .5 .7
40. * .0 .1 .4 .8 .2 .3 .7 .6
45. * .0 .1 .5 .9 .2 .3 .8 .6
50. * .0 .1 .6 .7 .2 .5 .7 .6
55. * .0 .1 .6 .7 .3 .5 .7 .5
60. * .0 .1 .7 .6 .4 .5 .9 .5
65. * .0 .2 .9 .5 .5 .7 .7 .5
70. * .0 .2 .7 .6 .5 .8 .7 .4
75. * .0 .2 .8 .5 .6 .8 .7 .4
80. * .0 .1 .6 .5 .7 .9 .6 .4
85. * .0 .2 .6 .5 .8 .9 .6 .3
90. * .0 .3 .6 .6 .8 .9 .6 .3
95. * .0 .2 .8 .6 .7 .9 .6 .2
100. * .2 .2 .7 .6 .7 .7 .6 .2
105. * .2 .2 .6 .5 .7 .7 .6 .2
110. * .2 .2 .3 .6 .6 .7 .5 .2
115. * .4 .2 .3 .3 .5 .6 .5 .2
120. * .4 .1 .1 .2 .3 .6 .5 .2
125. * .4 .1 .1 .2 .4 .6 .5 .2
130. * .3 .1 .1 .2 .4 .6 .5 .2
135. * .3 .1 .1 .3 .4 .6 .5 .2
140. * .3 .1 .1 .3 .4 .6 .5 .2
145. * .2 .0 .1 .3 .5 .6 .5 .2
150. * .1 .0 .1 .3 .5 .6 .5 .2
155. * .1 .0 .1 .3 .5 .6 .5 .2
160. * .1 .0 .1 .3 .6 .6 .5 .2
165. * .1 .0 .1 .1 .6 .6 .5 .3
170. * .1 .0 .0 .1 .6 .6 .4 .3
175. * .1 .0 .0 .1 .7 .5 .4 .3
180. * .1 .0 .0 .1 .6 .5 .3 .4
185. * .1 .0 .0 .0 .5 .4 .3 .3
190. * .1 .0 .0 .0 .3 .4 .2 .1
195. * .1 .0 .0 .0 .3 .3 .1 .1
200. * .1 .0 .0 .0 .1 .2 .1 .1
205. * .1 .0 .0 .0 .1 .1 .0 .1

```

1

JOB: S4 NB30PM MD117 AND MD 124

RUN: S4 NB30PM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
210. * .1 .0 .0 .0 .0 .1 .0 .0
215. * .1 .0 .0 .0 .0 .1 .0 .0
220. * .1 .0 .0 .0 .0 .1 .0 .0
225. * .1 .0 .0 .0 .0 .1 .0 .0
230. * .1 .0 .0 .0 .0 .0 .1 .0
235. * .1 .0 .0 .0 .0 .0 .1 .0
240. * .1 .0 .0 .0 .0 .0 .1 .0
245. * .1 .0 .0 .0 .0 .0 .2 .0
250. * .1 .0 .0 .0 .0 .0 .2 .0
255. * .1 .0 .0 .0 .0 .0 .2 .0
260. * .1 .0 .0 .0 .0 .0 .2 .0
265. * .1 .0 .0 .0 .0 .0 .2 .0
270. * .1 .0 .0 .0 .0 .0 .2 .0
275. * .2 .0 .0 .0 .0 .0 .2 .0
280. * .2 .0 .0 .0 .0 .0 .2 .0
285. * .2 .0 .0 .0 .1 .0 .2 .0
290. * .2 .0 .0 .0 .1 .0 .2 .0
295. * .2 .0 .0 .0 .2 .0 .2 .0
300. * .1 .0 .0 .1 .3 .0 .2 .0
305. * .0 .0 .0 .1 .5 .0 .2 .0
310. * .0 .0 .0 .3 .7 .0 .2 .0
315. * .0 .0 .1 .3 .8 .0 .2 .0
320. * .0 .0 .1 .4 .8 .1 .2 .0
325. * .0 .0 .1 .5 .8 .1 .2 .0
330. * .0 .0 .1 .6 .8 .2 .2 .0
335. * .0 .1 .1 .6 .7 .2 .3 .0
340. * .0 .1 .1 .7 .7 .2 .3 .0
345. * .0 .1 .1 .7 .5 .3 .3 .0
350. * .0 .1 .1 .7 .5 .3 .4 .0
355. * .0 .1 .1 .7 .4 .2 .4 .0
360. * .0 .1 .1 .7 .4 .2 .4 .1

```

MAX * .4 .3 .9 .9 .8 .9 .9 .7
DEGR. * 115 90 65 35 85 80 60 35

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 220 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 225 DEGREES FROM REC10.
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 125 DEGREES FROM REC8 .

1

JOB: S4 NB30PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:05:32.77

RUN: S4 NB30PM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 350	REC2 320	REC3 0	REC4 90	REC5 90	REC6 85	REC7 65	REC8 125	REC9 115	REC10 225	REC11 220	REC12 0	REC13 240	REC14 345	REC15 135	REC16 125	REC17 125	REC18 120	REC19 110	REC20 140
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.1	.1	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27 *	.0	.0	.1	.2	.3	.3	.3	.5	.5	.4	.4	.0	.0	.0	.1	.2	.2	.3	.3	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 NB30PM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:05:32.77

RUN: S4 NB30PM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 115	REC22 90	REC23 65	REC24 35	REC25 85	REC26 80	REC27 60	REC28 35
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.1	.1	.1	.1
4 *	.0	.0	.0	.0	.0	.2	.3	.3
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.1	.2	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.1	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.1	.1	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.1	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.1	.1	.1	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.2
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.1	.0	.0	.0
27 *	.1	.1	.0	.0	.3	.2	.1	.1
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.1	.1	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0

31	*	.0	.0	.0	.0	.0	.0	.0	S4NB30BP.OUT
32	*	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.1	.1	.1	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.1	.6	.6	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	

S4B130BA.DAT

S4 B130 BRT AM MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 B130 BRT AM 117 AND 124	44	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1175	2.7	0.56.	35.	
2							
1	NB MD 124	AG249516.536959.249590.537204.	1175	2.7	0.56.	35.	
2							
2	NB MD 124	TAG249590.537204.249702.537594.	800	2.7	0.44.	35.	
3							
150	NB MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
	116	4.0 800 29.1 1770 3 3					
43							
1	NB MD 124	RAG249840.537514.249763.537522.	350	2.7	0.32.	35.	
43							
1	NB MD 124	RAG249763.537522.249693.537480.	350	2.7	0.32.	35.	
2							
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150	116	4.0 350 29.1 1583 3 3					
1							
43	NB MD 124	RAG249693.537480.249644.537326.	350	2.7	0.32.	35.	
1							
5	NB MD 124	LAG249605.537313.249683.537596.	25	2.7	0.32.	35.	
2							
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150	141	4.0 25 29.1 1770 3 3					
1							
12	NB MD 124	AG249702.537593.249777.537853.	1800	2.7	0.56.	35.	
1							
13	NB MD 124	AG249777.537853.249889.538323.	1800	2.7	0.56.	35.	
1							
14	NB MD 124	AG249889.538323.249950.538548.	1800	2.7	0.56.	35.	
1							
15	SB MD 124	AG249921.538556.249734.537927.	2650	2.7	0.56.	35.	
1							
16	SB MD 124	TAG249734.537927.249649.537602.	1625	2.7	0.56.	35.	
2							
17	SB MD124	TQAG249668.537671.249707.537823.	0.	24.	2		
150	68	4.0 1625 29.1 1770 3 3					
1							
43	SB MD 124	RAG249561.537685.249660.537714.	25	2.7	0.32.	35.	
2							
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150	68	4.0 25 29.1 1583 3 3					
1							
43	SB MD 124	RAG249660.537714.249717.537914.	25	2.7	0.32.	35.	
1							
18	SB MD 124	LAG249762.537910.249685.537600.	1000	2.7	0.32.	35.	
2							
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150	93	4.0 1000 29.1 1770 3 3					
1							
24	SB MD 124	AG249648.537602.249582.537321.	1900	2.7	0.56.	35.	
1							
25	SB MD 124	AG249582.537321.249459.536867.	1900	2.7	0.56.	35.	
1							
26	SB MD 124	AG249459.536867.249382.536635.	1900	2.7	0.56.	35.	
1							
27	WB MD 117	AG250637.537299.250150.537475.	2100	2.7	0.68.	35.	
1							
29	WB MD 117	TAG250150.537475.249688.537635.	875	2.7	0.56.	35.	
2							
28	WB MD117	TAG249740.537617.249931.537550.	0.	36.	3		
150	124	4.0 875 29.1 1667 3 3					
1							
30	WB MD 117	LAG250149.537454.249681.537607.	250	2.7	0.32.	35.	
2							
31	WB MD117	L AG249738.537589.249928.537525.	0.	24.	2		
150	124	4.0 250 29.1 1717 3 3					
1							
43	WB MD 117	RAG249745.537744.249760.537660.	975	2.7	0.15.	35.	
1							
43	WB MD 117	RAG249760.537660.249799.537616.	975	2.7	0.32.	35.	
1							
43	WB MD 117	RAG249799.537616.250052.537524.	975	2.7	0.32.	35.	
1							
34	WB MD 117	AG249686.537635.249116.537854.	925	2.7	0.56.	35.	
1							
35	WB MD 117	AG249116.537854.248794.538054.	925	2.7	0.56.	35.	

S4B130BA.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	1475	2.7	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	1475	2.7	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	1450	2.7	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	114	4.0 1450 29.1 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	25	2.7	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	114	4.0 25 29.1 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	2775	2.7	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	2775	2.7	0.	68.	35.		
1									
1	NB BRT	AG250038.538520.249514.536587.	23	0.4	0.	32.	26.		
1									
1.0	SB BRT	AG249461.536620.249999.538536.	30	0.4	0.	32.	26.		
0.4	1000. 0.0Y	5 0 72							

JOB: S4 B130 BRT AM MD117 AND MD 124
DATE: 01/09/2007 TIME: 11:20:32.98

RUN: S4 B130 BRT AM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1175.	2.7	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1175.	2.7	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	800.	2.7	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249389.1	536503.1	*	1049.	196. AG	121.	100.0	.0	24.0	1.21 53.3
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	350.	2.7	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	350.	2.7	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249016.4	537074.8	*	862.	239. AG	60.	100.0	.0	12.0	1.19 43.8
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	350.	2.7	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249654.6	537492.3	*	25.	195. AG	73.	100.0	.0	12.0	.71 1.2
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1800.	2.7	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1800.	2.7	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1800.	2.7	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2650.	2.7	.0	56.0	
15. 16	SB MD 124T	* 249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1625.	2.7	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249751.9	537998.1	*	338.	14. AG	71.	100.0	.0	24.0	.91 17.2
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	2.7	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249605.9	537697.7	*	9.	73. AG	35.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	2.7	.0	32.0	
20. 18	SB MD 124L	* 249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1000.	2.7	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250822.7	542153.0	*	4633.	14. AG	48.	100.0	.0	12.0	1.66 235.4
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1900.	2.7	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1900.	2.7	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1900.	2.7	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2100.	2.7	.0	68.0	
26. 29	WB MD 117T	* 250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	875.	2.7	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250656.6	537295.5	*	971.	109. AG	194.	100.0	.0	36.0	1.31 49.3
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	250.	2.7	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249818.3	537561.9	*	85.	109. AG	129.	100.0	.0	24.0	.55 4.3
30. 43	WB MD 117R	* 249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	975.	2.7	.0	15.0	
31. 43	WB MD 117R	* 249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	975.	2.7	.0	32.0	
32. 43	WB MD 117R	* 249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	975.	2.7	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	925.	2.7	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	925.	2.7	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1475.	2.7	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1475.	2.7	.0	68.0	
37. 37	EB MD 117T	* 249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1450.	2.7	.0	68.0	
38. 39	EB MD 117T	* 249600.0	537599.0	249042.0	537838.7	*	607.	293. AG	237.	100.0	.0	48.0	1.09 30.9
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	25.	2.7	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249619.0	537619.5	*	7.	290. AG	119.	100.0	.0	24.0	.03 .4
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2775.	2.7	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2775.	2.7	.0	68.0	
43.	NB BRT	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	23.	.4	.0	32.0	
44.	SB BRT	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	30.	.4	.0	32.0	

JOB: S4 B130 BRT AM MD117 AND MD 124
DATE: 01/09/2007 TIME: 11:20:32.98

RUN: S4 B130 BRT AM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	116	4.0	800	1770	29.10	3	3
7. 41	NB MD 124R*	150	116	4.0	350	1583	29.10	3	3
10. 6	NB MD124LQ*	150	141	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	68	4.0	1625	1770	29.10	3	3
18. 41	SB MD 124R*	150	68	4.0	25	1583	29.10	3	3
21. 19	SB MD124LQ*	150	93	4.0	1000	1770	29.10	3	3
27. 28	WB MD117T	150	124	4.0	875	1667	29.10	3	3
29. 31	WB MD117L	150	124	4.0	250	1717	29.10	3	3
38. 39	EB MD 117T*	150	114	4.0	1450	1667	29.10	3	3
40. 41	EB MD 117L*	150	114	4.0	25	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B130BA.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B130 BRT AM MD117 AND MD 124

RUN: S4 B130 BRT AM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.2	.4	.5	.4	.4	.4	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
5.	.1	.3	.4	.5	.4	.4	.4	.0	.0	.1	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0
10.	.1	.3	.4	.5	.4	.4	.4	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.1	.0	.0
15.	.1	.2	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0
20.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.0	.0
25.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.0
30.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.1	.0
35.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.1	.1
40.	.1	.2	.3	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.1	.1
45.	.1	.2	.3	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.4	.1	.1
50.	.1	.1	.3	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.3	.1	.1
55.	.1	.1	.3	.3	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.3	.1	.0
60.	.1	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.5	.3	.3	.1	.0
65.	.1	.2	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
70.	.1	.2	.3	.3	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
75.	.1	.2	.3	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.1	.0
80.	.0	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
85.	.0	.2	.3	.5	.5	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
90.	.0	.2	.2	.4	.5	.6	.7	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
95.	.0	.1	.2	.4	.7	.6	.5	.0	.1	.1	.1	.0	.0	.0	.4	.2	.3	.3	.2	.1
100.	.0	.0	.2	.3	.6	.5	.5	.1	.1	.1	.1	.0	.0	.0	.4	.2	.3	.4	.1	.1
105.	.0	.0	.0	.2	.3	.3	.3	.3	.2	.3	.2	.0	.0	.0	.4	.2	.4	.4	.3	.3
110.	.0	.0	.0	.2	.2	.2	.2	.4	.6	.5	.5	.1	.0	.0	.4	.2	.4	.5	.3	.3
115.	.0	.0	.0	.0	.2	.1	.1	.7	.7	.8	.6	.1	.0	.0	.4	.4	.5	.6	.4	.3
120.	.0	.0	.0	.0	.0	.1	.0	.8	.9	.8	.8	.1	.1	.0	.4	.4	.5	.7	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.8	.3	.1	.0	.4	.5	.6	.8	.4	.4
130.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.8	.3	.1	.0	.5	.6	.5	.7	.4	.5
135.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.3	.1	.5	.6	.5	.7	.4	.5	.5
140.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.3	.3	.1	.5	.6	.6	.6	.3	.5
145.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.8	.3	.3	.1	.5	.6	.6	.4	.4	.7
150.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.3	.3	.1	.5	.5	.5	.3	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.8	.8	.2	.2	.1	.5	.5	.5	.2	.7	.7
160.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.7	.7	.2	.2	.1	.5	.4	.5	.3	.7	.7
165.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.3	.2	.1	.6	.4	.3	.2	.6	.7
170.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.7	.4	.3	.3	.7	.7
175.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.6	.3	.3	.3	.7	.7
180.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.4	.3	.3	.3	.7	.7
185.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.2	.1	.6	.3	.4	.3	.7	.6
190.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.9	.3	.2	.1	.5	.3	.3	.4	.6	.6
195.	.0	.1	.1	.1	.0	.0	.0	.5	.7	.8	1.0	.5	.3	.2	.4	.2	.2	.3	.6	.6
200.	.1	.1	.1	.1	.1	.0	.0	.5	.7	.9	1.0	.5	.3	.2	.3	.2	.2	.3	.6	.5
205.	.1	.1	.1	.1	.1	.0	.0	.6	.8	.9	1.0	.5	.2	.1	.2	.1	.2	.3	.6	.5

1

JOB: S4 B130 BRT AM MD117 AND MD 124

RUN: S4 B130 BRT AM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.1	.2	.2	.2	.1	.1	.0	.6	.8	.9	1.1	.4	.2	.1	.1	.1	.2	.4	.6	.5
215.	.1	.3	.3	.3	.1	.1	.0	.6	.8	.9	1.1	.3	.2	.1	.1	.2	.2	.4	.6	.6
220.	.2	.3	.3	.3	.1	.1	.0	.6	.8	1.0	1.0	.2	.2	.3	.1	.2	.2	.4	.6	.6
225.	.2	.3	.3	.2	.1	.1	.0	.7	.8	1.0	1.1	.2	.1	.3	.1	.2	.2	.4	.6	.6
230.	.2	.3	.3	.2	.1	.1	.0	.7	.8	1.1	1.1	.2	.2	.3	.1	.2	.2	.3	.6	.6
235.	.3	.3	.3	.2	.1	.1	.1	.7	.9	1.1	1.0	.2	.2	.3	.1	.2	.2	.3	.6	.6
240.	.2	.3	.1	.2	.1	.1	.1	.7	1.1	1.1	.8	.2	.2	.4	.1	.2	.2	.3	.5	.6
245.	.2	.2	.1	.2	.2	.1	.1	.8	1.1	.8	.8	.2	.2	.3	.1	.2	.2	.4	.5	.6
250.	.2	.2	.1	.3	.2	.1	.1	.8	1.0	.8	.7	.3	.4	.3	.1	.2	.2	.4	.5	.6
255.	.2	.2	.2	.3	.2	.1	.1	.8	.9	.9	.6	.3	.4	.3	.0	.2	.2	.4	.6	.6
260.	.2	.2	.2	.3	.2	.2	.1	.8	1.0	.7	.7	.4	.4	.2	.0	.1	.2	.4	.6	.6
265.	.2	.1	.3	.3	.2	.2	.0	.7	.9	.6	.5	.4	.3	.2	.0	.1	.2	.4	.6	.6
270.	.2	.1	.3	.3	.2	.2	.0	.8	.9	.5	.6	.4	.3	.2	.0	.1	.2	.4	.6	.5
275.	.2	.1	.3	.3	.2	.1	.0	.8	.8	.6	.5	.3	.3	.2	.0	.0	.1	.3	.5	.5
280.	.2	.1	.3	.4	.3	.2	.1	.7	.5	.4	.6	.3	.2	.2	.0	.0	.1	.2	.4	.4
285.	.2	.1	.3	.4	.4	.2	.2	.4	.4	.4	.4	.3	.1	.2	.0	.0	.1	.1	.4	.3
290.	.2	.2	.4	.5	.3	.3	.4	.3	.2	.2	.2	.2	.1	.2	.0	.0	.0	.1	.3	.3
295.	.2	.2	.4	.6	.4	.3	.4	.2	.2	.2	.3	.2	.1	.2	.0	.0	.0	.0	.2	.2
300.	.2	.3	.5	.6	.4	.4	.5	.1	.0	.1	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1
305.	.2	.3	.5	.6	.4	.5	.6	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
310.	.2	.4	.4	.5	.4	.5	.5	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
315.	.2	.4	.5	.4	.5	.6	.5	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
320.	.3	.4	.5	.3	.4	.5	.5	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
325.	.3	.4	.4	.3	.4	.5	.5	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0
330.	.3	.4	.2	.2	.5	.4	.5	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
335.	.2	.3	.2	.1	.5	.4	.5	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
340.	.3	.2	.1	.4	.5	.5	.5	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
345.	.3	.2	.1	.5	.5	.4	.5	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0
350.	.2	.1	.1	.5	.5	.4	.5	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0

S4B130BA.OUT

355.	*	.2	.0	.2	.6	.5	.4	.4	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0
360.	*	.1	.2	.4	.5	.4	.4	.4	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0
MAX	*	.3	.4	.5	.6	.7	.6	.7	.8	1.1	1.1	1.1	.5	.4	.4	.7	.6	.6	.8
DEGR.	*	235	310	300	295	95	75	90	255	240	230	210	195	250	240	170	130	125	125
																		150	145

1

JOB: S4 B130 BRT AM MD117 AND MD 124

RUN: S4 B130 BRT AM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.6	.6	.7	.3	.4	.4	.1
5.	*	.0	.6	.6	.7	.5	.3	.4	.2
10.	*	.0	.6	.6	.7	.6	.3	.4	.2
15.	*	.0	.6	.6	.7	.7	.6	.5	.3
20.	*	.0	.6	.6	.9	.6	.5	.5	.4
25.	*	.0	.6	.6	1.0	.5	.5	.5	.4
30.	*	.0	.6	.7	1.1	.6	.4	.5	.6
35.	*	.0	.6	.7	.9	.6	.3	.7	.5
40.	*	.0	.6	.6	.8	.4	.4	.8	.5
45.	*	.0	.6	.7	.8	.5	.4	.8	.5
50.	*	.0	.6	.7	.9	.4	.4	.8	.5
55.	*	.0	.6	.7	.8	.6	.6	.8	.5
60.	*	.0	.6	.7	.7	.6	.7	.8	.5
65.	*	.0	.6	.7	.6	.5	.7	.7	.5
70.	*	.0	.7	.7	.5	.7	.7	.7	.5
75.	*	.0	.7	.7	.5	.7	.7	.7	.6
80.	*	.0	.7	.7	.6	.9	.7	.4	.6
85.	*	.0	.7	.7	.7	.8	.8	.5	.5
90.	*	.0	.8	.8	.8	.8	.9	.5	.5
95.	*	.0	.8	.7	.7	.8	.8	.5	.5
100.	*	.1	.8	.6	.6	.8	.7	.5	.5
105.	*	.3	.6	.6	.6	.7	.6	.4	.5
110.	*	.3	.4	.3	.4	.6	.5	.4	.5
115.	*	.4	.3	.2	.4	.5	.5	.3	.5
120.	*	.5	.1	.1	.2	.4	.5	.3	.5
125.	*	.6	.0	.2	.2	.4	.5	.3	.5
130.	*	.5	.0	.2	.2	.4	.5	.3	.5
135.	*	.7	.1	.2	.2	.4	.5	.4	.5
140.	*	.7	.1	.1	.2	.5	.5	.4	.5
145.	*	.7	.1	.1	.2	.5	.5	.4	.5
150.	*	.7	.1	.1	.2	.5	.5	.4	.5
155.	*	.8	.1	.1	.2	.5	.5	.3	.5
160.	*	.6	.1	.1	.2	.5	.5	.4	.5
165.	*	.6	.0	.1	.2	.5	.5	.4	.5
170.	*	.6	.0	.1	.2	.5	.5	.4	.5
175.	*	.5	.0	.1	.1	.5	.6	.4	.5
180.	*	.5	.0	.1	.2	.5	.6	.4	.4
185.	*	.5	.0	.1	.1	.6	.6	.4	.4
190.	*	.5	.0	.0	.1	.6	.6	.4	.4
195.	*	.6	.0	.0	.0	.5	.4	.3	.3
200.	*	.6	.0	.0	.0	.3	.4	.2	.2
205.	*	.6	.0	.0	.0	.2	.2	.1	.1

1

JOB: S4 B130 BRT AM MD117 AND MD 124

RUN: S4 B130 BRT AM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.6	.0	.0	.0	.2	.1	.0	.1
215.	*	.6	.0	.0	.0	.1	.1	.0	.0
220.	*	.6	.0	.0	.0	.1	.1	.0	.0
225.	*	.6	.0	.0	.0	.1	.1	.1	.0
230.	*	.6	.0	.0	.0	.1	.1	.1	.0
235.	*	.6	.0	.0	.0	.0	.1	.2	.0
240.	*	.6	.0	.0	.0	.0	.1	.2	.0
245.	*	.6	.0	.0	.0	.0	.0	.3	.0
250.	*	.6	.0	.0	.0	.0	.0	.3	.0
255.	*	.6	.0	.0	.0	.0	.0	.3	.0
260.	*	.6	.0	.0	.0	.0	.0	.3	.0
265.	*	.5	.0	.0	.0	.0	.0	.3	.0
270.	*	.5	.0	.0	.0	.0	.0	.3	.0
275.	*	.4	.0	.0	.0	.1	.0	.2	.0
280.	*	.3	.0	.1	.1	.1	.0	.2	.0
285.	*	.3	.1	.1	.2	.2	.0	.2	.0
290.	*	.3	.1	.2	.3	.5	.1	.2	.0
295.	*	.0	.2	.4	.5	.6	.1	.2	.0
300.	*	.0	.4	.6	.7	.8	.2	.3	.0
305.	*	.0	.5	.7	.8	.8	.2	.3	.0
310.	*	.0	.5	.7	.8	.9	.3	.3	.0
315.	*	.0	.6	.9	.8	.8	.3	.4	.0
320.	*	.0	.6	.9	.8	.8	.3	.4	.0
325.	*	.0	.8	.7	.8	.7	.3	.4	.1
330.	*	.0	.8	.7	.8	.7	.3	.4	.1
335.	*	.0	.8	.7	.8	.6	.4	.4	.1
340.	*	.0	.6	.7	.7	.6	.4	.4	.1
345.	*	.0	.6	.7	.7	.5	.4	.4	.1
350.	*	.0	.6	.7	.7	.4	.4	.4	.1
355.	*	.0	.6	.6	.7	.4	.3	.4	.1

```

360. * .0 .6 .6 .7 .3 .4 .4 .1
-----*-----
MAX * .8 .8 .9 1.1 .9 .9 .8 .6
DEGR. * 155 90 315 30 80 90 40 30

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 240 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 230 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 210 DEGREES FROM REC11.

1

JOB: S4 B130 BRT AM MD117 AND MD 124
 DATE: 01/09/2007 TIME: 11:20:32.98

RUN: S4 B130 BRT AM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 235	REC2 310	REC3 300	REC4 295	REC5 95	REC6 75	REC7 90	REC8 255	REC9 240	REC10 230	REC11 210	REC12 195	REC13 250	REC14 240	REC15 170	REC16 130	REC17 125	REC18 125	REC19 150	REC20 145
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
22	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.3	.3	.3	.5	.4	.4	.2	.0	.0	.1	.2	.2	.3	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38	.0	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.3	.4	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
42	.0	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B130 BRT AM MD117 AND MD 124
 DATE: 01/09/2007 TIME: 11:20:32.98

RUN: S4 B130 BRT AM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 155	REC22 90	REC23 315	REC24 30	REC25 80	REC26 90	REC27 40	REC28 30
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.0	.0	.0	.0	.2	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.2	.2	.2	.1
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0

27	*	.0	.1	.0	.0	.3	.2	.1	.1	S4B130BA.OUT
28	*	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.1	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.1	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.1	.0	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.1	.0	.0	.0	
38	*	.5	.6	.7	.6	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.2	.1	.1	.0	
42	*	.0	.0	.0	.0	.0	.1	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	

S4B130BP.DAT

S4	B130	BRT	PM	MD117	AND	MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.				
REC 2	164'	SE CORNER	249727.	537310.	5.				
REC 3	82'	SE CORNER	249751.	537379.	5.				
REC 4		SE CORNER	249778.	537461.	5.				
REC 5	82'	ES CORNER	249841.	537465.	5.				
REC 6	164'	ES CORNER	249914.	537440.	5.				
REC 7	400'	ES CORNER	250129.	537367.	5.				
REC 8	400'	EN CORNER	250154.	537525.	5.				
REC 9	164'	EN CORNER	249923.	537602.	5.				
REC 10	82'	EN CORNER	249855.	537627.	5.				
REC 11		NE CORNER	249816.	537643.	5.				
REC 12	82'	NE CORNER	249848.	537754.	5.				
REC 13	164'	NE CORNE	249879.	537812.	5.				
REC 14	400'	NE CORNE	249927.	538052.	5.				
REC 15	400'	NW CORNE	249747.	538096.	5.				
REC 16	164'	NW CORNE	249669.	537877.	5.				
REC 17	82'	NW CORNER	249647.	537798.	5.				
REC 18		NW CORNER	249619.	537740.	5.				
REC 19	82'	WN CORNER	249516.	537732.	5.				
REC 20	164'	WN CORNE	249442.	537759.	5.				
REC 21	400'	WN CORNE	249222.	537845.	5.				
REC 22	400'	WS CORNE	249251.	537685.	5.				
REC 23	164'	WS CORNE	249460.	537602.	5.				
REC 24	82'	WS CORNER	249538.	537574.	5.				
REC 25		SW CORNER	249606.	537549.	5.				
REC 26	82'	SW CORNER	249586.	537467.	5.				
REC 27	164'	SW CORNE	249565.	537390.	5.				
REC 28	400'	SW CORNE	249508.	537163.	5.				

S4	B130	BRT	PM	117	AND	124	44	1	1

1									
1		NB MD 124	AG249425.536620.249516.536959.	1700	2.7	0.	56.	35.	
2		NB MD 124	AG249516.536959.249590.537204.	1700	2.7	0.	56.	35.	
1									
2		NB MD 124	TAG249590.537204.249702.537594.	1250	2.7	0.	44.	35.	
2									
3		NB MD124	TQAG249678.537512.249625.537327.	0.	24.	2			
150		106	4.0 1250 29.1 1770 3 3						
1									
43		NB MD 124	RAG249840.537514.249763.537522.	425	2.7	0.	32.	35.	
1									
43		NB MD 124	RAG249763.537522.249693.537480.	425	2.7	0.	32.	35.	
2									
41		NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1			
150		106	4.0 425 29.1 1583 3 3						
1									
43		NB MD 124	RAG249693.537480.249644.537326.	425	2.7	0.	32.	35.	
1									
5		NB MD 124	LAG249605.537313.249683.537596.	25	2.7	0.	32.	35.	
2									
6		NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1			
150		140	4.0 25 29.1 1770 3 3						
1									
12		NB MD 124	AG249702.537593.249777.537853.	2425	2.7	0.	56.	35.	
1									
13		NB MD 124	AG249777.537853.249889.538323.	2425	2.7	0.	56.	35.	
1									
14		NB MD 124	AG249889.538323.249950.538548.	2425	2.7	0.	56.	35.	
1									
15		SB MD 124	AG249921.538556.249734.537927.	2050	2.7	0.	56.	35.	
1									
16		SB MD 124	TAG249734.537927.249649.537602.	975	2.7	0.	56.	35.	
2									
17		SB MD124	TQAG249668.537671.249707.537823.	0.	24.	2			
150		59	4.0 975 29.1 1770 3 3						
1									
43		SB MD 124	RAG249561.537685.249660.537714.	50	2.7	0.	32.	35.	
2									
41		SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1			
150		59	4.0 50 29.1 1583 3 3						
1									
43		SB MD 124	RAG249660.537714.249717.537914.	50	2.7	0.	32.	35.	
1									
18		SB MD 124	LAG249762.537910.249685.537600.	1025	2.7	0.	32.	35.	
2									
19		SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1			
150		93	4.0 1025 29.1 1770 3 3						
1									
24		SB MD 124	AG249648.537602.249582.537321.	1525	2.7	0.	56.	35.	
1									
25		SB MD 124	AG249582.537321.249459.536867.	1525	2.7	0.	56.	35.	
1									
26		SB MD 124	AG249459.536867.249382.536635.	1525	2.7	0.	56.	35.	
1									
27		WB MD 117	AG250637.537299.250150.537475.	2800	2.7	0.	68.	35.	
1									
29		WB MD 117	TAG250150.537475.249688.537635.	1150	2.7	0.	56.	35.	
2									
28		WB MD117	TAG249740.537617.249931.537550.	0.	36.	3			
150		117	4.0 1150 29.1 1695 3 3						
1									
30		WB MD 117	LAG250149.537454.249681.537607.	525	2.7	0.	32.	35.	
2									
31		WB MD117	L AG249738.537589.249928.537525.	0.	24.	2			
150		117	4.0 525 29.1 1717 3 3						
1									
43		WB MD 117	RAG249745.537744.249760.537660.	1125	2.7	0.	15.	35.	
1									
43		WB MD 117	RAG249760.537660.249799.537616.	1125	2.7	0.	32.	35.	
1									
43		WB MD 117	RAG249799.537616.250052.537524.	1125	2.7	0.	32.	35.	
1									
34		WB MD 117	AG249686.537635.249116.537854.	1225	2.7	0.	56.	35.	
1									
35		WB MD 117	AG249116.537854.248794.538054.	1225	2.7	0.	56.	35.	

Page 1

S4B130BP.DAT

JOB: S4 B130 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:15:57.42

RUN: S4 B130 BRT PM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1700.	2.7	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1700.	2.7	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1250.	2.7	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249059.3	535351.4	*	2247.	196. AG	110.	100.0	.0	24.0	1.40 114.2
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	425.	2.7	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	425.	2.7	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	249253.8	537217.0	*	585.	239. AG	55.	100.0	.0	12.0	1.06 29.7
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	425.	2.7	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249655.7	537496.6	*	20.	195. AG	73.	100.0	.0	12.0	.53 1.0
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2425.	2.7	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2425.	2.7	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2425.	2.7	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2050.	2.7	.0	56.0	
15. 16	SB MD 124T	* 249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	975.	2.7	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249707.1	537823.2	*	157.	14. AG	61.	100.0	.0	24.0	.49 8.0
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	50.	2.7	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249612.4	537699.7	*	16.	73. AG	31.	100.0	.0	12.0	.06 .8
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	50.	2.7	.0	32.0	
20. 18	SB MD 124L	* 249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1025.	2.7	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	250886.7	542408.8	*	4897.	14. AG	48.	100.0	.0	12.0	1.71 248.8
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1525.	2.7	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1525.	2.7	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1525.	2.7	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2800.	2.7	.0	68.0	
26. 29	WB MD 117T	* 250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1150.	2.7	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	250796.1	537246.6	*	1119.	109. AG	183.	100.0	.0	36.0	1.26 56.9
28. 30	WB MD 117L	* 250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	525.	2.7	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249916.1	537529.0	*	188.	109. AG	122.	100.0	.0	24.0	.85 9.5
30. 43	WB MD 117R	* 249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1125.	2.7	.0	15.0	
31. 43	WB MD 117R	* 249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1125.	2.7	.0	32.0	
32. 43	WB MD 117R	* 249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1125.	2.7	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1225.	2.7	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1225.	2.7	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	600.	2.7	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	600.	2.7	.0	68.0	
37. 37	EB MD 117T	* 249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	600.	2.7	.0	68.0	
38. 39	EB MD 117T	* 249600.0	537599.0	249510.6	537637.4	*	97.	293. AG	262.	100.0	.0	48.0	.69 4.9
39. 40	EB MD 117L	* 249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	2.7	.0	44.0	
40. 41	EB MD 117L	* 249626.0	537617.0	249609.8	537622.8	*	17.	290. AG	131.	100.0	.0	24.0	.12 .9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	1975.	2.7	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	1975.	2.7	.0	68.0	
43.	NB BRT	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	12.	.4	.0	32.0	
44.	SB BRT	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	12.	.4	.0	32.0	

JOB: S4 B130 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:15:57.42

RUN: S4 B130 BRT PM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	106	4.0	1250	1770	29.10	3	3
7. 41	NB MD 124R*	150	106	4.0	425	1583	29.10	3	3
10. 6	NB MD124LQ*	150	140	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	59	4.0	975	1770	29.10	3	3
18. 41	SB MD 124R*	150	59	4.0	50	1583	29.10	3	3
21. 19	SB MD124LQ*	150	93	4.0	1025	1770	29.10	3	3
27. 28	WB MD117T	150	117	4.0	1150	1695	29.10	3	3
29. 31	WB MD117L	150	117	4.0	525	1717	29.10	3	3
38. 39	EB MD 117T*	150	126	4.0	550	1667	29.10	3	3
40. 41	EB MD 117L*	150	126	4.0	50	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B130BP.OUT

20. REC 20 164' WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21 400' WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22 400' WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23 164' WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24 82' WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25 SW CORNER *	249606.0	537549.0	5.0 *
26. REC 26 82' SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27 164' SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28 400' SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B130 BRT PM MD117 AND MD 124

RUN: S4 B130 BRT PM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.0	.5	.6	.4	.4	.3	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
5.	.1	.2	.4	.5	.5	.4	.3	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
10.	.0	.3	.4	.5	.5	.3	.4	.0	.0	.0	.2	.2	.0	.1	.2	.1	.1	.0	.0	.0
15.	.1	.2	.3	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
20.	.1	.2	.3	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0
25.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.0	.0
30.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
35.	.1	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.0
40.	.1	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.2	.0
45.	.1	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
50.	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
55.	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0
60.	.1	.1	.2	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0
65.	.1	.1	.2	.4	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.0	.0
70.	.1	.1	.2	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.0	.0
75.	.1	.1	.3	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.0	.0
80.	.1	.1	.3	.3	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
85.	.0	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
90.	.0	.1	.2	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.1	.0
95.	.0	.1	.2	.4	.6	.6	.5	.1	.1	.1	.1	.0	.0	.0	.4	.2	.3	.3	.2	.1
100.	.0	.0	.1	.4	.4	.5	.4	.2	.1	.1	.1	.0	.0	.0	.4	.2	.3	.4	.2	.2
105.	.0	.0	.1	.2	.4	.4	.3	.3	.4	.3	.2	.0	.0	.0	.4	.2	.4	.4	.4	.3
110.	.0	.0	.0	.2	.2	.2	.2	.5	.5	.6	.5	.1	.0	.0	.4	.2	.4	.5	.4	.3
115.	.0	.0	.0	.0	.2	.2	.1	.6	.9	.9	.8	.1	.1	.0	.4	.3	.5	.6	.4	.3
120.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.2	.1	.0	.4	.3	.5	.8	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.8	.3	.1	.0	.4	.4	.5	.8	.5	.4
130.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.9	.2	.1	.0	.5	.5	.5	.7	.4	.5
135.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.2	.2	.1	.5	.5	.6	.7	.3	.4
140.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.2	.2	.1	.5	.5	.6	.6	.3	.3
145.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.2	.2	.1	.5	.6	.6	.6	.3	.4
150.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.9	.2	.2	.1	.5	.6	.5	.4	.5	.4
155.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.9	.2	.2	.1	.5	.6	.5	.2	.5	.3
160.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.8	.9	.2	.1	.1	.5	.4	.4	.1	.5	.3
165.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.9	.9	.3	.1	.1	.5	.4	.3	.2	.5	.3
170.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.1	.1	.5	.4	.3	.2	.5	.2
175.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.1	.1	.5	.4	.3	.4	.5	.2
180.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.9	.9	.3	.2	.1	.4	.3	.1	.4	.4	.2
185.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.9	.9	.3	.2	.1	.5	.3	.2	.4	.4	.2
190.	.1	.1	.1	.1	.0	.0	.0	.6	.8	.9	1.0	.4	.3	.1	.2	.2	.2	.4	.3	.2
195.	.1	.1	.1	.1	.1	.0	.0	.7	.8	1.0	1.0	.4	.3	.2	.2	.2	.2	.4	.3	.1
200.	.1	.1	.1	.1	.1	.1	.0	.6	.9	1.0	1.0	.4	.3	.2	.2	.2	.2	.4	.2	.1
205.	.2	.2	.2	.2	.1	.1	.0	.6	1.0	1.0	1.1	.3	.3	.1	.0	.1	.2	.4	.1	.1

1

JOB: S4 B130 BRT PM MD117 AND MD 124

RUN: S4 B130 BRT PM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.2	.2	.2	.1	.1	.0	.6	1.0	1.0	1.0	.3	.2	.2	.0	.1	.2	.4	.1	.1
215.	.3	.2	.2	.2	.1	.1	.1	.7	1.0	1.0	1.0	.2	.2	.2	.0	.1	.1	.3	.1	.1
220.	.3	.3	.2	.2	.1	.1	.1	.7	1.0	1.1	1.1	.3	.3	.1	.0	.1	.1	.3	.1	.1
225.	.2	.3	.3	.2	.1	.1	.1	.7	1.0	1.1	1.1	.2	.1	.1	.0	.0	.1	.3	.1	.1
230.	.1	.3	.1	.1	.1	.1	.1	.7	1.0	1.1	1.0	.1	.2	.1	.0	.0	.1	.2	.1	.1
235.	.1	.2	.1	.1	.1	.1	.1	.7	1.1	1.1	.8	.2	.2	.1	.0	.0	.0	.2	.1	.1
240.	.2	.2	.1	.1	.1	.1	.1	.7	1.1	.9	.7	.2	.2	.1	.0	.0	.0	.2	.1	.1
245.	.2	.2	.1	.2	.1	.1	.0	.7	1.1	.8	.7	.2	.2	.2	.0	.0	.0	.1	.1	.1
250.	.2	.1	.1	.2	.2	.1	.0	.6	.9	.8	.6	.2	.1	.2	.0	.0	.0	.1	.1	.1
255.	.2	.1	.1	.2	.2	.1	.0	.7	.9	.8	.6	.2	.1	.2	.0	.0	.0	.1	.1	.1
260.	.2	.1	.1	.2	.2	.1	.0	.7	.8	.7	.5	.1	.1	.2	.0	.0	.0	.1	.1	.1
265.	.2	.1	.2	.2	.2	.1	.0	.7	.8	.6	.5	.1	.1	.2	.0	.0	.0	.1	.1	.2
270.	.2	.1	.2	.2	.2	.1	.0	.8	.8	.5	.6	.1	.1	.2	.0	.0	.0	.1	.2	.2
275.	.2	.1	.2	.2	.2	.1	.0	.8	.7	.5	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
280.	.2	.1	.2	.2	.2	.0	.0	.7	.5	.4	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.2	.1	.2	.2	.2	.0	.0	.5	.3	.3	.3	.1	.1	.2	.0	.0	.0	.0	.2	.2
290.	.2	.1	.1	.3	.2	.2	.3	.2	.2	.1	.3	.1	.1	.2	.0	.0	.0	.0	.1	.1
295.	.2	.1	.1	.3	.2	.2	.3	.1	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.2	.1	.1	.2	.2	.2	.4	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.2	.1	.1	.2	.2	.4	.5	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.1
310.	.2	.1	.2	.3	.2	.4	.4	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.2	.1	.2	.3	.4	.4	.4	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.2	.2	.2	.3	.4	.5	.6	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
325.	.1	.2	.2	.2	.5	.6	.6	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
330.	.1	.3	.2	.1	.6	.5	.4	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
335.	.1	.2	.2	.2	.5	.5	.4	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
340.	.1	.2	.0	.4	.6	.4	.3	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
345.	.1	.1	.0	.4	.6	.4	.3	.0	.1	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0
350.	.1	.1	.2	.4	.5	.4	.3	.0	.1	.1	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0

S4B130BP.OUT

355.	*	.1	.0	.3	.5	.5	.4	.3	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	*	.1	.0	.5	.6	.4	.4	.3	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0
MAX	*	.3	.3	.5	.6	.6	.6	.6	.9	1.1	1.1	1.1	.4	.3	.3	.5	.6	.6	.8	.5
DEGR.	*	215	10	0	0	90	90	65	125	235	220	205	190	190	350	130	145	135	120	125
																				120

1

JOB: S4 B130 BRT PM MD117 AND MD 124

RUN: S4 B130 BRT PM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.6	.3	.2	.3	.0
5.	*	.0	.0	.0	.6	.3	.3	.4	.2
10.	*	.0	.0	.0	.6	.4	.3	.4	.1
15.	*	.0	.0	.0	.6	.5	.3	.5	.2
20.	*	.0	.0	.0	.7	.5	.4	.4	.3
25.	*	.0	.0	.0	.7	.6	.4	.6	.4
30.	*	.0	.0	.0	.7	.5	.3	.5	.5
35.	*	.0	.0	.1	.7	.4	.3	.6	.6
40.	*	.0	.0	.1	.6	.2	.4	.8	.6
45.	*	.0	.0	.2	.7	.2	.4	.8	.6
50.	*	.0	.0	.2	.6	.2	.4	.8	.6
55.	*	.0	.0	.3	.6	.3	.6	.7	.5
60.	*	.0	.0	.3	.6	.4	.6	.8	.5
65.	*	.0	.1	.5	.5	.5	.7	.7	.5
70.	*	.0	.1	.5	.6	.5	.8	.6	.5
75.	*	.0	.1	.6	.5	.6	.8	.6	.5
80.	*	.0	.1	.6	.6	.6	.8	.5	.5
85.	*	.0	.0	.5	.6	.7	.7	.5	.5
90.	*	.0	.2	.7	.6	.7	.6	.4	.4
95.	*	.0	.2	.7	.7	.7	.6	.5	.4
100.	*	.2	.2	.7	.5	.6	.6	.5	.4
105.	*	.2	.2	.5	.5	.5	.6	.4	.4
110.	*	.2	.2	.2	.3	.4	.5	.4	.4
115.	*	.3	.2	.2	.3	.5	.5	.4	.4
120.	*	.4	.0	.1	.2	.3	.4	.3	.4
125.	*	.4	.0	.1	.2	.3	.4	.3	.4
130.	*	.3	.0	.1	.2	.3	.5	.4	.4
135.	*	.2	.0	.1	.2	.3	.5	.4	.4
140.	*	.1	.0	.1	.2	.3	.5	.4	.4
145.	*	.1	.0	.1	.2	.4	.5	.4	.4
150.	*	.1	.1	.1	.2	.5	.6	.4	.4
155.	*	.1	.1	.1	.2	.5	.6	.4	.5
160.	*	.1	.1	.1	.2	.5	.6	.4	.5
165.	*	.2	.1	.1	.2	.5	.6	.5	.5
170.	*	.2	.1	.1	.1	.5	.6	.4	.5
175.	*	.1	.1	.1	.1	.6	.5	.4	.5
180.	*	.1	.0	.1	.1	.5	.6	.4	.5
185.	*	.1	.0	.1	.1	.5	.5	.4	.5
190.	*	.1	.0	.1	.1	.5	.5	.4	.4
195.	*	.1	.0	.0	.1	.3	.5	.3	.3
200.	*	.1	.0	.0	.0	.3	.3	.2	.2
205.	*	.1	.0	.0	.0	.3	.2	.1	.2

1

JOB: S4 B130 BRT PM MD117 AND MD 124

RUN: S4 B130 BRT PM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.1	.1	.0	.0
215.	*	.1	.0	.0	.0	.1	.1	.0	.0
220.	*	.1	.0	.0	.0	.1	.1	.0	.0
225.	*	.1	.0	.0	.0	.0	.1	.1	.0
230.	*	.1	.0	.0	.0	.0	.1	.1	.0
235.	*	.1	.0	.0	.0	.0	.1	.2	.0
240.	*	.1	.0	.0	.0	.0	.0	.2	.0
245.	*	.1	.0	.0	.0	.0	.0	.2	.0
250.	*	.1	.0	.0	.0	.0	.0	.3	.0
255.	*	.1	.0	.0	.0	.0	.0	.3	.0
260.	*	.1	.0	.0	.0	.0	.0	.3	.0
265.	*	.1	.0	.0	.0	.0	.0	.3	.0
270.	*	.1	.0	.0	.0	.0	.0	.2	.0
275.	*	.1	.0	.0	.0	.0	.0	.2	.0
280.	*	.2	.0	.0	.0	.0	.0	.2	.0
285.	*	.2	.0	.0	.0	.1	.0	.2	.0
290.	*	.2	.0	.0	.0	.1	.0	.2	.0
295.	*	.2	.0	.0	.0	.2	.0	.2	.0
300.	*	.1	.0	.0	.0	.2	.0	.2	.0
305.	*	.0	.0	.0	.0	.3	.0	.2	.0
310.	*	.0	.0	.0	.1	.5	.0	.2	.0
315.	*	.0	.0	.0	.2	.7	.0	.2	.0
320.	*	.0	.0	.1	.3	.7	.0	.2	.0
325.	*	.0	.0	.1	.4	.7	.1	.2	.0
330.	*	.0	.0	.1	.4	.7	.1	.2	.0
335.	*	.0	.0	.1	.5	.7	.2	.2	.0
340.	*	.0	.0	.0	.5	.6	.2	.3	.0
345.	*	.0	.0	.0	.5	.4	.2	.3	.0
350.	*	.0	.0	.0	.5	.4	.2	.3	.0
355.	*	.0	.0	.0	.6	.3	.2	.3	.0

```

360. * .0 .0 .0 .6 .3 .2 .3 .0
-----*-----
MAX * .4 .2 .7 .7 .8 .8 .6
DEGR. * 120 90 90 20 85 70 50 35

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 235 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 220 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 205 DEGREES FROM REC11.

1

JOB: S4 B130 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:15:57.42

RUN: S4 B130 BRT PM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 215	REC2 10	REC3 0	REC4 0	REC5 90	REC6 90	REC7 65	REC8 125	REC9 235	REC10 220	REC11 205	REC12 190	REC13 190	REC14 350	REC15 130	REC16 145	REC17 135	REC18 120	REC19 125	REC20 120
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.1	.1	.2	.3	.3	.3	.5	.4	.4	.4	.2	.1	.0	.1	.2	.2	.3	.2	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.1	.1	.1	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
42	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B130 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:15:57.42

RUN: S4 B130 BRT PM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 120	REC22 90	REC23 90	REC24 20	REC25 85	REC26 70	REC27 50	REC28 35
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.1	.1	.1	.1
4	.0	.0	.0	.0	.0	.1	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.2	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.1	.2	.0
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0

27	*	.1	.1	.2	.0	.3	.2	.1	.1	S4B130BP.OUT
28	*	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.1	.0	.1	.1	.1	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.1	.1	.4	.6	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	

S4B230BA.DAT

S4 B230 BRT AM MD117 AND MD 124	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	249666.	537078.	5.		
REC 2	164'	SE CORNER	249727.	537310.	5.		
REC 3	82'	SE CORNER	249751.	537379.	5.		
REC 4		SE CORNER	249778.	537461.	5.		
REC 5	82'	ES CORNER	249841.	537465.	5.		
REC 6	164'	ES CORNER	249914.	537440.	5.		
REC 7	400'	ES CORNER	250129.	537367.	5.		
REC 8	400'	EN CORNER	250154.	537525.	5.		
REC 9	164'	EN CORNER	249923.	537602.	5.		
REC 10	82'	EN CORNER	249855.	537627.	5.		
REC 11		NE CORNER	249816.	537643.	5.		
REC 12	82'	NE CORNER	249848.	537754.	5.		
REC 13	164'	NE CORNE	249879.	537812.	5.		
REC 14	400'	NE CORNE	249927.	538052.	5.		
REC 15	400'	NW CORNE	249747.	538096.	5.		
REC 16	164'	NW CORNE	249669.	537877.	5.		
REC 17	82'	NW CORNER	249647.	537798.	5.		
REC 18		NW CORNER	249619.	537740.	5.		
REC 19	82'	WN CORNER	249516.	537732.	5.		
REC 20	164'	WN CORNE	249442.	537759.	5.		
REC 21	400'	WN CORNE	249222.	537845.	5.		
REC 22	400'	WS CORNE	249251.	537685.	5.		
REC 23	164'	WS CORNE	249460.	537602.	5.		
REC 24	82'	WS CORNER	249538.	537574.	5.		
REC 25		SW CORNER	249606.	537549.	5.		
REC 26	82'	SW CORNER	249586.	537467.	5.		
REC 27	164'	SW CORNE	249565.	537390.	5.		
REC 28	400'	SW CORNE	249508.	537163.	5.		

S4 B230 BRT AM 117 AND 124	44	1	1

1							
1	NB MD 124	AG249425.536620.249516.536959.	1200	2.7	0.56.	35.	
2	NB MD 124	AG249516.536959.249590.537204.	1200	2.7	0.56.	35.	
2	NB MD 124	TAG249590.537204.249702.537594.	825	2.7	0.44.	35.	
3	NB MD124	TQAG249678.537512.249625.537327.	0.	24.	2		
150	118	4.0 825 29.1 1770 3 3					
43	NB MD 124	RAG249840.537514.249763.537522.	350	2.7	0.32.	35.	
43	NB MD 124	RAG249763.537522.249693.537480.	350	2.7	0.32.	35.	
41	NB MD 124	RAG249756.537518.249701.537485.	0.	12.	1		
150	118	4.0 350 29.1 1583 3 3					
43	NB MD 124	RAG249693.537480.249644.537326.	350	2.7	0.32.	35.	
5	NB MD 124	LAG249605.537313.249683.537596.	25	2.7	0.32.	35.	
6	NB MD124	LQAG249661.537516.249612.537336.	0.	12.	1		
150	143	4.0 25 29.1 1770 3 3					
12	NB MD 124	AG249702.537593.249777.537853.	1825	2.7	0.56.	35.	
13	NB MD 124	AG249777.537853.249889.538323.	1825	2.7	0.56.	35.	
14	NB MD 124	AG249889.538323.249950.538548.	1825	2.7	0.56.	35.	
15	SB MD 124	AG249921.538556.249734.537927.	2850	2.7	0.56.	35.	
16	SB MD 124	TAG249734.537927.249649.537602.	1800	2.7	0.56.	35.	
17	SB MD124	TQAG249668.537671.249707.537823.	0.	24.	2		
150	72	4.0 1800 29.1 1770 3 3					
43	SB MD 124	RAG249561.537685.249660.537714.	25	2.7	0.32.	35.	
41	SB MD 124	RAG249597.537695.249653.537712.	0.	12.	1		
150	72	4.0 25 29.1 1583 3 3					
43	SB MD 124	RAG249660.537714.249717.537914.	25	2.7	0.32.	35.	
18	SB MD 124	LAG249762.537910.249685.537600.	1025	2.7	0.32.	35.	
19	SB MD124	LQAG249699.537658.249749.537858.	0.	12.	1		
150	98	4.0 1025 29.1 1770 3 3					
24	SB MD 124	AG249648.537602.249582.537321.	2075	2.7	0.56.	35.	
25	SB MD 124	AG249582.537321.249459.536867.	2075	2.7	0.56.	35.	
26	SB MD 124	AG249459.536867.249382.536635.	2075	2.7	0.56.	35.	
27	WB MD 117	AG250637.537299.250150.537475.	2500	2.7	0.68.	35.	
29	WB MD 117	TAG250150.537475.249688.537635.	1275	2.7	0.56.	35.	
28	WB MD117	TAG249740.537617.249931.537550.	0.	36.	3		
150	116	4.0 1275 29.1 1667 3 3					
30	WB MD 117	LAG250149.537454.249681.537607.	250	2.7	0.32.	35.	
31	WB MD117	L AG249738.537589.249928.537525.	0.	24.	2		
150	116	4.0 250 29.1 1717 3 3					
43	WB MD 117	RAG249745.537744.249760.537660.	975	2.7	0.15.	35.	
43	WB MD 117	RAG249760.537660.249799.537616.	975	2.7	0.32.	35.	
43	WB MD 117	RAG249799.537616.250052.537524.	975	2.7	0.32.	35.	
34	WB MD 117	AG249686.537635.249116.537854.	1325	2.7	0.56.	35.	
35	WB MD 117	AG249116.537854.248794.538054.	1325	2.7	0.56.	35.	

S4B230BA.DAT

1									
36	1	EB MD 117	AG248783.538023.249216.537752.	1500	2.7	0.	44.	35.	
37	1	EB MD 117	AG249216.537752.249407.537682.	1500	2.7	0.	68.	35.	
37	1	EB MD 117	TAG249407.537682.249665.537571.	1475	2.7	0.	68.	35.	
39	2	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4			
150		114	4.0 1475 29.1 1667 3 3						
40	1	EB MD 117	LAG249269.537745.249671.537601.	25	2.7	0.	44.	35.	
41	2	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2			
150		114	4.0 25 29.1 1717 3 3						
42	1	EB MD 117	AG249664.537572.249967.537475.	2825	2.7	0.	56.	35.	
43	1	EB MD 117	AG249967.537475.250575.537273.	2825	2.7	0.	68.	35.	
1		NB BRT	AG250038.538520.249514.536587.	23	0.4	0.	32.	26.	
1		SB BRT	AG249461.536620.249999.538536.	30	0.4	0.	32.	26.	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S4 B230 BRT AM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:11:31.05

RUN: S4 B230 BRT AM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1200.	2.7	.0	56.0	
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1200.	2.7	.0	56.0	
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	825.	2.7	.0	44.0	
4. 3	NB MD124TQ*	249678.0	537512.0	249286.1	536143.6	*	1423.	196. AG	123.	100.0	.0	24.0	1.35 72.3
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	350.	2.7	.0	32.0	
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	350.	2.7	.0	32.0	
7. 41	NB MD 124R*	249756.0	537518.0	248832.6	536964.7	*	1077.	239. AG	61.	100.0	.0	12.0	1.28 54.7
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	350.	2.7	.0	32.0	
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0	
10. 6	NB MD124LQ*	249661.0	537516.0	249610.0	537328.5	*	194.	195. AG	74.	100.0	.0	12.0	2.27 9.9
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	1825.	2.7	.0	56.0	
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	1825.	2.7	.0	56.0	
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	1825.	2.7	.0	56.0	
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	2850.	2.7	.0	56.0	
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	1800.	2.7	.0	56.0	
16. 17	SB MD124TQ*	249668.0	537671.0	249918.1	538645.5	*	1006.	14. AG	75.	100.0	.0	24.0	1.06 51.1
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	25.	2.7	.0	32.0	
18. 41	SB MD 124R*	249597.0	537695.0	249606.4	537697.9	*	10.	73. AG	37.	100.0	.0	12.0	.03 .5
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	25.	2.7	.0	32.0	
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1025.	2.7	.0	32.0	
21. 19	SB MD124LQ*	249699.0	537658.0	251037.0	543009.8	*	5516.	14. AG	51.	100.0	.0	12.0	1.89 280.2
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	2075.	2.7	.0	56.0	
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	2075.	2.7	.0	56.0	
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	2075.	2.7	.0	56.0	
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2500.	2.7	.0	68.0	
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1275.	2.7	.0	56.0	
27. 28	WB MD117T	* 249740.0	537617.0	251163.5	537117.6	*	1509.	109. AG	181.	100.0	.0	36.0	1.37 76.6
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	250.	2.7	.0	32.0	
29. 31	WB MD117L	* 249738.0	537589.0	249813.1	537563.7	*	79.	109. AG	121.	100.0	.0	24.0	.39 4.0
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	975.	2.7	.0	15.0	
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	975.	2.7	.0	32.0	
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	975.	2.7	.0	32.0	
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1325.	2.7	.0	56.0	
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1325.	2.7	.0	56.0	
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	1500.	2.7	.0	44.0	
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	1500.	2.7	.0	68.0	
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	1475.	2.7	.0	68.0	
38. 39	EB MD 117T*	249600.0	537599.0	248982.8	537864.1	*	672.	293. AG	237.	100.0	.0	48.0	1.11 34.1
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	25.	2.7	.0	44.0	
40. 41	EB MD 117L*	249626.0	537617.0	249619.0	537619.5	*	7.	290. AG	119.	100.0	.0	24.0	.03 .4
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	2825.	2.7	.0	56.0	
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	2825.	2.7	.0	68.0	
43.	NB BRT	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	23.	.4	.0	32.0	
44.	SB BRT	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	30.	.4	.0	32.0	

JOB: S4 B230 BRT AM MD117 AND MD 124
DATE: 01/09/2007 TIME: 16:11:31.05

RUN: S4 B230 BRT AM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	118	4.0	825	1770	29.10	3	3
7. 41	NB MD 124R*	150	118	4.0	350	1583	29.10	3	3
10. 6	NB MD124LQ*	150	143	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	72	4.0	1800	1770	29.10	3	3
18. 41	SB MD 124R*	150	72	4.0	25	1583	29.10	3	3
21. 19	SB MD124LQ*	150	98	4.0	1025	1770	29.10	3	3
27. 28	WB MD117T	150	116	4.0	1275	1667	29.10	3	3
29. 31	WB MD117L	150	116	4.0	250	1717	29.10	3	3
38. 39	EB MD 117T*	150	114	4.0	1475	1667	29.10	3	3
40. 41	EB MD 117L*	150	114	4.0	25	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B230BA.OUT

20. REC 20 164' WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21 400' WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22 400' WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23 164' WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24 82' WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25 SW CORNER *	249606.0	537549.0	5.0 *
26. REC 26 82' SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27 164' SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28 400' SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B230 BRT AM MD117 AND MD 124

RUN: S4 B230 BRT AM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.2	.4	.7	.4	.4	.4	.0	.0	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0
5.	.1	.4	.5	.6	.4	.4	.4	.0	.0	.1	.4	.4	.2	.1	.2	.0	.0	.0	.0	.0
10.	.1	.3	.4	.5	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.3	.2	.2	.2	.0	.0
15.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.3	.0	.0
20.	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.0	.0
25.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.6	.5	.6	.4	.2	.0
30.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.8	.6	.6	.6	.2	.0
35.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.8	.6	.6	.6	.2	.1
40.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.5	.2	.2
45.	.1	.2	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.4	.2	.2
50.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.6	.5	.3	.1	.2
55.	.1	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.6	.5	.3	.1	.1
60.	.1	.1	.3	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.7	.6	.3	.3	.1	.1
65.	.1	.2	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.4	.2	.1
70.	.1	.2	.3	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.2	.1
75.	.1	.2	.3	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.2	.1
80.	.1	.2	.3	.4	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.2	.0
85.	.1	.2	.3	.4	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.2	.0
90.	.0	.2	.3	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.2	.0
95.	.0	.1	.2	.5	.7	.6	.6	.1	.1	.1	.1	.0	.0	.0	.6	.3	.4	.3	.3	.1
100.	.0	.1	.2	.3	.7	.5	.5	.2	.2	.2	.2	.0	.0	.0	.6	.3	.4	.4	.4	.2
105.	.0	.0	.1	.3	.3	.5	.4	.3	.4	.3	.3	.0	.0	.0	.6	.3	.5	.5	.4	.3
110.	.0	.0	.0	.2	.2	.2	.2	.4	.6	.7	.6	.1	.0	.0	.6	.4	.5	.5	.5	.3
115.	.0	.0	.0	.1	.2	.2	.2	.7	.8	.9	.9	.1	.1	.0	.6	.5	.6	.6	.5	.3
120.	.0	.0	.0	.0	.0	.1	.0	.8	.9	.9	.8	.2	.1	.0	.6	.5	.6	.8	.4	.6
125.	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.8	.8	.3	.1	.0	.7	.6	.7	.9	.4	.5
130.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.8	.3	.2	.1	.7	.6	.6	.7	.5	.6
135.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.3	.3	.1	.7	.6	.6	.7	.5	.6
140.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.9	.9	.3	.3	.1	.7	.6	.7	.5	.3	.6
145.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.8	.3	.3	.1	.7	.6	.6	.4	.4	.7
150.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.7	.7	.3	.3	.1	.8	.5	.5	.3	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.7	.2	.1	.1	.8	.6	.5	.3	.7	.7
160.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.7	.7	.2	.1	.1	.8	.6	.5	.4	.7	.7
165.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.3	.1	.1	.8	.4	.3	.4	.7	.7
170.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.7	.3	.1	.1	.8	.4	.3	.4	.7	.7
175.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.9	.3	.3	.4	.7	.7
180.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.1	.1	.7	.3	.3	.4	.7	.7
185.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.8	.3	.2	.1	.7	.3	.4	.4	.7	.7
190.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.9	.4	.2	.1	.6	.4	.3	.6	.7	.6
195.	.1	.1	.1	.1	.0	.0	.0	.6	.7	.8	.9	.5	.3	.2	.5	.2	.2	.5	.6	.6
200.	.1	.1	.1	.1	.1	.0	.0	.6	.8	.8	.9	.5	.3	.2	.4	.2	.2	.5	.6	.5
205.	.1	.2	.2	.2	.1	.1	.0	.6	.8	.9	1.0	.4	.2	.1	.3	.1	.2	.4	.6	.5

1

JOB: S4 B230 BRT AM MD117 AND MD 124

RUN: S4 B230 BRT AM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.2	.2	.2	.1	.1	.0	.6	.8	.9	1.1	.3	.2	.1	.1	.1	.2	.5	.6	.5
215.	.2	.3	.3	.3	.1	.1	.0	.6	.8	.9	1.1	.3	.2	.1	.1	.2	.2	.5	.6	.6
220.	.2	.3	.3	.3	.1	.1	.0	.7	.8	1.0	.9	.3	.2	.3	.1	.2	.2	.5	.6	.6
225.	.2	.3	.3	.3	.1	.1	.1	.7	.8	1.0	1.1	.3	.1	.3	.1	.2	.2	.5	.6	.6
230.	.3	.3	.3	.2	.1	.1	.1	.7	.9	1.0	1.1	.2	.2	.3	.1	.2	.2	.5	.6	.6
235.	.3	.3	.3	.2	.1	.1	.1	.7	.9	1.1	1.0	.2	.2	.3	.1	.2	.2	.4	.6	.6
240.	.3	.3	.3	.2	.1	.1	.1	.7	.9	1.1	.8	.2	.2	.4	.1	.2	.2	.4	.6	.6
245.	.2	.3	.1	.4	.2	.1	.1	.7	1.0	.9	.8	.2	.4	.4	.1	.2	.2	.4	.5	.6
250.	.2	.2	.2	.4	.2	.1	.1	.7	.9	.8	.6	.4	.5	.4	.1	.2	.2	.4	.5	.6
255.	.2	.2	.2	.4	.2	.2	.1	.7	.8	.9	.6	.5	.5	.4	.1	.2	.2	.4	.6	.6
260.	.2	.3	.2	.4	.2	.2	.1	.8	.9	.7	.6	.5	.5	.4	.0	.2	.2	.4	.7	.7
265.	.2	.2	.4	.4	.2	.2	.1	.7	.9	.6	.6	.5	.4	.3	.0	.1	.2	.4	.7	.7
270.	.2	.2	.4	.4	.2	.2	.0	.8	.9	.5	.8	.5	.4	.3	.0	.1	.2	.4	.7	.6
275.	.2	.1	.4	.4	.3	.2	.0	.7	.8	.8	.7	.4	.4	.3	.0	.1	.1	.4	.6	.6
280.	.2	.1	.4	.4	.3	.2	.1	.7	.6	.7	.7	.4	.4	.3	.0	.0	.1	.3	.6	.5
285.	.2	.2	.4	.4	.5	.2	.2	.5	.5	.5	.6	.4	.1	.3	.0	.0	.1	.2	.5	.5
290.	.2	.2	.5	.5	.4	.3	.4	.4	.2	.3	.5	.3	.1	.3	.0	.0	.0	.1	.3	.3
295.	.2	.3	.5	.6	.4	.3	.4	.2	.2	.2	.4	.3	.1	.3	.0	.0	.0	.1	.2	.2
300.	.2	.4	.6	.6	.5	.4	.4	.1	.0	.2	.3	.3	.1	.3	.0	.0	.0	.0	.2	.2
305.	.2	.4	.6	.7	.4	.5	.6	.0	.0	.2	.3	.3	.2	.3	.0	.0	.0	.0	.1	.1
310.	.2	.5	.7	.6	.3	.5	.6	.0	.0	.2	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	.3	.5	.5	.4	.5	.5	.5	.0	.0	.2	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
320.	.3	.5	.5	.3	.4	.5	.6	.0	.0	.2	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0
325.	.3	.5	.5	.3	.4	.4	.6	.0	.0	.2	.3	.1	.3	.3	.0	.0	.0	.0	.0	.0
330.	.3	.5	.3	.2	.5	.5	.6	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
335.	.4	.3	.2	.1	.6	.5	.6	.0	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.3	.3	.1	.6	.6	.5	.4	.0	.2	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0
345.	.3	.2	.1	.6	.6	.4	.4	.0	.2	.2	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0
350.	.2	.1	.2	.6	.6	.4	.4	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0

S4B230BA.OUT

355.	*	.2	.1	.3	.6	.5	.4	.4	.0	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0
360.	*	.1	.2	.4	.7	.4	.4	.4	.0	.0	.3	.4	.4	.2	.0	.0	.0	.0	.0
MAX	*	.4	.5	.7	.7	.7	.6	.7	.8	1.0	1.1	1.1	.5	.5	.4	.9	.7	.7	.9
DEGR.	*	335	310	310	0	95	70	85	260	245	235	210	195	250	240	175	40	125	125
																		150	145

1

JOB: S4 B230 BRT AM MD117 AND MD 124

RUN: S4 B230 BRT AM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.7	.7	.8	.4	.4	.5	.2
5.	*	.0	.7	.7	.8	.7	.4	.4	.2
10.	*	.0	.7	.7	.8	.7	.6	.5	.3
15.	*	.0	.7	.7	.9	.8	.7	.7	.4
20.	*	.0	.7	.7	1.1	.6	.5	.6	.4
25.	*	.0	.7	.8	1.1	.7	.6	.7	.4
30.	*	.0	.7	.9	1.2	.6	.6	.5	.5
35.	*	.0	.7	.9	1.0	.6	.3	.8	.5
40.	*	.0	.7	.8	.9	.5	.4	.9	.5
45.	*	.0	.7	.7	.8	.5	.4	.9	.5
50.	*	.0	.7	.7	.9	.4	.4	.9	.5
55.	*	.0	.7	.7	.8	.6	.5	.9	.5
60.	*	.0	.7	.8	.7	.6	.6	.9	.5
65.	*	.0	.7	.7	.7	.5	.7	.8	.5
70.	*	.0	.8	.7	.5	.8	.8	.8	.5
75.	*	.0	.8	.7	.5	.8	.8	.8	.6
80.	*	.0	.8	.7	.7	.9	.8	.6	.6
85.	*	.0	.8	.7	.7	1.0	.9	.7	.6
90.	*	.0	.8	.8	.7	.9	1.0	.7	.6
95.	*	.0	.8	.7	.7	.8	.9	.7	.5
100.	*	.2	.8	.6	.7	.8	.8	.6	.5
105.	*	.3	.6	.6	.6	.7	.7	.6	.5
110.	*	.3	.4	.5	.5	.7	.7	.5	.5
115.	*	.5	.3	.4	.4	.5	.6	.5	.5
120.	*	.6	.1	.2	.2	.4	.6	.5	.5
125.	*	.7	.0	.2	.2	.5	.6	.5	.5
130.	*	.6	.0	.2	.2	.5	.6	.5	.5
135.	*	.8	.1	.2	.3	.5	.6	.5	.5
140.	*	.8	.1	.2	.3	.6	.6	.5	.5
145.	*	.7	.1	.1	.3	.6	.6	.4	.5
150.	*	.8	.1	.1	.3	.6	.6	.4	.5
155.	*	.8	.1	.1	.2	.6	.6	.4	.5
160.	*	.7	.1	.1	.2	.6	.6	.5	.5
165.	*	.7	.1	.1	.2	.6	.6	.4	.5
170.	*	.6	.1	.1	.2	.6	.6	.4	.5
175.	*	.5	.0	.1	.2	.7	.6	.4	.6
180.	*	.5	.0	.1	.2	.8	.6	.5	.5
185.	*	.5	.0	.1	.2	.6	.6	.5	.4
190.	*	.5	.0	.1	.1	.6	.6	.5	.4
195.	*	.6	.0	.0	.1	.5	.4	.3	.4
200.	*	.6	.0	.0	.0	.3	.4	.2	.2
205.	*	.6	.0	.0	.1	.3	.3	.2	.2

1

JOB: S4 B230 BRT AM MD117 AND MD 124

RUN: S4 B230 BRT AM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.6	.0	.0	.1	.2	.1	.0	.1
215.	*	.6	.0	.0	.1	.1	.1	.0	.0
220.	*	.6	.0	.0	.0	.1	.1	.1	.0
225.	*	.6	.0	.0	.0	.1	.1	.1	.0
230.	*	.6	.0	.0	.0	.1	.1	.2	.0
235.	*	.6	.0	.0	.0	.0	.1	.2	.0
240.	*	.6	.0	.0	.0	.0	.1	.3	.0
245.	*	.6	.0	.0	.0	.0	.1	.3	.0
250.	*	.6	.0	.0	.0	.0	.0	.3	.0
255.	*	.6	.0	.0	.0	.0	.0	.3	.0
260.	*	.6	.0	.0	.0	.0	.0	.3	.0
265.	*	.6	.0	.0	.0	.0	.0	.3	.0
270.	*	.5	.0	.0	.0	.0	.0	.3	.0
275.	*	.6	.0	.0	.0	.1	.0	.3	.0
280.	*	.5	.0	.1	.1	.1	.0	.2	.0
285.	*	.4	.1	.2	.2	.2	.0	.2	.0
290.	*	.4	.1	.3	.3	.5	.1	.2	.0
295.	*	.2	.2	.4	.5	.7	.1	.2	.0
300.	*	.1	.4	.6	.7	.8	.2	.3	.0
305.	*	.0	.5	.7	.8	.9	.2	.3	.0
310.	*	.0	.6	.8	.8	1.0	.3	.4	.0
315.	*	.0	.6	.9	.9	.9	.3	.4	.0
320.	*	.0	.7	1.0	.9	.9	.3	.4	.1
325.	*	.0	.8	.8	.9	.8	.3	.4	.1
330.	*	.0	.8	.8	.9	.8	.3	.4	.1
335.	*	.0	.8	.8	.9	.7	.4	.4	.1
340.	*	.0	.7	.8	.8	.7	.4	.4	.1
345.	*	.0	.6	.8	.8	.6	.4	.4	.1
350.	*	.0	.7	.8	.8	.5	.4	.4	.1
355.	*	.0	.7	.7	.8	.5	.3	.4	.1

```

360. * .0 .7 .7 .8 .4 .4 .5 .2
-----*-----
MAX * .8 .8 1.0 1.2 1.0 1.0 .9 .6
DEGR. * 135 70 320 30 85 90 40 75

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 30 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 235 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 210 DEGREES FROM REC11.

1

JOB: S4 B230 BRT AM MD117 AND MD 124
 DATE: 01/09/2007 TIME: 16:11:31.05

RUN: S4 B230 BRT AM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 335	REC2 310	REC3 310	REC4 0	REC5 95	REC6 70	REC7 85	REC8 260	REC9 245	REC10 235	REC11 210	REC12 195	REC13 250	REC14 240	REC15 175	REC16 40	REC17 125	REC18 125	REC19 150	REC20 145
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
22	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.2	.3	.3	.3	.5	.4	.4	.4	.2	.0	.0	.1	.0	.2	.3	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.3	.4
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
42	.0	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B230 BRT AM MD117 AND MD 124
 DATE: 01/09/2007 TIME: 16:11:31.05

RUN: S4 B230 BRT AM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 135	REC22 70	REC23 320	REC24 30	REC25 85	REC26 90	REC27 40	REC28 75
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.2	.1	.2
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.1	.3	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.1	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.2	.2	.2	.0
23	.0	.0	.0	.0	.0	.0	.0	.2
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.0	.0	.0

27	*	.0	.0	.0	.0	.3	.2	.1	.1	S4B230BA.OUT
28	*	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.1	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.2	.1	.1	.1	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.1	.0	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.1	.0	.0	.0	
38	*	.5	.6	.7	.6	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.2	.1	.1	.0	
42	*	.0	.0	.0	.0	.0	.1	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	

S4B230BP.DAT

S4 B230 BRT PM MD117 AND MD 124 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	249666.	537078.	5.				
REC 2	164'	SE CORNER	249727.	537310.	5.				
REC 3	82'	SE CORNER	249751.	537379.	5.				
REC 4		SE CORNER	249778.	537461.	5.				
REC 5	82'	ES CORNER	249841.	537465.	5.				
REC 6	164'	ES CORNER	249914.	537440.	5.				
REC 7	400'	ES CORNER	250129.	537367.	5.				
REC 8	400'	EN CORNER	250154.	537525.	5.				
REC 9	164'	EN CORNER	249923.	537602.	5.				
REC 10	82'	EN CORNER	249855.	537627.	5.				
REC 11		NE CORNER	249816.	537643.	5.				
REC 12	82'	NE CORNER	249848.	537754.	5.				
REC 13	164'	NE CORNE	249879.	537812.	5.				
REC 14	400'	NE CORNE	249927.	538052.	5.				
REC 15	400'	NW CORNE	249747.	538096.	5.				
REC 16	164'	NW CORNE	249669.	537877.	5.				
REC 17	82'	NW CORNER	249647.	537798.	5.				
REC 18		NW CORNER	249619.	537740.	5.				
REC 19	82'	WN CORNER	249516.	537732.	5.				
REC 20	164'	WN CORNE	249442.	537759.	5.				
REC 21	400'	WN CORNE	249222.	537845.	5.				
REC 22	400'	WS CORNE	249251.	537685.	5.				
REC 23	164'	WS CORNE	249460.	537602.	5.				
REC 24	82'	WS CORNER	249538.	537574.	5.				
REC 25		SW CORNER	249606.	537549.	5.				
REC 26	82'	SW CORNER	249586.	537467.	5.				
REC 27	164'	SW CORNE	249565.	537390.	5.				
REC 28	400'	SW CORNE	249508.	537163.	5.				
S4 B230	BRT PM	117 AND 124				44	1	1	
1									
1		NB MD 124	AG249425.536620.249516.536959.			1700	2.7	0.56.	35.
2		NB MD 124	AG249516.536959.249590.537204.			1700	2.7	0.56.	35.
1									
2		NB MD 124	TAG249590.537204.249702.537594.			1250	2.7	0.44.	35.
2									
3		NB MD124	TQAG249678.537512.249625.537327.			0.	24.	2	
150		107	4.0 1250 29.1 1770 3 3						
1									
43		NB MD 124	RAG249840.537514.249763.537522.			425	2.7	0.32.	35.
1									
43		NB MD 124	RAG249763.537522.249693.537480.			425	2.7	0.32.	35.
2									
41		NB MD 124	RAG249756.537518.249701.537485.			0.	12.	1	
150		107	4.0 425 29.1 1583 3 3						
1									
43		NB MD 124	RAG249693.537480.249644.537326.			425	2.7	0.32.	35.
1									
5		NB MD 124	LAG249605.537313.249683.537596.			25	2.7	0.32.	35.
2									
6		NB MD124	LQAG249661.537516.249612.537336.			0.	12.	1	
150		142	4.0 25 29.1 1770 3 3						
1									
12		NB MD 124	AG249702.537593.249777.537853.			2450	2.7	0.56.	35.
1									
13		NB MD 124	AG249777.537853.249889.538323.			2450	2.7	0.56.	35.
1									
14		NB MD 124	AG249889.538323.249950.538548.			2450	2.7	0.56.	35.
1									
15		SB MD 124	AG249921.538556.249734.537927.			1950	2.7	0.56.	35.
1									
16		SB MD 124	TAG249734.537927.249649.537602.			875	2.7	0.56.	35.
2									
17		SB MD124	TQAG249668.537671.249707.537823.			0.	24.	2	
150		60	4.0 875 29.1 1770 3 3						
1									
43		SB MD 124	RAG249561.537685.249660.537714.			50	2.7	0.32.	35.
2									
41		SB MD 124	RAG249597.537695.249653.537712.			0.	12.	1	
150		60	4.0 50 29.1 1583 3 3						
1									
43		SB MD 124	RAG249660.537714.249717.537914.			50	2.7	0.32.	35.
1									
18		SB MD 124	LAG249762.537910.249685.537600.			1025	2.7	0.32.	35.
2									
19		SB MD124	LQAG249699.537658.249749.537858.			0.	12.	1	
150		95	4.0 1025 29.1 1770 3 3						
1									
24		SB MD 124	AG249648.537602.249582.537321.			1400	2.7	0.56.	35.
1									
25		SB MD 124	AG249582.537321.249459.536867.			1400	2.7	0.56.	35.
1									
26		SB MD 124	AG249459.536867.249382.536635.			1400	2.7	0.56.	35.
1									
27		WB MD 117	AG250637.537299.250150.537475.			2825	2.7	0.68.	35.
1									
29		WB MD 117	TAG250150.537475.249688.537635.			1175	2.7	0.56.	35.
2									
28		WB MD117	TAG249740.537617.249931.537550.			0.	36.	3	
150		117	4.0 1175 29.1 1695 3 3						
1									
30		WB MD 117	LAG250149.537454.249681.537607.			500	2.7	0.32.	35.
2									
31		WB MD117	L AG249738.537589.249928.537525.			0.	24.	2	
150		117	4.0 500 29.1 1717 3 3						
1									
43		WB MD 117	RAG249745.537744.249760.537660.			1150	2.7	0.15.	35.
1									
43		WB MD 117	RAG249760.537660.249799.537616.			1150	2.7	0.32.	35.
1									
43		WB MD 117	RAG249799.537616.250052.537524.			1150	2.7	0.32.	35.
1									
34		WB MD 117	AG249686.537635.249116.537854.			1250	2.7	0.56.	35.
1									
35		WB MD 117	AG249116.537854.248794.538054.			1250	2.7	0.56.	35.

Page 1

S4B230BP.DAT

1									
36	EB MD 117	AG248783.538023.249216.537752.	575	2.7	0.	44.	35.		
1									
37	EB MD 117	AG249216.537752.249407.537682.	575	2.7	0.	68.	35.		
1									
37	EB MD 117	TAG249407.537682.249665.537571.	525	2.7	0.	68.	35.		
2									
39	EB MD 117	TAG249600.537599.249437.537669.	0.	48.	4				
150	126	4.0 525 29.1 1667 3 3							
1									
40	EB MD 117	LAG249269.537745.249671.537601.	50	2.7	0.	44.	35.		
2									
41	EB MD 117	LAG249626.537617.249437.537685.	0.	24.	2				
150	126	4.0 50 29.1 1717 3 3							
1									
42	EB MD 117	AG249664.537572.249967.537475.	1950	2.7	0.	56.	35.		
1									
43	EB MD 117	AG249967.537475.250575.537273.	1950	2.7	0.	68.	35.		
1									
1	NB BRT	AG250038.538520.249514.536587.	12	0.4	0.	32.	26.		
1									
1.0	SB BRT	AG249461.536620.249999.538536.	12	0.4	0.	32.	26.		
0.4	1000. 0.0Y	5 0 72							

JOB: S4 B230 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:20:57.26

RUN: S4 B230 BRT PM 117 AND 124

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB MD 124	* 249425.0	536620.0	249516.0	536959.0	*	351.	15. AG	1700.	2.7	.0	56.0		
2. 2	NB MD 124	* 249516.0	536959.0	249590.0	537204.0	*	256.	17. AG	1700.	2.7	.0	56.0		
3. 2	NB MD 124T	* 249590.0	537204.0	249702.0	537594.0	*	406.	16. AG	1250.	2.7	.0	44.0		
4. 3	NB MD124TQ*	249678.0	537512.0	249025.3	535232.6	*	2371.	196. AG	111.	100.0	.0	24.0	1.43	120.4
5. 43	NB MD 124R*	249840.0	537514.0	249763.0	537522.0	*	77.	276. AG	425.	2.7	.0	32.0		
6. 43	NB MD 124R*	249763.0	537522.0	249693.0	537480.0	*	82.	239. AG	425.	2.7	.0	32.0		
7. 41	NB MD 124R*	249756.0	537518.0	249157.7	537159.5	*	698.	239. AG	56.	100.0	.0	12.0	1.09	35.4
8. 43	NB MD 124R*	249693.0	537480.0	249644.0	537326.0	*	162.	198. AG	425.	2.7	.0	32.0		
9. 5	NB MD 124L*	249605.0	537313.0	249683.0	537596.0	*	294.	15. AG	25.	2.7	.0	32.0		
10. 6	NB MD124LQ*	249661.0	537516.0	249644.0	537453.7	*	65.	195. AG	74.	100.0	.0	12.0	1.09	3.3
11. 12	NB MD 124	* 249702.0	537593.0	249777.0	537853.0	*	271.	16. AG	2450.	2.7	.0	56.0		
12. 13	NB MD 124	* 249777.0	537853.0	249889.0	538323.0	*	483.	13. AG	2450.	2.7	.0	56.0		
13. 14	NB MD 124	* 249889.0	538323.0	249950.0	538548.0	*	233.	15. AG	2450.	2.7	.0	56.0		
14. 15	SB MD 124	* 249921.0	538556.0	249734.0	537927.0	*	656.	197. AG	1950.	2.7	.0	56.0		
15. 16	SB MD 124T*	249734.0	537927.0	249649.0	537602.0	*	336.	195. AG	875.	2.7	.0	56.0		
16. 17	SB MD124TQ*	249668.0	537671.0	249703.6	537809.9	*	143.	14. AG	62.	100.0	.0	24.0	.44	7.3
17. 43	SB MD 124R*	249561.0	537685.0	249660.0	537714.0	*	103.	74. AG	50.	2.7	.0	32.0		
18. 41	SB MD 124R*	249597.0	537695.0	249612.7	537699.8	*	16.	73. AG	31.	100.0	.0	12.0	.06	.8
19. 43	SB MD 124R*	249660.0	537714.0	249717.0	537914.0	*	208.	16. AG	50.	2.7	.0	32.0		
20. 18	SB MD 124L*	249762.0	537910.0	249685.0	537600.0	*	319.	194. AG	1025.	2.7	.0	32.0		
21. 19	SB MD124LQ*	249699.0	537658.0	250945.3	542643.2	*	5139.	14. AG	49.	100.0	.0	12.0	1.77	261.0
22. 24	SB MD 124	* 249648.0	537602.0	249582.0	537321.0	*	289.	193. AG	1400.	2.7	.0	56.0		
23. 25	SB MD 124	* 249582.0	537321.0	249459.0	536867.0	*	470.	195. AG	1400.	2.7	.0	56.0		
24. 26	SB MD 124	* 249459.0	536867.0	249382.0	536635.0	*	244.	198. AG	1400.	2.7	.0	56.0		
25. 27	WB MD 117	* 250637.0	537299.0	250150.0	537475.0	*	518.	290. AG	2825.	2.7	.0	68.0		
26. 29	WB MD 117T*	250150.0	537475.0	249688.0	537635.0	*	489.	289. AG	1175.	2.7	.0	56.0		
27. 28	WB MD117T	* 249740.0	537617.0	250877.3	537218.1	*	1205.	109. AG	183.	100.0	.0	36.0	1.28	61.2
28. 30	WB MD 117L*	250149.0	537454.0	249681.0	537607.0	*	492.	288. AG	500.	2.7	.0	32.0		
29. 31	WB MD117L	* 249738.0	537589.0	249901.8	537533.8	*	173.	109. AG	122.	100.0	.0	24.0	.81	8.8
30. 43	WB MD 117R*	249745.0	537744.0	249760.0	537660.0	*	85.	170. AG	1150.	2.7	.0	15.0		
31. 43	WB MD 117R*	249760.0	537660.0	249799.0	537616.0	*	59.	138. AG	1150.	2.7	.0	32.0		
32. 43	WB MD 117R*	249799.0	537616.0	250052.0	537524.0	*	269.	110. AG	1150.	2.7	.0	32.0		
33. 34	WB MD 117	* 249686.0	537635.0	249116.0	537854.0	*	611.	291. AG	1250.	2.7	.0	56.0		
34. 35	WB MD 117	* 249116.0	537854.0	248794.0	538054.0	*	379.	302. AG	1250.	2.7	.0	56.0		
35. 36	EB MD 117	* 248783.0	538023.0	249216.0	537752.0	*	511.	122. AG	575.	2.7	.0	44.0		
36. 37	EB MD 117	* 249216.0	537752.0	249407.0	537682.0	*	203.	110. AG	575.	2.7	.0	68.0		
37. 37	EB MD 117T*	249407.0	537682.0	249665.0	537571.0	*	281.	113. AG	525.	2.7	.0	68.0		
38. 39	EB MD 117T*	249600.0	537599.0	249515.7	537635.2	*	92.	293. AG	262.	100.0	.0	48.0	.65	4.7
39. 40	EB MD 117L*	249269.0	537745.0	249671.0	537601.0	*	427.	110. AG	50.	2.7	.0	44.0		
40. 41	EB MD 117L*	249626.0	537617.0	249609.8	537622.8	*	17.	290. AG	131.	100.0	.0	24.0	.12	.9
41. 42	EB MD 117	* 249664.0	537572.0	249967.0	537475.0	*	318.	108. AG	1950.	2.7	.0	56.0		
42. 43	EB MD 117	* 249967.0	537475.0	250575.0	537273.0	*	641.	108. AG	1950.	2.7	.0	68.0		
43.	NB BRT	* 250038.0	538520.0	249514.0	538587.0	*	2003.	195. AG	12.	.4	.0	32.0		
44.	SB BRT	* 249461.0	536620.0	249999.0	538536.0	*	1990.	16. AG	12.	.4	.0	32.0		

JOB: S4 B230 BRT PM MD117 AND MD 124
DATE: 01/10/2007 TIME: 14:20:57.26

RUN: S4 B230 BRT PM 117 AND 124

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MD124TQ*	150	107	4.0	1250	1770	29.10	3	3
7. 41	NB MD 124R*	150	107	4.0	425	1583	29.10	3	3
10. 6	NB MD124LQ*	150	142	4.0	25	1770	29.10	3	3
16. 17	SB MD124TQ*	150	60	4.0	875	1770	29.10	3	3
18. 41	SB MD 124R*	150	60	4.0	50	1583	29.10	3	3
21. 19	SB MD124LQ*	150	95	4.0	1025	1770	29.10	3	3
27. 28	WB MD117T	150	117	4.0	1175	1695	29.10	3	3
29. 31	WB MD117L	150	117	4.0	500	1717	29.10	3	3
38. 39	EB MD 117T*	150	126	4.0	525	1667	29.10	3	3
40. 41	EB MD 117L*	150	126	4.0	50	1717	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	249666.0	537078.0	5.0	*
2. REC 2 164' SE CORNER	*	249727.0	537310.0	5.0	*
3. REC 3 82' SE CORNER	*	249751.0	537379.0	5.0	*
4. REC 4 SE CORNER	*	249778.0	537461.0	5.0	*
5. REC 5 82' ES CORNER	*	249841.0	537465.0	5.0	*
6. REC 6 164' ES CORNER	*	249914.0	537440.0	5.0	*
7. REC 7 400' ES CORNER	*	250129.0	537367.0	5.0	*
8. REC 8 400' EN CORNER	*	250154.0	537525.0	5.0	*
9. REC 9 164' EN CORNER	*	249923.0	537602.0	5.0	*
10. REC 10 82' EN CORNER	*	249855.0	537627.0	5.0	*
11. REC 11 NE CORNER	*	249816.0	537643.0	5.0	*
12. REC 12 82' NE CORNER	*	249848.0	537754.0	5.0	*
13. REC 13 164' NE CORNE	*	249879.0	537812.0	5.0	*
14. REC 14 400' NE CORNE	*	249927.0	538052.0	5.0	*
15. REC 15 400' NW CORNE	*	249747.0	538096.0	5.0	*
16. REC 16 164' NW CORNE	*	249669.0	537877.0	5.0	*
17. REC 17 82' NW CORNER	*	249647.0	537798.0	5.0	*
18. REC 18 NW CORNER	*	249619.0	537740.0	5.0	*
19. REC 19 82' WN CORNER	*	249516.0	537732.0	5.0	*

S4B230BP.OUT

20. REC 20	164'	WN CORNE *	249442.0	537759.0	5.0 *
21. REC 21	400'	WN CORNE *	249222.0	537845.0	5.0 *
22. REC 22	400'	WS CORNE *	249251.0	537685.0	5.0 *
23. REC 23	164'	WS CORNE *	249460.0	537602.0	5.0 *
24. REC 24	82'	WS CORNER *	249538.0	537574.0	5.0 *
25. REC 25	SW CORNER *		249606.0	537549.0	5.0 *
26. REC 26	82'	SW CORNER *	249586.0	537467.0	5.0 *
27. REC 27	164'	SW CORNE *	249565.0	537390.0	5.0 *
28. REC 28	400'	SW CORNE *	249508.0	537163.0	5.0 *

1

JOB: S4 B230 BRT PM MD117 AND MD 124

RUN: S4 B230 BRT PM 117 AND 124

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.1	.0	.5	.6	.4	.3	.3	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
5.	.1	.2	.5	.5	.5	.3	.3	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
10.	.0	.3	.4	.5	.5	.3	.4	.0	.0	.0	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0
15.	.1	.2	.3	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
20.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0
25.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
30.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
35.	.1	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
40.	.1	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0
45.	.1	.1	.2	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
50.	.1	.1	.2	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
55.	.1	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0
60.	.1	.1	.2	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.4	.0	.0
65.	.1	.1	.2	.4	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
70.	.1	.1	.2	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
75.	.1	.1	.3	.3	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0
80.	.1	.1	.3	.3	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0
85.	.0	.1	.3	.4	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.0
90.	.0	.1	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.0
95.	.0	.1	.2	.4	.6	.6	.5	.1	.1	.1	.1	.0	.0	.0	.3	.3	.3	.2	.2	.1
100.	.0	.1	.1	.4	.4	.5	.4	.2	.2	.2	.1	.0	.0	.0	.4	.3	.3	.3	.2	.2
105.	.0	.0	.1	.2	.4	.4	.3	.3	.4	.3	.2	.0	.0	.0	.4	.3	.4	.4	.4	.3
110.	.0	.0	.0	.2	.2	.2	.2	.5	.5	.6	.6	.1	.0	.0	.4	.3	.4	.4	.4	.3
115.	.0	.0	.0	.0	.2	.2	.0	.6	.9	.9	.8	.1	.1	.0	.4	.4	.5	.5	.5	.3
120.	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9	.9	.2	.1	.0	.3	.4	.5	.7	.4	.5
125.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.8	.3	.1	.0	.3	.5	.5	.7	.5	.4
130.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.8	.2	.2	.1	.4	.5	.6	.6	.4	.4
135.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.2	.2	.1	.5	.5	.7	.8	.3	.4
140.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.2	.2	.1	.5	.5	.6	.6	.3	.3
145.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.9	.2	.2	.1	.5	.5	.6	.6	.3	.4
150.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.8	.2	.2	.1	.5	.5	.5	.3	.5	.4
155.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.9	.2	.2	.1	.5	.6	.5	.1	.5	.3
160.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.8	.9	.2	.1	.1	.5	.5	.4	.1	.5	.3
165.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.9	.2	.1	.1	.5	.4	.3	.2	.5	.3
170.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.1	.1	.5	.4	.3	.2	.5	.2
175.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.1	.1	.5	.4	.3	.4	.4	.2
180.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.1	.1	.4	.3	.1	.4	.4	.2
185.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.9	.9	.3	.2	.1	.5	.2	.2	.4	.4	.2
190.	.1	.1	.1	.1	.0	.0	.0	.6	.8	.9	1.0	.4	.3	.2	.2	.2	.2	.4	.3	.2
195.	.1	.1	.1	.1	.1	.0	.0	.7	1.0	1.0	1.0	.4	.3	.2	.2	.2	.2	.4	.3	.1
200.	.1	.1	.1	.1	.1	.1	.0	.6	.9	1.0	1.0	.4	.3	.2	.2	.2	.2	.4	.1	.1
205.	.2	.2	.2	.2	.1	.1	.0	.6	.9	1.0	1.1	.3	.3	.1	.0	.1	.2	.3	.1	.1

1

JOB: S4 B230 BRT PM MD117 AND MD 124

RUN: S4 B230 BRT PM 117 AND 124

PAGE 4

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.2	.2	.2	.2	.1	.1	.0	.6	.9	1.0	1.0	.3	.2	.2	.0	.1	.2	.3	.1	.1
215.	.3	.2	.2	.2	.1	.1	.1	.7	.9	1.0	1.1	.2	.2	.2	.0	.1	.1	.3	.1	.1
220.	.3	.3	.2	.2	.1	.1	.1	.7	1.0	1.1	1.1	.3	.3	.1	.0	.0	.1	.3	.1	.1
225.	.2	.2	.2	.2	.1	.1	.1	.7	1.0	1.1	1.1	.2	.1	.1	.0	.0	.1	.3	.1	.1
230.	.1	.2	.1	.1	.1	.1	.1	.7	1.0	1.1	1.0	.1	.2	.1	.0	.0	.0	.2	.1	.1
235.	.1	.1	.1	.1	.1	.1	.1	.7	1.1	1.1	.9	.2	.2	.1	.0	.0	.0	.2	.1	.1
240.	.2	.1	.1	.2	.1	.1	.1	.7	1.1	.9	.7	.2	.2	.1	.0	.0	.0	.1	.1	.1
245.	.2	.1	.1	.2	.1	.1	.1	.7	1.1	.8	.7	.2	.2	.1	.0	.0	.0	.1	.1	.1
250.	.2	.1	.1	.2	.2	.1	.0	.6	.9	.8	.6	.2	.1	.2	.0	.0	.0	.1	.1	.1
255.	.2	.1	.1	.2	.2	.1	.0	.7	.9	.8	.6	.2	.1	.2	.0	.0	.0	.1	.1	.1
260.	.2	.1	.2	.2	.2	.1	.0	.7	.8	.7	.5	.1	.1	.2	.0	.0	.0	.1	.1	.1
265.	.2	.1	.2	.2	.2	.1	.0	.7	.8	.7	.5	.1	.1	.2	.0	.0	.0	.1	.2	.2
270.	.2	.1	.2	.2	.2	.1	.0	.8	.8	.5	.6	.1	.1	.2	.0	.0	.0	.1	.2	.2
275.	.2	.1	.2	.2	.2	.1	.0	.8	.7	.6	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
280.	.2	.1	.2	.2	.2	.1	.0	.7	.5	.4	.4	.1	.1	.2	.0	.0	.0	.1	.2	.2
285.	.2	.1	.2	.2	.2	.0	.0	.4	.3	.3	.3	.1	.1	.2	.0	.0	.0	.0	.2	.2
290.	.2	.1	.1	.3	.2	.2	.3	.2	.2	.1	.3	.1	.1	.2	.0	.0	.0	.0	.1	.1
295.	.2	.1	.1	.3	.2	.2	.3	.1	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0	.1	.1
300.	.2	.1	.1	.2	.2	.2	.4	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.1	.1
305.	.2	.1	.1	.2	.2	.4	.5	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.1
310.	.2	.1	.2	.3	.2	.4	.3	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.2	.1	.2	.3	.4	.4	.5	.0	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.2	.2	.2	.3	.4	.5	.5	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
325.	.1	.2	.2	.2	.5	.6	.5	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
330.	.1	.3	.2	.1	.5	.5	.5	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
335.	.1	.2	.2	.2	.5	.4	.4	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
340.	.1	.2	.0	.4	.6	.4	.3	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
345.	.1	.1	.0	.4	.6	.4	.3	.0	.1	.1	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0
350.	.1	.1	.2	.4	.5	.4	.3	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0

S4B230BP.OUT

355.	*	.1	.0	.3	.5	.5	.4	.3	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
360.	*	.1	.0	.5	.6	.4	.3	.3	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0
MAX	*	.3	.3	.5	.6	.6	.6	.6	.9	1.1	1.1	1.1	.4	.3	.3	.5	.6	.7	.8	.5
DEGR.	*	215	10	0	0	90	90	65	125	235	220	205	190	190	345	135	155	135	135	115
																				120

1

JOB: S4 B230 BRT PM MD117 AND MD 124

RUN: S4 B230 BRT PM 117 AND 124

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.6	.3	.2	.3	.0
5.	*	.0	.0	.0	.6	.3	.3	.4	.1
10.	*	.0	.0	.0	.6	.4	.3	.4	.1
15.	*	.0	.0	.0	.6	.5	.3	.5	.2
20.	*	.0	.0	.0	.7	.5	.4	.4	.2
25.	*	.0	.0	.0	.7	.6	.3	.5	.3
30.	*	.0	.0	.0	.7	.4	.3	.5	.5
35.	*	.0	.0	.0	.7	.4	.2	.7	.6
40.	*	.0	.0	.1	.6	.2	.3	.8	.6
45.	*	.0	.0	.1	.7	.2	.3	.7	.6
50.	*	.0	.0	.2	.6	.2	.3	.7	.5
55.	*	.0	.0	.2	.6	.3	.5	.7	.4
60.	*	.0	.1	.3	.6	.3	.7	.8	.5
65.	*	.0	.1	.4	.5	.5	.8	.6	.5
70.	*	.0	.1	.5	.6	.5	.9	.6	.5
75.	*	.0	.1	.6	.5	.6	.9	.6	.5
80.	*	.0	.1	.5	.6	.6	.9	.5	.5
85.	*	.0	.1	.5	.6	.8	.8	.5	.5
90.	*	.0	.2	.6	.5	.7	.7	.4	.4
95.	*	.0	.2	.7	.7	.7	.7	.5	.4
100.	*	.2	.2	.7	.5	.7	.7	.5	.4
105.	*	.2	.2	.5	.4	.5	.6	.4	.4
110.	*	.2	.2	.2	.3	.4	.6	.4	.4
115.	*	.3	.2	.2	.3	.5	.5	.4	.4
120.	*	.4	.0	.1	.2	.3	.4	.4	.4
125.	*	.4	.0	.1	.2	.4	.4	.3	.4
130.	*	.3	.0	.1	.2	.4	.5	.4	.4
135.	*	.2	.0	.1	.2	.4	.5	.4	.4
140.	*	.1	.0	.1	.2	.4	.5	.4	.4
145.	*	.1	.0	.1	.2	.5	.5	.4	.4
150.	*	.1	.1	.1	.2	.5	.5	.4	.4
155.	*	.1	.1	.1	.2	.5	.5	.4	.4
160.	*	.2	.1	.1	.2	.5	.5	.4	.5
165.	*	.2	.1	.1	.1	.5	.5	.5	.5
170.	*	.2	.1	.1	.1	.6	.5	.4	.5
175.	*	.1	.1	.1	.1	.6	.4	.4	.5
180.	*	.1	.0	.1	.1	.5	.5	.4	.5
185.	*	.1	.0	.1	.1	.5	.5	.4	.5
190.	*	.1	.0	.1	.1	.4	.5	.4	.4
195.	*	.1	.0	.0	.1	.4	.5	.3	.3
200.	*	.1	.0	.0	.0	.3	.3	.2	.2
205.	*	.1	.0	.0	.0	.3	.2	.1	.2

1

JOB: S4 B230 BRT PM MD117 AND MD 124

RUN: S4 B230 BRT PM 117 AND 124

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.1	.1	.0	.0
215.	*	.1	.0	.0	.0	.1	.1	.0	.0
220.	*	.1	.0	.0	.0	.1	.1	.0	.0
225.	*	.1	.0	.0	.0	.0	.1	.1	.0
230.	*	.1	.0	.0	.0	.0	.1	.1	.0
235.	*	.1	.0	.0	.0	.0	.1	.2	.0
240.	*	.1	.0	.0	.0	.0	.1	.2	.0
245.	*	.1	.0	.0	.0	.0	.0	.2	.0
250.	*	.1	.0	.0	.0	.0	.0	.3	.0
255.	*	.1	.0	.0	.0	.0	.0	.3	.0
260.	*	.1	.0	.0	.0	.0	.0	.3	.0
265.	*	.1	.0	.0	.0	.0	.0	.3	.0
270.	*	.1	.0	.0	.0	.0	.0	.2	.0
275.	*	.1	.0	.0	.0	.0	.0	.2	.0
280.	*	.2	.0	.0	.0	.0	.0	.2	.0
285.	*	.2	.0	.0	.0	.0	.0	.2	.0
290.	*	.2	.0	.0	.0	.1	.0	.2	.0
295.	*	.2	.0	.0	.0	.2	.0	.2	.0
300.	*	.1	.0	.0	.0	.2	.0	.2	.0
305.	*	.0	.0	.0	.0	.3	.0	.2	.0
310.	*	.0	.0	.0	.1	.5	.0	.2	.0
315.	*	.0	.0	.0	.2	.6	.0	.2	.0
320.	*	.0	.0	.1	.3	.6	.0	.2	.0
325.	*	.0	.0	.1	.3	.6	.1	.2	.0
330.	*	.0	.0	.1	.4	.6	.1	.2	.0
335.	*	.0	.0	.1	.4	.6	.2	.2	.0
340.	*	.0	.0	.1	.5	.6	.2	.3	.0
345.	*	.0	.0	.0	.4	.4	.2	.3	.0
350.	*	.0	.0	.0	.5	.4	.2	.3	.0
355.	*	.0	.0	.0	.5	.3	.2	.3	.0

```

360. * .0 .0 .0 .6 .3 .2 .3 .0
-----*-----
MAX * .4 .2 .7 .8 .9 .8 .6
DEGR. * 120 90 95 20 85 70 60 35

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 235 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 220 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 205 DEGREES FROM REC11.

1

JOB: S4 B230 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:20:57.26

RUN: S4 B230 BRT PM 117 AND 124

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)		REC1 215	REC2 10	REC3 0	REC4 0	REC5 90	REC6 90	REC7 65	REC8 125	REC9 235	REC10 220	REC11 205	REC12 190	REC13 190	REC14 345	REC15 135	REC16 155	REC17 135	REC18 135	REC19 115	REC20 120
1	*		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*		.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*		.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*		.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
12	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
13	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
15	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
17	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
22	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*		.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*		.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	*		.0	.1	.1	.2	.3	.3	.3	.5	.4	.4	.4	.2	.1	.0	.1	.1	.2	.2	.3	.2
28	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*		.0	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.0
30	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*		.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
34	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
39	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*		.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
42	*		.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S4 B230 BRT PM MD117 AND MD 124
 DATE: 01/10/2007 TIME: 14:20:57.26

RUN: S4 B230 BRT PM 117 AND 124

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)		REC21 120	REC22 90	REC23 95	REC24 20	REC25 85	REC26 70	REC27 60	REC28 35
1	*		.0	.0	.0	.0	.0	.0	.0	.0
2	*		.0	.0	.0	.0	.0	.0	.0	.0
3	*		.0	.0	.0	.0	.1	.1	.1	.1
4	*		.0	.0	.0	.0	.0	.1	.2	.2
5	*		.0	.0	.0	.0	.0	.0	.0	.0
6	*		.0	.0	.0	.0	.0	.0	.0	.0
7	*		.0	.0	.0	.0	.0	.1	.2	.0
8	*		.0	.0	.0	.0	.0	.0	.0	.0
9	*		.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.0	.0	.1	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.0	.0	.0	.0	.0
13	*		.0	.0	.0	.0	.0	.0	.0	.0
14	*		.0	.0	.0	.0	.0	.0	.0	.0
15	*		.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.0	.0	.0	.0	.0	.0	.0
18	*		.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.0	.0	.0	.0	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.1	.0	.0	.0	.0
22	*		.0	.0	.0	.0	.1	.1	.1	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.2
24	*		.0	.0	.0	.0	.0	.0	.0	.0
25	*		.0	.0	.0	.0	.0	.0	.0	.0
26	*		.0	.0	.0	.0	.1	.0	.0	.0

27	*	.1	.1	.2	.0	.3	.2	.1	.1
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.1	.0	.1	.1	.1	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.2	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.1	.1	.3	.6	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.1	.0	.1	.1	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0

S4B230BP.OUT

Site 5 I-270 Ramps @ MD 117

				SSEXAM.DAT				
I-270 & MD 117 RAMPS				60.0175.0.0000.000300.30480000				11 1
R1	SB	ON	RAMP	251130.	536947.	5.		
R2	SB	ON	RAMP	251281.	536865.	5.		
R3	SB	ON	RAMP	251422.	536603.	5.		
R4	SB	ON	RAMP	251455.	536383.	5.		
R5	SB	ON	RAMP	251660.	536199.	5.		
R6	SB	ON	RAMP	251907.	536057.	5.		
R7	SB	ON	RAMP	252159.	535917.	5.		
R8	117	WB	SB ON RAMP	251265.	537087.	5.		
R9	117	WB	SB ON RAMP	251351.	537080.	5.		
R10	117	WB	SB ON RAM	251450.	537075.	5.		
R11	117	WB	SB ON RAM	251573.	537070.	5.		
R12	I270	SB	ROW	251697.	537073.	5.		
R13	I270	SB	ROW	251723.	537255.	5.		
R14	I270	SB	ROW	251671.	537409.	5.		
R15	I270	SB	ROW	251608.	537596.	5.		
R16	I270	SB	ROW	251607.	537743.	5.		
R17	I270	NB	ROW	251910.	537826.	5.		
R18	I270	NB	ROW	251931.	537710.	5.		
R19	I270	NB	ROW	252159.	537580.	5.		
R20	I270	NB	OFF RAM	252379.	537478.	5.		
R21	I270	NB	OFF RAM	252620.	537368.	5.		
R22	I270	NB	OFF RAM	252666.	537055.	5.		
R23	I270	NB	OFF RAM	252617.	536930.	5.		
R24	117	WB	ROW	252735.	536857.	5.		
R25	117	EB	ROW	252767.	536750.	5.		
R26	117	EB	ROW	252602.	536740.	5.		
R27	I270	NB	ROW	252415.	536643.	5.		
R28	I270	NB	ROW	252333.	536511.	5.		
R29	I270	NB	ROW	252353.	536310.	5.		
R30	I270	NB	ROW	252467.	536032.	5.		
EX	270	AND	117 RAMPS 1998 AM				48 1 1	
1								
1	NB	270	AG252397.535937.252037.536904.	3434.	4.2	0.	68.	67.0
2	NB	270	AG252037.536904.251761.537823.	3434.	4.2	0.	68.	65.9
3	NB	SRVCRD	AG252429.535955.252356.536175.	526.	3.6	0.	44.	55.0
3	NB	SRVCRD	AG252356.536175.252074.536935.	526.	3.6	0.	44.	55.0
5	SB	117 onr	AG252074.536935.252069.537046.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252069.537046.252061.537130.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252061.537130.252079.537216.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252079.537216.252129.537289.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252129.537289.252186.537340.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252186.537340.252254.537375.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252254.537375.252335.537389.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252335.537389.252446.537370.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252446.537370.252523.537321.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252523.537321.252583.537246.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252583.537246.252615.537157.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252615.537157.252615.537072.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252615.537072.252593.536994.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252593.536994.252552.536929.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252552.536929.252482.536873.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252482.536873.252406.536841.	426.	2.7	0.	32.	30
5	SB	117 onr	AG252406.536841.252262.536821.	426.	2.7	0.	32.	30
22	NB	SRVC	RAAG252074.536935.251805.537836.	962.	3.6	0.	44.	55
23	SB	270	AG251680.537802.251797.537434.	7830.	3.8	0.	68.	60
24	SB	270	AG251797.537434.252007.536758.	7830.	3.8	0.	68.	60
25	SB	270	AG252007.536758.252210.536191.	7830.	3.8	0.	68.	60
26	SB	270	AG252210.536191.252323.535914.	7830.	3.8	0.	68.	60
27	WB	117	AG253019.536796.252262.536821.	1384.	2.7	0.	44.	60
28	WB	117	AG252262.536821.251756.536870.	1810.	2.7	0.	44.	60
29	WB	117	AG251756.536870.251535.536901.	1810.	2.7	0.	44.	60
32	EB	117	AG251458.536900.251867.536837.	2256.	2.7	0.	44.	60
32	EB	117	AG251867.536837.252245.536812.	2256.	2.7	0.	44.	60
32	EB	117	AG252245.536812.252638.536796.	2256.	2.7	0.	44.	60
32	EB	117	AG252638.536796.253020.536773.	2256.	2.7	0.	44.	60
37	SB	270 ONR	AG251043.537030.251113.536984.	2424.	2.7	0.	32.	60
37	SB	270 ONR	AG251113.536984.251241.536933.	2424.	2.7	0.	32.	60
37	SB	270 ONR	AG251241.536933.251354.536894.	2424.	2.7	0.	32.	60
37	SB	270 ONR	AG251354.536894.251478.536831.	2424.	2.7	0.	32.	60

					SSEXAM.DAT	
1						
37	SB	270	ONRAG251478.536831.251572.536738.	2424.	2.7	0. 32. 60
1						
37	SB	270	ONRAG251572.536738.251746.536536.	2424.	2.7	0. 32. 60
1						
37	SB	270	ONRAG251746.536536.252188.536012.	2424.	2.7	0. 32. 60
1						
37	SB	270	ONRAG252188.536012.252242.535939.	2424.	2.7	0. 32. 60
1						
37	SB	270	ONRAG252242.535939.252271.535898.	2424.	2.7	0. 32. 60
1						
46	117	EB	NB AG251459.536900.251231.536963.	2256.	2.7	0. 44. 60
1						
47	117	EB	SB AG251231.536963.251040.537049.	3505.	2.7	0. 44. 60
2						
47	117	EB	SB AG251213.536971.251051.537044.	0.24.0	2	
150			73 2.0 3505 29.1 1750 1 3			
1						
47	117	WB	SB AG251537.536900.251239.536973.	1810.	2.7	0. 44. 60
2						
47	117	WB	SB AG251257.536969.251452.536921.	0.24.0	2	
150			77 2.0 1175 29.1 1750 1 3			
1						
47	117	WB	ENDAG251241.536975.251045.537066.	635.	2.7	0. 44. 60
1.0	0.4	1000.	0.0Y 5 0 72			

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:20.90

SSSEXAM.OUT
RUN: EX 270 AND 117 RAMPS 1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB 270	*	252397.0	535937.0	252037.0	536904.0	*	1032.	340. AG	3434.	4.2	.0	68.0	
2. 2	NB 270	*	252037.0	536904.0	251761.0	537823.0	*	960.	343. AG	3434.	4.2	.0	68.0	
3. 3	NB SRVCRD	*	252429.0	535955.0	252356.0	536175.0	*	232.	342. AG	526.	3.6	.0	44.0	
4. 3	NB SRVCRD	*	252356.0	536175.0	252074.0	536935.0	*	811.	340. AG	526.	3.6	.0	44.0	
5. 5	SB 117 onr*	*	252074.0	536935.0	252069.0	537046.0	*	111.	357. AG	426.	2.7	.0	32.0	
6. 5	SB 117 onr*	*	252069.0	537046.0	252061.0	537130.0	*	84.	355. AG	426.	2.7	.0	32.0	
7. 5	SB 117 onr*	*	252061.0	537130.0	252079.0	537216.0	*	88.	12. AG	426.	2.7	.0	32.0	
8. 5	SB 117 onr*	*	252079.0	537216.0	252129.0	537289.0	*	88.	34. AG	426.	2.7	.0	32.0	
9. 5	SB 117 onr*	*	252129.0	537289.0	252186.0	537340.0	*	76.	48. AG	426.	2.7	.0	32.0	
10. 5	SB 117 onr*	*	252186.0	537340.0	252254.0	537375.0	*	76.	63. AG	426.	2.7	.0	32.0	
11. 5	SB 117 onr*	*	252254.0	537375.0	252335.0	537389.0	*	82.	80. AG	426.	2.7	.0	32.0	
12. 5	SB 117 onr*	*	252335.0	537389.0	252446.0	537370.0	*	113.	100. AG	426.	2.7	.0	32.0	
13. 5	SB 117 onr*	*	252446.0	537370.0	252523.0	537321.0	*	91.	122. AG	426.	2.7	.0	32.0	
14. 5	SB 117 onr*	*	252523.0	537321.0	252583.0	537246.0	*	96.	141. AG	426.	2.7	.0	32.0	
15. 5	SB 117 onr*	*	252583.0	537246.0	252615.0	537157.0	*	95.	160. AG	426.	2.7	.0	32.0	
16. 5	SB 117 onr*	*	252615.0	537157.0	252615.0	537072.0	*	85.	180. AG	426.	2.7	.0	32.0	
17. 5	SB 117 onr*	*	252615.0	537072.0	252593.0	536994.0	*	81.	196. AG	426.	2.7	.0	32.0	
18. 5	SB 117 onr*	*	252593.0	536994.0	252552.0	536929.0	*	77.	212. AG	426.	2.7	.0	32.0	
19. 5	SB 117 onr*	*	252552.0	536929.0	252482.0	536873.0	*	90.	231. AG	426.	2.7	.0	32.0	
20. 5	SB 117 onr*	*	252482.0	536873.0	252406.0	536841.0	*	82.	247. AG	426.	2.7	.0	32.0	
21. 5	SB 117 onr*	*	252406.0	536841.0	252262.0	536821.0	*	145.	262. AG	426.	2.7	.0	32.0	
22. 22	NB SRVC RA	*	252074.0	536935.0	251805.0	537836.0	*	940.	343. AG	962.	3.6	.0	44.0	
23. 23	SB 270	*	251680.0	537802.0	251797.0	537434.0	*	386.	162. AG	7830.	3.8	.0	68.0	
24. 24	SB 270	*	251797.0	537434.0	252007.0	536758.0	*	708.	163. AG	7830.	3.8	.0	68.0	
25. 25	SB 270	*	252007.0	536758.0	252210.0	536191.0	*	602.	160. AG	7830.	3.8	.0	68.0	
26. 26	SB 270	*	252210.0	536191.0	252323.0	535914.0	*	299.	158. AG	7830.	3.8	.0	68.0	
27. 27	WB 117	*	253019.0	536796.0	252262.0	536821.0	*	757.	272. AG	1384.	2.7	.0	44.0	
28. 28	WB 117	*	252262.0	536821.0	251756.0	536870.0	*	508.	276. AG	1810.	2.7	.0	44.0	
29. 29	WB 117	*	251756.0	536870.0	251535.0	536901.0	*	223.	278. AG	1810.	2.7	.0	44.0	
30. 32	EB 117	*	251458.0	536900.0	251867.0	536837.0	*	414.	99. AG	2256.	2.7	.0	44.0	
31. 32	EB 117	*	251867.0	536837.0	252245.0	536812.0	*	379.	94. AG	2256.	2.7	.0	44.0	
32. 32	EB 117	*	252245.0	536812.0	252638.0	536796.0	*	393.	92. AG	2256.	2.7	.0	44.0	
33. 32	EB 117	*	252638.0	536796.0	253020.0	536773.0	*	383.	93. AG	2256.	2.7	.0	44.0	
34. 37	SB 270 ONR*	*	251043.0	537030.0	251113.0	536984.0	*	84.	123. AG	2424.	2.7	.0	32.0	
35. 37	SB 270 ONR*	*	251113.0	536984.0	251241.0	536933.0	*	138.	112. AG	2424.	2.7	.0	32.0	
36. 37	SB 270 ONR*	*	251241.0	536933.0	251354.0	536894.0	*	120.	109. AG	2424.	2.7	.0	32.0	
37. 37	SB 270 ONR*	*	251354.0	536894.0	251478.0	536831.0	*	139.	117. AG	2424.	2.7	.0	32.0	
38. 37	SB 270 ONR*	*	251478.0	536831.0	251572.0	536738.0	*	132.	135. AG	2424.	2.7	.0	32.0	
39. 37	SB 270 ONR*	*	251572.0	536738.0	251746.0	536536.0	*	267.	139. AG	2424.	2.7	.0	32.0	
40. 37	SB 270 ONR*	*	251746.0	536536.0	252188.0	536012.0	*	686.	140. AG	2424.	2.7	.0	32.0	
41. 37	SB 270 ONR*	*	252188.0	536012.0	252242.0	535939.0	*	91.	144. AG	2424.	2.7	.0	32.0	
42. 37	SB 270 ONR*	*	252242.0	535939.0	252271.0	535898.0	*	50.	145. AG	2424.	2.7	.0	32.0	
43. 46	117 EB NB	*	251459.0	536900.0	251231.0	536963.0	*	237.	285. AG	2256.	2.7	.0	44.0	
44. 47	117 EB SB	*	251231.0	536963.0	251040.0	537049.0	*	209.	294. AG	3505.	2.7	.0	44.0	

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:20.90

RUN: EX 270 AND 117 RAMPS 1998 AM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
45. 47	117 EB SB	*	251213.0	536971.0	237721.4	543049.9	*	*****	294. AG	76.	100.0	.0	24.0	4.80 751.7
46. 47	117 WB SB	*	251537.0	536900.0	251239.0	536973.0	*	307.	284. AG	1810.	2.7	.0	44.0	
47. 47	117 WB SB	*	251257.0	536969.0	253959.2	536303.4	*	2783.	104. AG	80.	100.0	.0	24.0	1.70 141.4
48. 47	117 WB END*	*	251241.0	536975.0	251045.0	537066.0	*	216.	295. AG	635.	2.7	.0	44.0	

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:20.90

RUN: EX 270 AND 117 RAMPS 1998 AM

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB SB	*	150	73	2.0	3505	750	29.10	1	3
47. 47	117 WB SB	*	150	77	2.0	1175	750	29.10	1	3

RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (FT)			*
			X	Y	Z	
1. R1	SB ON RAMP	*	251130.0	536947.0	5.0	*
2. R2	SB ON RAMP	*	251281.0	536865.0	5.0	*
3. R3	SB ON RAMP	*	251422.0	536603.0	5.0	*
4. R4	SB ON RAMP	*	251455.0	536383.0	5.0	*
5. R5	SB ON RAMP	*	251660.0	536199.0	5.0	*
6. R6	SB ON RAMP	*	251907.0	536057.0	5.0	*
7. R7	SB ON RAMP	*	252159.0	535917.0	5.0	*
8. R8	117 WB SB ON RAMP	*	251265.0	537087.0	5.0	*
9. R9	117 WB SB ON RAMP	*	251351.0	537080.0	5.0	*
10. R10	117 WB SB ON RAM	*	251450.0	537075.0	5.0	*
11. R11	117 WB SB ON RAM	*	251573.0	537070.0	5.0	*
12. R12	I270 SB ROW	*	251697.0	537073.0	5.0	*
13. R13	I270 SB ROW	*	251723.0	537255.0	5.0	*

SSEXAM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*	
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*	
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*	
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*	
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*	
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*	
20.	R20	I270	NB	OFF	RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF	RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF	RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF	RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*	
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*	
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*	
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*	
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*	
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*	
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*	

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.5	.4	.0	.0	.1	.4	.7	.0	.0	.0	.1	.2	.4	.3	.0	.0	.0	.0	.0	.0
5.	*	.5	.4	.0	.0	.1	.4	.7	.0	.0	.0	.1	.4	.6	.4	.1	.0	.0	.0	.0	.0
10.	*	.5	.4	.1	.0	.2	.4	.6	.0	.0	.1	.1	.4	.5	.5	.1	.0	.0	.0	.0	.0
15.	*	.5	.4	.1	.2	.2	.5	.7	.0	.0	.1	.3	.4	.6	.5	.2	.0	.0	.0	.0	.0
20.	*	.5	.5	.2	.2	.2	.4	.6	.0	.1	.1	.3	.4	.5	.5	.2	.0	.0	.0	.0	.0
25.	*	.5	.5	.3	.2	.1	.4	.6	.0	.1	.1	.3	.5	.7	.5	.3	.0	.0	.0	.0	.0
30.	*	.5	.5	.2	.2	.2	.4	.5	.1	.1	.2	.3	.4	.6	.5	.4	.1	.0	.0	.0	.0
35.	*	.6	.5	.2	.2	.3	.4	.5	.1	.2	.2	.3	.4	.6	.5	.5	.1	.0	.0	.0	.0
40.	*	.6	.7	.2	.1	.2	.4	.6	.1	.2	.3	.4	.4	.5	.5	.5	.1	.0	.0	.0	.0
45.	*	.6	.6	.2	.1	.2	.4	.6	.2	.2	.3	.3	.4	.5	.5	.5	.2	.0	.0	.0	.0
50.	*	.6	.6	.2	.1	.2	.4	.6	.2	.3	.2	.3	.4	.5	.5	.5	.3	.0	.0	.0	.0
55.	*	.6	.6	.1	.2	.2	.4	.6	.3	.3	.2	.3	.4	.5	.5	.5	.3	.0	.0	.0	.0
60.	*	.6	.6	.1	.1	.2	.4	.6	.3	.2	.3	.3	.4	.5	.5	.5	.5	.0	.0	.0	.0
65.	*	.6	.7	.2	.2	.2	.4	.5	.2	.2	.3	.3	.4	.5	.5	.5	.5	.0	.0	.0	.0
70.	*	.6	.7	.2	.2	.2	.4	.5	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
75.	*	.9	.7	.4	.2	.2	.4	.5	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
80.	*	.8	.6	.4	.2	.2	.4	.5	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
85.	*	.7	.4	.3	.2	.2	.3	.4	.2	.2	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
90.	*	.9	.4	.3	.2	.3	.3	.3	.2	.2	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
95.	*	.9	.4	.2	.2	.3	.3	.2	.1	.2	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
100.	*	.7	.6	.2	.2	.2	.3	.1	.2	.1	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
105.	*	.5	.4	.2	.3	.1	.1	.1	.2	.2	.3	.4	.4	.5	.5	.5	.7	.0	.0	.0	.0
110.	*	.4	.3	.2	.1	.1	.1	.0	.2	.2	.2	.3	.5	.5	.5	.5	.7	.0	.0	.0	.0
115.	*	.3	.2	.2	.1	.1	.1	.0	.4	.4	.4	.4	.6	.5	.5	.6	.8	.0	.0	.0	.0
120.	*	.1	.2	.2	.1	.0	.0	.0	.4	.5	.4	.5	.5	.6	.6	.6	.8	.0	.0	.0	.0
125.	*	.1	.1	.1	.0	.0	.0	.0	.3	.4	.5	.4	.6	.6	.6	.6	.8	.0	.0	.0	.0
130.	*	.0	.1	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.6	.6	.7	.8	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.6	.6	.6	.7	.9	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.5	.7	.7	.7	.5	.8	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.4	.5	.7	.7	.8	.9	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.4	.6	.7	.6	1.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.5	.5	.6	.9	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.2	.3	.4	.4	.7	.0	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.2	.2	.2	.2	.4	.4	.4	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.1	.2	.1	.0	.0	.1	.1	.4	.4	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.2	.0	.0	.0	.1	.6	.7	.2	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.6	.7	.2	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.6	.6	.3	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.6	.6	.4	.2
195.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.7	.6	.3	.2
200.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.2	.0	.0	.0	.0	.6	.6	.3	.2
205.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.1	.0	.0	.0	.0	.6	.7	.3	.3

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.0	.0	.0	.0	.6	.6	.3	.2
215.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.1	.2	.0	.0	.0	.0	.6	.6	.3	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.1	.1	.0	.0	.0	.0	.6	.6	.3	.2
225.	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.1	.1	.0	.0	.0	.0	.6	.6	.3	.2
230.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0	.5	.6	.3	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.5	.6	.3	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1	.1	.0	.0	.0	.0	.5	.6	.2	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1	.1	.0	.0	.0	.0	.4	.6	.3	.2
250.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.4	.6	.3	.2
255.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.4	.6	.3	.2
260.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.3	.6	.3	.2
265.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.2	.6	.3	.3
270.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.6	.3	.2
275.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.6	.3	.2
280.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	.3	.2
285.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	.3	.2
290.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	.2	.2
295.	*	.3	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.4	.2	.2
300.	*	.3	.4	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
305.	*	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
310.	*	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

1

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

Page 3

SSEXAM.OUT

320.	*	.0	.0	.0	.0	.3	.3	.5	.6	.7	.7
325.	*	.0	.0	.0	.0	.3	.2	.6	.5	.9	.6
330.	*	.0	.0	.0	.0	.3	.2	.6	.6	.7	.5
335.	*	.0	.0	.0	.0	.3	.2	.4	.4	.5	.5
340.	*	.0	.0	.0	.0	.3	.2	.3	.3	.3	.4
345.	*	.0	.0	.0	.0	.3	.2	.3	.2	.3	.1
350.	*	.0	.0	.0	.0	.3	.2	.3	.1	.0	.0
355.	*	.0	.0	.0	.0	.3	.2	.3	.1	.0	.0
360.	*	.0	.0	.0	.0	.3	.2	.3	.1	.0	.0
MAX	*	.3	.3	.4	.6	.6	.5	.7	.6	.9	.8
DEGR.	*	275	245	205	235	295	275	305	295	325	290

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 150 DEGREES FROM REC16.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 75 DEGREES FROM REC1.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 325 DEGREES FROM REC29.

1

JOB: I-270 & MD 117 RAMPS
 DATE: 12/13/2006 TIME: 16:05:20.90

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 75	REC2 40	REC3 75	REC4 105	REC5 35	REC6 15	REC7 0	REC8 115	REC9 120	REC10 125	REC11 120	REC12 115	REC13 25	REC14 145	REC15 145	REC16 150	REC17 195	REC18 175	REC19 190	REC20 205
1	*	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1
2	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.2	.2	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
23	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.4	.2	.0	.0	.0
24	*	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.4	.3	.2	.2	.1	.1
25	*	.0	.0	.1	.1	.1	.2	.3	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	.1	.1
26	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 75	REC2 40	REC3 75	REC4 105	REC5 35	REC6 15	REC7 0	REC8 115	REC9 120	REC10 125	REC11 120	REC12 115	REC13 25	REC14 145	REC15 145	REC16 150	REC17 195	REC18 175	REC19 190	REC20 205
46	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 275	REC22 245	REC23 205	REC24 235	REC25 295	REC26 275	REC27 305	REC28 295	REC29 325	REC30 290
1	*	.0	.1	.1	.1	.0	.1	.1	.2	.3	.3
2	*	.1	.0	.0	.0	.1	.0	.1	.0	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

											SSEXAM.OUT
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.1	.0	.0	.1	.2	.0	.2	.0	.0
25	*	.0	.1	.1	.1	.0	.1	.0	.2	.2	.1
26	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3
27	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
32	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
33	*	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 AM

PAGE 11

		CO/LINK (PPM)									
		ANGLE (DEGREES)									
LINK #		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
		275	245	205	235	295	275	305	295	325	290
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.1	.0	.1	.2	.1	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

				SSEXPM.DAT				
I-270 & MD 117 RAMPS				60.0175.0.0000.000300.30480000				11 1
R1	SB	ON	RAMP	251130.	536947.	5.		
R2	SB	ON	RAMP	251281.	536865.	5.		
R3	SB	ON	RAMP	251422.	536603.	5.		
R4	SB	ON	RAMP	251455.	536383.	5.		
R5	SB	ON	RAMP	251660.	536199.	5.		
R6	SB	ON	RAMP	251907.	536057.	5.		
R7	SB	ON	RAMP	252159.	535917.	5.		
R8	117	WB	SB ON RAMP	251265.	537087.	5.		
R9	117	WB	SB ON RAMP	251351.	537080.	5.		
R10	117	WB	SB ON RAM	251450.	537075.	5.		
R11	117	WB	SB ON RAM	251573.	537070.	5.		
R12	I270	SB	ROW	251697.	537073.	5.		
R13	I270	SB	ROW	251723.	537255.	5.		
R14	I270	SB	ROW	251671.	537409.	5.		
R15	I270	SB	ROW	251608.	537596.	5.		
R16	I270	SB	ROW	251607.	537743.	5.		
R17	I270	NB	ROW	251910.	537826.	5.		
R18	I270	NB	ROW	251931.	537710.	5.		
R19	I270	NB	ROW	252159.	537580.	5.		
R20	I270	NB	OFF RAM	252379.	537478.	5.		
R21	I270	NB	OFF RAM	252620.	537368.	5.		
R22	I270	NB	OFF RAM	252666.	537055.	5.		
R23	I270	NB	OFF RAM	252617.	536930.	5.		
R24	117	WB	ROW	252735.	536857.	5.		
R25	117	EB	ROW	252767.	536750.	5.		
R26	117	EB	ROW	252602.	536740.	5.		
R27	I270	NB	ROW	252415.	536643.	5.		
R28	I270	NB	ROW	252333.	536511.	5.		
R29	I270	NB	ROW	252353.	536310.	5.		
R30	I270	NB	ROW	252467.	536032.	5.		
EX	270	AND	117 RAMPS 1998 PM				48 1 1	
1								
1	NB	270	AG252397.535937.252037.536904.	6682.	2.7	0. 68.	67.0	
2	NB	270	AG252037.536904.251761.537823.	6682.	2.7	0. 68.	65.9	
3	NB	SRVCRD	AG252429.535955.252356.536175.	2428.	3.6	0. 44.	55.0	
3	NB	SRVCRD	AG252356.536175.252074.536935.	2428.	3.6	0. 44.	55.0	
5	SB	117 onr	AG252074.536935.252069.537046.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252069.537046.252061.537130.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252061.537130.252079.537216.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252079.537216.252129.537289.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252129.537289.252186.537340.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252186.537340.252254.537375.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252254.537375.252335.537389.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252335.537389.252446.537370.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252446.537370.252523.537321.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252523.537321.252583.537246.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252583.537246.252615.537157.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252615.537157.252615.537072.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252615.537072.252593.536994.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252593.536994.252552.536929.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252552.536929.252482.536873.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252482.536873.252406.536841.	1324.	2.7	0. 32.	30	
5	SB	117 onr	AG252406.536841.252262.536821.	1327.	2.7	0. 32.	30	
22	NB	SRVC	RAAG252074.536935.251805.537836.	1904.	3.6	0. 44.	55	
23	SB	270	AG251680.537802.251797.537434.	3594.	4.2	0. 68.	60	
24	SB	270	AG251797.537434.252007.536758.	3594.	4.2	0. 68.	60	
25	SB	270	AG252007.536758.252210.536191.	3594.	4.2	0. 68.	60	
26	SB	270	AG252210.536191.252323.535914.	3594.	4.2	0. 68.	60	
27	WB	117	AG253019.536796.252262.536821.	1951.	2.7	0. 44.	60	
28	WB	117	AG252262.536821.251756.536870.	3305.	2.7	0. 44.	60	
29	WB	117	AG251756.536870.251535.536901.	3305.	2.7	0. 44.	60	
32	EB	117	AG251458.536900.251867.536837.	2279.	2.7	0. 44.	60	
32	EB	117	AG251867.536837.252245.536812.	2279.	2.7	0. 44.	60	
32	EB	117	AG252245.536812.252638.536796.	2279.	2.7	0. 44.	60	
32	EB	117	AG252638.536796.253020.536773.	2279.	2.7	0. 44.	60	
37	SB	270 ONR	AG251043.537030.251113.536984.	1276.	2.7	0. 32.	60	
37	SB	270 ONR	AG251113.536984.251241.536933.	1276.	2.7	0. 32.	60	
37	SB	270 ONR	AG251241.536933.251354.536894.	1276.	2.7	0. 32.	60	
37	SB	270 ONR	AG251354.536894.251478.536831.	1276.	2.7	0. 32.	60	

					SSEXPM.DAT	
1						
37	SB	270	ONRAG251478.536831.251572.536738.	1276.	2.7	0. 32. 60
1						
37	SB	270	ONRAG251572.536738.251746.536536.	1276.	2.7	0. 32. 60
1						
37	SB	270	ONRAG251746.536536.252188.536012.	1276.	2.7	0. 32. 60
1						
37	SB	270	ONRAG252188.536012.252242.535939.	1276.	2.7	0. 32. 60
1						
37	SB	270	ONRAG252242.535939.252271.535898.	1276.	2.7	0. 32. 60
1						
46	117	EB	NB AG251459.536900.251231.536963.	2279.	2.7	0. 44. 60
1						
47	117	EB	SB AG251231.536963.251040.537049.	2869.	2.7	0. 44. 60
2						
47	117	EB	SB AG251213.536971.251051.537044.	0.24.0	2	
150		35	2.0 2869 29.1 1750 1 3			
1						
47	117	WB	SB AG251537.536900.251239.536973.	3305.	2.7	0. 44. 60
2						
47	117	WB	SB AG251257.536969.251452.536921.	0.24.0	2	
150		115	2.0 686 29.1 1750 1 3			
1						
47	117	WB	ENDAG251241.536975.251045.537066.	2619.	2.7	0. 44. 60
1.0	0.4	1000.	0.0Y 5 0 72			

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:49.03

SSEXPM.OUT
RUN: EX 270 AND 117 RAMPS 1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270	* 252397.0	535937.0	252037.0	536904.0	*	1032.	340. AG	6682.	2.7	.0	68.0	
2. 2	NB 270	* 252037.0	536904.0	251761.0	537823.0	*	960.	343. AG	6682.	2.7	.0	68.0	
3. 3	NB SRVCRD	* 252429.0	535955.0	252356.0	536175.0	*	232.	342. AG	2428.	3.6	.0	44.0	
4. 3	NB SRVCRD	* 252356.0	536175.0	252074.0	536935.0	*	811.	340. AG	2428.	3.6	.0	44.0	
5. 5	SB 117 onr*	252074.0	536935.0	252069.0	537046.0	*	111.	357. AG	1324.	2.7	.0	32.0	
6. 5	SB 117 onr*	252069.0	537046.0	252061.0	537130.0	*	84.	355. AG	1324.	2.7	.0	32.0	
7. 5	SB 117 onr*	252061.0	537130.0	252079.0	537216.0	*	88.	12. AG	1324.	2.7	.0	32.0	
8. 5	SB 117 onr*	252079.0	537216.0	252129.0	537289.0	*	88.	34. AG	1324.	2.7	.0	32.0	
9. 5	SB 117 onr*	252129.0	537289.0	252186.0	537340.0	*	76.	48. AG	1324.	2.7	.0	32.0	
10. 5	SB 117 onr*	252186.0	537340.0	252254.0	537375.0	*	76.	63. AG	1324.	2.7	.0	32.0	
11. 5	SB 117 onr*	252254.0	537375.0	252335.0	537389.0	*	82.	80. AG	1324.	2.7	.0	32.0	
12. 5	SB 117 onr*	252335.0	537389.0	252446.0	537370.0	*	113.	100. AG	1324.	2.7	.0	32.0	
13. 5	SB 117 onr*	252446.0	537370.0	252523.0	537321.0	*	91.	122. AG	1324.	2.7	.0	32.0	
14. 5	SB 117 onr*	252523.0	537321.0	252583.0	537246.0	*	96.	141. AG	1324.	2.7	.0	32.0	
15. 5	SB 117 onr*	252583.0	537246.0	252615.0	537157.0	*	95.	160. AG	1324.	2.7	.0	32.0	
16. 5	SB 117 onr*	252615.0	537157.0	252615.0	537072.0	*	85.	180. AG	1324.	2.7	.0	32.0	
17. 5	SB 117 onr*	252615.0	537072.0	252593.0	536994.0	*	81.	196. AG	1324.	2.7	.0	32.0	
18. 5	SB 117 onr*	252593.0	536994.0	252552.0	536929.0	*	77.	212. AG	1324.	2.7	.0	32.0	
19. 5	SB 117 onr*	252552.0	536929.0	252482.0	536873.0	*	90.	231. AG	1324.	2.7	.0	32.0	
20. 5	SB 117 onr*	252482.0	536873.0	252406.0	536841.0	*	82.	247. AG	1324.	2.7	.0	32.0	
21. 5	SB 117 onr*	252406.0	536841.0	252262.0	536821.0	*	145.	262. AG	1327.	2.7	.0	32.0	
22. 22	NB SRVC RA	* 252074.0	536935.0	251805.0	537836.0	*	940.	343. AG	1904.	3.6	.0	44.0	
23. 23	SB 270	* 251680.0	537802.0	251797.0	537434.0	*	386.	162. AG	3594.	4.2	.0	68.0	
24. 24	SB 270	* 251797.0	537434.0	252007.0	536758.0	*	708.	163. AG	3594.	4.2	.0	68.0	
25. 25	SB 270	* 252007.0	536758.0	252210.0	536191.0	*	602.	160. AG	3594.	4.2	.0	68.0	
26. 26	SB 270	* 252210.0	536191.0	252323.0	535914.0	*	299.	158. AG	3594.	4.2	.0	68.0	
27. 27	WB 117	* 253019.0	536796.0	252262.0	536821.0	*	757.	272. AG	1951.	2.7	.0	44.0	
28. 28	WB 117	* 252262.0	536821.0	251756.0	536870.0	*	508.	276. AG	3305.	2.7	.0	44.0	
29. 29	WB 117	* 251756.0	536870.0	251535.0	536901.0	*	223.	278. AG	3305.	2.7	.0	44.0	
30. 32	EB 117	* 251458.0	536900.0	251867.0	536837.0	*	414.	99. AG	2279.	2.7	.0	44.0	
31. 32	EB 117	* 251867.0	536837.0	252245.0	536812.0	*	379.	94. AG	2279.	2.7	.0	44.0	
32. 32	EB 117	* 252245.0	536812.0	252638.0	536796.0	*	393.	92. AG	2279.	2.7	.0	44.0	
33. 32	EB 117	* 252638.0	536796.0	253020.0	536773.0	*	383.	93. AG	2279.	2.7	.0	44.0	
34. 37	SB 270 ONR*	251043.0	537030.0	251113.0	536984.0	*	84.	123. AG	1276.	2.7	.0	32.0	
35. 37	SB 270 ONR*	251113.0	536984.0	251241.0	536933.0	*	138.	112. AG	1276.	2.7	.0	32.0	
36. 37	SB 270 ONR*	251241.0	536933.0	251354.0	536894.0	*	120.	109. AG	1276.	2.7	.0	32.0	
37. 37	SB 270 ONR*	251354.0	536894.0	251478.0	536831.0	*	139.	117. AG	1276.	2.7	.0	32.0	
38. 37	SB 270 ONR*	251478.0	536831.0	251572.0	536738.0	*	132.	135. AG	1276.	2.7	.0	32.0	
39. 37	SB 270 ONR*	251572.0	536738.0	251746.0	536536.0	*	267.	139. AG	1276.	2.7	.0	32.0	
40. 37	SB 270 ONR*	251746.0	536536.0	252188.0	536012.0	*	686.	140. AG	1276.	2.7	.0	32.0	
41. 37	SB 270 ONR*	252188.0	536012.0	252242.0	535939.0	*	91.	144. AG	1276.	2.7	.0	32.0	
42. 37	SB 270 ONR*	252242.0	535939.0	252271.0	535898.0	*	50.	145. AG	1276.	2.7	.0	32.0	
43. 46	117 EB NB	* 251459.0	536900.0	251231.0	536963.0	*	237.	285. AG	2279.	2.7	.0	44.0	
44. 47	117 EB SB	* 251231.0	536963.0	251040.0	537049.0	*	209.	294. AG	2869.	2.7	.0	44.0	

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:49.03

RUN: EX 270 AND 117 RAMPS 1998 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 47	117 EB SB	* 251213.0	536971.0	242803.4	540760.1	*	9224.	294. AG	36.	100.0	.0	24.0	2.58 468.6
46. 47	117 WB SB	* 251537.0	536900.0	251239.0	536973.0	*	307.	284. AG	3305.	2.7	.0	44.0	
47. 47	117 WB SB	* 251257.0	536969.0	253393.4	536442.8	*	2200.	104. AG	120.	100.0	.0	24.0	2.21 111.8
48. 47	117 WB END*	251241.0	536975.0	251045.0	537066.0	*	216.	295. AG	2619.	2.7	.0	44.0	

JOB: I-270 & MD 117 RAMPS
DATE: 12/13/2006 TIME: 16:05:49.03

RUN: EX 270 AND 117 RAMPS 1998 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB SB	* 150	35	2.0	2869	750	29.10	1	3
47. 47	117 WB SB	* 150	115	2.0	686	750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SB ON RAMP	*	251130.0	536947.0	5.0	*
2. R2 SB ON RAMP	*	251281.0	536865.0	5.0	*
3. R3 SB ON RAMP	*	251422.0	536603.0	5.0	*
4. R4 SB ON RAMP	*	251455.0	536383.0	5.0	*
5. R5 SB ON RAMP	*	251660.0	536199.0	5.0	*
6. R6 SB ON RAMP	*	251907.0	536057.0	5.0	*
7. R7 SB ON RAMP	*	252159.0	535917.0	5.0	*
8. R8 117 WB SB ON RAMP	*	251265.0	537087.0	5.0	*
9. R9 117 WB SB ON RAMP	*	251351.0	537080.0	5.0	*
10. R10 117 WB SB ON RAM	*	251450.0	537075.0	5.0	*
11. R11 117 WB SB ON RAM	*	251573.0	537070.0	5.0	*
12. R12 I270 SB ROW	*	251697.0	537073.0	5.0	*
13. R13 I270 SB ROW	*	251723.0	537255.0	5.0	*

SSEXPM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*
20.	R20	I270	NB	OFF RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.5	.4	.2	.0	.0	.2	.6	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0
5.	*	.5	.4	.2	.0	.1	.3	.5	.0	.0	.0	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0
10.	*	.5	.4	.1	.0	.2	.3	.5	.0	.0	.0	.1	.3	.5	.3	.1	.0	.0	.0	.0	.0
15.	*	.5	.4	.1	.1	.2	.2	.5	.0	.0	.0	.2	.3	.5	.3	.1	.0	.0	.0	.0	.0
20.	*	.5	.4	.2	.1	.2	.2	.6	.0	.0	.1	.2	.3	.5	.3	.1	.0	.0	.0	.0	.0
25.	*	.5	.4	.2	.2	.2	.2	.5	.0	.0	.2	.2	.3	.5	.4	.2	.0	.0	.0	.0	.0
30.	*	.5	.4	.3	.2	.1	.2	.4	.0	.1	.2	.3	.3	.6	.4	.3	.0	.0	.0	.0	.0
35.	*	.5	.5	.3	.2	.1	.2	.4	.0	.2	.2	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0
40.	*	.5	.5	.3	.2	.2	.2	.4	.2	.2	.2	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0
45.	*	.6	.5	.3	.1	.2	.2	.4	.2	.2	.1	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0
50.	*	.6	.5	.3	.0	.2	.2	.5	.1	.1	.2	.2	.2	.5	.5	.4	.1	.0	.0	.0	.0
55.	*	.6	.7	.3	.2	.2	.2	.5	.1	.1	.2	.2	.2	.5	.5	.4	.3	.0	.0	.0	.0
60.	*	.6	.7	.2	.2	.2	.2	.5	.1	.2	.2	.2	.2	.5	.5	.4	.3	.0	.0	.0	.0
65.	*	.6	.6	.3	.3	.2	.2	.5	.2	.2	.2	.2	.2	.5	.5	.4	.3	.0	.0	.0	.0
70.	*	.7	.6	.2	.3	.2	.2	.4	.2	.2	.2	.2	.2	.5	.5	.5	.3	.0	.0	.0	.0
75.	*	.8	.7	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.5	.5	.5	.5	.0	.0	.0	.0
80.	*	.8	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.5	.5	.4	.5	.0	.0	.0	.0
85.	*	.8	.7	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.5	.5	.4	.6	.0	.0	.0	.0
90.	*	.7	.6	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.5	.5	.4	.6	.0	.0	.0	.0
95.	*	.6	.4	.3	.2	.1	.2	.1	.2	.2	.2	.2	.2	.5	.5	.5	.6	.0	.0	.0	.0
100.	*	.5	.4	.2	.1	.2	.2	.1	.2	.3	.2	.2	.2	.5	.5	.5	.6	.0	.0	.0	.0
105.	*	.6	.2	.2	.1	.2	.2	.0	.2	.2	.3	.3	.3	.5	.5	.5	.6	.0	.0	.0	.0
110.	*	.3	.3	.2	.1	.0	.1	.0	.2	.4	.4	.5	.4	.5	.5	.5	.6	.0	.0	.0	.0
115.	*	.2	.2	.1	.0	.0	.0	.0	.3	.3	.4	.4	.6	.5	.5	.5	.6	.0	.0	.0	.0
120.	*	.1	.2	.1	.0	.0	.0	.0	.5	.5	.3	.4	.6	.5	.5	.5	.6	.0	.0	.0	.0
125.	*	.0	.1	.0	.0	.0	.0	.0	.5	.6	.5	.5	.5	.5	.5	.6	.6	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.4	.7	.5	.4	.6	.6	.5	.5	.6	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.7	.5	.5	.5	.6	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.5	.6	.6	.5	.5	.7	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.4	.7	.5	.4	.6	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.4	.6	.6	.4	.6	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.4	.4	.3	.3	.4	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.4	.3	.2	.4	.2	.2	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.2	.1	.0	.1	.1	.3	.3	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.2	.1	.0	.0	.1	.5	.5	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.3	.1	.0	.0	.0	.5	.5	.1	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.3	.1	.0	.0	.0	.4	.5	.1	.1
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.3	.1	.0	.0	.0	.5	.5	.2	.1
190.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.3	.1	.0	.0	.0	.6	.5	.3	.1
195.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.1	.0	.0	.0	.6	.5	.2	.2
200.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.1	.0	.0	.0	.6	.6	.2	.1
205.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.1	.0	.0	.0	.6	.6	.3	.1

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.1	.0	.0	.0	.4	.6	.3	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.1	.0	.0	.0	.4	.4	.3	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.2	.1	.0	.0	.0	.4	.4	.3	.2
225.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.1	.1	.0	.0	.0	.4	.4	.3	.2
230.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.0	.0	.4	.4	.2	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2
250.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2
255.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.2	.0	.0	.0	.0	.4	.4	.2	.2
260.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.2	.1
265.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.4	.2	.1	
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1
275.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.2
280.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2
285.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2
290.	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2
295.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1
300.	*	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
305.	*	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
310.	*	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

ANGLE (DEGR)	75	80	30	65	10	5	0	120	130	125	110	135	145	150	125	140	190	200	190	195
315.	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	
320.	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
325.	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
330.	.6	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
335.	.6	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
340.	.5	.4	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
345.	.5	.4	.1	.0	.0	.0	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
350.	.5	.4	.2	.0	.0	.0	.5	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
355.	.5	.4	.2	.0	.0	.0	.5	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	
360.	.5	.4	.2	.0	.0	.2	.6	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
5.	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
10.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
15.	.0	.0	.0	.0	.3	.2	.3	.1	.1	.0
20.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
25.	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
30.	.0	.0	.0	.0	.3	.3	.5	.1	.1	.0
35.	.0	.0	.0	.0	.3	.3	.5	.1	.1	.0
40.	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
45.	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
50.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
55.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
60.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
65.	.0	.0	.0	.0	.3	.2	.4	.1	.1	.0
70.	.0	.0	.0	.0	.3	.2	.3	.1	.1	.0
75.	.0	.0	.0	.0	.3	.2	.3	.1	.1	.0
80.	.0	.0	.0	.0	.3	.2	.3	.1	.0	.0
85.	.0	.0	.0	.0	.2	.2	.4	.1	.0	.0
90.	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0
95.	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
100.	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0
105.	.0	.0	.0	.2	.0	.1	.2	.0	.0	.0
110.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0
115.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0
120.	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0
125.	.0	.0	.3	.3	.1	.2	.0	.0	.0	.0
130.	.0	.0	.3	.3	.1	.2	.0	.0	.0	.0
135.	.0	.0	.3	.3	.1	.2	.0	.0	.0	.0
140.	.0	.1	.3	.3	.1	.2	.0	.0	.0	.0
145.	.0	.1	.3	.3	.1	.2	.0	.0	.0	.0
150.	.0	.1	.3	.3	.1	.2	.0	.0	.0	.0
155.	.0	.1	.3	.3	.1	.1	.0	.0	.1	.0
160.	.0	.1	.3	.3	.1	.1	.0	.0	.2	.0
165.	.0	.1	.2	.3	.1	.1	.0	.1	.3	.0
170.	.0	.1	.2	.3	.1	.1	.0	.2	.4	.0
175.	.0	.1	.2	.3	.1	.1	.1	.4	.5	.0
180.	.0	.1	.3	.3	.1	.1	.1	.4	.7	.0
185.	.0	.1	.3	.3	.1	.1	.1	.4	.7	.0
190.	.0	.1	.3	.3	.1	.1	.3	.5	.7	.0
195.	.1	.2	.4	.3	.1	.2	.3	.6	.7	.1
200.	.1	.2	.4	.3	.1	.2	.4	.6	.7	.2
205.	.1	.2	.4	.4	.1	.2	.4	.5	.7	.2

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	.1	.2	.4	.4	.2	.2	.3	.4	.7	.2
215.	.1	.2	.5	.4	.2	.2	.3	.4	.6	.3
220.	.1	.3	.5	.4	.2	.2	.3	.4	.6	.4
225.	.1	.3	.5	.4	.2	.3	.3	.4	.7	.5
230.	.0	.3	.5	.5	.2	.3	.3	.4	.7	.5
235.	.0	.2	.5	.6	.2	.4	.3	.4	.7	.6
240.	.2	.3	.5	.6	.3	.4	.3	.4	.6	.6
245.	.2	.3	.5	.5	.3	.4	.3	.4	.6	.6
250.	.2	.3	.5	.5	.3	.4	.3	.4	.7	.6
255.	.2	.2	.4	.4	.3	.4	.3	.4	.7	.7
260.	.2	.3	.4	.4	.2	.4	.3	.4	.7	.7
265.	.1	.3	.4	.4	.2	.4	.3	.4	.7	.7
270.	.1	.3	.3	.3	.4	.3	.4	.4	.7	.7
275.	.1	.3	.2	.3	.5	.5	.4	.4	.7	.7
280.	.1	.2	.3	.2	.4	.6	.5	.4	.7	.7
285.	.1	.1	.3	.2	.5	.6	.6	.4	.7	.7
290.	.1	.1	.3	.2	.5	.6	.7	.5	.7	.6
295.	.0	.1	.3	.1	.6	.4	.8	.5	.7	.7
300.	.0	.2	.2	.1	.4	.4	1.0	.6	.8	.7
305.	.0	.2	.2	.1	.4	.4	.9	.6	1.0	.7
310.	.0	.1	.2	.1	.4	.3	.7	.7	1.0	.8
315.	.0	.1	.2	.0	.4	.3	.6	.7	1.0	.8

SSEXPM.OUT

320.	*	.0	.1	.1	.0	.3	.3	.5	.7	1.0	.7
325.	*	.0	.1	.1	.0	.3	.2	.6	.6	1.0	.6
330.	*	.0	.1	.1	.0	.3	.2	.5	.6	1.0	.8
335.	*	.0	.0	.0	.0	.3	.2	.5	.5	.7	.7
340.	*	.0	.0	.0	.0	.3	.2	.4	.2	.6	.4
345.	*	.0	.0	.0	.0	.3	.2	.4	.2	.4	.2
350.	*	.0	.0	.0	.0	.3	.2	.4	.1	.2	.0
355.	*	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
360.	*	.0	.0	.0	.0	.3	.2	.5	.1	.1	.0
MAX	*	.2	.3	.5	.6	.6	.6	1.0	.7	1.0	.8
DEGR.	*	240	220	215	235	295	280	300	310	320	310

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 320 DEGREES FROM REC29.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 300 DEGREES FROM REC27.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 75 DEGREES FROM REC1 .

1

JOB: I-270 & MD 117 RAMPS
 DATE: 12/13/2006 TIME: 16:05:49.03

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 75	REC2 80	REC3 30	REC4 65	REC5 10	REC6 5	REC7 0	REC8 120	REC9 130	REC10 125	REC11 110	REC12 135	REC13 145	REC14 150	REC15 125	REC16 140	REC17 190	REC18 200	REC19 190	REC20 195
1	*	.0	.0	.0	.1	.0	.0	.2	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	
2	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.2	.2	.3	.3	.1	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0		
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0		
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.0		
24	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.1	.1	.1	.1	.0		
25	*	.0	.0	.0	.1	.0	.1	.2	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1		
26	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0		
29	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0		
30	*	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0		
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
35	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
43	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
44	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 240	REC22 220	REC23 215	REC24 235	REC25 295	REC26 280	REC27 300	REC28 310	REC29 320	REC30 310
46	*	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
47	*	.1	.2	.1	.1	.0	.0	.2	.2	.1	.1
48	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 & MD 117 RAMPS
 DATE: 12/13/2006 TIME: 16:05:49.03

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 240	REC22 220	REC23 215	REC24 235	REC25 295	REC26 280	REC27 300	REC28 310	REC29 320	REC30 310
1	*	.0	.1	.1	.1	.0	.1	.1	.2	.4	.4
2	*	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
4	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

										SSEXPM.OUT
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.0	.0	.0	.1	.1	.1	.1	.0
25	*	.0	.1	.1	.1	.0	.0	.1	.1	.1
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.1
27	*	.0	.0	.1	.1	.1	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.1	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.0	.0
32	*	.0	.0	.1	.1	.1	.1	.0	.0	.0
33	*	.0	.0	.0	.1	.2	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 & MD 117 RAMPS

RUN: EX 270 AND 117 RAMPS 1998 PM

PAGE 11

		CO/LINK (PPM)								
		ANGLE (DEGREES)								
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29
LINK #	*	240	220	215	235	295	280	300	310	320
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.1	.1	.1	.0	.1	.4	.1	.1
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S5NB15AM.DAT	
S5	NB15	I-270 & MD	117	RAMPS	60.0175.0.0000.000300.30480000	11	1				
R1	SB	ON	RAMP	251130.	536947.	5.					
R2	SB	ON	RAMP	251281.	536865.	5.					
R3	SB	ON	RAMP	251422.	536603.	5.					
R4	SB	ON	RAMP	251455.	536383.	5.					
R5	SB	ON	RAMP	251660.	536199.	5.					
R6	SB	ON	RAMP	251907.	536057.	5.					
R7	SB	ON	RAMP	252159.	535917.	5.					
R8	117	WB	SB ON	RAMP	251265.	537087.	5.				
R9	117	WB	SB ON	RAMP	251351.	537080.	5.				
R10	117	WB	SB ON	RAM	251450.	537075.	5.				
R11	117	WB	SB ON	RAM	251573.	537070.	5.				
R12	I270	SB	ROW	251697.	537073.	5.					
R13	I270	SB	ROW	251723.	537255.	5.					
R14	I270	SB	ROW	251671.	537409.	5.					
R15	I270	SB	ROW	251608.	537596.	5.					
R16	I270	SB	ROW	251607.	537743.	5.					
R17	I270	NB	ROW	251910.	537826.	5.					
R18	I270	NB	ROW	251931.	537710.	5.					
R19	I270	NB	ROW	252159.	537580.	5.					
R20	I270	NB	OFF	RAM	252379.	537478.	5.				
R21	I270	NB	OFF	RAM	252620.	537368.	5.				
R22	I270	NB	OFF	RAM	252666.	537055.	5.				
R23	I270	NB	OFF	RAM	252617.	536930.	5.				
R24	117	WB	ROW	252735.	536857.	5.					
R25	117	EB	ROW	252767.	536750.	5.					
R26	117	EB	ROW	252602.	536740.	5.					
R27	I270	NB	ROW	252415.	536643.	5.					
R28	I270	NB	ROW	252333.	536511.	5.					
R29	I270	NB	ROW	252353.	536310.	5.					
R30	I270	NB	ROW	252467.	536032.	5.					
S5	NB15	270	AND	117	RAMPS	AM	48	1	1		
1											
1	NB	270	AG252397.535937.252037.536904.	4850.	4.7	0.	68.	67			
2	NB	270	AG252037.536904.251761.537823.	4850.	4.7	0.	68.	67			
3	NB	SRVCRD	AG252429.535955.252356.536175.	1300.	4.1	0.	44.	55			
3	NB	SRVCRD	AG252356.536175.252074.536935.	1300.	4.1	0.	44.	55			
5	SB	117	onrAG252074.536935.252069.537046.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252069.537046.252061.537130.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252061.537130.252079.537216.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252079.537216.252129.537289.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252129.537289.252186.537340.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252186.537340.252254.537375.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252254.537375.252335.537389.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252335.537389.252446.537370.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252446.537370.252523.537321.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252523.537321.252583.537246.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252583.537246.252615.537157.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252615.537157.252615.537072.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252615.537072.252593.536994.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252593.536994.252552.536929.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252552.536929.252482.536873.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252482.536873.252406.536841.	1900.	3.0	0.	32.	30			
5	SB	117	onrAG252406.536841.252262.536821.	1900.	3.0	0.	32.	30			
22	NB	SRVC	RAAG252074.536935.251805.537836.	2950.	4.1	0.	44.	55			
23	SB	270	AG251680.537802.251797.537434.	7475.	4.5	0.	68.	62			
24	SB	270	AG251797.537434.252007.536758.	7475.	4.5	0.	68.	62			
25	SB	270	AG252007.536758.252210.536191.	7475.	4.5	0.	68.	62			
26	SB	270	AG252210.536191.252323.535914.	7475.	4.5	0.	68.	62			
27	WB	117	AG253019.536796.252262.536821.	3200.	3.0	0.	44.	30			
28	WB	117	AG252262.536821.251756.536870.	3200.	3.0	0.	44.	30			
29	WB	117	AG251756.536870.251535.536901.	3200.	3.0	0.	44.	30			
32	EB	117	AG251458.536900.251867.536837.	2825.	3.0	0.	44.	30			
32	EB	117	AG251867.536837.252245.536812.	2825.	3.0	0.	44.	30			
32	EB	117	AG252245.536812.252638.536796.	2825.	3.0	0.	44.	30			
32	EB	117	AG252638.536796.253020.536773.	2825.	3.0	0.	44.	30			
37	SB	270	ONRAG251043.537030.251113.536984.	4100.	3.0	0.	32.	30			
37	SB	270	ONRAG251113.536984.251241.536933.	4100.	3.0	0.	32.	30			
37	SB	270	ONRAG251241.536933.251354.536894.	4100.	3.0	0.	32.	30			
37	SB	270	ONRAG251354.536894.251478.536831.	4100.	3.0	0.	32.	30			

S5NB15AM.DAT

1									
37	SB	270	ONRAG251478.536831.251572.536738.	4100.	3.0	0.	32.	60	
1									
37	SB	270	ONRAG251572.536738.251746.536536.	4100.	3.0	0.	32.	30	
1									
37	SB	270	ONRAG251746.536536.252188.536012.	4100.	3.0	0.	32.	30	
1									
37	SB	270	ONRAG252188.536012.252242.535939.	4100.	3.0	0.	32.	30	
1									
37	SB	270	ONRAG252242.535939.252271.535898.	4100.	3.0	0.	32.	30	
1									
46	117	EB	NB	AG251459.536900.251231.536963.	550.	3.0	0.	44.	30
1									
47	117	EB	SB	AG251231.536963.251040.537049.	550.	3.0	0.	44.	30
2									
47	117	EB	SB	AG251213.536971.251051.537044.	0.24.0	2			
140				101	2.0	550	33.4	1863	1 3
1									
47	117	WB	SB	AG251537.536900.251239.536973.	4325.	3.0	0.	44.	30
2									
47	117	WB	SB	AG251257.536969.251452.536921.	0.24.0	2			
140				1	2.0	4325	33.4	1245	1 3
1									
47	117	WB	ENDAG251241.536975.251045.537066.	2500.	3.0	0.	44.	30	
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:35:54.52

RUN: S5 NB15 270 AND 117 RAMPS AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270	* 252397.0	535937.0	252037.0	536904.0	*	1032.	340. AG	4850.	4.7	.0	68.0	
2. 2	NB 270	* 252037.0	536904.0	251761.0	537823.0	*	960.	343. AG	4850.	4.7	.0	68.0	
3. 3	NB SRVCRD	* 252429.0	535955.0	252356.0	536175.0	*	232.	342. AG	1300.	4.1	.0	44.0	
4. 3	NB SRVCRD	* 252356.0	536175.0	252074.0	536935.0	*	811.	340. AG	1300.	4.1	.0	44.0	
5. 5	SB 117 onr*	252074.0	536935.0	252069.0	537046.0	*	111.	357. AG	1900.	3.0	.0	32.0	
6. 5	SB 117 onr*	252069.0	537046.0	252061.0	537130.0	*	84.	355. AG	1900.	3.0	.0	32.0	
7. 5	SB 117 onr*	252061.0	537130.0	252079.0	537216.0	*	88.	12. AG	1900.	3.0	.0	32.0	
8. 5	SB 117 onr*	252079.0	537216.0	252129.0	537289.0	*	88.	34. AG	1900.	3.0	.0	32.0	
9. 5	SB 117 onr*	252129.0	537289.0	252186.0	537340.0	*	76.	48. AG	1900.	3.0	.0	32.0	
10. 5	SB 117 onr*	252186.0	537340.0	252254.0	537375.0	*	76.	63. AG	1900.	3.0	.0	32.0	
11. 5	SB 117 onr*	252254.0	537375.0	252335.0	537389.0	*	82.	80. AG	1900.	3.0	.0	32.0	
12. 5	SB 117 onr*	252335.0	537389.0	252446.0	537370.0	*	113.	100. AG	1900.	3.0	.0	32.0	
13. 5	SB 117 onr*	252446.0	537370.0	252523.0	537321.0	*	91.	122. AG	1900.	3.0	.0	32.0	
14. 5	SB 117 onr*	252523.0	537321.0	252583.0	537246.0	*	96.	141. AG	1900.	3.0	.0	32.0	
15. 5	SB 117 onr*	252583.0	537246.0	252615.0	537157.0	*	95.	160. AG	1900.	3.0	.0	32.0	
16. 5	SB 117 onr*	252615.0	537157.0	252615.0	537072.0	*	85.	180. AG	1900.	3.0	.0	32.0	
17. 5	SB 117 onr*	252615.0	537072.0	252593.0	536994.0	*	81.	196. AG	1900.	3.0	.0	32.0	
18. 5	SB 117 onr*	252593.0	536994.0	252552.0	536929.0	*	77.	212. AG	1900.	3.0	.0	32.0	
19. 5	SB 117 onr*	252552.0	536929.0	252482.0	536873.0	*	90.	231. AG	1900.	3.0	.0	32.0	
20. 5	SB 117 onr*	252482.0	536873.0	252406.0	536841.0	*	82.	247. AG	1900.	3.0	.0	32.0	
21. 5	SB 117 onr*	252406.0	536841.0	252262.0	536821.0	*	145.	262. AG	1900.	3.0	.0	32.0	
22. 22	NB SRVC RA	* 252074.0	536935.0	251805.0	537836.0	*	940.	343. AG	2950.	4.1	.0	44.0	
23. 23	SB 270	* 251680.0	537802.0	251797.0	537434.0	*	386.	162. AG	7475.	4.5	.0	68.0	
24. 24	SB 270	* 251797.0	537434.0	252007.0	536758.0	*	708.	163. AG	7475.	4.5	.0	68.0	
25. 25	SB 270	* 252007.0	536758.0	252210.0	536191.0	*	602.	160. AG	7475.	4.5	.0	68.0	
26. 26	SB 270	* 252210.0	536191.0	252323.0	535914.0	*	299.	158. AG	7475.	4.5	.0	68.0	
27. 27	WB 117	* 253019.0	536796.0	252262.0	536821.0	*	757.	272. AG	3200.	3.0	.0	44.0	
28. 28	WB 117	* 252262.0	536821.0	251756.0	536870.0	*	508.	276. AG	3200.	3.0	.0	44.0	
29. 29	WB 117	* 251756.0	536870.0	251535.0	536901.0	*	223.	278. AG	3200.	3.0	.0	44.0	
30. 32	EB 117	* 251458.0	536900.0	251867.0	536837.0	*	414.	99. AG	2825.	3.0	.0	44.0	
31. 32	EB 117	* 251867.0	536837.0	252245.0	536812.0	*	379.	94. AG	2825.	3.0	.0	44.0	
32. 32	EB 117	* 252245.0	536812.0	252638.0	536796.0	*	393.	92. AG	2825.	3.0	.0	44.0	
33. 32	EB 117	* 252638.0	536796.0	253020.0	536773.0	*	383.	93. AG	2825.	3.0	.0	44.0	
34. 37	SB 270 ONR*	251043.0	537030.0	251113.0	536984.0	*	84.	123. AG	4100.	3.0	.0	32.0	
35. 37	SB 270 ONR*	251113.0	536984.0	251241.0	536933.0	*	138.	112. AG	4100.	3.0	.0	32.0	
36. 37	SB 270 ONR*	251241.0	536933.0	251354.0	536894.0	*	120.	109. AG	4100.	3.0	.0	32.0	
37. 37	SB 270 ONR*	251354.0	536894.0	251478.0	536831.0	*	139.	117. AG	4100.	3.0	.0	32.0	
38. 37	SB 270 ONR*	251478.0	536831.0	251572.0	536738.0	*	132.	135. AG	4100.	3.0	.0	32.0	
39. 37	SB 270 ONR*	251572.0	536738.0	251746.0	536536.0	*	267.	139. AG	4100.	3.0	.0	32.0	
40. 37	SB 270 ONR*	251746.0	536536.0	252188.0	536012.0	*	686.	140. AG	4100.	3.0	.0	32.0	
41. 37	SB 270 ONR*	252188.0	536012.0	252242.0	535939.0	*	91.	144. AG	4100.	3.0	.0	32.0	
42. 37	SB 270 ONR*	252242.0	535939.0	252271.0	535898.0	*	50.	145. AG	4100.	3.0	.0	32.0	
43. 46	117 EB NB	* 251459.0	536900.0	251231.0	536963.0	*	237.	285. AG	550.	3.0	.0	44.0	
44. 47	117 EB SB	* 251231.0	536963.0	251040.0	537049.0	*	209.	294. AG	550.	3.0	.0	44.0	

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:35:54.52

RUN: S5 NB15 270 AND 117 RAMPS AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 47	117 EB SB	* 251213.0	536971.0	251074.6	537033.4	*	152.	294. AG	129.	100.0	.0	24.0	.59 7.7
46. 47	117 WB SB	* 251537.0	536900.0	251239.0	536973.0	*	307.	284. AG	4325.	3.0	.0	44.0	
47. 47	117 WB SB	* 251257.0	536969.0	260760.2	534628.2	*	9787.	104. AG	1.	100.0	.0	24.0	1.80 497.2
48. 47	117 WB END*	251241.0	536975.0	251045.0	537066.0	*	216.	295. AG	2500.	3.0	.0	44.0	

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:35:54.52

RUN: S5 NB15 270 AND 117 RAMPS AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB SB	* 140	101	2.0	550	1863	33.40	1	3
47. 47	117 WB SB	* 140	1	2.0	4325	1245	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SB ON RAMP	*	251130.0	536947.0	5.0	*
2. R2 SB ON RAMP	*	251281.0	536865.0	5.0	*
3. R3 SB ON RAMP	*	251422.0	536603.0	5.0	*
4. R4 SB ON RAMP	*	251455.0	536383.0	5.0	*
5. R5 SB ON RAMP	*	251660.0	536199.0	5.0	*
6. R6 SB ON RAMP	*	251907.0	536057.0	5.0	*
7. R7 SB ON RAMP	*	252159.0	535917.0	5.0	*
8. R8 117 WB SB ON RAMP	*	251265.0	537087.0	5.0	*
9. R9 117 WB SB ON RAMP	*	251351.0	537080.0	5.0	*
10. R10 117 WB SB ON RAM	*	251450.0	537075.0	5.0	*
11. R11 117 WB SB ON RAM	*	251573.0	537070.0	5.0	*
12. R12 I270 SB ROW	*	251697.0	537073.0	5.0	*
13. R13 I270 SB ROW	*	251723.0	537255.0	5.0	*

S5NB15AM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*	
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*	
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*	
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*	
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*	
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*	
20.	R20	I270	NB	OFF	RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF	RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF	RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF	RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*	
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*	
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*	
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*	
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*	
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*	
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*	

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.6	.4	.2	.0	.3	.5	1.1	.0	.0	.0	.1	.3	.5	.3	.0	.0	.0	.0	.0	.0
5.	*	.6	.4	.2	.0	.3	.5	.9	.0	.0	.0	.1	.4	.7	.5	.1	.0	.0	.0	.0	.0
10.	*	.6	.4	.3	.1	.2	.6	.8	.0	.0	.1	.3	.6	.8	.5	.2	.0	.0	.0	.0	.0
15.	*	.6	.4	.4	.3	.3	.5	.9	.0	.0	.1	.3	.7	.8	.7	.2	.0	.0	.0	.0	.0
20.	*	.6	.5	.4	.2	.3	.4	.9	.0	.1	.2	.3	.6	.8	.8	.3	.0	.0	.0	.0	.0
25.	*	.6	.5	.5	.3	.3	.4	.9	.1	.1	.2	.5	.7	.8	.8	.4	.0	.0	.0	.0	.0
30.	*	.7	.6	.4	.3	.4	.4	.8	.1	.2	.3	.4	.6	.8	.8	.5	.1	.0	.0	.0	.0
35.	*	.7	.6	.4	.3	.4	.4	.8	.2	.2	.2	.5	.6	.8	.8	.5	.1	.0	.0	.0	.0
40.	*	.8	.7	.4	.3	.3	.4	.8	.2	.2	.3	.5	.6	.8	.8	.6	.2	.0	.0	.0	.0
45.	*	.9	.7	.4	.3	.4	.4	.8	.2	.2	.4	.4	.6	.8	.8	.7	.2	.0	.0	.0	.0
50.	*	.9	.6	.4	.3	.4	.4	.8	.2	.3	.4	.4	.6	.8	.7	.7	.3	.0	.0	.0	.0
55.	*	1.0	.6	.3	.4	.4	.4	.8	.3	.3	.4	.4	.6	.8	.7	.7	.5	.0	.0	.0	.0
60.	*	.9	.7	.4	.3	.4	.5	.8	.3	.2	.4	.4	.6	.8	.7	.7	.5	.0	.0	.0	.0
65.	*	1.0	.7	.4	.2	.4	.4	.7	.2	.2	.4	.4	.6	.8	.8	.7	.7	.0	.0	.0	.0
70.	*	.9	.7	.4	.3	.4	.4	.8	.2	.3	.4	.4	.6	.8	.7	.7	.8	.0	.0	.0	.0
75.	*	.9	.8	.4	.3	.4	.5	.8	.2	.3	.4	.4	.6	.8	.8	.7	.9	.0	.0	.0	.0
80.	*	1.0	.8	.3	.3	.3	.4	.6	.2	.3	.4	.4	.6	.8	.7	.7	.9	.0	.0	.0	.0
85.	*	1.0	.7	.3	.3	.4	.4	.6	.2	.3	.3	.4	.6	.8	.8	.7	.9	.0	.0	.0	.0
90.	*	.8	.8	.3	.3	.4	.4	.4	.2	.3	.3	.4	.6	.8	.8	.7	.9	.0	.0	.0	.0
95.	*	.8	.8	.3	.3	.4	.4	.3	.2	.3	.3	.4	.6	.8	.8	.7	.9	.0	.0	.0	.0
100.	*	1.1	.6	.3	.3	.3	.4	.2	.2	.3	.3	.3	.6	.8	.7	.7	1.0	.0	.0	.0	.0
105.	*	.9	.4	.3	.4	.3	.3	.2	.2	.3	.5	.4	.6	.8	.7	.7	1.0	.0	.0	.0	.0
110.	*	.6	.4	.3	.3	.2	.1	.1	.4	.3	.4	.5	.5	.8	.8	.7	1.0	.0	.0	.0	.0
115.	*	.5	.4	.4	.3	.1	.1	.0	.5	.5	.4	.4	.6	.8	.8	.8	1.0	.0	.0	.0	.0
120.	*	.4	.3	.4	.1	.1	.0	.0	.4	.5	.5	.5	.7	.8	.8	.8	1.1	.0	.0	.0	.0
125.	*	.2	.4	.3	.0	.0	.0	.0	.4	.5	.5	.4	.8	.8	.8	.9	1.1	.0	.0	.0	.0
130.	*	.0	.3	.2	.0	.0	.0	.0	.4	.5	.4	.7	.8	.9	.8	.8	1.1	.0	.0	.0	.0
135.	*	.0	.1	.0	.0	.0	.0	.0	.4	.4	.4	.6	.8	.8	.9	.8	1.1	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.7	.9	1.0	.9	1.2	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.6	.9	.8	1.0	1.2	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.5	.7	.8	.7	.7	1.2	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.4	.6	.6	.6	1.0	.0	.0	.0	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.4	.4	.4	.4	.8	.3	.3	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.3	.3	.2	.6	.5	.5	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.1	.1	.1	.1	.7	.7	.2	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.0	.1	.9	.9	.2	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.3	.0	.0	.0	.0	.9	1.0	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.3	.0	.0	.0	.0	.9	.8	.4	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.4	.3	.0	.0	.0	.0	.8	.9	.5	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.2	.0	.0	.0	.0	.9	1.0	.6	.3
200.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.8	.8	.5	.2
205.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.9	.9	.5	.3

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.8	.8	.5	.4
215.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.0	.0	.8	.9	.5	.3
220.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.0	.0	.8	.8	.5	.4
225.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.0	.0	.8	.8	.5	.5
230.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.1	.1	.0	.0	.0	.8	.8	.5	.4
235.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.1	.1	.0	.0	.0	.8	.8	.5	.4
240.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.1	.0	.0	.0	.0	.8	.8	.5	.4
245.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.1	.0	.0	.0	.0	.8	.8	.5	.4
250.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.1	.0	.0	.0	.0	.8	.8	.5	.3
255.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.0	.0	.0	.6	.8	.5	.3
260.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.1	.0	.0	.0	.0	.5	.8	.5	.3
265.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.8	.5	.4
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.5	.4
275.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.5	.3
280.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.5	.3
285.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.5	.3
290.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.3
295.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.2
300.	*	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.2
305.	*	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
310.	*	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0

S5NB15AM.OUT

315.	*	.5	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	*	.6	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
325.	*	.7	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
330.	*	.6	.5	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.7	.6	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.7	.5	.1	.0	.0	.1	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
345.	*	.7	.3	.1	.0	.0	.2	.7	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
350.	*	.7	.4	.2	.0	.0	.3	.8	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0
355.	*	.7	.4	.2	.0	.1	.3	1.0	.0	.0	.0	.2	.4	.2	.0	.0	.0	.0	.0	.0
360.	*	.6	.4	.2	.0	.3	.5	1.1	.0	.0	.0	.1	.3	.5	.3	.0	.0	.0	.0	.0

MAX	*	1.1	.8	.5	.4	.4	.6	1.1	.5	.5	.5	.7	.8	.9	1.0	1.0	1.2	.9	1.0	.6
DEGR.	*	100	75	25	55	30	10	0	115	115	105	130	125	145	140	145	140	175	180	195
																				225

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.1	.0	.4	.4	.2	.2	.0	.0
5.	*	.0	.0	.1	.0	.4	.4	.2	.2	.0	.0
10.	*	.0	.0	.0	.0	.4	.4	.2	.2	.0	.0
15.	*	.0	.0	.0	.0	.4	.4	.2	.2	.0	.0
20.	*	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0
25.	*	.0	.0	.0	.0	.4	.4	.2	.2	.0	.0
30.	*	.0	.0	.0	.0	.4	.4	.2	.2	.0	.0
35.	*	.0	.0	.0	.0	.4	.4	.2	.1	.0	.0
40.	*	.0	.0	.0	.0	.4	.4	.2	.1	.0	.0
45.	*	.0	.0	.0	.0	.4	.4	.2	.1	.0	.0
50.	*	.0	.0	.0	.0	.5	.4	.2	.1	.0	.0
55.	*	.0	.0	.0	.0	.5	.4	.2	.1	.0	.0
60.	*	.0	.0	.0	.0	.5	.4	.2	.1	.0	.0
65.	*	.0	.0	.0	.0	.5	.4	.2	.0	.0	.0
70.	*	.0	.0	.0	.0	.5	.4	.2	.0	.0	.0
75.	*	.0	.0	.0	.0	.5	.4	.2	.0	.0	.0
80.	*	.0	.0	.0	.0	.4	.4	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
90.	*	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0
95.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
100.	*	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0
130.	*	.0	.1	.2	.4	.0	.0	.0	.0	.0	.0
135.	*	.0	.1	.2	.4	.0	.0	.0	.0	.0	.0
140.	*	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0
145.	*	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0
150.	*	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0
155.	*	.0	.2	.2	.4	.0	.0	.0	.1	.0	.0
160.	*	.0	.2	.2	.4	.0	.0	.0	.1	.1	.0
165.	*	.0	.2	.2	.4	.0	.0	.0	.1	.3	.0
170.	*	.0	.2	.2	.4	.0	.0	.0	.3	.5	.0
175.	*	.0	.1	.2	.4	.0	.0	.1	.4	.6	.0
180.	*	.0	.1	.2	.4	.0	.0	.2	.6	.8	.0
185.	*	.0	.1	.2	.4	.0	.0	.2	.6	.7	.0
190.	*	.1	.1	.3	.4	.0	.1	.3	.7	.8	.0
195.	*	.1	.2	.4	.4	.0	.2	.4	.7	.8	.0
200.	*	.2	.4	.4	.5	.0	.2	.4	.8	.9	.1
205.	*	.3	.5	.5	.6	.2	.2	.4	.7	.9	.2

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.3	.4	.5	.6	.2	.3	.5	.9	.8	.3
215.	*	.3	.4	.4	.7	.2	.3	.4	.8	.9	.3
220.	*	.3	.5	.4	.6	.2	.3	.4	.8	1.0	.4
225.	*	.4	.6	.4	.5	.3	.2	.4	.8	.9	.5
230.	*	.2	.6	.4	.6	.2	.2	.4	.8	1.0	.6
235.	*	.3	.4	.4	.6	.2	.3	.4	.8	.9	.6
240.	*	.2	.3	.5	.7	.2	.3	.4	.8	1.0	.7
245.	*	.2	.4	.5	.7	.2	.3	.4	.8	1.0	.8
250.	*	.2	.4	.6	.6	.2	.3	.4	.8	.9	.8
255.	*	.3	.3	.7	.7	.2	.2	.4	.8	1.0	.8
260.	*	.3	.3	.4	.6	.2	.2	.4	.8	1.0	.9
265.	*	.3	.3	.4	.7	.4	.2	.4	.7	1.0	.9
270.	*	.2	.3	.4	.5	.5	.4	.4	.7	.9	1.0
275.	*	.3	.3	.4	.4	.6	.6	.4	.7	1.0	1.0
280.	*	.2	.3	.3	.3	.6	.6	.5	.7	1.0	1.0
285.	*	.2	.3	.3	.2	.7	.7	.5	.7	1.0	.9
290.	*	.2	.5	.4	.2	.8	.8	.6	.7	.9	1.0
295.	*	.2	.5	.4	.2	.8	.7	.7	.8	.9	1.0
300.	*	.0	.3	.5	.3	.8	.7	.6	.7	1.0	1.0
305.	*	.0	.3	.5	.3	.6	.7	.6	.7	1.1	1.0
310.	*	.0	.3	.4	.2	.7	.8	.7	.9	1.2	.9
315.	*	.0	.1	.3	.1	.6	.8	.6	1.0	1.1	1.0

S5NB15AM.OUT

320.	*	.0	.1	.1	.0	.4	.7	.9	1.0	1.1	1.1
325.	*	.0	.1	.1	.0	.4	.5	.7	1.1	1.1	1.0
330.	*	.0	.1	.1	.0	.4	.4	.6	.9	1.0	.9
335.	*	.0	.2	.2	.0	.4	.4	.4	.7	.9	.7
340.	*	.0	.1	.2	.0	.4	.4	.3	.3	.6	.6
345.	*	.0	.0	.1	.0	.4	.4	.2	.2	.5	.3
350.	*	.0	.0	.1	.0	.4	.4	.2	.0	.1	.1
355.	*	.0	.0	.1	.0	.4	.4	.2	.0	.0	.0
360.	*	.0	.0	.1	.0	.4	.4	.2	.2	.0	.0
MAX	*	.4	.6	.7	.7	.8	.8	.9	1.1	1.2	1.1
DEGR.	*	225	225	255	240	290	290	320	325	310	320

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 140 DEGREES FROM REC16.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 310 DEGREES FROM REC29.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 100 DEGREES FROM REC1 .

1

JOB: S5 NB15 I-270 & MD 117 RAMPS
 DATE: 01/11/2007 TIME: 14:35:54.52

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		100	75	25	55	30	10	0	115	115	105	130	125	145	140	145	140	175	180	195	225
1	*	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.1	.1	.0	.1	.1	.1	.0
2	*	.0	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.2	.2	.3	.3	.3	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1
23	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.0	.0	.0	.0
24	*	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.4	.5	.4	.2	.2	.3	.2	.2
25	*	.1	.0	.0	.1	.1	.2	.4	.1	.1	.0	.2	.1	.1	.1	.1	.0	.1	.1	.1	.0
26	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		100	75	25	55	30	10	0	115	115	105	130	125	145	140	145	140	175	180	195	225
46	*	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB15 I-270 & MD 117 RAMPS
 DATE: 01/11/2007 TIME: 14:35:54.52

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)								
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29
		225	225	255	240	290	290	320	325	310
1	*	.1	.1	.1	.1	.0	.0	.0	.2	.5
2	*	.0	.0	.0	.0	.1	.1	.2	.2	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.1	.2
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5NB15AM.OUT

6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.0	.1	.0	.1	.2	.2	.1	.1	.1
25	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.3
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0
28	*	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
32	*	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0
33	*	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS AM

PAGE 11

		CO/LINK (PPM)		ANGLE (DEGREES)								
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	
LINK #	*	225	225	255	240	290	290	320	325	310	320	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

S5NB15PM.DAT
 S5 NB15 I-270 & MD 117 RAMP 60.0175.0.0000.000300.30480000 11 1
 R1 SB ON RAMP 251130. 536947. 5.
 R2 SB ON RAMP 251281. 536865. 5.
 R3 SB ON RAMP 251422. 536603. 5.
 R4 SB ON RAMP 251455. 536383. 5.
 R5 SB ON RAMP 251660. 536199. 5.
 R6 SB ON RAMP 251907. 536057. 5.
 R7 SB ON RAMP 252159. 535917. 5.
 R8 117 WB SB ON RAMP 251265. 537087. 5.
 R9 117 WB SB ON RAMP 251351. 537080. 5.
 R10 117 WB SB ON RAM 251450. 537075. 5.
 R11 117 WB SB ON RAM 251573. 537070. 5.
 R12 I270 SB ROW 251697. 537073. 5.
 R13 I270 SB ROW 251723. 537255. 5.
 R14 I270 SB ROW 251671. 537409. 5.
 R15 I270 SB ROW 251608. 537596. 5.
 R16 I270 SB ROW 251607. 537743. 5.
 R17 I270 NB ROW 251910. 537826. 5.
 R18 I270 NB ROW 251931. 537710. 5.
 R19 I270 NB ROW 252159. 537580. 5.
 R20 I270 NB OFF RAM 252379. 537478. 5.
 R21 I270 NB OFF RAM 252620. 537368. 5.
 R22 I270 NB OFF RAM 252666. 537055. 5.
 R23 I270 NB OFF RAM 252617. 536930. 5.
 R24 117 WB ROW 252735. 536857. 5.
 R25 117 EB ROW 252767. 536750. 5.
 R26 117 EB ROW 252602. 536740. 5.
 R27 I270 NB ROW 252415. 536643. 5.
 R28 I270 NB ROW 252333. 536511. 5.
 R29 I270 NB ROW 252353. 536310. 5.
 R30 I270 NB ROW 252467. 536032. 5.
 S5 NB15 270 AND 117 RAMP 48 1 1

1
 1 NB 270 AG252397.535937.252037.536904. 10225. 3.5 0. 68. 19
 2 NB 270 AG252037.536904.251761.537823. 10225. 3.5 0. 68. 19
 3 NB SRVCRD AG252429.535955.252356.536175. 2250. 4.1 0. 44. 55
 3 NB SRVCRD AG252356.536175.252074.536935. 2250. 4.1 0. 44. 55
 5 SB 117 onrAG252074.536935.252069.537046. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252069.537046.252061.537130. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252061.537130.252079.537216. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252079.537216.252129.537289. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252129.537289.252186.537340. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252186.537340.252254.537375. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252254.537375.252335.537389. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252335.537389.252446.537370. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252446.537370.252523.537321. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252523.537321.252583.537246. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252583.537246.252615.537157. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252615.537157.252615.537072. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252615.537072.252593.536994. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252593.536994.252552.536929. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252552.536929.252482.536873. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252482.536873.252406.536841. 3425. 3.0 0. 32. 30
 5 SB 117 onrAG252406.536841.252262.536821. 3425. 3.0 0. 32. 30
 22 NB SRVC RAAG252074.536935.251805.537836. 6800. 4.1 0. 44. 55
 23 SB 270 AG251680.537802.251797.537434. 3675. 4.7 0. 68. 68
 24 SB 270 AG251797.537434.252007.536758. 3675. 4.7 0. 68. 68
 25 SB 270 AG252007.536758.252210.536191. 3675. 4.7 0. 68. 68
 26 SB 270 AG252210.536191.252323.535914. 3675. 4.7 0. 68. 68
 27 WB 117 AG253019.536796.252262.536821. 2075. 3.0 0. 44. 30
 28 WB 117 AG252262.536821.251756.536870. 2075. 3.0 0. 44. 30
 29 WB 117 AG251756.536870.251535.536901. 2075. 3.0 0. 44. 30
 32 EB 117 AG251458.536900.251867.536837. 1975. 3.0 0. 44. 30
 32 EB 117 AG251867.536837.252245.536812. 1975. 3.0 0. 44. 30
 32 EB 117 AG252245.536812.252638.536796. 1975. 3.0 0. 44. 30
 32 EB 117 AG252638.536796.253020.536773. 1975. 3.0 0. 44. 30
 37 SB 270 ONRAG251043.537030.251113.536984. 2300. 3.0 0. 32. 60
 37 SB 270 ONRAG251113.536984.251241.536933. 2300. 3.0 0. 32. 60
 37 SB 270 ONRAG251241.536933.251354.536894. 2300. 3.0 0. 32. 60
 37 SB 270 ONRAG251354.536894.251478.536831. 2300. 3.0 0. 32. 60

S5NB15PM.DAT

1									
37	SB	270	ONRAG251478.536831.251572.536738.	2300.	3.0	0.	32.	60	
1									
37	SB	270	ONRAG251572.536738.251746.536536.	2300.	3.0	0.	32.	60	
1									
37	SB	270	ONRAG251746.536536.252188.536012.	2300.	3.0	0.	32.	60	
1									
37	SB	270	ONRAG252188.536012.252242.535939.	2300.	3.0	0.	32.	60	
1									
37	SB	270	ONRAG252242.535939.252271.535898.	2300.	3.0	0.	32.	60	
1									
46	117	EB	NB	AG251459.536900.251231.536963.	875.	3.0	0.	44.	30
1									
47	117	EB	SB	AG251231.536963.251040.537049.	875.	3.0	0.	44.	30
2									
47	117	EB	SB	AG251213.536971.251051.537044.	0.24.	0	2		
130				72	2.0	875	33.4	1863	1 3
1									
47	117	WB	SB	AG251537.536900.251239.536973.	4100.	3.0	0.	44.	30
2									
47	117	WB	SB	AG251257.536969.251452.536921.	0.24.	0	2		
130				1	2.0	4100	33.4	1223	1 3
1									
47	117	WB	ENDAG251241.536975.251045.537066.	2900.	3.0	0.	44.	30	
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:36:22.75

RUN: S5 NB15 270 AND 117 RAMPS PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270	* 252397.0	535937.0	252037.0	536904.0	*	1032.	340. AG	10225.	3.5	.0	68.0	
2. 2	NB 270	* 252037.0	536904.0	251761.0	537823.0	*	960.	343. AG	10225.	3.5	.0	68.0	
3. 3	NB SRVCRD	* 252429.0	535955.0	252356.0	536175.0	*	232.	342. AG	2250.	4.1	.0	44.0	
4. 3	NB SRVCRD	* 252356.0	536175.0	252074.0	536935.0	*	811.	340. AG	2250.	4.1	.0	44.0	
5. 5	SB 117 onr*	252074.0	536935.0	252069.0	537046.0	*	111.	357. AG	3425.	3.0	.0	32.0	
6. 5	SB 117 onr*	252069.0	537046.0	252061.0	537130.0	*	84.	355. AG	3425.	3.0	.0	32.0	
7. 5	SB 117 onr*	252061.0	537130.0	252079.0	537216.0	*	88.	12. AG	3425.	3.0	.0	32.0	
8. 5	SB 117 onr*	252079.0	537216.0	252129.0	537289.0	*	88.	34. AG	3425.	3.0	.0	32.0	
9. 5	SB 117 onr*	252129.0	537289.0	252186.0	537340.0	*	76.	48. AG	3425.	3.0	.0	32.0	
10. 5	SB 117 onr*	252186.0	537340.0	252254.0	537375.0	*	76.	63. AG	3425.	3.0	.0	32.0	
11. 5	SB 117 onr*	252254.0	537375.0	252335.0	537389.0	*	82.	80. AG	3425.	3.0	.0	32.0	
12. 5	SB 117 onr*	252335.0	537389.0	252446.0	537370.0	*	113.	100. AG	3425.	3.0	.0	32.0	
13. 5	SB 117 onr*	252446.0	537370.0	252523.0	537321.0	*	91.	122. AG	3425.	3.0	.0	32.0	
14. 5	SB 117 onr*	252523.0	537321.0	252583.0	537246.0	*	96.	141. AG	3425.	3.0	.0	32.0	
15. 5	SB 117 onr*	252583.0	537246.0	252615.0	537157.0	*	95.	160. AG	3425.	3.0	.0	32.0	
16. 5	SB 117 onr*	252615.0	537157.0	252615.0	537072.0	*	85.	180. AG	3425.	3.0	.0	32.0	
17. 5	SB 117 onr*	252615.0	537072.0	252593.0	536994.0	*	81.	196. AG	3425.	3.0	.0	32.0	
18. 5	SB 117 onr*	252593.0	536994.0	252552.0	536929.0	*	77.	212. AG	3425.	3.0	.0	32.0	
19. 5	SB 117 onr*	252552.0	536929.0	252482.0	536873.0	*	90.	231. AG	3425.	3.0	.0	32.0	
20. 5	SB 117 onr*	252482.0	536873.0	252406.0	536841.0	*	82.	247. AG	3425.	3.0	.0	32.0	
21. 5	SB 117 onr*	252406.0	536841.0	252262.0	536821.0	*	145.	262. AG	3425.	3.0	.0	32.0	
22. 22	NB SRVC RA	* 252074.0	536935.0	251805.0	537836.0	*	940.	343. AG	6800.	4.1	.0	44.0	
23. 23	SB 270	* 251680.0	537802.0	251797.0	537434.0	*	386.	162. AG	3675.	4.7	.0	68.0	
24. 24	SB 270	* 251797.0	537434.0	252007.0	536758.0	*	708.	163. AG	3675.	4.7	.0	68.0	
25. 25	SB 270	* 252007.0	536758.0	252210.0	536191.0	*	602.	160. AG	3675.	4.7	.0	68.0	
26. 26	SB 270	* 252210.0	536191.0	252323.0	535914.0	*	299.	158. AG	3675.	4.7	.0	68.0	
27. 27	WB 117	* 253019.0	536796.0	252262.0	536821.0	*	757.	272. AG	2075.	3.0	.0	44.0	
28. 28	WB 117	* 252262.0	536821.0	251756.0	536870.0	*	508.	276. AG	2075.	3.0	.0	44.0	
29. 29	WB 117	* 251756.0	536870.0	251535.0	536901.0	*	223.	278. AG	2075.	3.0	.0	44.0	
30. 32	EB 117	* 251458.0	536900.0	251867.0	536837.0	*	414.	99. AG	1975.	3.0	.0	44.0	
31. 32	EB 117	* 251867.0	536837.0	252245.0	536812.0	*	379.	94. AG	1975.	3.0	.0	44.0	
32. 32	EB 117	* 252245.0	536812.0	252638.0	536796.0	*	393.	92. AG	1975.	3.0	.0	44.0	
33. 32	EB 117	* 252638.0	536796.0	253020.0	536773.0	*	383.	93. AG	1975.	3.0	.0	44.0	
34. 37	SB 270 ONR*	251043.0	537030.0	251113.0	536984.0	*	84.	123. AG	2300.	3.0	.0	32.0	
35. 37	SB 270 ONR*	251113.0	536984.0	251241.0	536933.0	*	138.	112. AG	2300.	3.0	.0	32.0	
36. 37	SB 270 ONR*	251241.0	536933.0	251354.0	536894.0	*	120.	109. AG	2300.	3.0	.0	32.0	
37. 37	SB 270 ONR*	251354.0	536894.0	251478.0	536831.0	*	139.	117. AG	2300.	3.0	.0	32.0	
38. 37	SB 270 ONR*	251478.0	536831.0	251572.0	536738.0	*	132.	135. AG	2300.	3.0	.0	32.0	
39. 37	SB 270 ONR*	251572.0	536738.0	251746.0	536536.0	*	267.	139. AG	2300.	3.0	.0	32.0	
40. 37	SB 270 ONR*	251746.0	536536.0	252188.0	536012.0	*	686.	140. AG	2300.	3.0	.0	32.0	
41. 37	SB 270 ONR*	252188.0	536012.0	252242.0	535939.0	*	91.	144. AG	2300.	3.0	.0	32.0	
42. 37	SB 270 ONR*	252242.0	535939.0	252271.0	535898.0	*	50.	145. AG	2300.	3.0	.0	32.0	
43. 46	117 EB NB	* 251459.0	536900.0	251231.0	536963.0	*	237.	285. AG	875.	3.0	.0	44.0	
44. 47	117 EB SB	* 251231.0	536963.0	251040.0	537049.0	*	209.	294. AG	875.	3.0	.0	44.0	

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:36:22.75

RUN: S5 NB15 270 AND 117 RAMPS PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 47	117 EB SB	* 251213.0	536971.0	251056.2	537041.7	*	172.	294. AG	99.	100.0	.0	24.0	.57 8.7
46. 47	117 WB SB	* 251537.0	536900.0	251239.0	536973.0	*	307.	284. AG	4100.	3.0	.0	44.0	
47. 47	117 WB SB	* 251257.0	536969.0	259915.7	534836.2	*	8918.	104. AG	1.	100.0	.0	24.0	1.74 453.0
48. 47	117 WB END*	251241.0	536975.0	251045.0	537066.0	*	216.	295. AG	2900.	3.0	.0	44.0	

JOB: S5 NB15 I-270 & MD 117 RAMPS
DATE: 01/11/2007 TIME: 14:36:22.75

RUN: S5 NB15 270 AND 117 RAMPS PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB SB	* 130	72	2.0	875	1863	33.40	1	3
47. 47	117 WB SB	* 130	1	2.0	4100	1223	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SB ON RAMP	*	251130.0	536947.0	5.0	*
2. R2 SB ON RAMP	*	251281.0	536865.0	5.0	*
3. R3 SB ON RAMP	*	251422.0	536603.0	5.0	*
4. R4 SB ON RAMP	*	251455.0	536383.0	5.0	*
5. R5 SB ON RAMP	*	251660.0	536199.0	5.0	*
6. R6 SB ON RAMP	*	251907.0	536057.0	5.0	*
7. R7 SB ON RAMP	*	252159.0	535917.0	5.0	*
8. R8 117 WB SB ON RAMP	*	251265.0	537087.0	5.0	*
9. R9 117 WB SB ON RAMP	*	251351.0	537080.0	5.0	*
10. R10 117 WB SB ON RAM	*	251450.0	537075.0	5.0	*
11. R11 117 WB SB ON RAM	*	251573.0	537070.0	5.0	*
12. R12 I270 SB ROW	*	251697.0	537073.0	5.0	*
13. R13 I270 SB ROW	*	251723.0	537255.0	5.0	*

S5NB15PM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*	
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*	
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*	
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*	
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*	
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*	
20.	R20	I270	NB	OFF	RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF	RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF	RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF	RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*	
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*	
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*	
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*	
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*	
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*	
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*	

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.7	.3	.1	.0	.1	.6	1.0	.0	.0	.0	.0	.3	.5	.2	.0	.0	.0	.0	.0	.0
5.	*	.7	.3	.1	.0	.3	.6	.8	.0	.0	.0	.2	.4	.5	.3	.0	.0	.0	.0	.0	.0
10.	*	.7	.3	.2	.1	.3	.6	.8	.0	.0	.0	.2	.5	.8	.5	.1	.0	.0	.0	.0	.0
15.	*	.7	.3	.2	.2	.4	.6	.9	.0	.0	.1	.3	.7	.8	.5	.1	.0	.0	.0	.0	.0
20.	*	.7	.3	.2	.2	.3	.4	.9	.0	.0	.2	.4	.7	.8	.6	.2	.0	.0	.0	.0	.0
25.	*	.7	.4	.2	.3	.4	.4	.7	.0	.1	.3	.4	.6	.9	.8	.3	.0	.0	.0	.0	.0
30.	*	.7	.5	.3	.3	.4	.4	.6	.1	.3	.3	.5	.7	.9	.7	.4	.0	.0	.0	.0	.0
35.	*	.8	.5	.3	.3	.2	.4	.6	.3	.3	.4	.4	.7	.9	.8	.5	.1	.0	.0	.0	.0
40.	*	.9	.5	.3	.3	.2	.4	.6	.3	.3	.4	.4	.7	.8	.8	.5	.1	.0	.0	.0	.0
45.	*	.9	.5	.3	.4	.3	.4	.6	.3	.4	.4	.4	.7	.8	.7	.6	.1	.0	.0	.0	.0
50.	*	.9	.6	.3	.3	.3	.4	.7	.3	.3	.4	.4	.7	.8	.7	.7	.2	.0	.0	.0	.0
55.	*	.8	.6	.3	.1	.3	.4	.7	.2	.4	.4	.4	.7	.7	.7	.7	.4	.0	.0	.0	.0
60.	*	.7	.6	.4	.1	.3	.4	.7	.2	.4	.4	.4	.7	.7	.7	.7	.5	.0	.0	.0	.0
65.	*	.9	.7	.3	.2	.3	.5	.7	.3	.4	.4	.4	.7	.8	.7	.7	.6	.0	.0	.0	.0
70.	*	.8	.7	.3	.2	.3	.4	.7	.3	.4	.4	.4	.7	.8	.8	.7	.8	.0	.0	.0	.0
75.	*	.8	.8	.2	.2	.3	.4	.5	.3	.4	.4	.4	.7	.8	.7	.7	.8	.0	.0	.0	.0
80.	*	.9	.6	.3	.2	.3	.4	.5	.3	.4	.4	.4	.7	.8	.7	.7	.9	.0	.0	.0	.0
85.	*	.9	.6	.3	.2	.3	.4	.4	.3	.4	.4	.4	.7	.7	.8	.7	.9	.0	.0	.0	.0
90.	*	.8	.6	.2	.2	.2	.3	.3	.3	.3	.4	.4	.7	.7	.8	.7	.9	.0	.0	.0	.0
95.	*	.7	.3	.2	.2	.2	.3	.3	.3	.3	.4	.4	.7	.8	.7	.7	.9	.0	.0	.0	.0
100.	*	.5	.2	.2	.1	.2	.2	.2	.4	.4	.4	.4	.6	.8	.7	.7	.9	.0	.0	.0	.0
105.	*	.4	.3	.2	.1	.2	.2	.0	.3	.3	.4	.4	.6	.8	.8	.7	.9	.0	.0	.0	.0
110.	*	.4	.2	.2	.1	.2	.2	.0	.2	.3	.3	.4	.6	.8	.8	.8	.9	.0	.0	.0	.0
115.	*	.3	.2	.3	.1	.1	.0	.0	.2	.1	.3	.5	.6	.9	.8	.8	1.0	.0	.0	.0	.0
120.	*	.1	.2	.2	.1	.0	.0	.0	.3	.4	.4	.4	.6	.9	.9	.9	1.0	.0	.0	.0	.0
125.	*	.1	.1	.1	.0	.0	.0	.0	.3	.4	.3	.5	.7	.9	.9	.9	1.0	.0	.0	.0	.0
130.	*	.1	.1	.1	.0	.0	.0	.0	.3	.5	.5	.4	.7	.8	1.0	.8	1.1	.0	.0	.0	.1
135.	*	.0	.1	.0	.0	.0	.0	.0	.3	.4	.5	.3	.7	1.0	.9	.9	1.1	.0	.0	.0	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.4	.7	1.0	.9	.9	1.1	.0	.0	.0	.1
145.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.5	.8	.7	.7	1.1	.0	.0	.0	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.3	.8	.7	.7	1.0	.0	.0	.0	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.4	.6	.7	.8	.2	.3	.0	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.1	.4	.3	.3	.6	.4	.4	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.2	.0	.2	.2	.2	.4	.5	.7	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.1	.8	1.0	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	1.0	1.1	.2	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	1.2	1.2	.5	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	1.1	1.3	.5	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.0	1.2	1.3	.5	.4
195.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	1.2	1.2	.6	.4
200.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	1.2	1.2	.6	.5
205.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.0	.0	.0	.0	1.0	1.2	.6	.5

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.0	.0	.0	.0	1.0	1.2	.6	.6
215.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	1.1	1.1	.6	.5
220.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.0	.0	.0	1.1	1.0	.6	.5
225.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1	.0	.0	.0	1.0	1.1	.6	.5
230.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	1.0	1.1	.6	.6
235.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.9	1.1	.5	.6
240.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.9	1.1	.5	.4
245.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.9	1.1	.6	.4
250.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.9	1.1	.6	.4
255.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.9	1.1	.6	.4
260.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	.0	.0	.0	.0	.7	1.1	.6	.4
265.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.7	1.1	.5	.3
270.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.6	1.1	.5	.4
275.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.6	.4
280.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	.6	.4
285.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	.5	.4
290.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	.5	.4
295.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.5	.2
300.	*	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.2
305.	*	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.2
310.	*	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0

S5NB15PM.OUT

315.	*	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
320.	*	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
325.	*	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
330.	*	.5	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
335.	*	.6	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.6	.3	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.7	.3	.1	.0	.0	.0	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
350.	*	.8	.2	.1	.0	.0	.3	.8	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
355.	*	.7	.3	.1	.0	.0	.4	.9	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0
360.	*	.7	.3	.1	.0	.1	.6	1.0	.0	.0	.0	.3	.5	.2	.0	.0	.0	.0	.0
MAX	*	.9	.8	.4	.4	.4	.6	1.0	.4	.5	.5	.5	.7	1.0	1.0	.9	1.1	1.2	1.3
DEGR.	*	65	75	60	45	15	0	0	100	130	130	30	15	135	130	120	130	180	185
																		195	210

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
5.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
10.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
15.	*	.0	.0	.1	.0	.3	.2	.2	.0	.0	.0
20.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
25.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
30.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
35.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
40.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
45.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
50.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
95.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
100.	*	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.2	.2	.0	.0	.0	.2	.0	.0
160.	*	.0	.0	.2	.2	.0	.0	.0	.1	.3	.0
165.	*	.0	.0	.1	.2	.0	.0	.0	.2	.5	.0
170.	*	.0	.0	.1	.2	.0	.0	.1	.4	.6	.0
175.	*	.1	.0	.1	.2	.0	.0	.1	.5	.8	.0
180.	*	.1	.0	.2	.2	.0	.0	.2	.6	1.0	.0
185.	*	.2	.0	.3	.2	.0	.0	.3	.7	1.1	.0
190.	*	.2	.1	.3	.2	.0	.1	.5	.7	1.2	.0
195.	*	.3	.1	.3	.3	.0	.1	.5	.8	1.1	.2
200.	*	.3	.1	.3	.3	.1	.2	.5	.8	1.1	.2
205.	*	.2	.1	.4	.3	.1	.2	.6	.8	1.1	.3

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.3	.3	.4	.3	.1	.2	.5	.7	1.0	.3
215.	*	.2	.4	.5	.3	.1	.2	.5	.7	1.0	.4
220.	*	.2	.6	.5	.4	.1	.3	.5	.8	.9	.6
225.	*	.2	.6	.5	.6	.2	.3	.5	.8	1.0	.7
230.	*	.3	.6	.5	.6	.2	.3	.5	.7	1.0	.8
235.	*	.5	.4	.6	.7	.3	.3	.5	.8	1.0	.8
240.	*	.5	.4	.7	.7	.3	.3	.5	.8	.9	.8
245.	*	.5	.3	.8	.6	.3	.3	.5	.8	1.0	1.0
250.	*	.4	.3	.8	.6	.3	.3	.5	.8	1.0	1.0
255.	*	.4	.5	.5	.5	.3	.3	.5	.8	1.0	1.0
260.	*	.4	.6	.5	.3	.2	.3	.5	.8	1.0	1.0
265.	*	.5	.5	.5	.3	.1	.3	.5	.8	1.0	1.0
270.	*	.4	.5	.6	.5	.3	.2	.5	.7	1.0	1.0
275.	*	.4	.5	.5	.4	.4	.3	.5	.8	1.0	1.0
280.	*	.3	.6	.5	.3	.6	.5	.5	.8	1.0	1.0
285.	*	.2	.6	.6	.3	.8	.6	.6	.8	1.0	1.1
290.	*	.2	.5	.6	.3	.7	.7	.5	.8	1.1	1.1
295.	*	.2	.5	.6	.4	.8	.7	.8	.7	1.2	1.1
300.	*	.2	.3	.5	.3	.7	.6	.7	.8	1.2	1.1
305.	*	.0	.4	.5	.2	.6	.7	.8	.9	1.2	1.1
310.	*	.0	.4	.4	.2	.6	.7	.6	1.0	1.2	1.1
315.	*	.0	.4	.4	.2	.5	.5	.6	1.0	1.2	1.2

S5NB15PM.OUT

320.	*	.0	.3	.4	.2	.5	.4	.6	.9	1.3	1.1
325.	*	.0	.3	.2	.0	.3	.5	.8	.8	1.4	1.2
330.	*	.0	.3	.2	.0	.3	.5	.7	.9	1.4	1.3
335.	*	.0	.2	.2	.0	.3	.3	.5	.8	1.0	1.1
340.	*	.0	.2	.2	.0	.3	.3	.5	.5	.9	.6
345.	*	.0	.2	.2	.0	.3	.2	.3	.2	.5	.5
350.	*	.0	.1	.3	.0	.3	.2	.3	.2	.4	.3
355.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
360.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
MAX	*	.5	.6	.8	.7	.8	.7	.8	1.0	1.4	1.3
DEGR.	*	235	220	245	235	285	290	295	310	325	330

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 325 DEGREES FROM REC29.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 330 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 185 DEGREES FROM REC18.

1

JOB: S5 NB15 I-270 & MD 117 RAMPS
 DATE: 01/11/2007 TIME: 14:36:22.75

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 65	REC2 75	REC3 60	REC4 45	REC5 15	REC6 0	REC7 0	REC8 100	REC9 130	REC10 130	REC11 30	REC12 15	REC13 135	REC14 130	REC15 120	REC16 130	REC17 180	REC18 185	REC19 195	REC20 210
1	*	.0	.0	.1	.1	.0	.1	.3	.1	.2	.2	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1
2	*	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.2	.3	.3	.4	.4	.5	.5	.5	.2	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.1	.2	.2	.3	.5	.5	.2	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.0	.0	.0	
24	*	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.3	.3	.1	.0	.1	.2	.1	.1
25	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 65	REC2 75	REC3 60	REC4 45	REC5 15	REC6 0	REC7 0	REC8 100	REC9 130	REC10 130
46	*	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB15 I-270 & MD 117 RAMPS
 DATE: 01/11/2007 TIME: 14:36:22.75

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 235	REC22 220	REC23 245	REC24 235	REC25 285	REC26 290	REC27 295	REC28 310	REC29 325	REC30 330
1	*	.1	.2	.2	.2	.1	.1	.3	.5	.7	.6
2	*	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5NB15PM.OUT

6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
22	*	.1	.0	.0	.0	.1	.1	.0	.0	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1
25	*	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
32	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
33	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB15 I-270 & MD 117 RAMPS

RUN: S5 NB15 270 AND 117 RAMPS PM

PAGE 11

		CO/LINK (PPM)		ANGLE (DEGREES)								
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	
LINK #	*	235	220	245	235	285	290	295	310	325	330	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

S5 BD1 15 I-270 & MD 117 RAMPS 60.0175.0.0000.000300.30480000 S5B115AM.DAT 11 1

REC 1	SB ON RMP	250973.	536973.	5.
REC 2	SB ON RMP	251060.	536903.	5.
REC 3	SB ON RMP	251135.	536823.	5.
REC 4	SB ON RMP	251209.	536705.	5.
REC 5	SB ON RMP	251449.	536369.	5.
REC 6	SB ON RMP	251813.	536056.	5.
REC 7	SB ON RMP	252143.	535829.	5.
REC 8	117 WB SB ON	251112.	537090.	5.
REC 9	117 WB SB ON	251190.	537085.	5.
REC 10	117 WB SB ON	251278.	537081.	5.
REC 11	117 WB SB ON	251401.	537074.	5.
REC 12	I270 SB	251696.	537061.	5.
REC 13	I270 SB	251755.	537164.	5.
REC 14	I270 SB	251712.	537290.	5.
REC 15	I270 SB	251665.	537439.	5.
REC 16	I270 SB	251593.	537691.	5.
REC 17	I270 NB	251904.	537827.	5.
REC 18	I270 NB	251931.	537714.	5.
REC 19	I270 NB	252113.	537600.	5.
REC 20	I270 NB OFF	252256.	537525.	5.
REC 21	I270 NB OFF	252435.	537447.	5.
REC 22	I270 NB OFF	252620.	537364.	5.
REC 23	I270 NB OFF	252614.	536939.	5.
REC 24	117 WB	252774.	536855.	5.
REC 25	117 EB	252803.	536749.	5.
REC 26	117 EB	252606.	536739.	5.
REC 27	I270 NB	252409.	536647.	5.
REC 28	I270 NB	252327.	536513.	5.
REC 29	I270 NB	252351.	536311.	5.
REC 30	I270 NB	252419.	536138.	5.

S5 BD1 15 AM 270/117 RAMPS 50 1 1

55	1	270 NB GPdAG251815.537797.252102.536855.	2000	4.7	0.	68.	67
55	1	270 NB GPaAG252102.536855.252339.536215.	3750	4.6	0.	68.	63
55	1	270 NB GP AG252339.536215.252473.535930.	3750	4.6	0.	68.	63
55	1	270 NB ETLAG251755.537782.252042.536825.	1100	4.6	0.	44.	63
55	1	270 NB ETLAG252039.536831.252234.536316.	1100	4.6	0.	44.	63
55	1	270 NB ETLAG252234.536316.252417.535901.	1100	4.6	0.	44.	63
55	1	270 SB ETLAG252327.535871.252171.536268.	2550	4.5	0.	44.	62
55	1	270 SB ETLAG252171.536268.251995.536837.	2550	4.5	0.	44.	62
55	1	270 SB ETLAG251998.536840.251707.537767.	2550	4.5	0.	44.	62
55	1	270 SB GPdAG252264.535856.252111.536262.	9275	4.1	0.	68.	55
55	1	270 SB GPdAG252111.536262.251923.536843.	9275	4.1	0.	68.	55
55	1	270 SB GPaAG251923.536846.251653.537743.	5375	4.7	0.	68.	66
0	1	270 SB on AG252485.535272.252306.535598.	3900	3.3	0.	44.	40
0	1	270 SB on AG252306.535598.252117.535876.	3900	3.3	0.	44.	40
0	1	270 SB on AG252117.535876.251962.536082.	3900	3.3	0.	44.	40
0	1	270 SB on AG251962.536082.251752.536324.	3900	3.3	0.	44.	40
0	1	270 SB on AG251752.536324.251549.536537.	3900	3.3	0.	44.	40
0	1	270 SB on AG251549.536537.251387.536686.	3900	3.3	0.	44.	40
0	1	270 SB on AG251387.536686.251243.536809.	3900	3.3	0.	44.	40
0	1	270 SB on AG251243.536809.251055.536956.	3900	3.3	0.	44.	40
0	1	270 NB offAG252543.536841.252580.537010.	1750	3.0	0.	44.	30
0	1	270 NB offAG252580.537010.252600.537102.	1750	3.0	0.	44.	30
0	1	270 NB offAG252600.537102.252594.537191.	1750	3.0	0.	44.	30
0	1	270 NB offAG252594.537191.252559.537266.	1750	3.0	0.	44.	30
0	1	270 NB offAG252559.537266.252492.537332.	1750	3.0	0.	44.	30
0	1	270 NB offAG252492.537332.252435.537364.	1750	3.0	0.	44.	30
0	1	270 NB offAG252435.537364.252360.537384.	1750	3.0	0.	44.	30
0	1	270 NB offAG252360.537384.252287.537381.	1750	3.0	0.	44.	30
0	1	270 NB offAG252287.537381.252194.537348.	1750	3.0	0.	44.	30
0	1	270 NB offAG252194.537348.252131.537293.	1750	3.0	0.	44.	30
0	1	270 NB offAG252131.537293.252093.537231.	1750	3.0	0.	44.	30
0	1	270 NB offAG252093.537231.252073.537178.	1750	3.0	0.	44.	30
0	1	270 NB offAG252073.537178.252062.536995.	1750	3.0	0.	44.	30
0	1	117EBapramAG251565.536870.251357.536919.	400	3.3	0.	32.	40
0	1	117EBapramAG251357.536919.251213.536965.	400	3.3	0.	32.	40
0	1	117EBapAllAG251213.536965.251064.537016.	2725	3.3	0.	32.	40
0	1	117EB&270 AG252229.536813.251898.536828.	400	3.3	0.	32.	40

S5B115AM.DAT									
1									
0	1	117EB&270	AG251898.536828.251687.536848.	400	3.3	0.	32.	40	
0	1	117EB&270	AG251687.536848.251559.536869.	400	3.3	0.	32.	40	
0	2								
LT	130	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1			
		1	1.0 1575 33.4 177 1 3						
0	1	117EBdp	AG253044.536797.252769.536789.	1075	3.3	0.	44.	40	
0	1	117EBdp	AG252769.536789.252477.536796.	1075	3.3	0.	44.	40	
0	1	117EBdp	AG252477.536796.252232.536814.	1075	3.3	0.	44.	40	
0	1	117WBap	AG252062.536846.252421.536827.	3725	3.0	0.	44.	30	
0	1	117WBap	AG252421.536827.253044.536841.	3725	3.0	0.	44.	30	
0	1	117WBapR	AG251803.536859.252062.536846.	3725	3.0	0.	44.	30	
Th	1	117WBRampA	AG251574.536894.251804.536863.	3725	3.0	0.	44.	30	
0	1	117WBRampD	AG251067.537045.251248.536976.	2150	4.2	0.	44.	65	
0	1	117WBRampD	AG251248.536976.251441.536925.	2150	4.2	0.	44.	65	
0	1	117WBRampD	AG251441.536925.251575.536894.	2150	4.2	0.	44.	65	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:07:21.87

RUN: S5 BD1 15 AM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	2000.	4.7	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	3750.	4.6	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	3750.	4.6	.0	68.0	
4. 55	270 NB ETl*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	1100.	4.6	.0	44.0	
5. 55	270 NB ETl*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	1100.	4.6	.0	44.0	
6. 55	270 NB ETl*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	1100.	4.6	.0	44.0	
7. 55	270 SB ETl*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	2550.	4.5	.0	44.0	
8. 55	270 SB ETl*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	2550.	4.5	.0	44.0	
9. 55	270 SB ETl*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	2550.	4.5	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	9275.	4.1	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	9275.	4.1	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	5375.	4.7	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	3900.	3.3	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	3900.	3.3	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	3900.	3.3	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	3900.	3.3	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	3900.	3.3	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	3900.	3.3	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	3900.	3.3	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	3900.	3.3	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	1750.	3.0	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	1750.	3.0	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	1750.	3.0	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	1750.	3.0	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	1750.	3.0	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	1750.	3.0	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	1750.	3.0	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	1750.	3.0	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	1750.	3.0	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	1750.	3.0	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	1750.	3.0	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	1750.	3.0	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	1750.	3.0	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	400.	3.3	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	400.	3.3	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	2725.	3.3	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	400.	3.3	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	400.	3.3	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	400.	3.3	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	256835.2	534480.4	*	*****	99. AG	1. 100.0	.0	12.0	9.21 732.5	
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	1075.	3.3	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	1075.	3.3	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	1075.	3.3	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	3725.	3.0	.0	44.0	

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:07:21.87

RUN: S5 BD1 15 AM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	3725.	3.0	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	3725.	3.0	.0	44.0	
47. Th	117WBRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	3725.	3.0	.0	44.0	
48. 0	117WBRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2150.	4.2	.0	44.0	
49. 0	117WBRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2150.	4.2	.0	44.0	
50. 0	117WBRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2150.	4.2	.0	44.0	

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:07:21.87

RUN: S5 BD1 15 AM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	130	1	1.0	1575	177	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B115AM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.5	.2	.1	.3	1.6	.0	.0	.0	.0	.4	.7	.6	.4	.0	.0	.0	.0	.0
5.	*	.0	.5	.5	.1	.2	.4	1.3	.0	.0	.0	.0	.4	.8	.7	.6	.0	.0	.0	.0	.0
10.	*	.0	.5	.5	.2	.2	.5	1.3	.0	.0	.0	.0	.4	.8	.7	.6	.0	.0	.0	.0	.0
15.	*	.0	.5	.5	.2	.2	.5	1.2	.0	.0	.0	.1	.5	1.0	.8	.6	.0	.0	.0	.0	.0
20.	*	.0	.5	.5	.3	.2	.5	1.2	.0	.0	.0	.1	.5	.9	.8	.7	.0	.0	.0	.0	.0
25.	*	.0	.5	.5	.4	.2	.7	1.3	.0	.0	.0	.1	.5	.9	.9	.7	.1	.0	.0	.0	.0
30.	*	.0	.5	.5	.3	.3	.6	1.2	.0	.0	.1	.1	.5	.9	.9	.7	.1	.0	.0	.0	.0
35.	*	.0	.5	.4	.4	.2	.5	1.1	.0	.1	.1	.1	.5	.9	.7	.7	.1	.0	.0	.0	.0
40.	*	.0	.6	.5	.3	.3	.6	1.1	.1	.1	.1	.2	.5	.7	.7	.7	.2	.0	.0	.0	.0
45.	*	.1	.6	.5	.3	.3	.7	1.1	.1	.1	.1	.2	.5	.7	.7	.7	.2	.0	.0	.0	.0
50.	*	.2	.6	.5	.3	.2	.6	1.0	.1	.1	.1	.2	.5	.7	.7	.7	.3	.0	.0	.0	.0
55.	*	.2	.6	.5	.3	.2	.4	1.0	.1	.1	.1	.2	.5	.7	.7	.7	.4	.0	.0	.0	.0
60.	*	.3	.6	.5	.3	.3	.5	1.0	.1	.1	.1	.2	.5	.7	.7	.7	.5	.0	.0	.0	.0
65.	*	.3	.6	.5	.3	.4	.5	.9	.1	.1	.1	.2	.5	.7	.7	.7	.5	.0	.0	.0	.0
70.	*	.3	.8	.5	.3	.4	.4	1.0	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
75.	*	.3	.6	.4	.4	.4	.5	.9	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
80.	*	.3	.6	.4	.3	.4	.6	.6	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
85.	*	.4	.6	.5	.3	.4	.6	.6	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
90.	*	.5	.6	.4	.3	.3	.5	.5	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
95.	*	.6	.5	.4	.4	.3	.5	.5	.1	.1	.1	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
100.	*	.4	.5	.4	.4	.4	.4	.4	.1	.1	.1	.1	.5	.7	.7	.7	.7	.0	.0	.0	.0
105.	*	.3	.5	.4	.3	.3	.3	.5	.2	.2	.2	.2	.5	.7	.7	.7	.7	.0	.0	.0	.0
110.	*	.4	.6	.4	.2	.2	.3	.5	.2	.2	.2	.2	.6	.8	.7	.7	.7	.0	.0	.0	.0
115.	*	.4	.5	.5	.4	.2	.2	.6	.2	.3	.3	.4	.6	.9	.8	.8	.9	.0	.0	.0	.0
120.	*	.4	.6	.5	.4	.2	.3	.6	.3	.3	.3	.4	.7	.9	.9	.9	.9	.0	.0	.0	.0
125.	*	.5	.6	.4	.3	.1	.3	.7	.3	.2	.3	.4	.7	1.0	.9	.9	1.0	.0	.0	.0	.0
130.	*	.4	.3	.3	.2	.0	.1	.8	.4	.3	.2	.4	.7	.9	.9	.9	1.0	.0	.0	.0	.0
135.	*	.1	.2	.0	.0	.0	.1	.9	.6	.3	.3	.5	.8	.9	.9	.9	1.0	.0	.0	.0	.0
140.	*	.1	.0	.0	.0	.0	.0	1.0	.3	.2	.3	.3	.7	1.1	.9	.9	1.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	1.0	.4	.2	.2	.3	.9	1.1	.9	.9	1.1	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.9	.5	.3	.1	.2	.7	1.3	.7	1.1	1.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.9	.5	.3	.1	.1	.5	1.1	1.0	1.0	.7	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.8	.4	.2	.1	.1	.4	.9	.6	.6	.6	.1	.2	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.2	.3	.5	.5	.4	.4	.3	.3	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.5	.4	.4	.2	.2	.1	.3	.2	.2	.3	.4	.5	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.4	.4	.3	.2	.2	.1	.1	.2	.2	.1	.5	.5	.3	.1
180.	*	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.1	.1	.1	.0	.0	.0	.6	.6	.4	.3
185.	*	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.1	.1	.0	.0	.0	.7	.7	.2	.3
190.	*	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.1	.1	.0	.0	.0	.6	.7	.3	.2
195.	*	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.2	.1	.1	.0	.0	.0	.6	.6	.4	.1
200.	*	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.1	.1	.0	.0	.0	.6	.6	.4	.2
205.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.2	.2	.1	.1	.0	.0	.0	.6	.6	.3	.3

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.6	.6	.4	.3
215.	*	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.1	.0	.0	.0	.0	.6	.6	.4	.3
220.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.0	.0	.0	.0	.0	.6	.6	.4	.3
225.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.1	.0	.0	.0	.0	.6	.6	.4	.3
230.	*	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.5	.6	.4	.3
235.	*	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.4	.6	.3	.3
240.	*	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3	.3	.0	.0	.0	.0	.0	.4	.6	.3	.3
245.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.6	.3	.3
250.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.6	.4	.3
255.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.2	.6	.4	.3
260.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.6	.3	.3
265.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3
270.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
275.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3
280.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3
285.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2
290.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
295.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
300.	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
305.	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

S5B115AM.OUT

310.	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
315.	*	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.1	.2	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.2	.1	.0	1.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.2	.2	.1	1.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
340.	*	.0	.1	.3	.2	.1	1.2	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0
345.	*	.0	.2	.5	.2	.2	1.2	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0
350.	*	.0	.2	.5	.3	.1	1.4	.0	.0	.0	.0	.1	.6	.4	.2	.0	.0	.0	.0
355.	*	.0	.2	.5	.3	.1	1.6	.0	.0	.0	.0	.2	.7	.6	.3	.0	.0	.0	.0
360.	*	.0	.2	.5	.2	.1	1.6	.0	.0	.0	.0	.4	.7	.6	.4	.0	.0	.0	.0
MAX	*	.6	.8	.5	.4	.4	.7	1.6	.6	.4	.3	.5	.9	1.3	1.1	1.0	1.1	.7	.7
DEGR.	*	95	70	0	25	65	25	0	135	170	115	135	145	150	150	155	145	185	185
																		180	180

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.1	.0	.3	.3	.1	.1	.1	.0
5.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
10.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0
20.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
30.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
35.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
45.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	.0
50.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	.0
55.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	.0
60.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	.0
65.	*	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0
70.	*	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0
75.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0
80.	*	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0
85.	*	.0	.0	.0	.5	.1	.1	.0	.0	.0	.0
90.	*	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.2	.7	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.2	.6	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.2	.6	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.2	.6	.0	.0	.0	.0	.0	.1
135.	*	.0	.0	.2	.5	.0	.0	.0	.0	.0	.1
140.	*	.0	.0	.2	.5	.0	.0	.0	.0	.0	.1
145.	*	.0	.0	.2	.5	.0	.0	.0	.0	.1	.2
150.	*	.0	.0	.2	.5	.0	.0	.0	.0	.2	.3
155.	*	.1	.0	.2	.5	.0	.0	.0	.1	.3	.4
160.	*	.1	.0	.1	.5	.0	.0	.0	.1	.4	.5
165.	*	.1	.0	.1	.5	.0	.0	.0	.2	.5	.5
170.	*	.1	.0	.2	.5	.0	.0	.1	.2	.6	.6
175.	*	.0	.0	.1	.4	.0	.0	.1	.4	.7	.6
180.	*	.0	.0	.1	.4	.0	.0	.1	.5	.9	.6
185.	*	.3	.0	.1	.4	.0	.0	.3	.8	.9	.7
190.	*	.4	.0	.1	.4	.0	.0	.3	.6	1.0	.7
195.	*	.4	.1	.2	.4	.0	.2	.4	.7	1.0	.8
200.	*	.3	.2	.2	.5	.0	.2	.4	.7	1.1	1.0
205.	*	.3	.3	.3	.6	.0	.1	.4	.7	1.1	.9

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.2	.2	.5	.6	.1	.2	.5	.7	1.0	1.0
215.	*	.2	.2	.6	.6	.1	.2	.4	.7	1.0	1.0
220.	*	.3	.1	.6	.7	.1	.3	.5	.6	1.1	1.1
225.	*	.3	.2	.4	.9	.1	.3	.6	.7	1.0	1.0
230.	*	.1	.2	.4	.9	.2	.3	.5	.8	.9	1.0
235.	*	.2	.3	.5	.8	.3	.2	.5	.8	.9	1.0
240.	*	.2	.2	.5	.9	.2	.2	.5	.8	1.0	1.1
245.	*	.1	.2	.5	.9	.2	.3	.5	.8	1.0	1.1
250.	*	.1	.1	.4	.9	.2	.3	.5	.8	1.1	1.1
255.	*	.1	.1	.4	1.0	.2	.3	.5	.8	1.1	1.1
260.	*	.1	.1	.3	.9	.2	.3	.5	.8	1.1	1.0
265.	*	.1	.1	.4	.9	.2	.2	.5	.8	.8	1.0
270.	*	.1	.1	.2	.7	.4	.3	.5	.8	.8	1.0
275.	*	.1	.1	.2	.6	.4	.3	.5	.8	.9	1.1
280.	*	.1	.1	.2	.4	.5	.4	.5	.8	.9	1.2
285.	*	.1	.1	.2	.3	.5	.3	.5	.8	1.0	1.0
290.	*	.1	.1	.2	.3	.4	.3	.4	.8	1.0	1.0
295.	*	.0	.0	.2	.2	.4	.4	.3	.8	1.0	1.1
300.	*	.0	.0	.2	.2	.4	.6	.5	.8	1.1	1.2
305.	*	.0	.0	.2	.2	.4	.6	.4	.8	1.1	1.3
310.	*	.0	.0	.2	.1	.4	.5	.6	.7	1.1	1.2

S5B115AM.OUT

315.	*	.0	.0	.1	.1	.3	.5	.5	.7	1.2	1.1
320.	*	.0	.0	.1	.0	.3	.4	.4	.7	1.2	1.4
325.	*	.0	.0	.1	.0	.3	.3	.3	.6	1.3	1.3
330.	*	.0	.0	.1	.0	.3	.3	.3	.6	1.0	1.0
335.	*	.0	.0	.2	.0	.3	.4	.2	.5	1.0	.8
340.	*	.0	.0	.2	.0	.3	.4	.1	.4	.6	.6
345.	*	.0	.0	.1	.0	.3	.4	.1	.2	.4	.3
350.	*	.0	.0	.1	.0	.3	.4	.1	.1	.2	.2
355.	*	.0	.0	.1	.0	.3	.4	.1	.1	.1	.1
360.	*	.0	.0	.1	.0	.3	.3	.1	.1	.1	.0

MAX	*	.4	.3	.6	1.0	.5	.6	.6	.8	1.3	1.4
DEGR.	*	190	205	215	255	280	300	225	185	325	320

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 0 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 320 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 150 DEGREES FROM REC13.

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
 DATE: 04/23/2007 TIME: 21:07:21.87

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1 95	* REC2 70	* REC3 0	* REC4 25	* REC5 65	* REC6 25	* REC7 0	* REC8 135	* REC9 170	* REC10 115	* REC11 135	* REC12 145	* REC13 150	* REC14 150	* REC15 155	* REC16 145	* REC17 185	* REC18 185	* REC19 180	* REC20 180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0
2	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.5	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1
11	*	.1	.0	.0	.0	.2	.3	.2	.1	.0	.1	.2	.4	.3	.2	.2	.0	.1	.1	.1
12	*	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.5	.5	.7	.2	.2	.2	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.1	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 9

LINK #	* REC1 95	* REC2 70	* REC3 0	* REC4 25	* REC5 65	* REC6 25	* REC7 0	* REC8 135	* REC9 170	* REC10 115	* REC11 135	* REC12 145	* REC13 150	* REC14 150	* REC15 155	* REC16 145	* REC17 185	* REC18 185	* REC19 180	* REC20 180
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.1	.1	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
 DATE: 04/23/2007 TIME: 21:07:21.87

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC21 190	* REC22 205	* REC23 215	* REC24 255	* REC25 280	* REC26 300	* REC27 225	* REC28 185	* REC29 325	* REC30 320
1	*	.0	.0	.0	.0	.1	.0	.0	.0	.0
2	*	.1	.1	.1	.1	.0	.0	.2	.3	.7

Page 4

S5B115AM.OUT

3	*	.0	.0	.0	.0	.0	.0	.1	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0
8	*	.0	.0	.0	.0	.0	.1	.0	.1	.1
9	*	.0	.0	.0	.0	.0	.1	.0	.1	.0
10	*	.1	.1	.1	.0	.0	.1	.2	.0	.0
11	*	.1	.1	.1	.1	.1	.0	.2	.0	.3
12	*	.0	.0	.0	.0	.1	.1	.0	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.1	.1	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.1	.1	.0	.0	.0
45	*	.0	.0	.2	.7	.1	.1	.0	.0	.0

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 AM 270/117 RAMPS

PAGE 11

	CO/LINK (PPM)									
	ANGLE (DEGREES)									
LINK #	REC21 190	REC22 205	REC23 215	REC24 255	REC25 280	REC26 300	REC27 225	REC28 185	REC29 325	REC30 320
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B115PM.DAT

S5 BD1	15	I-270 & MD	117	RAMPS	60.0175.0.0000.000300.30480000	11	1

REC 1	SB	ON	RMP	250973.	536973.	5.	
REC 2	SB	ON	RMP	251060.	536903.	5.	
REC 3	SB	ON	RMP	251135.	536823.	5.	
REC 4	SB	ON	RMP	251209.	536705.	5.	
REC 5	SB	ON	RMP	251449.	536369.	5.	
REC 6	SB	ON	RMP	251813.	536056.	5.	
REC 7	SB	ON	RMP	252143.	535829.	5.	
REC 8	117	WB	SB ON	251112.	537090.	5.	
REC 9	117	WB	SB ON	251190.	537085.	5.	
REC 10	117	WB	SB ON	251278.	537081.	5.	
REC 11	117	WB	SB ON	251401.	537074.	5.	
REC 12	I270	SB		251696.	537061.	5.	
REC 13	I270	SB		251755.	537164.	5.	
REC 14	I270	SB		251712.	537290.	5.	
REC 15	I270	SB		251665.	537439.	5.	
REC 16	I270	SB		251593.	537691.	5.	
REC 17	I270	NB		251904.	537827.	5.	
REC 18	I270	NB		251931.	537714.	5.	
REC 19	I270	NB		252113.	537600.	5.	
REC 20	I270	NB	OFF	252256.	537525.	5.	
REC 21	I270	NB	OFF	252435.	537447.	5.	
REC 22	I270	NB	OFF	252620.	537364.	5.	
REC 23	I270	NB	OFF	252614.	536939.	5.	
REC 24	117	WB		252774.	536855.	5.	
REC 25	117	EB		252803.	536749.	5.	
REC 26	117	EB		252606.	536739.	5.	
REC 27	I270	NB		252409.	536647.	5.	
REC 28	I270	NB		252327.	536513.	5.	
REC 29	I270	NB		252351.	536311.	5.	
REC 30	I270	NB		252419.	536138.	5.	

S5 BD1 15 PM 270/117 RAMPS 50 1 1

55	1	270	NB	GPdAG251815.537797.252102.536855.	4725	3.8	0.68.	50
55	1	270	NB	GPaAG252102.536855.252339.536215.	7800	3.8	0.68.	13
55	1	270	NB	GP AG252339.536215.252473.535930.	7800	3.8	0.68.	13
55	1	270	NB	ETLAG251755.537782.252042.536825.	2500	4.5	0.44.	61
55	1	270	NB	ETLAG252039.536831.252234.536316.	2500	4.5	0.44.	61
55	1	270	NB	ETLAG252234.536316.252417.535901.	2500	4.5	0.44.	61
55	1	270	SB	ETLAG252327.535871.252171.536268.	950	4.7	0.44.	64
55	1	270	SB	ETLAG252171.536268.251995.536837.	950	4.7	0.44.	64
55	1	270	SB	ETLAG251998.536840.251707.537767.	950	4.7	0.44.	64
55	1	270	SB	GPdAG252264.535856.252111.536262.	5225	4.7	0.68.	67
55	1	270	SB	GPdAG252111.536262.251923.536843.	5225	4.7	0.68.	67
55	1	270	SB	GPaAG251923.536846.251653.537743.	3125	4.7	0.68.	68
0	1	270	SB	on AG252485.535272.252306.535598.	2100	3.3	0.44.	40
0	1	270	SB	on AG252306.535598.252117.535876.	2100	3.3	0.44.	40
0	1	270	SB	on AG252117.535876.251962.536082.	2100	3.3	0.44.	40
0	1	270	SB	on AG251962.536082.251752.536324.	2100	3.3	0.44.	40
0	1	270	SB	on AG251752.536324.251549.536537.	2100	3.3	0.44.	40
0	1	270	SB	on AG251549.536537.251387.536686.	2100	3.3	0.44.	40
0	1	270	SB	on AG251387.536686.251243.536809.	2100	3.3	0.44.	40
0	1	270	SB	on AG251243.536809.251055.536956.	2100	3.3	0.44.	40
0	1	270	NB	offAG252543.536841.252580.537010.	3075	3.1	0.44.	30
0	1	270	NB	offAG252580.537010.252600.537102.	3075	3.1	0.44.	30
0	1	270	NB	offAG252600.537102.252594.537191.	3075	3.1	0.44.	30
0	1	270	NB	offAG252594.537191.252559.537266.	3075	3.1	0.44.	30
0	1	270	NB	offAG252559.537266.252492.537332.	3075	3.1	0.44.	30
0	1	270	NB	offAG252492.537332.252435.537364.	3075	3.1	0.44.	30
0	1	270	NB	offAG252435.537364.252360.537384.	3075	3.1	0.44.	30
0	1	270	NB	offAG252360.537384.252287.537381.	3075	3.1	0.44.	30
0	1	270	NB	offAG252287.537381.252194.537348.	3075	3.1	0.44.	30
0	1	270	NB	offAG252194.537348.252131.537293.	3075	3.1	0.44.	30
0	1	270	NB	offAG252131.537293.252093.537231.	3075	3.1	0.44.	30
0	1	270	NB	offAG252093.537231.252073.537178.	3075	3.1	0.44.	30
0	1	270	NB	offAG252073.537178.252062.536995.	3075	3.1	0.44.	30
0	1	117	EB	apramAG251565.536870.251357.536919.	850	3.3	0.32.	40
0	1	117	EB	apramAG251357.536919.251213.536965.	850	3.3	0.32.	40
0	1	117	EB	apAllAG251213.536965.251064.537016.	1925	3.3	0.32.	40
0	1	117	EB&270	AG252229.536813.251898.536828.	850	3.3	0.32.	40

		S5B115PM.DAT					
0	1	117EB&270	AG251898.536828.251687.536848.	850	3.3	0.32.	40
0	1	117EB&270	AG251687.536848.251559.536869.	850	3.3	0.32.	40
LT	2	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1	
	100	1	1.0 1025 33.4 159 1 3				
0	1	117EBdp	AG253044.536797.252769.536789.	2025	3.3	0.44.	40
0	1	117EBdp	AG252769.536789.252477.536796.	2025	3.3	0.44.	40
0	1	117EBdp	AG252477.536796.252232.536814.	2025	3.3	0.44.	40
0	1	117WBap	AG252062.536846.252421.536827.	3700	3.1	0.44.	30
0	1	117WBap	AG252421.536827.253044.536841.	3700	3.1	0.44.	30
0	1	117WBapR	AG251803.536859.252062.536846.	3700	3.1	0.44.	30
Th	1	117WBRampA	AG251574.536894.251804.536863.	3700	3.1	0.44.	30
	1	117WBRampD	AG251067.537045.251248.536976.	2675	4.7	0.44.	65
0	1	117WBRampD	AG251248.536976.251441.536925.	2675	4.7	0.44.	65
0	1	117WBRampD	AG251441.536925.251575.536894.	2675	4.7	0.44.	65
1.0	0.4	1000.	0.0Y 5 0 72				

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:11:20.63

RUN: S5 BD1 15 PM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	4725.	3.8	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	7800.	3.8	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	7800.	3.8	.0	68.0	
4. 55	270 NB ETl*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	2500.	4.5	.0	44.0	
5. 55	270 NB ETl*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	2500.	4.5	.0	44.0	
6. 55	270 NB ETl*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	2500.	4.5	.0	44.0	
7. 55	270 SB ETl*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	950.	4.7	.0	44.0	
8. 55	270 SB ETl*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	950.	4.7	.0	44.0	
9. 55	270 SB ETl*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	950.	4.7	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	5225.	4.7	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	5225.	4.7	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	3125.	4.7	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	2100.	3.3	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	2100.	3.3	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	2100.	3.3	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	2100.	3.3	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	2100.	3.3	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	2100.	3.3	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	2100.	3.3	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	2100.	3.3	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	3075.	3.1	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	3075.	3.1	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	3075.	3.1	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	3075.	3.1	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	3075.	3.1	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	3075.	3.1	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	3075.	3.1	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	3075.	3.1	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	3075.	3.1	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	3075.	3.1	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	3075.	3.1	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	3075.	3.1	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	3075.	3.1	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	850.	3.3	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	850.	3.3	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	1925.	3.3	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	850.	3.3	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	850.	3.3	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	850.	3.3	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	250496.6	535373.7	*	9007.	99. AG	1. 100.0	.0	12.0	6.74	457.6
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	2025.	3.3	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	2025.	3.3	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	2025.	3.3	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	3700.	3.1	.0	44.0	

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:11:20.63

RUN: S5 BD1 15 PM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	3700.	3.1	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	3700.	3.1	.0	44.0	
47. Th	117WBapRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	3700.	3.1	.0	44.0	
48. 0	117WBapRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2675.	4.7	.0	44.0	
49. 0	117WBapRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2675.	4.7	.0	44.0	
50. 0	117WBapRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2675.	4.7	.0	44.0	

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
DATE: 04/23/2007 TIME: 21:11:20.63

RUN: S5 BD1 15 PM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	100	1	1.0	1025	159	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B115PM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.3	.2	.1	.3	1.1	.0	.0	.0	.0	.1	.6	.3	.2	.0	.0	.0	.0	.0
5.	*	.0	.2	.3	.2	.1	.4	.9	.0	.0	.0	.0	.4	.7	.5	.3	.0	.0	.0	.0	.0
10.	*	.0	.4	.3	.1	.1	.3	.9	.0	.0	.0	.0	.4	.7	.6	.3	.0	.0	.0	.0	.0
15.	*	.0	.4	.2	.2	.2	.4	.9	.0	.0	.0	.0	.4	.7	.6	.4	.0	.0	.0	.0	.0
20.	*	.0	.4	.2	.2	.2	.4	1.0	.0	.0	.0	.0	.4	.8	.6	.5	.0	.0	.0	.0	.0
25.	*	.0	.4	.2	.2	.2	.4	.9	.0	.0	.0	.1	.4	.7	.6	.6	.0	.0	.0	.0	.0
30.	*	.0	.4	.2	.2	.2	.4	.9	.0	.0	.0	.1	.4	.7	.7	.6	.1	.0	.0	.0	.0
35.	*	.0	.4	.3	.3	.2	.5	.9	.0	.0	.1	.2	.4	.7	.7	.6	.1	.0	.0	.0	.0
40.	*	.0	.4	.2	.4	.1	.4	.8	.0	.0	.1	.2	.4	.7	.7	.6	.1	.0	.0	.0	.0
45.	*	.1	.4	.4	.4	.3	.3	.8	.0	.1	.2	.2	.4	.7	.7	.7	.1	.0	.0	.0	.0
50.	*	.1	.4	.4	.3	.2	.4	.8	.0	.2	.2	.2	.4	.7	.7	.7	.2	.0	.0	.0	.0
55.	*	.1	.6	.4	.3	.3	.4	.8	.2	.2	.2	.2	.4	.5	.5	.5	.2	.0	.0	.0	.0
60.	*	.1	.6	.4	.3	.3	.4	.8	.2	.2	.2	.2	.4	.7	.5	.5	.4	.0	.0	.0	.0
65.	*	.3	.7	.4	.3	.3	.3	.7	.2	.2	.2	.2	.4	.7	.7	.7	.5	.0	.0	.0	.0
70.	*	.4	.6	.4	.2	.3	.4	.6	.2	.2	.2	.2	.4	.7	.7	.7	.5	.0	.0	.0	.0
75.	*	.4	.6	.3	.1	.3	.5	.5	.2	.2	.2	.2	.4	.7	.7	.7	.5	.0	.0	.0	.0
80.	*	.4	.3	.1	.2	.3	.4	.4	.2	.2	.2	.2	.4	.7	.7	.7	.6	.0	.0	.0	.0
85.	*	.3	.3	.1	.3	.3	.5	.3	.2	.2	.2	.2	.4	.7	.5	.5	.6	.0	.0	.0	.0
90.	*	.4	.3	.3	.3	.3	.4	.3	.2	.2	.2	.2	.4	.5	.5	.5	.6	.0	.0	.0	.0
95.	*	.4	.4	.4	.3	.2	.4	.2	.1	.2	.2	.2	.4	.7	.7	.7	.7	.0	.0	.0	.0
100.	*	.4	.4	.4	.3	.3	.3	.2	.0	.0	.2	.2	.4	.7	.7	.7	.7	.0	.0	.0	.0
105.	*	.3	.4	.4	.3	.2	.3	.2	.2	.1	.1	.2	.4	.7	.7	.7	.7	.0	.0	.0	.0
110.	*	.3	.4	.3	.3	.2	.2	.3	.3	.2	.2	.3	.6	.7	.7	.7	.7	.0	.0	.0	.0
115.	*	.3	.4	.3	.2	.1	.2	.3	.4	.3	.3	.3	.6	.7	.7	.7	.7	.0	.0	.0	.0
120.	*	.2	.3	.2	.1	.1	.2	.3	.4	.4	.4	.3	.6	.8	.7	.7	.7	.0	.0	.0	.0
125.	*	.1	.2	.1	.1	.1	.0	.4	.4	.3	.4	.3	.6	.8	.7	.7	.7	.0	.0	.0	.0
130.	*	.1	.1	.0	.0	.0	.0	.4	.4	.4	.4	.4	.6	.8	.7	.7	.8	.0	.0	.0	.0
135.	*	.1	.0	.0	.0	.0	.0	.4	.3	.2	.3	.4	.7	.8	.7	.7	.8	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.5	.4	.3	.1	.2	.7	.9	.8	.7	.9	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.6	.4	.2	.2	.2	.5	.8	.9	.7	.8	.0	.0	.0	.1
150.	*	.0	.0	.0	.0	.0	.0	.6	.4	.2	.2	.1	.6	.9	.6	.7	.9	.0	.0	.0	.1
155.	*	.0	.0	.0	.0	.0	.0	.4	.4	.2	.2	.1	.4	.8	.5	.5	.7	.1	.2	.0	.1
160.	*	.0	.0	.0	.0	.0	.0	.4	.5	.3	.2	.2	.3	.6	.5	.4	.5	.2	.2	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.3	.5	.2	.2	.2	.2	.4	.2	.2	.3	.4	.3	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.3	.5	.2	.2	.2	.1	.2	.2	.2	.1	.6	.6	.1	.2
175.	*	.0	.0	.0	.0	.0	.0	.2	.5	.3	.1	.1	.1	.1	.0	.0	.1	.7	.8	.3	.2
180.	*	.0	.0	.0	.0	.0	.0	.2	.5	.4	.1	.1	.1	.1	.0	.0	.0	.7	.7	.3	.2
185.	*	.0	.0	.0	.0	.0	.0	.2	.5	.4	.1	.1	.1	.1	.0	.0	.0	.6	.7	.3	.3
190.	*	.0	.0	.0	.0	.0	.0	.2	.5	.4	.2	.1	.1	.1	.0	.0	.0	.6	.6	.5	.4
195.	*	.0	.0	.0	.0	.0	.0	.1	.4	.4	.2	.1	.1	.1	.0	.0	.0	.6	.6	.5	.4
200.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.1	.1	.0	.0	.0	.5	.6	.4	.4
205.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.1	.1	.1	.1	.0	.0	.0	.5	.6	.4	.3

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3
215.	*	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.1	.2	.0	.0	.0	.0	.5	.5	.4	.3
220.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3
225.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3
230.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3
235.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.5	.5	.4	.3
240.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.4	.5	.4	.3
245.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	.2	.0	.0	.0	.0	.4	.5	.4	.3
250.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.4	.5	.4	.3
255.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.2	.5	.4	.3
260.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.5	.4	.3
265.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.5	.4	.3
270.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.4	.3
275.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3
280.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3
285.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3
290.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.1
295.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1
300.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
305.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1

S5B115PM.OUT

310.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
315.	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
325.	*	.0	.0	.1	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.1	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.1	.1	.0	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.1	.2	.2	.0	.6	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
345.	*	.0	.1	.2	.2	.0	.8	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0
350.	*	.0	.1	.3	.2	.0	.1	1.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0
355.	*	.0	.1	.4	.2	.0	.2	1.1	.0	.0	.0	.1	.4	.3	.2	.0	.0	.0	.0
360.	*	.0	.2	.3	.2	.1	.3	1.1	.0	.0	.0	.1	.6	.3	.2	.0	.0	.0	.0
MAX	*	.4	.7	.4	.4	.3	.5	1.1	.5	.4	.4	.4	.7	.9	.9	.7	.9	.7	.8
DEGR.	*	70	65	45	40	45	35	0	160	120	120	130	135	140	145	45	140	175	175
																		190	190

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.2	.0	.4	.4	.2	.1	.1	.2
5.	*	.0	.0	.1	.0	.4	.3	.3	.1	.1	.1
10.	*	.0	.0	.1	.0	.4	.3	.2	.1	.0	.1
15.	*	.0	.0	.0	.0	.4	.3	.2	.0	.0	.1
20.	*	.0	.0	.0	.0	.4	.3	.1	.0	.0	.1
25.	*	.0	.0	.0	.0	.4	.3	.2	.1	.0	.0
30.	*	.0	.0	.0	.0	.4	.3	.2	.1	.1	.0
35.	*	.0	.0	.0	.0	.4	.3	.3	.1	.1	.0
40.	*	.0	.0	.0	.0	.4	.3	.2	.1	.0	.0
45.	*	.0	.0	.0	.1	.4	.4	.2	.1	.0	.0
50.	*	.0	.0	.0	.1	.4	.4	.2	.1	.0	.0
55.	*	.0	.0	.0	.1	.4	.4	.2	.1	.0	.0
60.	*	.0	.0	.0	.1	.4	.3	.2	.1	.0	.0
65.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0
70.	*	.0	.0	.0	.2	.3	.4	.1	.0	.0	.0
75.	*	.0	.0	.0	.3	.3	.3	.1	.0	.0	.0
80.	*	.0	.0	.0	.4	.2	.3	.0	.0	.0	.0
85.	*	.0	.0	.0	.5	.1	.2	.0	.0	.0	.0
90.	*	.0	.0	.0	.6	.1	.1	.0	.0	.0	.0
95.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.7	.0	.0	.0	.0	.0	.1
115.	*	.0	.0	.3	.7	.0	.0	.0	.0	.0	.1
120.	*	.0	.0	.3	.7	.0	.0	.0	.0	.0	.1
125.	*	.0	.0	.3	.6	.0	.0	.0	.0	.0	.1
130.	*	.0	.0	.2	.6	.0	.0	.0	.0	.0	.1
135.	*	.1	.0	.2	.6	.0	.0	.0	.0	.0	.1
140.	*	.1	.0	.3	.5	.0	.0	.0	.0	.1	.2
145.	*	.2	.0	.3	.5	.0	.0	.0	.0	.2	.3
150.	*	.2	.0	.3	.5	.0	.0	.0	.1	.4	.4
155.	*	.2	.0	.3	.5	.0	.0	.0	.1	.5	.6
160.	*	.2	.0	.2	.5	.0	.0	.0	.3	.7	.8
165.	*	.1	.1	.3	.5	.0	.0	.1	.3	1.0	.9
170.	*	.1	.1	.3	.5	.0	.0	.1	.5	1.1	1.0
175.	*	.2	.1	.3	.5	.0	.0	.1	.6	1.2	1.2
180.	*	.3	.0	.3	.5	.0	.0	.3	.8	1.3	1.2
185.	*	.3	.2	.4	.6	.0	.1	.4	.8	1.3	1.2
190.	*	.2	.3	.4	.5	.0	.1	.5	.8	1.3	1.1
195.	*	.3	.2	.5	.5	.0	.1	.5	.8	1.3	1.2
200.	*	.3	.2	.7	.6	.1	.3	.5	.8	1.4	1.3
205.	*	.3	.2	.6	.6	.1	.3	.4	.9	1.3	1.2

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.4	.4	.6	.7	.1	.3	.4	.7	1.3	1.2
215.	*	.3	.4	.5	.8	.2	.2	.6	.8	1.2	1.2
220.	*	.2	.3	.6	.8	.3	.3	.6	.8	1.2	1.2
225.	*	.3	.3	.5	.8	.2	.4	.5	.8	1.2	1.2
230.	*	.4	.3	.5	.8	.2	.3	.5	.7	1.1	1.2
235.	*	.4	.2	.7	.8	.1	.3	.5	.8	1.2	1.2
240.	*	.4	.2	.7	.9	.2	.3	.5	.8	1.2	1.3
245.	*	.4	.2	.7	.9	.2	.4	.5	.8	1.1	1.3
250.	*	.4	.2	.5	1.0	.2	.4	.5	.8	1.2	1.3
255.	*	.4	.4	.5	1.0	.2	.4	.5	.8	1.1	1.2
260.	*	.2	.4	.5	1.1	.2	.3	.5	.8	1.1	1.2
265.	*	.2	.3	.5	1.0	.3	.3	.5	.8	1.1	1.2
270.	*	.2	.3	.3	.7	.4	.3	.5	.8	1.2	1.2
275.	*	.2	.2	.4	.7	.4	.4	.5	.8	1.2	1.2
280.	*	.2	.1	.4	.5	.5	.4	.5	.8	1.2	1.3
285.	*	.1	.1	.4	.4	.6	.6	.5	.8	1.1	1.4
290.	*	.1	.1	.4	.5	.5	.6	.5	.8	1.2	1.4
295.	*	.1	.1	.4	.4	.6	.7	.4	.9	1.3	1.4
300.	*	.0	.0	.4	.3	.5	.7	.6	.9	1.4	1.6
305.	*	.0	.0	.3	.2	.6	.7	.6	.8	1.4	1.5
310.	*	.0	.0	.3	.2	.6	.6	.5	.9	1.5	1.6

S5B115PM.OUT

315.	*	.0	.0	.3	.1	.5	.4	.5	1.0	1.5	1.7
320.	*	.0	.0	.2	.0	.4	.5	.6	.9	1.6	1.7
325.	*	.0	.0	.3	.0	.4	.5	.6	.7	1.6	1.6
330.	*	.0	.0	.3	.0	.4	.4	.4	.8	1.6	1.6
335.	*	.0	.0	.2	.0	.3	.4	.3	.7	1.3	1.6
340.	*	.0	.0	.2	.0	.3	.4	.3	.4	.9	1.0
345.	*	.0	.0	.2	.0	.4	.4	.2	.3	.6	.7
350.	*	.0	.0	.3	.0	.4	.4	.2	.2	.4	.3
355.	*	.0	.0	.2	.0	.4	.4	.2	.1	.2	.2
360.	*	.0	.0	.2	.0	.4	.4	.2	.1	.1	.2
MAX	*	.4	.4	.7	1.1	.6	.7	.6	1.0	1.6	1.7
DEGR.	*	210	210	235	260	285	295	215	315	320	315

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 315 DEGREES FROM REC30.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 320 DEGREES FROM REC29.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC7 .

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
 DATE: 04/23/2007 TIME: 21:11:20.63

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 70	REC2 65	REC3 45	REC4 40	REC5 45	REC6 35	REC7 0	REC8 160	REC9 120	REC10 120	REC11 130	REC12 135	REC13 140	REC14 145	REC15 45	REC16 140	REC17 175	REC18 175	REC19 190	REC20 190
1	*	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2	.3	.4	.2	.1	
2	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.1	.2	.2	.2	.0	.1	.1	.1	.1	.1	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	
5	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.2	.1	.1	.0	.0	.1	.1	.1	.1	
12	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 70	REC2 65	REC3 45	REC4 40	REC5 45	REC6 35	REC7 0	REC8 160	REC9 120	REC10 120	REC11 130	REC12 135	REC13 140	REC14 145	REC15 45	REC16 140	REC17 175	REC18 175	REC19 190	REC20 190
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.2	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS
 DATE: 04/23/2007 TIME: 21:11:20.63

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 210	REC22 210	REC23 235	REC24 260	REC25 285	REC26 295	REC27 215	REC28 315	REC29 320	REC30 315
1	*	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0
2	*	.1	.1	.1	.1	.0	.0	.3	.5	1.2	.5

S5B115PM.OUT

3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
4	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.1	.1	.1	.1	.0	.0	.1	.1	.1	.2
12	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
43	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
44	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.7	.2	.1	.0	.0	.0	.0

1

JOB: S5 BD1 15 I-270 & MD 117 RAMPS

RUN: S5 BD1 15 PM 270/117 RAMPS

PAGE 11

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC21 210	REC22 210	REC23 235	REC24 260	REC25 285	REC26 295	REC27 215	REC28 315	REC29 320	REC30 315
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B215AM.DAT

S5 BD2 15 I-270 & MD 117 RAMPS	60.0175.0.0000.000300.30480000	11	1

REC 1	SB ON RMP	250973.	536973.	5.
REC 2	SB ON RMP	251060.	536903.	5.
REC 3	SB ON RMP	251135.	536823.	5.
REC 4	SB ON RMP	251209.	536705.	5.
REC 5	SB ON RMP	251449.	536369.	5.
REC 6	SB ON RMP	251813.	536056.	5.
REC 7	SB ON RMP	252143.	535829.	5.
REC 8	117 WB SB ON	251112.	537090.	5.
REC 9	117 WB SB ON	251190.	537085.	5.
REC 10	117 WB SB ON	251278.	537081.	5.
REC 11	117 WB SB ON	251401.	537074.	5.
REC 12	I270 SB	251696.	537061.	5.
REC 13	I270 SB	251755.	537164.	5.
REC 14	I270 SB	251712.	537290.	5.
REC 15	I270 SB	251665.	537439.	5.
REC 16	I270 SB	251593.	537691.	5.
REC 17	I270 NB	251904.	537827.	5.
REC 18	I270 NB	251931.	537714.	5.
REC 19	I270 NB	252113.	537600.	5.
REC 20	I270 NB OFF	252256.	537525.	5.
REC 21	I270 NB OFF	252435.	537447.	5.
REC 22	I270 NB OFF	252620.	537364.	5.
REC 23	I270 NB OFF	252614.	536939.	5.
REC 24	117 WB	252774.	536855.	5.
REC 25	117 EB	252803.	536749.	5.
REC 26	117 EB	252606.	536739.	5.
REC 27	I270 NB	252409.	536647.	5.
REC 28	I270 NB	252327.	536513.	5.
REC 29	I270 NB	252351.	536311.	5.
REC 30	I270 NB	252419.	536138.	5.

S5 BD2 15 AM 270/117 RAMPS 50 1 1

55	1	270 NB GPdAG251815.537797.252102.536855.	2050 4.7 0. 68.	68
55	1	270 NB GPaAG252102.536855.252339.536215.	3800 4.7 0. 68.	65
55	1	270 NB GP AG252339.536215.252473.535930.	3800 4.7 0. 68.	65
55	1	270 NB ETLAG251755.537782.252042.536825.	1125 4.5 0. 44.	63
55	1	270 NB ETLAG252039.536831.252234.536316.	1125 4.5 0. 44.	63
55	1	270 NB ETLAG252234.536316.252417.535901.	1125 4.5 0. 44.	63
55	1	270 SB ETLAG252327.535871.252171.536268.	2400 4.5 0. 44.	62
55	1	270 SB ETLAG252171.536268.251995.536837.	2400 4.5 0. 44.	62
55	1	270 SB ETLAG251998.536840.251707.537767.	2400 4.5 0. 44.	62
55	1	270 SB GPdAG252264.535856.252111.536262.	9650 3.9 0. 68.	52
55	1	270 SB GPdAG252111.536262.251923.536843.	9650 3.9 0. 68.	52
55	1	270 SB GPaAG251923.536846.251653.537743.	5750 4.7 0. 68.	65
0	1	270 SB on AG252485.535272.252306.535598.	3900 4.7 0. 44.	65
0	1	270 SB on AG252306.535598.252117.535876.	3900 4.7 0. 44.	65
0	1	270 SB on AG252117.535876.251962.536082.	3900 4.7 0. 44.	65
0	1	270 SB on AG251962.536082.251752.536324.	3900 4.7 0. 44.	65
0	1	270 SB on AG251752.536324.251549.536537.	3900 4.7 0. 44.	65
0	1	270 SB on AG251549.536537.251387.536686.	3900 4.7 0. 44.	65
0	1	270 SB on AG251387.536686.251243.536809.	3900 4.7 0. 44.	65
0	1	270 SB on AG251243.536809.251055.536956.	3900 4.7 0. 44.	65
0	1	270 NB offAG252543.536841.252580.537010.	1750 3.0 0. 44.	30
0	1	270 NB offAG252580.537010.252600.537102.	1750 3.0 0. 44.	30
0	1	270 NB offAG252600.537102.252594.537191.	1750 3.0 0. 44.	30
0	1	270 NB offAG252594.537191.252559.537266.	1750 3.0 0. 44.	30
0	1	270 NB offAG252559.537266.252492.537332.	1750 3.0 0. 44.	30
0	1	270 NB offAG252492.537332.252435.537364.	1750 3.0 0. 44.	30
0	1	270 NB offAG252435.537364.252360.537384.	1750 3.0 0. 44.	30
0	1	270 NB offAG252360.537384.252287.537381.	1750 3.0 0. 44.	30
0	1	270 NB offAG252287.537381.252194.537348.	1750 3.0 0. 44.	30
0	1	270 NB offAG252194.537348.252131.537293.	1750 3.0 0. 44.	30
0	1	270 NB offAG252131.537293.252093.537231.	1750 3.0 0. 44.	30
0	1	270 NB offAG252093.537231.252073.537178.	1750 3.0 0. 44.	30
0	1	270 NB offAG252073.537178.252062.536995.	1750 3.0 0. 44.	30
0	1	117EBapramAG251565.536870.251357.536919.	400 3.0 0. 32.	30
0	1	117EBapramAG251357.536919.251213.536965.	400 3.0 0. 32.	30
0	1	117EBapAllAG251213.536965.251064.537016.	2700 3.0 0. 32.	30
0	1	117EB&270 AG252229.536813.251898.536828.	400 3.0 0. 32.	30

S5B215AM.DAT									
1									
0	1	117EB&270	AG251898.536828.251687.536848.	400	3.0	0.	32.	30	
0	1	117EB&270	AG251687.536848.251559.536869.	400	3.0	0.	32.	30	
0	2								
LT	150	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1			
		1	1.0 1550 33.4 177 1 3						
0	1	117EBdp	AG253044.536797.252769.536789.	1175	3.0	0.	44.	30	
0	1	117EBdp	AG252769.536789.252477.536796.	1175	3.0	0.	44.	30	
0	1	117EBdp	AG252477.536796.252232.536814.	1175	3.0	0.	44.	30	
0	1	117WBap	AG252062.536846.252421.536827.	2975	3.3	0.	44.	40	
0	1	117WBap	AG252421.536827.253044.536841.	2975	3.3	0.	44.	40	
0	1	117WBapR	AG251803.536859.252062.536846.	2975	3.3	0.	44.	40	
Th	1	117WBRampA	AG251574.536894.251804.536863.	2975	3.3	0.	44.	40	
0	1	117WBRampD	AG251067.537045.251248.536976.	2500	3.3	0.	44.	40	
0	1	117WBRampD	AG251248.536976.251441.536925.	2500	3.3	0.	44.	40	
0	1	117WBRampD	AG251441.536925.251575.536894.	2500	3.3	0.	44.	40	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 03/15/2007 TIME: 10:26:30.12

RUN: S5 BD2 15 AM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	2050.	4.7	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	3800.	4.7	.0	68.0	
3. 55	270 NB GP *	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	3800.	4.7	.0	68.0	
4. 55	270 NB ETL*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	1125.	4.5	.0	44.0	
5. 55	270 NB ETL*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	1125.	4.5	.0	44.0	
6. 55	270 NB ETL*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	1125.	4.5	.0	44.0	
7. 55	270 SB ETL*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	2400.	4.5	.0	44.0	
8. 55	270 SB ETL*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	2400.	4.5	.0	44.0	
9. 55	270 SB ETL*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	2400.	4.5	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	9650.	3.9	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	9650.	3.9	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	5750.	4.7	.0	68.0	
13. 0	270 SB on *	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	3900.	4.7	.0	44.0	
14. 0	270 SB on *	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	3900.	4.7	.0	44.0	
15. 0	270 SB on *	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	3900.	4.7	.0	44.0	
16. 0	270 SB on *	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	3900.	4.7	.0	44.0	
17. 0	270 SB on *	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	3900.	4.7	.0	44.0	
18. 0	270 SB on *	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	3900.	4.7	.0	44.0	
19. 0	270 SB on *	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	3900.	4.7	.0	44.0	
20. 0	270 SB on *	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	3900.	4.7	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	1750.	3.0	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	1750.	3.0	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	1750.	3.0	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	1750.	3.0	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	1750.	3.0	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	1750.	3.0	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	1750.	3.0	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	1750.	3.0	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	1750.	3.0	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	1750.	3.0	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	1750.	3.0	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	1750.	3.0	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	1750.	3.0	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	400.	3.0	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	400.	3.0	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	2700.	3.0	.0	32.0	
37. 0	117EB&270 *	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	400.	3.0	.0	32.0	
38. 0	117EB&270 *	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	400.	3.0	.0	32.0	
39. 0	117EB&270 *	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	400.	3.0	.0	32.0	
40. LT	117WBampA*	251613.0	536860.0	255571.7	534524.5	*****	99.	AG	1. 100.0	.0	12.0	9.01 719.0	
41. 0	117EBdp *	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	1175.	3.0	.0	44.0	
42. 0	117EBdp *	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	1175.	3.0	.0	44.0	
43. 0	117EBdp *	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	1175.	3.0	.0	44.0	
44. 0	117WBap *	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	2975.	3.3	.0	44.0	

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 03/15/2007 TIME: 10:26:30.12

RUN: S5 BD2 15 AM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap *	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	2975.	3.3	.0	44.0	
46. 0	117WBapR *	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	2975.	3.3	.0	44.0	
47. Th	117WBampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	2975.	3.3	.0	44.0	
48. 0	117WBampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2500.	3.3	.0	44.0	
49. 0	117WBampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2500.	3.3	.0	44.0	
50. 0	117WBampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2500.	3.3	.0	44.0	

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 03/15/2007 TIME: 10:26:30.12

RUN: S5 BD2 15 AM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBampA*	150	1	1.0	1550	177	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B215AM

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.3	.6	.2	.1	.4	1.7	.0	.0	.0	.0	.4	.8	.7	.4	.0	.0	.0	.0	.0
5.	*	.0	.6	.6	.3	.3	.4	1.6	.0	.0	.0	.0	.4	.9	.7	.6	.0	.0	.0	.0	.0
10.	*	.0	.6	.6	.3	.3	.5	1.5	.0	.0	.0	.0	.4	.9	.7	.7	.0	.0	.0	.0	.0
15.	*	.0	.6	.6	.2	.2	.5	1.3	.0	.0	.0	.1	.6	1.0	.8	.7	.0	.0	.0	.0	.0
20.	*	.0	.6	.6	.2	.2	.4	1.3	.0	.0	.0	.1	.6	1.0	.8	.7	.0	.0	.0	.0	.0
25.	*	.0	.7	.5	.5	.3	.7	1.4	.0	.0	.0	.1	.6	.9	.9	.8	.1	.0	.0	.0	.0
30.	*	.0	.7	.6	.5	.3	.7	1.3	.0	.0	.1	.1	.5	.9	.9	.8	.1	.0	.0	.0	.0
35.	*	.0	.8	.5	.3	.3	.6	1.2	.0	.1	.1	.1	.5	.9	.8	.7	.1	.0	.0	.0	.0
40.	*	.0	.8	.5	.3	.3	.6	1.2	.1	.1	.1	.2	.5	.8	.8	.7	.2	.0	.0	.0	.0
45.	*	.1	.8	.6	.3	.3	.7	1.2	.1	.1	.1	.3	.5	.8	.8	.7	.2	.0	.0	.0	.0
50.	*	.2	.8	.6	.4	.3	.6	1.2	.1	.1	.1	.3	.5	.8	.7	.7	.3	.0	.0	.0	.0
55.	*	.2	.8	.6	.4	.3	.5	1.2	.1	.1	.1	.2	.5	.8	.7	.7	.4	.0	.0	.0	.0
60.	*	.3	.8	.6	.4	.4	.6	1.2	.1	.1	.1	.2	.5	.7	.7	.7	.5	.0	.0	.0	.0
65.	*	.3	.8	.6	.4	.5	.6	1.1	.1	.1	.1	.3	.5	.7	.7	.7	.6	.0	.0	.0	.0
70.	*	.3	.8	.6	.3	.5	.5	1.1	.1	.1	.1	.3	.5	.8	.7	.7	.7	.0	.0	.0	.0
75.	*	.3	.7	.5	.4	.5	.5	1.0	.1	.1	.1	.2	.5	.8	.7	.7	.7	.0	.0	.0	.0
80.	*	.4	.7	.6	.3	.5	.6	.7	.1	.1	.1	.2	.5	.8	.7	.7	.7	.0	.0	.0	.0
85.	*	.4	.8	.7	.4	.5	.6	.7	.1	.1	.1	.1	.5	.7	.7	.7	.7	.0	.0	.0	.0
90.	*	.4	.7	.5	.4	.3	.7	.6	.1	.1	.1	.1	.5	.8	.7	.7	.7	.0	.0	.0	.0
95.	*	.6	.7	.6	.5	.4	.6	.7	.1	.1	.1	.1	.5	.8	.7	.7	.7	.0	.0	.0	.0
100.	*	.5	.7	.5	.4	.4	.4	.6	.1	.1	.1	.1	.5	.8	.7	.7	.8	.0	.0	.0	.0
105.	*	.4	.8	.6	.5	.4	.4	.7	.2	.2	.2	.2	.5	.8	.8	.7	.8	.0	.0	.0	.0
110.	*	.5	.7	.6	.5	.2	.4	.8	.2	.2	.2	.2	.5	.8	.8	.8	.8	.0	.0	.0	.0
115.	*	.6	.8	.6	.5	.2	.4	.8	.2	.3	.2	.4	.5	.9	.9	.9	.9	.0	.0	.0	.0
120.	*	.5	.7	.6	.4	.2	.3	.9	.3	.3	.2	.4	.7	.9	.9	.9	.9	.0	.0	.0	.0
125.	*	.7	.7	.6	.3	.2	.3	1.0	.3	.2	.3	.4	.7	.9	.9	.9	.9	.0	.0	.0	.0
130.	*	.5	.6	.4	.3	.0	.2	1.2	.4	.3	.2	.4	.7	1.0	.9	.9	1.0	.0	.0	.0	.0
135.	*	.3	.3	.3	.0	.0	.2	1.3	.4	.3	.3	.5	.8	1.0	.9	.9	1.1	.0	.0	.0	.0
140.	*	.1	.2	.0	.0	.0	.2	1.3	.5	.2	.3	.3	.7	1.0	.9	.9	1.1	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	1.3	.6	.3	.2	.3	.9	1.2	.9	.9	1.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	1.3	.5	.4	.3	.2	.5	1.3	.9	.9	1.1	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	1.2	.5	.4	.2	.2	.5	1.1	.9	1.0	.9	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	1.1	.6	.2	.3	.2	.4	.9	.6	.7	.7	.1	.2	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.9	.5	.3	.3	.2	.3	.5	.5	.4	.4	.3	.3	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.7	.5	.4	.2	.2	.1	.3	.2	.2	.3	.5	.5	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.5	.5	.4	.2	.2	.1	.1	.2	.2	.1	.5	.5	.3	.1
180.	*	.0	.0	.0	.0	.0	.0	.5	.5	.3	.2	.3	.2	.1	.0	.0	.0	.7	.6	.4	.3
185.	*	.0	.0	.0	.0	.0	.0	.4	.5	.4	.3	.2	.2	.1	.0	.0	.0	.7	.7	.2	.3
190.	*	.0	.0	.0	.0	.0	.0	.4	.5	.4	.3	.2	.2	.1	.0	.0	.0	.6	.7	.3	.2
195.	*	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.0	.0	.0	.6	.6	.4	.1
200.	*	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.2	.2	.1	.0	.0	.0	.6	.6	.4	.2
205.	*	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.2	.2	.1	.0	.0	.0	.6	.6	.4	.3

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.3	.2	.0	.0	.0	.0	.6	.6	.4	.3
215.	*	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.2	.2	.0	.0	.0	.0	.6	.6	.4	.3
220.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.0	.0	.0	.0	.0	.6	.6	.4	.3
225.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.2	.0	.0	.0	.0	.6	.6	.4	.3
230.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.2	.0	.0	.0	.0	.6	.6	.4	.3
235.	*	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.2	.2	.0	.0	.0	.0	.4	.6	.4	.3
240.	*	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.1	.0	.0	.0	.0	.0	.4	.6	.4	.3
245.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.3	.2	.1	.0	.0	.0	.0	.3	.6	.4	.3
250.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2	.2	.1	.0	.0	.0	.0	.3	.6	.4	.3
255.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1	.1	.1	.0	.0	.0	.0	.2	.6	.4	.3
260.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.6	.4	.3
265.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3
270.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3	.3
275.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3
280.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2
285.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2
290.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
295.	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
300.	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
305.	*	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

SSB215AM																								
310.	*	.0	.0	.1	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
315.	*	.0	.0	.1	.1	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
320.	*	.0	.0	.2	.1	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.1	.2	.1	.1	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.3	.2	.2	.1	1.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.3	.2	.2	.2	1.4	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.2	.4	.3	.1	.2	1.5	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.2	.5	.3	.2	.2	1.5	.0	.0	.0	.0	.1	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.3	.6	.3	.2	.4	1.6	.0	.0	.0	.0	.1	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.3	.6	.3	.1	.4	1.7	.0	.0	.0	.0	.2	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.3	.6	.2	.1	.4	1.7	.0	.0	.0	.0	.4	.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0
MAX		.7	.8	.7	.5	.5	.7	1.7	.6	.4	.3	.5	.9	1.3	1.0	1.0	1.1	.7	.7	.4	.3			
DEGR.	*	125	35	85	25	65	90	355	145	150	125	135	145	150	150	155	135	180	185	180	180			

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

											WIND * CONCENTRATION
											ANGLE * (PPM)
											(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30
0.	*	.0	.0	.1	.0	.3	.2	.1	.1	.0	
5.	*	.0	.0	.0	.0	.3	.2	.0	.1	.0	
10.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	
15.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	
20.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	
25.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	
30.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0	
35.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	
40.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	
45.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	
50.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	
55.	*	.0	.0	.0	.1	.3	.3	.1	.1	.0	
60.	*	.0	.0	.0	.1	.2	.3	.1	.1	.0	
65.	*	.0	.0	.0	.1	.2	.3	.1	.0	.0	
70.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	
75.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	
80.	*	.0	.0	.0	.3	.1	.1	.0	.0	.0	
85.	*	.0	.0	.0	.4	.1	.1	.0	.0	.0	
90.	*	.0	.0	.0	.5	.0	.0	.0	.0	.0	
95.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	
100.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	
105.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	
110.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	
115.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	
120.	*	.0	.0	.1	.6	.0	.0	.0	.0	.0	
125.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	
130.	*	.0	.0	.1	.5	.0	.0	.0	.0	.1	
135.	*	.0	.0	.1	.5	.0	.0	.0	.0	.1	
140.	*	.0	.0	.1	.5	.0	.0	.0	.0	.1	
145.	*	.0	.0	.1	.5	.0	.0	.0	.1	.2	
150.	*	.0	.0	.1	.4	.0	.0	.0	.2	.3	
155.	*	.1	.0	.1	.4	.0	.0	.1	.3	.4	
160.	*	.1	.0	.1	.4	.0	.0	.1	.4	.5	
165.	*	.1	.0	.1	.4	.0	.0	.2	.6	.6	
170.	*	.1	.0	.1	.4	.0	.0	.1	.2	.6	
175.	*	.0	.0	.1	.3	.0	.0	.1	.4	.7	
180.	*	.0	.0	.1	.3	.0	.0	.1	.5	.9	
185.	*	.3	.0	.1	.3	.0	.0	.3	.8	1.1	
190.	*	.4	.0	.1	.3	.0	.1	.3	.7	1.1	
195.	*	.4	.1	.2	.3	.0	.2	.4	.7	1.0	
200.	*	.3	.2	.2	.4	.0	.2	.5	.7	1.2	1.0
205.	*	.3	.3	.3	.5	.0	.2	.4	.8	1.2	1.0

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

											WIND * CONCENTRATION
											ANGLE * (PPM)
											(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30
210.	*	.2	.2	.4	.5	.1	.2	.5	.8	1.1	1.0
215.	*	.2	.2	.5	.6	.1	.2	.4	.7	1.1	1.0
220.	*	.3	.2	.5	.7	.1	.3	.5	.6	1.1	1.1
225.	*	.3	.2	.4	.8	.2	.3	.6	.8	1.1	1.1
230.	*	.1	.2	.4	.8	.2	.3	.6	.9	1.0	1.1
235.	*	.2	.3	.4	.8	.3	.2	.5	.9	1.1	1.1
240.	*	.2	.2	.5	.8	.2	.2	.5	.9	1.0	1.1
245.	*	.1	.2	.5	.8	.2	.3	.5	.9	1.1	1.1
250.	*	.1	.1	.4	.9	.2	.3	.5	.8	1.1	1.1
255.	*	.1	.1	.4	.9	.2	.3	.5	.8	1.1	1.1
260.	*	.1	.1	.3	.9	.2	.3	.5	.9	1.1	1.1
265.	*	.1	.1	.4	.8	.2	.2	.5	.9	1.0	1.1
270.	*	.1	.1	.2	.7	.3	.2	.5	.8	1.0	1.1
275.	*	.1	.1	.2	.6	.5	.3	.5	.8	1.0	1.1
280.	*	.1	.1	.2	.4	.5	.4	.5	.8	1.0	1.2
285.	*	.1	.1	.2	.3	.3	.2	.5	.8	1.0	1.1
290.	*	.1	.1	.2	.2	.4	.3	.4	.8	1.0	1.1
295.	*	.0	.0	.3	.2	.4	.4	.3	.8	1.0	1.2
300.	*	.0	.0	.3	.2	.4	.5	.4	.8	1.1	1.3
305.	*	.0	.0	.2	.2	.4	.4	.5	.8	1.1	1.3
310.	*	.0	.0	.2	.0	.4	.4	.6	.7	1.1	1.2

S5B215AM

315.	*	.0	.0	.1	.0	.3	.4	.5	.8	1.3	1.2
320.	*	.0	.0	.1	.0	.3	.3	.4	.7	1.2	1.4
325.	*	.0	.0	.1	.0	.3	.2	.4	.6	1.3	1.3
330.	*	.0	.0	.1	.0	.3	.2	.3	.6	1.1	1.0
335.	*	.0	.0	.2	.0	.3	.3	.2	.5	.9	.8
340.	*	.0	.0	.2	.0	.3	.3	.1	.4	.6	.6
345.	*	.0	.0	.1	.0	.3	.3	.1	.2	.4	.3
350.	*	.0	.0	.1	.0	.3	.3	.1	.1	.2	.2
355.	*	.0	.0	.1	.0	.3	.3	.1	.1	.1	.2
360.	*	.0	.0	.1	.0	.3	.2	.1	.1	.1	.0
MAX	*	.4	.3	.5	.9	.5	.5	.6	.9	1.3	1.4
DEGR.	*	190	205	215	250	275	300	225	230	315	320

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 355 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 320 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 150 DEGREES FROM REC13.

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
 DATE: 03/15/2007 TIME: 10:26:30.12

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 125	REC2 35	REC3 85	REC4 25	REC5 65	REC6 90	REC7 355	REC8 145	REC9 150	REC10 125	REC11 135	REC12 145	REC13 150	REC14 150	REC15 155	REC16 135	REC17 180	REC18 185	REC19 180	REC20 180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	
2	*	.0	.0	.0	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	
3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0	.0	
10	*	.1	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	
11	*	.1	.0	.1	.0	.2	.0	.3	.0	.0	.2	.2	.4	.3	.2	.2	.0	.1	.1	.1	
12	*	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.5	.5	.5	.7	.2	.2	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.1	.0	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.3	.5	.4	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 125	REC2 35	REC3 85	REC4 25	REC5 65	REC6 90	REC7 355	REC8 145	REC9 150	REC10 125	REC11 135	REC12 145	REC13 150	REC14 150	REC15 155	REC16 135	REC17 180	REC18 185	REC19 180	REC20 180
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
 DATE: 03/15/2007 TIME: 10:26:30.12

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 190	REC22 205	REC23 215	REC24 250	REC25 275	REC26 300	REC27 225	REC28 230	REC29 315	REC30 320
1	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2	*	.1	.1	.1	.1	.1	.0	.2	.3	.7	.4

										S5B215AM	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
11	*	.1	.1	.1	.1	.1	.0	.2	.2	.3	.3
12	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.6	.1	.1	.0	.0	.0	.0

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 11

	*	CO/LINK (PPM)								
	*	ANGLE (DEGREES)								
	*	REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30								
LINK #	*	190 205 215 250 275 300 225 230 315 320								
46	*	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0								
47	*	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0								
48	*	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0								
49	*	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0								
50	*	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0								

S5B215PM.DAT

S5	BD2	15	I-270 & MD	117	RAMPS	60.0175.0.0000.000300.30480000	11	1
REC 1	SB	ON	RMP	250973.	536973.	5.		
REC 2	SB	ON	RMP	251060.	536903.	5.		
REC 3	SB	ON	RMP	251135.	536823.	5.		
REC 4	SB	ON	RMP	251209.	536705.	5.		
REC 5	SB	ON	RMP	251449.	536369.	5.		
REC 6	SB	ON	RMP	251813.	536056.	5.		
REC 7	SB	ON	RMP	252143.	535829.	5.		
REC 8	117	WB	SB ON	251112.	537090.	5.		
REC 9	117	WB	SB ON	251190.	537085.	5.		
REC 10	117	WB	SB ON	251278.	537081.	5.		
REC 11	117	WB	SB ON	251401.	537074.	5.		
REC 12	I270	SB		251696.	537061.	5.		
REC 13	I270	SB		251755.	537164.	5.		
REC 14	I270	SB		251712.	537290.	5.		
REC 15	I270	SB		251665.	537439.	5.		
REC 16	I270	SB		251593.	537691.	5.		
REC 17	I270	NB		251904.	537827.	5.		
REC 18	I270	NB		251931.	537714.	5.		
REC 19	I270	NB		252113.	537600.	5.		
REC 20	I270	NB	OFF	252256.	537525.	5.		
REC 21	I270	NB	OFF	252435.	537447.	5.		
REC 22	I270	NB	OFF	252620.	537364.	5.		
REC 23	I270	NB	OFF	252614.	536939.	5.		
REC 24	117	WB		252774.	536855.	5.		
REC 25	117	EB		252803.	536749.	5.		
REC 26	117	EB		252606.	536739.	5.		
REC 27	I270	NB		252409.	536647.	5.		
REC 28	I270	NB		252327.	536513.	5.		
REC 29	I270	NB		252351.	536311.	5.		
REC 30	I270	NB		252419.	536138.	5.		
S5	BD2	15	AM 270/117	RAMPS		50	1	1
55	1	270	NB	GPdAG251815.537797.252102.536855.	4900	3.0	0.68.	30
55	1	270	NB	GPaAG252102.536855.252339.536215.	7975	3.8	0.68.	13
55	1	270	NB	GP AG252339.536215.252473.535930.	7975	3.8	0.68.	13
55	1	270	NB	ETLAG251755.537782.252042.536825.	2425	4.5	0.44.	61
55	1	270	NB	ETLAG252039.536831.252234.536316.	2425	4.5	0.44.	61
55	1	270	NB	ETLAG252234.536316.252417.535901.	2425	4.5	0.44.	61
55	1	270	SB	ETLAG252327.535871.252171.536268.	975	4.7	0.44.	64
55	1	270	SB	ETLAG252171.536268.251995.536837.	975	4.7	0.44.	64
55	1	270	SB	ETLAG251998.536840.251707.537767.	975	4.7	0.44.	64
55	1	270	SB	GPdAG252264.535856.252111.536262.	5175	4.7	0.68.	66
55	1	270	SB	GPdAG252111.536262.251923.536843.	5175	4.7	0.68.	66
55	1	270	SB	GPaAG251923.536846.251653.537743.	3075	4.7	0.68.	68
0	1	270	SB	on AG252485.535272.252306.535598.	2100	4.7	0.44.	68
0	1	270	SB	on AG252306.535598.252117.535876.	2100	4.7	0.44.	68
0	1	270	SB	on AG252117.535876.251962.536082.	2100	4.7	0.44.	68
0	1	270	SB	on AG251962.536082.251752.536324.	2100	4.7	0.44.	68
0	1	270	SB	on AG251752.536324.251549.536537.	2100	4.7	0.44.	68
0	1	270	SB	on AG251549.536537.251387.536686.	2100	4.7	0.44.	68
0	1	270	SB	on AG251387.536686.251243.536809.	2100	4.7	0.44.	68
0	1	270	SB	on AG251243.536809.251055.536956.	2100	4.7	0.44.	68
0	1	270	NB	offAG252543.536841.252580.537010.	3075	3.0	0.44.	30
0	1	270	NB	offAG252580.537010.252600.537102.	3075	3.0	0.44.	30
0	1	270	NB	offAG252600.537102.252594.537191.	3075	3.0	0.44.	30
0	1	270	NB	offAG252594.537191.252559.537266.	3075	3.0	0.44.	30
0	1	270	NB	offAG252559.537266.252492.537332.	3075	3.0	0.44.	30
0	1	270	NB	offAG252492.537332.252435.537364.	3075	3.0	0.44.	30
0	1	270	NB	offAG252435.537364.252360.537384.	3075	3.0	0.44.	30
0	1	270	NB	offAG252360.537384.252287.537381.	3075	3.0	0.44.	30
0	1	270	NB	offAG252287.537381.252194.537348.	3075	3.0	0.44.	30
0	1	270	NB	offAG252194.537348.252131.537293.	3075	3.0	0.44.	30
0	1	270	NB	offAG252131.537293.252093.537231.	3075	3.0	0.44.	30
0	1	270	NB	offAG252093.537231.252073.537178.	3075	3.0	0.44.	30
0	1	270	NB	offAG252073.537178.252062.536995.	3075	3.0	0.44.	30
0	1	117EB	apramAG251565.536870.251357.536919.	450	3.0	0.32.	30	
0	1	117EB	apramAG251357.536919.251213.536965.	450	3.0	0.32.	30	
0	1	117EB	apAllAG251213.536965.251064.537016.	2750	3.0	0.32.	30	
0	1	117EB&270	AG252229.536813.251898.536828.	450	3.0	0.32.	30	

		S5B215PM.DAT									
0	1	117EB&270	AG251898.536828.251687.536848.	450	3.0	0.	32.	30			
0	1	117EB&270	AG251687.536848.251559.536869.	450	3.0	0.	32.	30			
LT	2	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1					
	150	1	1.0 1550 33.4 177 1 3								
0	1	117EBdp	AG253044.536797.252769.536789.	2125	3.0	0.	44.	30			
0	1	117EBdp	AG252769.536789.252477.536796.	2125	3.0	0.	44.	30			
0	1	117EBdp	AG252477.536796.252232.536814.	2125	3.0	0.	44.	30			
0	1	117WBap	AG252062.536846.252421.536827.	1925	3.3	0.	44.	40			
0	1	117WBap	AG252421.536827.253044.536841.	1925	3.3	0.	44.	40			
0	1	117WBapR	AG251803.536859.252062.536846.	1925	3.3	0.	44.	40			
Th	1	117WBRampA	AG251574.536894.251804.536863.	1925	3.3	0.	44.	40			
	1	117WBRampD	AG251067.537045.251248.536976.	2825	3.3	0.	44.	40			
0	1	117WBRampD	AG251248.536976.251441.536925.	2825	3.3	0.	44.	40			
0	1	117WBRampD	AG251441.536925.251575.536894.	2825	3.3	0.	44.	40			
1.0	0.4	1000.	0.0Y 5 0 72								

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 04/24/2007 TIME: 13:37:24.01

RUN: S5 BD2 15 AM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	4900.	3.0	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	7975.	3.8	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	7975.	3.8	.0	68.0	
4. 55	270 NB ETl*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	2425.	4.5	.0	44.0	
5. 55	270 NB ETl*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	2425.	4.5	.0	44.0	
6. 55	270 NB ETl*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	2425.	4.5	.0	44.0	
7. 55	270 SB ETl*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	975.	4.7	.0	44.0	
8. 55	270 SB ETl*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	975.	4.7	.0	44.0	
9. 55	270 SB ETl*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	975.	4.7	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	5175.	4.7	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	5175.	4.7	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	3075.	4.7	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	2100.	4.7	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	2100.	4.7	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	2100.	4.7	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	2100.	4.7	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	2100.	4.7	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	2100.	4.7	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	2100.	4.7	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	2100.	4.7	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	3075.	3.0	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	3075.	3.0	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	3075.	3.0	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	3075.	3.0	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	3075.	3.0	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	3075.	3.0	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	3075.	3.0	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	3075.	3.0	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	3075.	3.0	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	3075.	3.0	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	3075.	3.0	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	3075.	3.0	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	3075.	3.0	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	450.	3.0	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	450.	3.0	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	2750.	3.0	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	450.	3.0	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	450.	3.0	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	450.	3.0	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	255571.7	534524.5	*****	99.	AG	1.	100.0	.0	12.0	9.01 719.0
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	2125.	3.0	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	2125.	3.0	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	2125.	3.0	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	1925.	3.3	.0	44.0	

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 04/24/2007 TIME: 13:37:24.01

RUN: S5 BD2 15 AM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	1925.	3.3	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	1925.	3.3	.0	44.0	
47. Th	117WBRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	1925.	3.3	.0	44.0	
48. 0	117WBRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2825.	3.3	.0	44.0	
49. 0	117WBRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2825.	3.3	.0	44.0	
50. 0	117WBRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2825.	3.3	.0	44.0	

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
DATE: 04/24/2007 TIME: 13:37:24.01

RUN: S5 BD2 15 PM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	150	1	1.0	1550	177	33.40	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B215PM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.4	.1	.1	.2	1.1	.0	.0	.0	.0	.1	.6	.3	.2	.0	.0	.0	.0	.0
5.	.0	.4	.4	.1	.1	.4	1.0	.0	.0	.0	.0	.3	.7	.4	.3	.0	.0	.0	.0	.0
10.	.0	.4	.4	.1	.1	.3	1.0	.0	.0	.0	.0	.4	.7	.6	.3	.0	.0	.0	.0	.0
15.	.0	.4	.4	.2	.2	.4	1.0	.0	.0	.0	.0	.4	.7	.6	.4	.0	.0	.0	.0	.0
20.	.0	.4	.4	.3	.2	.4	1.1	.0	.0	.0	.0	.4	.7	.6	.6	.0	.0	.0	.0	.0
25.	.0	.4	.3	.2	.3	.4	1.0	.0	.0	.0	.1	.4	.6	.6	.6	.0	.0	.0	.0	.0
30.	.0	.5	.3	.2	.2	.4	.9	.0	.0	.0	.1	.4	.6	.6	.6	.1	.0	.0	.0	.0
35.	.0	.5	.2	.3	.3	.4	1.0	.0	.0	.1	.1	.4	.6	.6	.6	.1	.0	.0	.0	.0
40.	.0	.5	.3	.2	.1	.3	.9	.0	.0	.1	.2	.4	.6	.6	.6	.1	.0	.0	.0	.0
45.	.0	.5	.4	.2	.2	.3	.9	.0	.1	.1	.2	.4	.6	.6	.6	.1	.0	.0	.0	.0
50.	.1	.5	.4	.2	.2	.4	.9	.0	.1	.2	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0
55.	.1	.6	.4	.2	.3	.4	.9	.1	.1	.2	.2	.4	.6	.5	.5	.2	.0	.0	.0	.0
60.	.2	.6	.4	.2	.3	.4	.9	.1	.2	.2	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0
65.	.2	.6	.4	.2	.3	.3	.9	.1	.2	.2	.2	.4	.6	.6	.6	.4	.0	.0	.0	.0
70.	.2	.7	.4	.1	.3	.4	.6	.1	.2	.2	.2	.4	.6	.6	.6	.5	.0	.0	.0	.0
75.	.2	.5	.2	.1	.3	.5	.6	.1	.2	.2	.2	.4	.6	.6	.6	.5	.0	.0	.0	.0
80.	.2	.4	.2	.2	.3	.5	.5	.1	.2	.2	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
85.	.2	.4	.2	.3	.3	.4	.4	.1	.2	.2	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
90.	.4	.4	.5	.3	.3	.4	.4	.1	.1	.2	.2	.4	.6	.5	.5	.6	.0	.0	.0	.0
95.	.4	.4	.4	.4	.3	.4	.3	.1	.1	.1	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
100.	.3	.5	.4	.4	.3	.3	.3	.0	.0	.1	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
105.	.4	.5	.4	.3	.3	.3	.4	.1	.1	.1	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
110.	.4	.6	.4	.3	.3	.2	.4	.3	.2	.2	.3	.5	.6	.6	.6	.6	.0	.0	.0	.0
115.	.4	.5	.4	.2	.2	.2	.5	.3	.3	.2	.2	.5	.6	.6	.6	.6	.0	.0	.0	.0
120.	.3	.4	.3	.2	.1	.2	.5	.4	.3	.2	.2	.4	.7	.6	.6	.6	.0	.0	.0	.0
125.	.2	.2	.2	.1	.1	.2	.5	.4	.3	.3	.2	.4	.7	.6	.6	.6	.0	.0	.0	.0
130.	.1	.2	.1	.0	.0	.1	.6	.3	.3	.4	.2	.5	.7	.6	.6	.6	.0	.0	.0	.0
135.	.1	.1	.0	.0	.0	.0	.7	.3	.1	.2	.3	.6	.7	.7	.7	.7	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.8	.3	.1	.1	.2	.6	.8	.9	.7	.8	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.8	.3	.2	.1	.2	.4	.7	.7	.8	.8	.0	.0	.0	.1
150.	.0	.0	.0	.0	.0	.0	.7	.4	.2	.1	.1	.4	.8	.6	.6	.9	.0	.0	.0	.1
155.	.0	.0	.0	.0	.0	.0	.7	.4	.2	.1	.1	.3	.6	.5	.5	.7	.1	.2	.0	.1
160.	.0	.0	.0	.0	.0	.0	.5	.4	.2	.1	.1	.2	.5	.4	.4	.4	.2	.2	.0	.1
165.	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.2	.2	.3	.2	.2	.3	.3	.3	.1	.1
170.	.0	.0	.0	.0	.0	.0	.4	.4	.3	.2	.1	.1	.2	.2	.2	.1	.5	.5	.1	.2
175.	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.1	.1	.1	.0	.0	.1	.7	.7	.3	.2
180.	.0	.0	.0	.0	.0	.0	.2	.4	.4	.2	.1	.1	.0	.0	.0	.0	.6	.6	.3	.2
185.	.0	.0	.0	.0	.0	.0	.2	.4	.4	.1	.1	.1	.0	.0	.0	.0	.5	.6	.3	.3
190.	.0	.0	.0	.0	.0	.0	.2	.4	.4	.1	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3
195.	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.2	.1	.0	.0	.0	.0	.5	.5	.4	.4
200.	.0	.0	.0	.0	.0	.0	.2	.4	.4	.2	.1	.1	.0	.0	.0	.0	.5	.5	.3	.4
205.	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.1	.0	.0	.0	.0	.0	.5	.5	.3	.3

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.1	.0	.0	.0	.0	.0	.5	.5	.3	.3
215.	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.5	.5	.3	.3
220.	.0	.0	.0	.0	.0	.0	.2	.1	.4	.3	.1	.1	.0	.0	.0	.0	.4	.5	.3	.3
225.	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.4	.5	.3	.3
230.	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.4	.5	.3	.3
235.	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.4	.5	.3	.3
240.	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.3	.1	.0	.0	.0	.0	.4	.5	.3	.3
245.	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.1	.0	.0	.0	.0	.0	.4	.5	.3	.3
250.	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.1	.0	.0	.0	.0	.0	.3	.5	.3	.3
255.	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.5	.3	.3
260.	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.5	.3	.3
265.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.3	.3
270.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
275.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
280.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3
285.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3
290.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1
295.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1
300.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
305.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0

1

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 6

.....

WIND ANGLE RANGE: 0.-360.

1

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

Page 3

S5B215PM.OUT

315.	*	.0	.0	.3	.0	.3	.3	.5	1.0	1.5	1.7
320.	*	.0	.0	.2	.0	.3	.3	.5	.9	1.6	1.7
325.	*	.0	.0	.3	.0	.3	.3	.5	.7	1.5	1.6
330.	*	.0	.0	.3	.0	.2	.3	.4	.6	1.6	1.6
335.	*	.0	.0	.2	.0	.2	.3	.3	.5	1.4	1.6
340.	*	.0	.0	.2	.0	.2	.3	.2	.3	.9	1.0
345.	*	.0	.0	.2	.0	.2	.3	.2	.2	.6	.7
350.	*	.0	.0	.3	.0	.3	.3	.1	.0	.4	.3
355.	*	.0	.0	.2	.0	.3	.3	.1	.0	.2	.2
360.	*	.0	.0	.2	.0	.3	.3	.1	.0	.1	.2

MAX	*	.4	.4	.6	.7	.5	.6	.6	1.0	1.6	1.7
DEGR.	*	235	210	200	250	295	290	215	205	320	310

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 310 DEGREES FROM REC30.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 320 DEGREES FROM REC29.
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 355 DEGREES FROM REC7 .

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
 DATE: 04/24/2007 TIME: 13:37:24.01

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 90	REC2 70	REC3 90	REC4 95	REC5 25	REC6 75	REC7 355	REC8 120	REC9 180	REC10 130	REC11 110	REC12 135	REC13 140	REC14 140	REC15 145	REC16 150	REC17 175	REC18 175	REC19 190	REC20 195
1	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.3	.3	.1	.1	
2	*	.0	.0	.1	.1	.0	.1	.1	.1	.0	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	
3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	
5	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.1	.1	.0	.0	.2	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	
12	*	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.1	.1	.1	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.1	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 90	REC2 70	REC3 90	REC4 95	REC5 25	REC6 75	REC7 355	REC8 120	REC9 180	REC10 130	REC11 110	REC12 135	REC13 140	REC14 140	REC15 145	REC16 150	REC17 175	REC18 175	REC19 190	REC20 195
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.1	.1	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS
 DATE: 04/24/2007 TIME: 13:37:24.01

RUN: S5 BD2 15 AM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 235	REC22 210	REC23 200	REC24 250	REC25 295	REC26 290	REC27 215	REC28 205	REC29 320	REC30 310
1	*	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0
2	*	.0	.1	.1	.1	.0	.1	.3	.6	1.2	.4

S5B215PM.OUT

3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.9
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.1	.2	.0	.0
11	*	.0	.1	.0	.1	.0	.0	.1	.0	.1	.2
12	*	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.4	.1	.0	.0	.0	.0	.0

1

JOB: S5 BD2 15 I-270 & MD 117 RAMPS

RUN: S5 BD2 15 PM 270/117 RAMPS

PAGE 11

LINK #	CO/LINK (PPM)									
	ANGLE (DEGREES)									
	REC21 235	REC22 210	REC23 200	REC24 250	REC25 295	REC26 290	REC27 215	REC28 205	REC29 320	REC30 310
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S5NB30AM.DAT		
S5 NB30 I-270 & MD 117 RAMPS										60.0175.0.0000.000300.30480000	11	1
R1	SB	ON	RAMP	251130.	536947.	5.						
R2	SB	ON	RAMP	251281.	536865.	5.						
R3	SB	ON	RAMP	251422.	536603.	5.						
R4	SB	ON	RAMP	251455.	536383.	5.						
R5	SB	ON	RAMP	251660.	536199.	5.						
R6	SB	ON	RAMP	251907.	536057.	5.						
R7	SB	ON	RAMP	252159.	535917.	5.						
R8	117	WB	SB ON RAMP	251265.	537087.	5.						
R9	117	WB	SB ON RAMP	251351.	537080.	5.						
R10	117	WB	SB ON RAM	251450.	537075.	5.						
R11	117	WB	SB ON RAM	251573.	537070.	5.						
R12	I270	SB	ROW	251697.	537073.	5.						
R13	I270	SB	ROW	251723.	537255.	5.						
R14	I270	SB	ROW	251671.	537409.	5.						
R15	I270	SB	ROW	251608.	537596.	5.						
R16	I270	SB	ROW	251607.	537743.	5.						
R17	I270	NB	ROW	251910.	537826.	5.						
R18	I270	NB	ROW	251931.	537710.	5.						
R19	I270	NB	ROW	252159.	537580.	5.						
R20	I270	NB	OFF RAM	252379.	537478.	5.						
R21	I270	NB	OFF RAM	252620.	537368.	5.						
R22	I270	NB	OFF RAM	252666.	537055.	5.						
R23	I270	NB	OFF RAM	252617.	536930.	5.						
R24	117	WB	ROW	252735.	536857.	5.						
R25	117	EB	ROW	252767.	536750.	5.						
R26	117	EB	ROW	252602.	536740.	5.						
R27	I270	NB	ROW	252415.	536643.	5.						
R28	I270	NB	ROW	252333.	536511.	5.						
R29	I270	NB	ROW	252353.	536310.	5.						
R30	I270	NB	ROW	252467.	536032.	5.						
S5 NB30	270	AND	117 RAMPS AM				48	1	1			
1												
1	NB	270	ap	AG252397.535937.252037.536904.	5300.	4.2	0.	68.	68.0			
2												
2	NB	270	dp	AG252037.536904.251761.537823.	3300.	4.2	0.	68.	66.0			
3												
3	NB	SRVCRD	AG252429.535955.252356.536175.	1325.	3.6	0.	44.	55.0				
3												
3	NB	SRVCRD	AG252356.536175.252074.536935.	1325.	3.6	0.	44.	55.0				
5												
5	SB	117nrmp	AG252074.536935.252069.537046.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252069.537046.252061.537130.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252061.537130.252079.537216.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252079.537216.252129.537289.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252129.537289.252186.537340.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252186.537340.252254.537375.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252254.537375.252335.537389.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252335.537389.252446.537370.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252446.537370.252523.537321.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252523.537321.252583.537246.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252583.537246.252615.537157.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252615.537157.252615.537072.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252615.537072.252593.536994.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252593.536994.252552.536929.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252552.536929.252482.536873.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252482.536873.252406.536841.	2000.	2.7	0.	32.	30				
5												
5	SB	117nrmp	AG252406.536841.252262.536821.	2000.	2.7	0.	32.	30				
22												
22	NB	SRVC	dpAG252074.536935.251805.537836.	325.	3.6	0.	44.	55				
23												
23	SB	270ap	AG251680.537802.251797.537434.	7925.	3.8	0.	68.	58				
24												
24	SB	270ap	AG251797.537434.252007.536758.	7925.	3.8	0.	68.	58				
25												
25	SB	270dp	AG252007.536758.252210.536191.	12200.	2.7	0.	68.	36				
26												
26	SB	270dp	AG252210.536191.252323.535914.	12200.	2.7	0.	68.	36				
27												
27	WB	117ap	AG253019.536796.252262.536821.	3050.	2.7	0.	44.	30				
28												
28	WB	117ap	AG252262.536821.251756.536870.	2400.	2.7	0.	44.	30				
29												
29	WB	117ap	AG251756.536870.251535.536901.	2400.	2.7	0.	44.	30				
32												
32	EB	117	AG251458.536900.251867.536837.	1225.	2.9	0.	44.	40				
32												
32	EB	117	AG251867.536837.252245.536812.	1225.	2.9	0.	44.	40				
32												
32	EB	117	AG252245.536812.252638.536796.	1225.	2.9	0.	44.	40				
32												
32	EB	117	AG252638.536796.253020.536773.	1225.	2.9	0.	44.	40				
37												
37	SB	270	ONRAG251043.537030.251113.536984.	4275.	3.9	0.	32.	60				
37												
37	SB	270	ONRAG251113.536984.251241.536933.	4275.	3.9	0.	32.	60				
37												
37	SB	270	ONRAG251241.536933.251354.536894.	4275.	3.9	0.	32.	60				
37												
37	SB	270	ONRAG251354.536894.251478.536831.	4275.	3.9	0.	32.	60				

S5NB30AM.DAT

1									
37	SB	270	ONRAG251478.536831.251572.536738.	4275.	3.9	0.	32.	60	
1									
37	SB	270	ONRAG251572.536738.251746.536536.	4275.	3.9	0.	32.	60	
1									
37	SB	270	ONRAG251746.536536.252188.536012.	4275.	3.9	0.	32.	60	
1									
37	SB	270	ONRAG252188.536012.252242.535939.	4275.	3.9	0.	32.	60	
1									
37	SB	270	ONRAG252242.535939.252271.535898.	4275.	3.9	0.	32.	60	
1									
46	117	EB	dp AG251459.536900.251231.536963.	1225.	3.9	0.	44.	60	
1									
47	117	EB	ap AG251231.536963.251040.537049.	2850.	2.9	0.	44.	40	
2									
47	117	EB	ap AG251213.536971.251051.537044.	0.24.0	2				
150		115	2.0 2850 29.1 1750 1 3						
1									
47	117	WB	ap AG251537.536900.251239.536973.	2400.	2.7	0.	44.	30	
2									
47	117	WB	ap AG251257.536969.251452.536921.	0.24.0	2				
150		77	2.0 2 29.1 1750 1 3						
1									
47	117	WB	ENDAG251241.536975.251045.537066.	2400.	2.7	0.	44.	30	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:48:27.33

RUN: S5 NB30 270 AND 117 RAMPS AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270 ap	* 252397.0	535937.0	252037.0	536904.0	*	1032.	340. AG	5300.	4.2	.0	68.0	
2. 2	NB 270 dp	* 252037.0	536904.0	251761.0	537823.0	*	960.	343. AG	3300.	4.2	.0	68.0	
3. 3	NB SRVCRD	* 252429.0	535955.0	252356.0	536175.0	*	232.	342. AG	1325.	3.6	.0	44.0	
4. 3	NB SRVCRD	* 252356.0	536175.0	252074.0	536935.0	*	811.	340. AG	1325.	3.6	.0	44.0	
5. 5	SB 117nrmp	* 252074.0	536935.0	252069.0	537046.0	*	111.	357. AG	2000.	2.7	.0	32.0	
6. 5	SB 117nrmp	* 252069.0	537046.0	252061.0	537130.0	*	84.	355. AG	2000.	2.7	.0	32.0	
7. 5	SB 117nrmp	* 252061.0	537130.0	252079.0	537216.0	*	88.	12. AG	2000.	2.7	.0	32.0	
8. 5	SB 117nrmp	* 252079.0	537216.0	252129.0	537289.0	*	88.	34. AG	2000.	2.7	.0	32.0	
9. 5	SB 117nrmp	* 252129.0	537289.0	252186.0	537340.0	*	76.	48. AG	2000.	2.7	.0	32.0	
10. 5	SB 117nrmp	* 252186.0	537340.0	252254.0	537375.0	*	76.	63. AG	2000.	2.7	.0	32.0	
11. 5	SB 117nrmp	* 252254.0	537375.0	252335.0	537389.0	*	82.	80. AG	2000.	2.7	.0	32.0	
12. 5	SB 117nrmp	* 252335.0	537389.0	252446.0	537370.0	*	113.	100. AG	2000.	2.7	.0	32.0	
13. 5	SB 117nrmp	* 252446.0	537370.0	252523.0	537321.0	*	91.	122. AG	2000.	2.7	.0	32.0	
14. 5	SB 117nrmp	* 252523.0	537321.0	252583.0	537246.0	*	96.	141. AG	2000.	2.7	.0	32.0	
15. 5	SB 117nrmp	* 252583.0	537246.0	252615.0	537157.0	*	95.	160. AG	2000.	2.7	.0	32.0	
16. 5	SB 117nrmp	* 252615.0	537157.0	252615.0	537072.0	*	85.	180. AG	2000.	2.7	.0	32.0	
17. 5	SB 117nrmp	* 252615.0	537072.0	252593.0	536994.0	*	81.	196. AG	2000.	2.7	.0	32.0	
18. 5	SB 117nrmp	* 252593.0	536994.0	252552.0	536929.0	*	77.	212. AG	2000.	2.7	.0	32.0	
19. 5	SB 117nrmp	* 252552.0	536929.0	252482.0	536873.0	*	90.	231. AG	2000.	2.7	.0	32.0	
20. 5	SB 117nrmp	* 252482.0	536873.0	252406.0	536841.0	*	82.	247. AG	2000.	2.7	.0	32.0	
21. 5	SB 117nrmp	* 252406.0	536841.0	252262.0	536821.0	*	145.	262. AG	2000.	2.7	.0	32.0	
22. 22	NB SRVC dp	* 252074.0	536935.0	251805.0	537836.0	*	940.	343. AG	325.	3.6	.0	44.0	
23. 23	SB 270ap	* 251680.0	537802.0	251797.0	537434.0	*	386.	162. AG	7925.	3.8	.0	68.0	
24. 24	SB 270ap	* 251797.0	537434.0	252007.0	536758.0	*	708.	163. AG	7925.	3.8	.0	68.0	
25. 25	SB 270dp	* 252007.0	536758.0	252210.0	536191.0	*	602.	160. AG	12200.	2.7	.0	68.0	
26. 26	SB 270dp	* 252210.0	536191.0	252323.0	535914.0	*	299.	158. AG	12200.	2.7	.0	68.0	
27. 27	WB 117ap	* 253019.0	536796.0	252262.0	536821.0	*	757.	272. AG	3050.	2.7	.0	44.0	
28. 28	WB 117ap	* 252262.0	536821.0	251756.0	536870.0	*	508.	276. AG	2400.	2.7	.0	44.0	
29. 29	WB 117ap	* 251756.0	536870.0	251535.0	536901.0	*	223.	278. AG	2400.	2.7	.0	44.0	
30. 32	EB 117	* 251458.0	536900.0	251867.0	536837.0	*	414.	99. AG	1225.	2.9	.0	44.0	
31. 32	EB 117	* 251867.0	536837.0	252245.0	536812.0	*	379.	94. AG	1225.	2.9	.0	44.0	
32. 32	EB 117	* 252245.0	536812.0	252638.0	536796.0	*	393.	92. AG	1225.	2.9	.0	44.0	
33. 32	EB 117	* 252638.0	536796.0	253020.0	536773.0	*	383.	93. AG	1225.	2.9	.0	44.0	
34. 37	SB 270 ONR	* 251043.0	537030.0	251113.0	536984.0	*	84.	123. AG	4275.	3.9	.0	32.0	
35. 37	SB 270 ONR	* 251113.0	536984.0	251241.0	536933.0	*	138.	112. AG	4275.	3.9	.0	32.0	
36. 37	SB 270 ONR	* 251241.0	536933.0	251354.0	536894.0	*	120.	109. AG	4275.	3.9	.0	32.0	
37. 37	SB 270 ONR	* 251354.0	536894.0	251478.0	536831.0	*	139.	117. AG	4275.	3.9	.0	32.0	
38. 37	SB 270 ONR	* 251478.0	536831.0	251572.0	536738.0	*	132.	135. AG	4275.	3.9	.0	32.0	
39. 37	SB 270 ONR	* 251572.0	536738.0	251746.0	536536.0	*	267.	139. AG	4275.	3.9	.0	32.0	
40. 37	SB 270 ONR	* 251746.0	536536.0	252188.0	536012.0	*	686.	140. AG	4275.	3.9	.0	32.0	
41. 37	SB 270 ONR	* 252188.0	536012.0	252242.0	535939.0	*	91.	144. AG	4275.	3.9	.0	32.0	
42. 37	SB 270 ONR	* 252242.0	535939.0	252271.0	535898.0	*	50.	145. AG	4275.	3.9	.0	32.0	
43. 46	117 EB dp	* 251459.0	536900.0	251231.0	536963.0	*	237.	285. AG	1225.	3.9	.0	44.0	
44. 47	117 EB ap	* 251231.0	536963.0	251040.0	537049.0	*	209.	294. AG	2850.	2.9	.0	44.0	

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:48:27.33

RUN: S5 NB30 270 AND 117 RAMPS AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 47	117 EB ap	* 251213.0	536971.0	240516.5	541790.5	*	*****	294. AG	120.	100.0	.0	24.0	3.95 596.0
46. 47	117 WB ap	* 251537.0	536900.0	251239.0	536973.0	*	307.	284. AG	2400.	2.7	.0	44.0	
47. 47	117 WB ap	* 251257.0	536969.0	251257.4	536968.9	*	0.	103. AG	80.	100.0	.0	24.0	.00 .0
48. 47	117 WB END	* 251241.0	536975.0	251045.0	537066.0	*	216.	295. AG	2400.	2.7	.0	44.0	

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:48:27.33

RUN: S5 NB30 270 AND 117 RAMPS AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB ap	* 150	115	2.0	2850	1750	29.10	1	3
47. 47	117 WB ap	* 150	77	2.0	2	1750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SB ON RAMP	*	251130.0	536947.0	5.0	*
2. R2 SB ON RAMP	*	251281.0	536865.0	5.0	*
3. R3 SB ON RAMP	*	251422.0	536603.0	5.0	*
4. R4 SB ON RAMP	*	251455.0	536383.0	5.0	*
5. R5 SB ON RAMP	*	251660.0	536199.0	5.0	*
6. R6 SB ON RAMP	*	251907.0	536057.0	5.0	*
7. R7 SB ON RAMP	*	252159.0	535917.0	5.0	*
8. R8 117 WB SB ON RAMP	*	251265.0	537087.0	5.0	*
9. R9 117 WB SB ON RAMP	*	251351.0	537080.0	5.0	*
10. R10 117 WB SB ON RAM	*	251450.0	537075.0	5.0	*
11. R11 117 WB SB ON RAM	*	251573.0	537070.0	5.0	*
12. R12 I270 SB ROW	*	251697.0	537073.0	5.0	*
13. R13 I270 SB ROW	*	251723.0	537255.0	5.0	*

S5NB30AM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*
20.	R20	I270	NB	OFF RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	1.0	.5	.1	.0	.2	.5	.9	.0	.0	.0	.1	.2	.4	.3	.0	.0	.0	.0	.0	.0
5.	*	.9	.5	.1	.0	.2	.6	1.0	.0	.0	.0	.1	.4	.6	.3	.1	.0	.0	.0	.0	.0
10.	*	1.0	.5	.3	.1	.3	.5	.9	.0	.0	.1	.1	.4	.5	.5	.1	.0	.0	.0	.0	.0
15.	*	1.0	.5	.3	.2	.3	.5	.9	.0	.0	.1	.3	.4	.6	.5	.2	.0	.0	.0	.0	.0
20.	*	1.0	.6	.3	.2	.3	.4	.9	.0	.1	.1	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0
25.	*	1.0	.6	.4	.3	.2	.4	1.0	.0	.1	.1	.3	.5	.6	.5	.3	.0	.0	.0	.0	.0
30.	*	1.0	.6	.3	.3	.4	.4	.8	.1	.1	.2	.3	.4	.5	.5	.4	.1	.0	.0	.0	.0
35.	*	1.1	.6	.3	.2	.4	.4	.8	.1	.1	.2	.3	.4	.6	.5	.5	.1	.0	.0	.0	.0
40.	*	1.1	.8	.3	.2	.3	.4	.8	.1	.2	.3	.4	.4	.5	.5	.5	.1	.0	.0	.0	.0
45.	*	1.1	.7	.4	.2	.3	.4	.8	.1	.2	.3	.3	.4	.5	.5	.5	.2	.0	.0	.0	.0
50.	*	1.1	.7	.4	.3	.4	.4	.8	.2	.3	.3	.3	.4	.5	.5	.5	.3	.0	.0	.0	.0
55.	*	1.1	.8	.2	.4	.4	.4	.8	.3	.3	.2	.3	.4	.5	.5	.5	.3	.0	.0	.0	.0
60.	*	1.1	.8	.2	.3	.4	.5	.8	.3	.2	.3	.3	.4	.5	.5	.5	.5	.0	.0	.0	.0
65.	*	1.1	.7	.2	.3	.4	.4	.9	.2	.2	.3	.3	.4	.5	.5	.5	.5	.0	.0	.0	.0
70.	*	1.1	.8	.3	.3	.4	.4	.9	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
75.	*	1.0	.6	.4	.3	.4	.5	.7	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
80.	*	1.2	.5	.3	.3	.3	.4	.6	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
85.	*	1.1	.6	.3	.3	.4	.4	.6	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
90.	*	1.0	.5	.3	.3	.4	.4	.4	.2	.2	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
95.	*	1.0	.6	.3	.3	.4	.4	.3	.1	.2	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
100.	*	1.1	.6	.4	.3	.3	.4	.2	.1	.1	.3	.3	.4	.5	.5	.5	.7	.0	.0	.0	.0
105.	*	1.0	.5	.4	.4	.3	.4	.2	.2	.2	.3	.4	.4	.5	.5	.5	.7	.0	.0	.0	.0
110.	*	.6	.5	.3	.3	.3	.1	.1	.3	.2	.2	.3	.5	.5	.5	.5	.7	.0	.0	.0	.0
115.	*	.5	.5	.3	.2	.1	.1	.0	.3	.3	.3	.4	.5	.5	.5	.6	.8	.0	.0	.0	.0
120.	*	.5	.5	.4	.1	.1	.0	.0	.2	.3	.3	.5	.5	.6	.5	.6	.8	.0	.0	.0	.0
125.	*	.3	.4	.3	.0	.0	.0	.0	.3	.2	.3	.4	.7	.6	.6	.6	.8	.0	.0	.0	.0
130.	*	.1	.4	.2	.0	.0	.0	.0	.3	.2	.3	.4	.6	.7	.6	.6	.8	.0	.0	.0	.0
135.	*	.1	.1	.1	.0	.0	.0	.0	.6	.3	.3	.4	.7	.7	.7	.6	.9	.0	.0	.0	.0
140.	*	.0	.1	.0	.0	.0	.0	.0	.5	.5	.4	.3	.6	.8	.8	.6	.8	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.6	.8	.7	.8	1.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.4	.5	.2	.4	.4	.7	.7	.6	1.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.3	.5	.5	.6	.9	.0	.0	.0	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.4	.4	.4	.7	.1	.1	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.1	.4	.3	.2	.5	.4	.4	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.2	.0	.1	.1	.4	.4	.2	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.1	.0	.0	.1	.6	.6	.2	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.3	.2	.0	.0	.0	.0	.5	.7	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.2	.0	.0	.0	.0	.5	.5	.3	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.2	.0	.0	.0	.0	.5	.5	.4	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.2	.0	.0	.0	.0	.6	.6	.4	.3
200.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.2	.0	.0	.0	.0	.5	.5	.3	.2
205.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.2	.0	.0	.0	.0	.5	.6	.3	.3

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.1	.0	.0	.0	.0	.5	.5	.3	.3
215.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.1	.0	.0	.0	.0	.5	.5	.3	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.5	.5	.3	.3
225.	*	.0	.0	.0	.0	.0	.0	.0	.4	.1	.2	.2	.1	.0	.0	.0	.0	.5	.5	.3	.3
230.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.0	.0	.0	.0	.5	.5	.3	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.2	.1	.0	.0	.0	.0	.5	.5	.3	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.2	.2	.2	.0	.0	.0	.0	.5	.5	.2	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1	.0	.0	.0	.0	.5	.5	.3	.2
250.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.2	.0	.0	.0	.0	.0	.0	.4	.5	.3	.2
255.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.0	.0	.1	.0	.0	.0	.3	.5	.3	.2
260.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.0	.1	.1	.0	.0	.3	.5	.3	.2
265.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.1	.1	.0	.0	.2	.5	.3	.3
270.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.2	.5	.3	.2
275.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.0	.2	.5	.3	.2
280.	*	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.0	.4	.3	.2	.2
285.	*	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.0	.4	.3	.2	.2
290.	*	.3	.3	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.4	.2	.2	.2
295.	*	.4	.4	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2
300.	*	.5	.7	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1
305.	*	.7	.8	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
310.	*	.8	.9	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

S5NB30AM.OUT																			
315.	*	.9	.9	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
320.	*	1.1	.7	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	1.1	.7	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	1.1	.7	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	1.1	.6	.1	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	1.0	.8	.1	.0	.0	.2	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
345.	*	1.1	.6	.2	.0	.0	.1	.7	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
350.	*	1.0	.5	.1	.0	.1	.2	.9	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
355.	*	1.0	.5	.1	.0	.1	.3	1.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0
360.	*	1.0	.5	.1	.0	.2	.5	.9	.0	.0	.0	.1	.2	.4	.3	.0	.0	.0	.0
MAX	*	1.2	.9	.4	.4	.4	.6	1.0	.6	.5	.4	.5	.7	.8	.8	.8	1.0	.6	.7
DEGR.	*	80	310	25	55	30	5	25	135	140	140	120	125	140	140	145	145	175	180
																		190	185

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION										
ANGLE * (PPM)										
(DEGR)*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.1	.0	.3	.2	.1	.0	.0
5.	*	.0	.0	.1	.0	.3	.2	.1	.0	.0
10.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
15.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0
20.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
25.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
30.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
35.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
40.	*	.0	.0	.0	.0	.3	.2	.1	.1	.0
45.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0
50.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0
55.	*	.0	.0	.0	.0	.3	.3	.1	.1	.0
60.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0
65.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0
70.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0
75.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0
80.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0
85.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0
90.	*	.0	.0	.0	.1	.2	.1	.0	.0	.0
95.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.2	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0
115.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0
120.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0
125.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0
130.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0
135.	*	.0	.1	.1	.3	.0	.0	.0	.0	.0
140.	*	.0	.1	.1	.3	.0	.0	.0	.0	.0
145.	*	.0	.1	.1	.3	.0	.0	.0	.0	.0
150.	*	.0	.1	.1	.3	.0	.0	.0	.0	.0
155.	*	.0	.1	.1	.3	.0	.0	.0	.1	.0
160.	*	.0	.1	.1	.3	.0	.0	.0	.1	.0
165.	*	.0	.1	.1	.3	.0	.0	.0	.1	.0
170.	*	.0	.1	.1	.3	.0	.0	.0	.3	.0
175.	*	.0	.1	.1	.3	.0	.0	.1	.3	.0
180.	*	.0	.1	.1	.3	.0	.0	.2	.6	.0
185.	*	.0	.1	.1	.3	.0	.0	.2	.6	.0
190.	*	.1	.1	.2	.3	.0	.0	.3	.7	.0
195.	*	.1	.2	.3	.3	.0	.2	.4	.7	.0
200.	*	.2	.3	.3	.4	.0	.2	.4	.9	.1
205.	*	.2	.4	.4	.5	.2	.4	.8	.9	.2

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION										
ANGLE * (PPM)										
(DEGR)*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.3	.3	.4	.5	.2	.3	.6	.8	.2
215.	*	.3	.3	.3	.6	.2	.3	.5	.8	.3
220.	*	.3	.3	.3	.5	.2	.3	.5	.8	.4
225.	*	.4	.5	.3	.5	.3	.2	.5	.8	.5
230.	*	.2	.4	.3	.5	.2	.3	.5	.8	.6
235.	*	.1	.3	.3	.4	.2	.3	.5	.8	.6
240.	*	.1	.3	.4	.4	.2	.3	.5	.8	.7
245.	*	.1	.4	.4	.5	.2	.3	.5	.8	.8
250.	*	.2	.3	.4	.5	.2	.3	.5	.8	.9
255.	*	.2	.3	.5	.5	.2	.2	.4	.8	.9
260.	*	.3	.2	.3	.5	.2	.2	.4	.8	.9
265.	*	.2	.2	.3	.6	.3	.2	.4	.8	1.0
270.	*	.2	.3	.3	.3	.4	.3	.4	.7	.9
275.	*	.3	.3	.2	.2	.4	.4	.4	.7	.9
280.	*	.2	.4	.4	.2	.5	.4	.5	.7	.9
285.	*	.2	.4	.4	.2	.6	.5	.5	.8	.9
290.	*	.1	.3	.4	.3	.5	.4	.5	.8	1.0
295.	*	.1	.4	.3	.2	.5	.6	.7	.8	1.1
300.	*	.0	.3	.3	.2	.5	.5	.4	.8	1.1
305.	*	.0	.2	.4	.2	.5	.5	.5	.7	1.1
310.	*	.0	.1	.3	.1	.4	.5	.5	.8	1.0
315.	*	.0	.1	.2	.0	.3	.6	.3	.7	.9

S5NB30AM.OUT

320.	*	.0	.1	.1	.0	.3	.5	.3	.7	1.1	1.0
325.	*	.0	.1	.1	.0	.3	.3	.4	.6	1.0	1.0
330.	*	.0	.1	.1	.0	.3	.3	.4	.5	.9	.8
335.	*	.0	.1	.2	.0	.3	.3	.2	.4	.8	.7
340.	*	.0	.1	.2	.0	.3	.2	.1	.2	.5	.5
345.	*	.0	.0	.1	.0	.3	.3	.1	.0	.4	.1
350.	*	.0	.0	.1	.0	.3	.3	.1	.0	.0	.1
355.	*	.0	.0	.1	.0	.3	.2	.1	.0	.0	.0
360.	*	.0	.0	.1	.0	.3	.2	.1	.0	.0	.0
MAX	*	.4	.5	.5	.6	.6	.6	.7	.9	1.1	1.1
DEGR.	*	225	225	255	215	285	295	295	200	290	295

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 80 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 290 DEGREES FROM REC29.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 295 DEGREES FROM REC30.

1

JOB: S5 NB30 I-270 & MD 117 RAMPS
 DATE: 12/18/2006 TIME: 11:48:27.33

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 80	REC2 310	REC3 25	REC4 55	REC5 30	REC6 5	REC7 25	REC8 135	REC9 140	REC10 140	REC11 120	REC12 125	REC13 140	REC14 140	REC15 145	REC16 145	REC17 175	REC18 180	REC19 190	REC20 185
1	*	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1
2	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0	.0	.0	.0	
24	*	.1	.0	.1	.1	.1	.1	.1	.0	.0	.2	.3	.4	.5	.4	.2	.2	.3	.1	.0	
25	*	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	
26	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 225	REC22 225	REC23 255	REC24 215	REC25 285	REC26 295	REC27 295	REC28 200	REC29 290	REC30 295
46	*	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB30 I-270 & MD 117 RAMPS
 DATE: 12/18/2006 TIME: 11:48:27.33

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 225	REC22 225	REC23 255	REC24 215	REC25 285	REC26 295	REC27 295	REC28 200	REC29 290	REC30 295
1	*	.1	.1	.1	.1	.0	.0	.2	.3	.4	.4
2	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5NB30AM.OUT

6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.0	.1	.0	.1	.1	.2	.0	.0	.0
25	*	.1	.1	.1	.1	.0	.0	.1	.2	.4	.1
26	*	.0	.0	.0	.1	.0	.0	.0	.2	.0	.3
27	*	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
33	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS AM

PAGE 11

		CO/LINK (PPM)		ANGLE (DEGREES)								
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	
LINK #	*	225	225	255	215	285	295	295	200	290	295	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

										S5NB30PM.DAT									
S5	NB30	I-270 & MD	117	RAMPS						60.0175	0.0000	0.0003	00.3048	0000	11	1			
R1	SB	ON	RAMP	251130.	536947.	5.													
R2	SB	ON	RAMP	251281.	536865.	5.													
R3	SB	ON	RAMP	251422.	536603.	5.													
R4	SB	ON	RAMP	251455.	536383.	5.													
R5	SB	ON	RAMP	251660.	536199.	5.													
R6	SB	ON	RAMP	251907.	536057.	5.													
R7	SB	ON	RAMP	252159.	535917.	5.													
R8	117	WB	SB ON	RAMP	251265.	537087.	5.												
R9	117	WB	SB ON	RAMP	251351.	537080.	5.												
R10	117	WB	SB ON	RAM	251450.	537075.	5.												
R11	117	WB	SB ON	RAM	251573.	537070.	5.												
R12	I270	SB	ROW	251697.	537073.	5.													
R13	I270	SB	ROW	251723.	537255.	5.													
R14	I270	SB	ROW	251671.	537409.	5.													
R15	I270	SB	ROW	251608.	537596.	5.													
R16	I270	SB	ROW	251607.	537743.	5.													
R17	I270	NB	ROW	251910.	537826.	5.													
R18	I270	NB	ROW	251931.	537710.	5.													
R19	I270	NB	ROW	252159.	537580.	5.													
R20	I270	NB	OFF	RAM	252379.	537478.	5.												
R21	I270	NB	OFF	RAM	252620.	537368.	5.												
R22	I270	NB	OFF	RAM	252666.	537055.	5.												
R23	I270	NB	OFF	RAM	252617.	536930.	5.												
R24	117	WB	ROW	252735.	536857.	5.													
R25	117	EB	ROW	252767.	536750.	5.													
R26	117	EB	ROW	252602.	536740.	5.													
R27	I270	NB	ROW	252415.	536643.	5.													
R28	I270	NB	ROW	252333.	536511.	5.													
R29	I270	NB	ROW	252353.	536310.	5.													
R30	I270	NB	ROW	252467.	536032.	5.													
S5	NB30	270	AND	117	RAMPS	PM				48	1	1							
1																			
1		NB	270	ap	AG252397.535937.252037.536904.					11025.	3.6	0.	68.	54.0					
2		NB	270	dp	AG252037.536904.251761.537823.					7450.	3.6	0.	68.	54.0					
3		NB	SRVCRD	AG252429.535955.252356.536175.						2300.	3.6	0.	44.	55.0					
3		NB	SRVCRD	AG252356.536175.252074.536935.						2300.	3.6	0.	44.	55.0					
5		SB	117nrmp	AG252074.536935.252069.537046.						3575.	2.7	0.	32.	30					
5		SB	117nrmp	AG252069.537046.252061.537130.						3575.	2.7	0.	32.	30					
5		SB																	

	S5NB30PM.DAT
1	
37	SB 270 ONRAG251478.536831.251572.536738. 2400. 3.9 0. 32. 60
1	
37	SB 270 ONRAG251572.536738.251746.536536. 2400. 3.9 0. 32. 60
1	
37	SB 270 ONRAG251746.536536.252188.536012. 2400. 3.9 0. 32. 60
1	
37	SB 270 ONRAG252188.536012.252242.535939. 2400. 3.9 0. 32. 60
1	
37	SB 270 ONRAG252242.535939.252271.535898. 2400. 3.9 0. 32. 60
1	
46	117 EB dp AG251459.536900.251231.536963. 2250. 3.9 0. 44. 60
1	
47	117 EB ap AG251231.536963.251040.537049. 2000. 2.9 0. 44. 40
2	
47	117 EB ap AG251213.536971.251051.537044. 0.24.0 2
130	74 2.0 2000 29.1 1750 1 3
1	
47	117 WB ap AG251537.536900.251239.536973. 2875. 2.7 0. 44. 30
2	
47	117 WB ap AG251257.536969.251452.536921. 0.24.0 2
150	77 2.0 29.1 1750 1 3
1	
47	117 WB ENDAG251241.536975.251045.537066. 2875. 2.7 0. 44. 30
1.0	0.4 1000. 0.0Y 5 0 72

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:51:49.34

RUN: S5 NB30 270 AND 117 RAMPS PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2							
1. 1	NB 270 ap	* 252397.0	535937.0	252037.0	536904.0	* 1032.	340. AG	11025.	3.6	.0	68.0	
2. 2	NB 270 dp	* 252037.0	536904.0	251761.0	537823.0	* 960.	343. AG	7450.	3.6	.0	68.0	
3. 3	NB SRVCRD	* 252429.0	535955.0	252356.0	536175.0	* 232.	342. AG	2300.	3.6	.0	44.0	
4. 3	NB SRVCRD	* 252356.0	536175.0	252074.0	536935.0	* 811.	340. AG	2300.	3.6	.0	44.0	
5. 5	SB 117nrmp	* 252074.0	536935.0	252069.0	537046.0	* 111.	357. AG	3575.	2.7	.0	32.0	
6. 5	SB 117nrmp	* 252069.0	537046.0	252061.0	537130.0	* 84.	355. AG	3575.	2.7	.0	32.0	
7. 5	SB 117nrmp	* 252061.0	537130.0	252079.0	537216.0	* 88.	12. AG	3575.	2.7	.0	32.0	
8. 5	SB 117nrmp	* 252079.0	537216.0	252129.0	537289.0	* 88.	34. AG	3575.	2.7	.0	32.0	
9. 5	SB 117nrmp	* 252129.0	537289.0	252186.0	537340.0	* 76.	48. AG	3575.	2.7	.0	32.0	
10. 5	SB 117nrmp	* 252186.0	537340.0	252254.0	537375.0	* 76.	63. AG	3575.	2.7	.0	32.0	
11. 5	SB 117nrmp	* 252254.0	537375.0	252335.0	537389.0	* 82.	80. AG	3575.	2.7	.0	32.0	
12. 5	SB 117nrmp	* 252335.0	537389.0	252446.0	537370.0	* 113.	100. AG	3575.	2.7	.0	32.0	
13. 5	SB 117nrmp	* 252446.0	537370.0	252523.0	537321.0	* 91.	122. AG	3575.	2.7	.0	32.0	
14. 5	SB 117nrmp	* 252523.0	537321.0	252583.0	537246.0	* 96.	141. AG	3575.	2.7	.0	32.0	
15. 5	SB 117nrmp	* 252583.0	537246.0	252615.0	537157.0	* 95.	160. AG	3575.	2.7	.0	32.0	
16. 5	SB 117nrmp	* 252615.0	537157.0	252615.0	537072.0	* 85.	180. AG	3575.	2.7	.0	32.0	
17. 5	SB 117nrmp	* 252615.0	537072.0	252593.0	536994.0	* 81.	196. AG	3575.	2.7	.0	32.0	
18. 5	SB 117nrmp	* 252593.0	536994.0	252552.0	536929.0	* 77.	212. AG	3575.	2.7	.0	32.0	
19. 5	SB 117nrmp	* 252552.0	536929.0	252482.0	536873.0	* 90.	231. AG	3575.	2.7	.0	32.0	
20. 5	SB 117nrmp	* 252482.0	536873.0	252406.0	536841.0	* 82.	247. AG	3575.	2.7	.0	32.0	
21. 5	SB 117nrmp	* 252406.0	536841.0	252262.0	536821.0	* 145.	262. AG	3575.	2.7	.0	32.0	
22. 22	NB SRVC dp	* 252074.0	536935.0	251805.0	537836.0	* 940.	343. AG	750.	3.6	.0	44.0	
23. 23	SB 270ap	* 251680.0	537802.0	251797.0	537434.0	* 386.	162. AG	4000.	4.2	.0	68.0	
24. 24	SB 270ap	* 251797.0	537434.0	252007.0	536758.0	* 708.	163. AG	4000.	4.2	.0	68.0	
25. 25	SB 270dp	* 252007.0	536758.0	252210.0	536191.0	* 602.	160. AG	6400.	4.2	.0	68.0	
26. 26	SB 270dp	* 252210.0	536191.0	252323.0	535914.0	* 299.	158. AG	6400.	4.2	.0	68.0	
27. 27	WB 117ap	* 253019.0	536796.0	252262.0	536821.0	* 757.	272. AG	1950.	2.7	.0	44.0	
28. 28	WB 117ap	* 252262.0	536821.0	251756.0	536870.0	* 508.	276. AG	2875.	2.7	.0	44.0	
29. 29	WB 117ap	* 251756.0	536870.0	251535.0	536901.0	* 223.	278. AG	2875.	2.7	.0	44.0	
30. 32	EB 117	* 251458.0	536900.0	251867.0	536837.0	* 414.	99. AG	2250.	2.9	.0	44.0	
31. 32	EB 117	* 251867.0	536837.0	252245.0	536812.0	* 379.	94. AG	2250.	2.9	.0	44.0	
32. 32	EB 117	* 252245.0	536812.0	252638.0	536796.0	* 393.	92. AG	2250.	2.9	.0	44.0	
33. 32	EB 117	* 252638.0	536796.0	253020.0	536773.0	* 383.	93. AG	2250.	2.9	.0	44.0	
34. 37	SB 270 ONR	* 251043.0	537030.0	251113.0	536984.0	* 84.	123. AG	2400.	3.9	.0	32.0	
35. 37	SB 270 ONR	* 251113.0	536984.0	251241.0	536933.0	* 138.	112. AG	2400.	3.9	.0	32.0	
36. 37	SB 270 ONR	* 251241.0	536933.0	251354.0	536894.0	* 120.	109. AG	2400.	3.9	.0	32.0	
37. 37	SB 270 ONR	* 251354.0	536894.0	251478.0	536831.0	* 139.	117. AG	2400.	3.9	.0	32.0	
38. 37	SB 270 ONR	* 251478.0	536831.0	251572.0	536738.0	* 132.	135. AG	2400.	3.9	.0	32.0	
39. 37	SB 270 ONR	* 251572.0	536738.0	251746.0	536536.0	* 267.	139. AG	2400.	3.9	.0	32.0	
40. 37	SB 270 ONR	* 251746.0	536536.0	252188.0	536012.0	* 686.	140. AG	2400.	3.9	.0	32.0	
41. 37	SB 270 ONR	* 252188.0	536012.0	252242.0	535939.0	* 91.	144. AG	2400.	3.9	.0	32.0	
42. 37	SB 270 ONR	* 252242.0	535939.0	252271.0	535898.0	* 50.	145. AG	2400.	3.9	.0	32.0	
43. 46	117 EB dp	* 251459.0	536900.0	251231.0	536963.0	* 237.	285. AG	2250.	3.9	.0	44.0	
44. 47	117 EB ap	* 251231.0	536963.0	251040.0	537049.0	* 209.	294. AG	2000.	2.9	.0	44.0	

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:51:49.34

RUN: S5 NB30 270 AND 117 RAMPS PM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2							
45. 47	117 EB ap	* 251213.0	536971.0	247975.6	538429.7	* 3551.	294. AG	89.	100.0	.0	24.0	1.43 180.4
46. 47	117 WB ap	* 251537.0	536900.0	251239.0	536973.0	* 307.	284. AG	2875.	2.7	.0	44.0	
47. 47	117 WB ap	* 251257.0	536969.0	251257.4	536968.9	* 0.	103. AG	80.	100.0	.0	24.0	.00 .0
48. 47	117 WB END	* 251241.0	536975.0	251045.0	537066.0	* 216.	295. AG	2875.	2.7	.0	44.0	

JOB: S5 NB30 I-270 & MD 117 RAMPS
DATE: 12/18/2006 TIME: 11:51:49.34

RUN: S5 NB30 270 AND 117 RAMPS PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION		CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
45. 47	117 EB ap	* 130	74	2.0	2000	1750	29.10	1	3
47. 47	117 WB ap	* 150	77	2.0	2	1750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR		COORDINATES (FT)		
		X	Y	Z
1. R1	SB ON RAMP	* 251130.0	536947.0	5.0
2. R2	SB ON RAMP	* 251281.0	536865.0	5.0
3. R3	SB ON RAMP	* 251422.0	536603.0	5.0
4. R4	SB ON RAMP	* 251455.0	536383.0	5.0
5. R5	SB ON RAMP	* 251660.0	536199.0	5.0
6. R6	SB ON RAMP	* 251907.0	536057.0	5.0
7. R7	SB ON RAMP	* 252159.0	535917.0	5.0
8. R8	117 WB SB ON RAMP	* 251265.0	537087.0	5.0
9. R9	117 WB SB ON RAMP	* 251351.0	537080.0	5.0
10. R10	117 WB SB ON RAM	* 251450.0	537075.0	5.0
11. R11	117 WB SB ON RAM	* 251573.0	537070.0	5.0
12. R12	I270 SB ROW	* 251697.0	537073.0	5.0
13. R13	I270 SB ROW	* 251723.0	537255.0	5.0

S5NB30PM.OUT

14.	R14	I270	SB	ROW	*	251671.0	537409.0	5.0	*	
15.	R15	I270	SB	ROW	*	251608.0	537596.0	5.0	*	
16.	R16	I270	SB	ROW	*	251607.0	537743.0	5.0	*	
17.	R17	I270	NB	ROW	*	251910.0	537826.0	5.0	*	
18.	R18	I270	NB	ROW	*	251931.0	537710.0	5.0	*	
19.	R19	I270	NB	ROW	*	252159.0	537580.0	5.0	*	
20.	R20	I270	NB	OFF	RAM	*	252379.0	537478.0	5.0	*
21.	R21	I270	NB	OFF	RAM	*	252620.0	537368.0	5.0	*
22.	R22	I270	NB	OFF	RAM	*	252666.0	537055.0	5.0	*
23.	R23	I270	NB	OFF	RAM	*	252617.0	536930.0	5.0	*
24.	R24	117	WB	ROW	*	252735.0	536857.0	5.0	*	
25.	R25	117	EB	ROW	*	252767.0	536750.0	5.0	*	
26.	R26	117	EB	ROW	*	252602.0	536740.0	5.0	*	
27.	R27	I270	NB	ROW	*	252415.0	536643.0	5.0	*	
28.	R28	I270	NB	ROW	*	252333.0	536511.0	5.0	*	
29.	R29	I270	NB	ROW	*	252353.0	536310.0	5.0	*	
30.	R30	I270	NB	ROW	*	252467.0	536032.0	5.0	*	

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.6	.4	.0	.0	.1	.5	1.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
5.	*	.5	.4	.0	.0	.1	.5	.9	.0	.0	.0	.1	.2	.4	.3	.0	.0	.0	.0	.0	.0
10.	*	.6	.4	.0	.1	.2	.6	1.1	.0	.0	.0	.2	.4	.5	.3	.1	.0	.0	.0	.0	.0
15.	*	.6	.4	.1	.1	.2	.6	1.0	.0	.0	.0	.2	.4	.6	.4	.1	.0	.0	.0	.0	.0
20.	*	.6	.4	.2	.1	.2	.5	1.1	.0	.0	.2	.2	.4	.5	.4	.1	.0	.0	.0	.0	.0
25.	*	.6	.5	.2	.2	.3	.5	1.0	.0	.0	.2	.3	.3	.6	.4	.3	.0	.0	.0	.0	.0
30.	*	.6	.5	.3	.2	.5	.5	.8	.0	.2	.2	.4	.4	.6	.5	.3	.0	.0	.0	.0	.0
35.	*	.6	.5	.3	.2	.3	.5	.8	.2	.2	.2	.3	.4	.5	.5	.3	.1	.0	.0	.0	.0
40.	*	.7	.5	.3	.3	.4	.5	.8	.2	.2	.2	.3	.4	.5	.5	.4	.1	.0	.0	.0	.0
45.	*	.7	.5	.2	.3	.4	.5	.8	.2	.2	.2	.3	.4	.5	.5	.4	.1	.0	.0	.0	.0
50.	*	.7	.6	.2	.2	.4	.5	.8	.2	.1	.2	.3	.4	.5	.5	.4	.2	.0	.0	.0	.0
55.	*	.7	.6	.3	.2	.4	.4	.8	.1	.2	.2	.3	.4	.5	.4	.4	.3	.0	.0	.0	.0
60.	*	.7	.6	.4	.2	.4	.5	.8	.1	.2	.2	.3	.4	.5	.5	.4	.3	.0	.0	.0	.0
65.	*	.8	.6	.4	.2	.4	.5	.8	.2	.2	.2	.3	.4	.5	.5	.5	.4	.0	.0	.0	.0
70.	*	1.0	.6	.3	.3	.4	.5	.7	.2	.2	.2	.3	.4	.5	.6	.5	.5	.0	.0	.0	.0
75.	*	1.0	.7	.3	.3	.4	.4	.8	.2	.2	.2	.3	.4	.5	.5	.5	.5	.0	.0	.0	.0
80.	*	1.0	.7	.4	.4	.4	.5	.7	.2	.2	.2	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
85.	*	.9	.8	.4	.4	.4	.5	.5	.2	.2	.2	.3	.4	.5	.6	.5	.6	.0	.0	.0	.0
90.	*	.9	.4	.4	.4	.5	.5	.4	.2	.2	.2	.3	.4	.5	.5	.4	.6	.0	.0	.0	.0
95.	*	.6	.3	.4	.4	.4	.5	.3	.2	.2	.2	.2	.4	.5	.5	.5	.6	.0	.0	.0	.0
100.	*	.6	.4	.3	.3	.3	.4	.2	.3	.3	.3	.3	.4	.5	.5	.5	.6	.0	.0	.0	.0
105.	*	.7	.4	.4	.4	.2	.2	.2	.3	.3	.3	.3	.5	.5	.5	.5	.6	.0	.0	.0	.0
110.	*	.5	.5	.4	.2	.2	.2	.0	.2	.2	.4	.4	.5	.5	.5	.5	.6	.0	.0	.0	.0
115.	*	.4	.3	.3	.2	.2	.1	.0	.3	.3	.5	.5	.5	.6	.5	.5	.6	.0	.0	.0	.0
120.	*	.2	.3	.3	.1	.0	.0	.0	.4	.4	.4	.5	.6	.6	.5	.6	.6	.0	.0	.0	.0
125.	*	.2	.2	.3	.0	.0	.0	.0	.5	.5	.5	.6	.9	.7	.6	.6	.6	.0	.0	.0	.0
130.	*	.1	.1	.1	.0	.0	.0	.0	.4	.4	.5	.5	.7	.6	.7	.5	.6	.0	.0	.0	.1
135.	*	.0	.1	.0	.0	.0	.0	.0	.4	.4	.5	.4	.7	.6	.7	.6	.6	.0	.0	.0	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.7	.9	.7	.7	.8	.0	.0	.0	.1
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.5	.6	.8	.7	.6	.8	.0	.0	.0	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.4	.5	.7	.7	.7	.7	.0	.0	.0	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.3	.5	.5	.6	.8	.1	.1	.0	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.3	.4	.4	.4	.5	.2	.2	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.1	.2	.3	.3	.5	.4	.5	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.1	.0	.0	.0	.2	.6	.6	.2	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2	.2	.0	.0	.0	.0	.6	.7	.3	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.2	.0	.0	.0	.0	.7	.8	.3	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.0	.0	.0	.0	.5	.8	.4	.4
190.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.0	.0	.0	.0	.6	.7	.4	.4
195.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.2	.0	.0	.0	.0	.6	.6	.5	.4
200.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.6	.6	.4	.4
205.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.2	.0	.0	.0	.0	.5	.6	.3	.4

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.2	.0	.0	.0	.0	.5	.6	.3	.5
215.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.2	.0	.0	.0	.0	.5	.5	.3	.4
220.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.1	.0	.0	.0	.0	.5	.5	.3	.3
225.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.0	.0	.0	.0	.0	.5	.5	.3	.3
230.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.5	.6	.3	.3
235.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.1	.0	.0	.0	.0	.4	.6	.3	.3
240.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.2	.2	.1	.0	.0	.0	.0	.4	.6	.3	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0	.2	.2	.0	.0	.0	.0	.4	.6	.3	.2
250.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.2	.2	.0	.0	.0	.0	.4	.6	.3	.2
255.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.4	.6	.3	.2
260.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.3	.6	.3	.2
265.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.3	.6	.3	.1
270.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.6	.3	.1
275.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.5	.3	.2
280.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.5	.3	.2
285.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.4	.3	.2
290.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	.3	.2
295.	*	.3	.2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1
300.	*	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
305.	*	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
310.	*	.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0

S5NB30PM.OUT

315.	*	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.7	.5	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
325.	*	.7	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.7	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.8	.6	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.7	.6	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.7	.4	.0	.0	.0	.1	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
350.	*	.7	.4	.1	.0	.0	.2	.8	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
355.	*	.6	.4	.0	.0	.0	.3	1.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0
360.	*	.6	.4	.0	.0	.1	.5	1.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0

MAX	*	1.0	.8	.4	.4	.5	.6	1.1	.5	.5	.5	.6	.9	.9	.7	.7	.8	.7	.8	.5
DEGR.	*	70	85	60	80	30	10	10	125	125	115	125	125	140	130	150	140	180	180	195
																				210

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
5.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
10.	*	.0	.0	.1	.0	.3	.2	.2	.0	.0	.0
15.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
20.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
30.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
35.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
40.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
45.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
50.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0
70.	*	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
95.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
100.	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.2	.2	.0	.0	.0	.2	.0	.0
160.	*	.0	.0	.2	.2	.0	.0	.0	.1	.3	.0
165.	*	.0	.0	.1	.2	.0	.0	.0	.2	.5	.0
170.	*	.0	.0	.1	.2	.0	.0	.1	.5	.6	.0
175.	*	.1	.0	.1	.2	.0	.0	.1	.6	.9	.0
180.	*	.1	.0	.2	.2	.0	.0	.3	.7	1.1	.0
185.	*	.2	.0	.3	.2	.0	.0	.4	.8	1.2	.0
190.	*	.2	.1	.3	.2	.0	.1	.4	1.0	1.3	.0
195.	*	.3	.1	.3	.3	.0	.1	.5	.9	1.3	.2
200.	*	.5	.1	.5	.3	.1	.3	.6	.9	1.3	.2
205.	*	.4	.2	.5	.3	.1	.3	.6	.9	1.3	.3

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.4	.4	.5	.5	.2	.3	.6	.9	1.2	.4
215.	*	.3	.4	.5	.5	.3	.4	.6	.8	1.1	.4
220.	*	.3	.6	.5	.5	.3	.3	.6	.8	1.2	.6
225.	*	.2	.6	.5	.5	.3	.3	.6	.8	1.2	.8
230.	*	.2	.5	.5	.5	.3	.3	.6	.8	1.2	.8
235.	*	.4	.5	.6	.6	.3	.3	.6	.8	1.3	1.0
240.	*	.4	.6	.7	.6	.3	.3	.6	.8	1.3	1.0
245.	*	.4	.4	.7	.6	.3	.3	.6	.8	1.3	1.0
250.	*	.3	.3	.8	.5	.3	.3	.6	.8	1.3	1.1
255.	*	.3	.5	.5	.5	.3	.3	.6	.8	1.3	1.1
260.	*	.3	.5	.4	.5	.3	.3	.6	.8	1.3	1.1
265.	*	.4	.4	.6	.3	.4	.3	.6	.8	1.3	1.2
270.	*	.3	.4	.5	.3	.4	.3	.6	.8	1.3	1.2
275.	*	.3	.3	.4	.4	.4	.5	.6	.8	1.3	1.3
280.	*	.2	.4	.4	.3	.5	.6	.5	.8	1.3	1.3
285.	*	.1	.4	.4	.2	.6	.7	.6	.8	1.2	1.3
290.	*	.1	.3	.4	.2	.5	.6	.7	.8	1.2	1.4
295.	*	.1	.3	.4	.2	.6	.6	.7	.8	1.3	1.3
300.	*	.1	.2	.3	.1	.5	.5	.7	.9	1.3	1.3
305.	*	.0	.2	.3	.1	.4	.5	.7	.9	1.3	1.2
310.	*	.0	.3	.3	.1	.4	.4	.5	.8	1.4	1.3
315.	*	.0	.2	.3	.1	.4	.4	.5	1.0	1.4	1.3

S5NB30PM.OUT

320.	*	.0	.3	.3	.0	.4	.3	.3	.8	1.5	1.2
325.	*	.0	.3	.2	.0	.3	.4	.5	.8	1.4	1.4
330.	*	.0	.2	.2	.0	.3	.3	.4	.6	1.1	1.3
335.	*	.0	.2	.2	.0	.3	.3	.3	.5	1.1	.9
340.	*	.0	.2	.2	.0	.3	.3	.3	.3	.7	.6
345.	*	.0	.2	.2	.0	.3	.2	.2	.1	.4	.4
350.	*	.0	.1	.3	.0	.3	.2	.2	.0	.3	.1
355.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
360.	*	.0	.0	.2	.0	.3	.2	.2	.0	.0	.0
MAX	*	.5	.6	.8	.6	.6	.7	.7	1.0	1.5	1.4
DEGR.	*	200	220	250	235	285	285	290	190	320	325

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 320 DEGREES FROM REC29.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 325 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 10 DEGREES FROM REC7 .

1

JOB: S5 NB30 I-270 & MD 117 RAMPS
 DATE: 12/18/2006 TIME: 11:51:49.34

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 70	REC2 85	REC3 60	REC4 80	REC5 30	REC6 10	REC7 10	REC8 125	REC9 125	REC10 115	REC11 125	REC12 125	REC13 140	REC14 130	REC15 150	REC16 140	REC17 180	REC18 180	REC19 195	REC20 210
1	*	.0	.1	.1	.2	.1	.2	.4	.2	.2	.2	.3	.3	.3	.1	.2	.1	.1	.1	.1	.1
2	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.3	.2	.3	.4	.4	.2	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	
24	*	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.2	.2	.3	.2	.1	.1	.1	.1	.1	
25	*	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	
26	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 200	REC22 220	REC23 250	REC24 235	REC25 285	REC26 285	REC27 290	REC28 190	REC29 320	REC30 325
46	*	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB30 I-270 & MD 117 RAMPS
 DATE: 12/18/2006 TIME: 11:51:49.34

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 200	REC22 220	REC23 250	REC24 235	REC25 285	REC26 285	REC27 290	REC28 190	REC29 320	REC30 325
1	*	.2	.2	.2	.2	.1	.1	.3	.6	.8	.8
2	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S5NB30PM.OUT
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.1	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.1	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.1	.1	.1	.0	.1
25	*	.1	.1	.1	.1	.0	.0	.1	.1	.2
26	*	.0	.0	.0	.0	.0	.0	.2	.0	.0
27	*	.0	.0	.1	.1	.1	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.1	.1	.1	.0	.0	.0
33	*	.0	.0	.0	.1	.1	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 NB30 I-270 & MD 117 RAMPS

RUN: S5 NB30 270 AND 117 RAMPS PM

PAGE 11

	*	CO/LINK	(PPM)							
	*	ANGLE	(DEGREES)							
	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29
LINK #	*	200	220	250	235	285	285	290	190	320
	*	325								
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B130AM.DAT

S5 BD1	30	I-270 & MD	117 RAMPs	60.0175.0.0000.000300.30480000	11	1

REC 1	SB	ON	RMP	250973.	536973.	5.
REC 2	SB	ON	RMP	251060.	536903.	5.
REC 3	SB	ON	RMP	251135.	536823.	5.
REC 4	SB	ON	RMP	251209.	536705.	5.
REC 5	SB	ON	RMP	251449.	536369.	5.
REC 6	SB	ON	RMP	251813.	536056.	5.
REC 7	SB	ON	RMP	252143.	535829.	5.
REC 8	117	WB	SB ON	251112.	537090.	5.
REC 9	117	WB	SB ON	251190.	537085.	5.
REC 10	117	WB	SB ON	251278.	537081.	5.
REC 11	117	WB	SB ON	251401.	537074.	5.
REC 12	I270	SB		251696.	537061.	5.
REC 13	I270	SB		251755.	537164.	5.
REC 14	I270	SB		251712.	537290.	5.
REC 15	I270	SB		251665.	537439.	5.
REC 16	I270	SB		251593.	537691.	5.
REC 17	I270	NB		251904.	537827.	5.
REC 18	I270	NB		251931.	537714.	5.
REC 19	I270	NB		252113.	537600.	5.
REC 20	I270	NB	OFF	252256.	537525.	5.
REC 21	I270	NB	OFF	252435.	537447.	5.
REC 22	I270	NB	OFF	252620.	537364.	5.
REC 23	I270	NB	OFF	252614.	536939.	5.
REC 24	117	WB		252774.	536855.	5.
REC 25	117	EB		252803.	536749.	5.
REC 26	117	EB		252606.	536739.	5.
REC 27	I270	NB		252409.	536647.	5.
REC 28	I270	NB		252327.	536513.	5.
REC 29	I270	NB		252351.	536311.	5.
REC 30	I270	NB		252419.	536138.	5.

S5 BD1 30 AM 270/117 RAMPs 50 1 1

55	1	270	NB	GPdAG251815.537797.252102.536855.	2225	4.2	0.	68.	66
55	1	270	NB	GPaAG252102.536855.252339.536215.	3925	4.2	0.	68.	66
55	1	270	NB	GP AG252339.536215.252473.535930.	3925	4.2	0.	68.	66
55	1	270	NB	ETLAG251755.537782.252042.536825.	1425	4.2	0.	44.	67
55	1	270	NB	ETLAG252039.536831.252234.536316.	1425	4.2	0.	44.	67
55	1	270	NB	ETLAG252234.536316.252417.535901.	1425	4.2	0.	44.	67
55	1	270	SB	ETLAG252327.535871.252171.536268.	3525	4.2	0.	44.	65
55	1	270	SB	ETLAG252171.536268.251995.536837.	3525	4.2	0.	44.	65
55	1	270	SB	ETLAG251998.536840.251707.537767.	3525	4.2	0.	44.	65
55	1	270	SB	GPdAG252264.535856.252111.536262.	9025	4.1	0.	68.	63
55	1	270	SB	GPdAG252111.536262.251923.536843.	9025	4.1	0.	68.	63
55	1	270	SB	GPaAG251923.536846.251653.537743.	5200	4.2	0.	68.	66
0	1	270	SB	on AG252485.535272.252306.535598.	3825	2.9	0.	44.	40
0	1	270	SB	on AG252306.535598.252117.535876.	3825	2.9	0.	44.	40
0	1	270	SB	on AG252117.535876.251962.536082.	3825	2.9	0.	44.	40
0	1	270	SB	on AG251962.536082.251752.536324.	3825	2.9	0.	44.	40
0	1	270	SB	on AG251752.536324.251549.536537.	3825	2.9	0.	44.	40
0	1	270	SB	on AG251549.536537.251387.536686.	3825	2.9	0.	44.	40
0	1	270	SB	on AG251387.536686.251243.536809.	3825	2.9	0.	44.	40
0	1	270	SB	on AG251243.536809.251055.536956.	3825	2.9	0.	44.	40
0	1	270	NB	offAG252543.536841.252580.537010.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252580.537010.252600.537102.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252600.537102.252594.537191.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252594.537191.252559.537266.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252559.537266.252492.537332.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252492.537332.252435.537364.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252435.537364.252360.537384.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252360.537384.252287.537381.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252287.537381.252194.537348.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252194.537348.252131.537293.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252131.537293.252093.537231.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252093.537231.252073.537178.	1700	2.7	0.	44.	30
0	1	270	NB	offAG252073.537178.252062.536995.	1700	2.7	0.	44.	30
0	1	117	EB	apramAG251565.536870.251357.536919.	525	2.9	0.	32.	40
0	1	117	EB	apramAG251357.536919.251213.536965.	525	2.9	0.	32.	40
0	1	117	EB	apAllAG251213.536965.251064.537016.	2800	2.9	0.	32.	40
0	1	117	EB&270	AG252229.536813.251898.536828.	525	2.9	0.	32.	40

		S5B130AM.DAT			
0	1	117EB&270	AG251898.536828.251687.536848.	525 2.9	0. 32. 40
0	1	117EB&270	AG251687.536848.251559.536869.	525 2.9	0. 32. 40
LT	2	117WBRampA	AG251613.536860.251685.536848.	0. 12.	1
	150	1	1.0 1550 29.1 177 1 3		
0	1	117EBdp	AG253044.536797.252769.536789.	1175 2.9	0. 44. 40
0	1	117EBdp	AG252769.536789.252477.536796.	1175 2.9	0. 44. 40
0	1	117EBdp	AG252477.536796.252232.536814.	1175 2.9	0. 44. 40
0	1	117WBap	AG252062.536846.252421.536827.	2975 2.7	0. 44. 30
0	1	117WBap	AG252421.536827.253044.536841.	2975 2.7	0. 44. 30
0	1	117WBapR	AG251803.536859.252062.536846.	2975 2.7	0. 44. 30
Th	1	117WBRampA	AG251574.536894.251804.536863.	2975 2.7	0. 44. 30
	1	117WBRampD	AG251067.537045.251248.536976.	2475 4.2	0. 44. 65
0	1	117WBRampD	AG251248.536976.251441.536925.	2475 4.2	0. 44. 65
0	1	117WBRampD	AG251441.536925.251575.536894.	2475 4.2	0. 44. 65
1.0	0.4	1000.	0.0Y 5 0 72		

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:37:21.05

RUN: S5 BD1 30 AM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	2225.	4.2	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	3925.	4.2	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	3925.	4.2	.0	68.0	
4. 55	270 NB ETL*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	1425.	4.2	.0	44.0	
5. 55	270 NB ETL*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	1425.	4.2	.0	44.0	
6. 55	270 NB ETL*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	1425.	4.2	.0	44.0	
7. 55	270 SB ETL*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	3525.	4.2	.0	44.0	
8. 55	270 SB ETL*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	3525.	4.2	.0	44.0	
9. 55	270 SB ETL*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	3525.	4.2	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	9025.	4.1	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	9025.	4.1	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	5200.	4.2	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	3825.	2.9	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	3825.	2.9	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	3825.	2.9	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	3825.	2.9	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	3825.	2.9	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	3825.	2.9	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	3825.	2.9	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	3825.	2.9	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	1700.	2.7	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	1700.	2.7	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	1700.	2.7	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	1700.	2.7	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	1700.	2.7	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	1700.	2.7	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	1700.	2.7	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	1700.	2.7	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	1700.	2.7	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	1700.	2.7	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	1700.	2.7	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	1700.	2.7	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	1700.	2.7	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	525.	2.9	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	525.	2.9	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	2800.	2.9	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	525.	2.9	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	525.	2.9	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	525.	2.9	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	255571.7	534524.5	*****	99.	AG	1. 100.0	.0	12.0	9.01 719.0	
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	1175.	2.9	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	1175.	2.9	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	1175.	2.9	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	2975.	2.7	.0	44.0	

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:37:21.05

RUN: S5 BD1 30 AM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	2975.	2.7	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	2975.	2.7	.0	44.0	
47. Th	117WBRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	2975.	2.7	.0	44.0	
48. 0	117WBRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2475.	4.2	.0	44.0	
49. 0	117WBRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2475.	4.2	.0	44.0	
50. 0	117WBRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2475.	4.2	.0	44.0	

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:37:21.05

RUN: S5 BD1 30 AM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	150	1	1.0	1550	177	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B130AM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.3	.4	.2	.1	.4	1.4	.0	.0	.0	.0	.3	.7	.6	.5	.0	.0	.0	.0	.0
5.	*	.0	.4	.4	.1	.1	.4	1.3	.0	.0	.0	.0	.4	1.0	.7	.5	.0	.0	.0	.0	.0
10.	*	.0	.4	.4	.1	.2	.5	1.2	.0	.0	.0	.0	.4	1.0	.7	.6	.0	.0	.0	.0	.0
15.	*	.0	.5	.4	.3	.2	.4	1.1	.0	.0	.0	.0	.5	.9	.9	.6	.0	.0	.0	.0	.0
20.	*	.0	.5	.4	.3	.3	.4	1.1	.0	.0	.0	.1	.5	.9	.9	.7	.0	.0	.0	.0	.0
25.	*	.0	.5	.3	.3	.3	.6	1.2	.0	.0	.0	.1	.5	.9	.9	.8	.1	.0	.0	.0	.0
30.	*	.0	.5	.3	.3	.2	.6	1.0	.0	.0	.1	.2	.5	.9	.9	.9	.1	.0	.0	.0	.0
35.	*	.0	.5	.4	.3	.3	.5	1.0	.0	.1	.1	.2	.5	.9	.9	.8	.1	.0	.0	.0	.0
40.	*	.0	.6	.4	.3	.3	.5	1.0	.0	.1	.1	.2	.5	.9	.9	.8	.1	.0	.0	.0	.0
45.	*	.0	.6	.4	.3	.2	.5	1.0	.1	.1	.2	.2	.5	.9	.8	.8	.2	.0	.0	.0	.0
50.	*	.2	.6	.4	.3	.2	.6	1.0	.1	.1	.2	.2	.5	.9	.8	.8	.3	.0	.0	.0	.0
55.	*	.2	.6	.4	.3	.2	.5	1.0	.1	.2	.2	.2	.5	.8	.8	.8	.4	.0	.0	.0	.0
60.	*	.3	.6	.4	.3	.3	.5	1.0	.1	.2	.2	.2	.5	.8	.8	.8	.4	.0	.0	.0	.0
65.	*	.3	.7	.4	.3	.5	.6	.9	.2	.2	.2	.2	.5	.8	.8	.8	.5	.0	.0	.0	.0
70.	*	.3	.7	.4	.3	.5	.4	.9	.2	.2	.2	.2	.5	.8	.8	.8	.6	.0	.0	.0	.0
75.	*	.3	.5	.3	.3	.5	.4	.7	.2	.2	.2	.2	.5	.8	.8	.8	.7	.0	.0	.0	.0
80.	*	.3	.5	.3	.2	.5	.6	.6	.2	.2	.2	.2	.5	.8	.8	.8	.8	.0	.0	.0	.0
85.	*	.4	.5	.5	.2	.4	.6	.5	.1	.2	.2	.2	.5	.8	.8	.8	.8	.0	.0	.0	.0
90.	*	.5	.5	.4	.3	.3	.5	.4	.1	.2	.2	.2	.5	.8	.8	.8	.8	.0	.0	.0	.0
95.	*	.4	.4	.4	.3	.3	.5	.4	.1	.1	.2	.2	.5	.8	.8	.8	.8	.0	.0	.0	.0
100.	*	.5	.5	.3	.4	.4	.4	.3	.1	.1	.1	.2	.5	.9	.8	.8	.9	.0	.0	.0	.0
105.	*	.3	.4	.3	.3	.3	.4	.4	.2	.2	.2	.3	.5	.9	.8	.8	.9	.0	.0	.0	.0
110.	*	.3	.5	.4	.2	.2	.3	.5	.2	.1	.2	.2	.4	.9	.9	.8	.9	.0	.0	.0	.0
115.	*	.3	.5	.4	.3	.2	.2	.5	.3	.2	.2	.3	.5	.9	.9	.9	.9	.0	.0	.0	.0
120.	*	.4	.4	.4	.4	.2	.3	.6	.3	.2	.3	.5	.5	.9	.9	.9	.9	.0	.0	.0	.0
125.	*	.5	.5	.3	.3	.1	.2	.6	.3	.2	.2	.5	.7	.9	.9	.9	.9	.0	.0	.0	.0
130.	*	.2	.3	.3	.1	.0	.1	.7	.4	.3	.3	.5	.8	1.0	.9	.9	.9	.0	.0	.0	.0
135.	*	.1	.1	.0	.0	.0	.1	.8	.5	.3	.3	.4	.7	.9	1.0	.9	.9	.0	.0	.0	.0
140.	*	.1	.0	.0	.0	.0	.0	.8	.3	.2	.3	.3	.7	.9	.9	1.0	1.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.9	.3	.2	.2	.3	.8	1.0	.9	.9	1.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.8	.5	.2	.1	.2	.5	1.1	.9	.9	1.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.8	.4	.3	.1	.1	.5	.9	.9	1.0	.7	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.7	.4	.3	.1	.1	.4	.7	.7	.8	.6	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.5	.4	.2	.1	.2	.3	.4	.5	.4	.5	.2	.3	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1	.3	.2	.2	.3	.4	.5	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.1	.1	.1	.1	.2	.1	.6	.6	.3	.1
180.	*	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.1	.1	.0	.0	.0	.0	.6	.6	.4	.3
185.	*	.0	.0	.0	.0	.0	.0	.3	.4	.4	.1	.1	.1	.0	.0	.0	.0	.7	.7	.2	.3
190.	*	.0	.0	.0	.0	.0	.0	.3	.4	.4	.2	.2	.1	.0	.0	.0	.0	.6	.7	.4	.3
195.	*	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.2	.1	.0	.0	.0	.0	.6	.7	.4	.1
200.	*	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.2	.1	.0	.0	.0	.0	.6	.6	.4	.2
205.	*	.0	.0	.0	.0	.0	.0	.2	.4	.4	.2	.1	.1	.0	.0	.0	.0	.6	.6	.3	.4

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.2	.3	.4	.2	.1	.1	.0	.0	.0	.0	.6	.6	.3	.4
215.	*	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.1	.0	.0	.0	.0	.0	.6	.6	.3	.3
220.	*	.0	.0	.0	.0	.0	.0	.2	.1	.4	.3	.2	.1	.0	.0	.0	.0	.6	.6	.3	.3
225.	*	.0	.0	.0	.0	.0	.0	.2	.1	.4	.3	.2	.1	.0	.0	.0	.0	.6	.6	.3	.3
230.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.1	.0	.0	.0	.0	.5	.6	.3	.3
235.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.1	.0	.0	.0	.0	.5	.6	.3	.3
240.	*	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.3	.1	.0	.0	.0	.0	.4	.6	.3	.3
245.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.6	.3	.3
250.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.1	.1	.0	.0	.0	.0	.3	.6	.3	.3
255.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.3	.6	.3	.3
260.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3
265.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.3	.3
270.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.5	.3	.3
275.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
280.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
285.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
290.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3
295.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
300.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
305.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

S5B130AM.OUT

310.	*	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
315.	*	.0	.0	.1	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.2	.1	.0	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.2	.1	.0	.1	.8	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
340.	*	.0	.1	.2	.2	.1	.2	1.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
345.	*	.0	.1	.4	.3	.0	.2	1.2	.0	.0	.0	.1	.4	.2	.1	.0	.0	.0	.0
350.	*	.0	.2	.4	.3	.1	.3	1.3	.0	.0	.0	.1	.5	.4	.2	.0	.0	.0	.0
355.	*	.0	.2	.4	.3	.1	.2	1.4	.0	.0	.0	.3	.6	.5	.3	.0	.0	.0	.0
360.	*	.0	.3	.4	.2	.1	.4	1.4	.0	.0	.0	.3	.7	.6	.5	.0	.0	.0	.0
MAX	*	.5	.7	.5	.4	.5	.6	1.4	.5	.4	.3	.5	.8	1.1	1.0	1.0	1.0	.7	.7
DEGR.	*	90	65	85	100	65	25	0	135	170	120	120	145	150	135	140	140	185	185
																		180	205

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.0	.0	.2	.2	.0	.0	.1	.0
5.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
20.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
30.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
45.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
50.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
55.	*	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0
60.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
65.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
70.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
75.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
80.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
85.	*	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
140.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
145.	*	.0	.0	.1	.4	.0	.0	.0	.0	.1	.2
150.	*	.0	.0	.1	.4	.0	.0	.0	.0	.1	.2
155.	*	.0	.0	.1	.4	.0	.0	.0	.1	.3	.4
160.	*	.0	.0	.1	.4	.0	.0	.0	.1	.4	.4
165.	*	.1	.0	.1	.4	.0	.0	.0	.2	.5	.5
170.	*	.0	.0	.1	.4	.0	.0	.1	.2	.6	.6
175.	*	.0	.0	.1	.3	.0	.0	.1	.5	.7	.6
180.	*	.0	.0	.1	.3	.0	.0	.1	.6	.9	.7
185.	*	.2	.0	.1	.3	.0	.0	.3	.8	.8	.7
190.	*	.4	.0	.1	.3	.0	.0	.4	.7	1.0	.7
195.	*	.4	.1	.2	.3	.0	.2	.4	.8	.9	.8
200.	*	.3	.2	.2	.4	.0	.2	.4	.7	1.0	.8
205.	*	.3	.3	.3	.5	.0	.1	.5	.7	1.0	.9

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.2	.2	.4	.5	.1	.2	.5	.8	.9	1.0
215.	*	.2	.2	.5	.5	.1	.2	.5	.9	.9	1.0
220.	*	.2	.1	.5	.6	.1	.2	.5	.7	.9	1.0
225.	*	.4	.1	.5	.7	.1	.3	.6	.8	.9	.9
230.	*	.2	.2	.5	.8	.2	.3	.4	.8	.9	.9
235.	*	.2	.2	.5	.7	.3	.3	.4	.7	.9	1.0
240.	*	.2	.2	.6	.7	.2	.3	.5	.8	.9	1.0
245.	*	.2	.1	.5	.7	.2	.4	.5	.8	.9	1.1
250.	*	.2	.2	.4	.8	.2	.4	.5	.8	1.0	1.1
255.	*	.2	.2	.4	.8	.2	.4	.5	.8	1.0	1.0
260.	*	.2	.2	.3	.7	.2	.4	.5	.8	1.0	.9
265.	*	.2	.2	.3	.5	.2	.3	.4	.8	.9	.9
270.	*	.2	.2	.2	.5	.3	.3	.5	.8	.8	.9
275.	*	.2	.2	.3	.4	.3	.3	.5	.8	.8	1.0
280.	*	.2	.1	.3	.3	.2	.4	.5	.8	1.0	1.1
285.	*	.2	.1	.3	.4	.3	.2	.5	.8	1.0	1.0
290.	*	.1	.0	.3	.3	.3	.4	.4	.8	1.0	1.0
295.	*	.0	.0	.3	.3	.4	.5	.3	.8	1.0	1.2
300.	*	.0	.0	.3	.2	.4	.6	.4	.8	1.1	1.2
305.	*	.0	.0	.3	.1	.3	.5	.4	.8	1.2	1.2
310.	*	.0	.0	.2	.0	.2	.5	.5	.8	1.1	1.2

S5B130AM.OUT

315.	*	.0	.0	.1	.0	.2	.5	.4	.7	1.2	1.2
320.	*	.0	.0	.1	.0	.2	.2	.4	.6	1.2	1.3
325.	*	.0	.0	.1	.0	.2	.2	.4	.5	1.3	1.2
330.	*	.0	.0	.1	.0	.2	.2	.4	.5	1.1	1.2
335.	*	.0	.0	.2	.0	.2	.2	.2	.4	.8	1.0
340.	*	.0	.0	.2	.0	.2	.3	.1	.3	.7	.6
345.	*	.0	.0	.1	.0	.2	.3	.1	.1	.4	.3
350.	*	.0	.0	.1	.0	.2	.3	.1	.0	.2	.2
355.	*	.0	.0	.1	.0	.2	.2	.1	.0	.1	.1
360.	*	.0	.0	.0	.0	.2	.2	.0	.0	.1	.0

MAX * .4 .3 .6 .8 .4 .6 .6 .9 1.3 1.3

DEGR. * 190 205 240 230 295 300 225 215 325 320

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 0 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 325 DEGREES FROM REC29.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 320 DEGREES FROM REC30.

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
 DATE: 12/27/2006 TIME: 10:37:21.05

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1
2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1
10	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1
11	.0	.0	.1	.1	.2	.3	.2	.1	.0	.1	.2	.4	.3	.0	.0	.0	.1	.1	.1	.1
12	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.6	.2	.2	.0	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.1	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 9

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.1	.1	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
 DATE: 12/27/2006 TIME: 10:37:21.05

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28	* REC29	* REC30
1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2	.1	.1	.1	.1	.0	.0	.2	.3	.7	.3

Page 4

S5B130AM.OUT

3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
8	*	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1
9	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
10	*	.1	.1	.0	.1	.0	.0	.1	.2	.0	.0
11	*	.1	.1	.1	.1	.0	.0	.2	.1	.2	.3
12	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.4	.1	.1	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 AM 270/117 RAMPS

PAGE 11

	CO/LINK (PPM)									
	ANGLE (DEGREES)									
LINK #	REC21 190	REC22 205	REC23 240	REC24 230	REC25 295	REC26 300	REC27 225	REC28 215	REC29 325	REC30 320
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B130PM.DAT

S5	BD1	30	I-270 & MD	117	RAMPS	60.0175.0.0000.000300.30480000	11	1

REC 1	SB	ON	RMP	250973.	536973.	5.		
REC 2	SB	ON	RMP	251060.	536903.	5.		
REC 3	SB	ON	RMP	251135.	536823.	5.		
REC 4	SB	ON	RMP	251209.	536705.	5.		
REC 5	SB	ON	RMP	251449.	536369.	5.		
REC 6	SB	ON	RMP	251813.	536056.	5.		
REC 7	SB	ON	RMP	252143.	535829.	5.		
REC 8	117	WB	SB ON	251112.	537090.	5.		
REC 9	117	WB	SB ON	251190.	537085.	5.		
REC 10	117	WB	SB ON	251278.	537081.	5.		
REC 11	117	WB	SB ON	251401.	537074.	5.		
REC 12	I270	SB		251696.	537061.	5.		
REC 13	I270	SB		251755.	537164.	5.		
REC 14	I270	SB		251712.	537290.	5.		
REC 15	I270	SB		251665.	537439.	5.		
REC 16	I270	SB		251593.	537691.	5.		
REC 17	I270	NB		251904.	537827.	5.		
REC 18	I270	NB		251931.	537714.	5.		
REC 19	I270	NB		252113.	537600.	5.		
REC 20	I270	NB	OFF	252256.	537525.	5.		
REC 21	I270	NB	OFF	252435.	537447.	5.		
REC 22	I270	NB	OFF	252620.	537364.	5.		
REC 23	I270	NB	OFF	252614.	536939.	5.		
REC 24	117	WB		252774.	536855.	5.		
REC 25	117	EB		252803.	536749.	5.		
REC 26	117	EB		252606.	536739.	5.		
REC 27	I270	NB		252409.	536647.	5.		
REC 28	I270	NB		252327.	536513.	5.		
REC 29	I270	NB		252351.	536311.	5.		
REC 30	I270	NB		252419.	536138.	5.		

S5	BD1	30	PM	270/117	RAMPS	50	1	1

55	1	270	NB	GPdAG251815.537797.252102.536855.	4825	4.2	0.	68.	66
55	1	270	NB	GPaAG252102.536855.252339.536215.	7925	4.2	0.	68.	66
55	1	270	NB	GP AG252339.536215.252473.535930.	7925	4.2	0.	68.	66
55	1	270	NB	ETLAG251755.537782.252042.536825.	3550	4.2	0.	44.	65
55	1	270	NB	ETLAG252039.536831.252234.536316.	3550	4.2	0.	44.	65
55	1	270	NB	ETLAG252234.536316.252417.535901.	3550	4.2	0.	44.	65
55	1	270	SB	ETLAG252327.535871.252171.536268.	1475	4.2	0.	44.	67
55	1	270	SB	ETLAG252171.536268.251995.536837.	1475	4.2	0.	44.	67
55	1	270	SB	ETLAG251998.536840.251707.537767.	1475	4.2	0.	44.	67
55	1	270	SB	GPdAG252264.535856.252111.536262.	4725	4.2	0.	68.	68
55	1	270	SB	GPdAG252111.536262.251923.536843.	4725	4.2	0.	68.	68
55	1	270	SB	GPaAG251923.536846.251653.537743.	2650	4.2	0.	68.	66
0	1	270	SB	on AG252485.535272.252306.535598.	2075	2.9	0.	44.	40
0	1	270	SB	on AG252306.535598.252117.535876.	2075	2.9	0.	44.	40
0	1	270	SB	on AG252117.535876.251962.536082.	2075	2.9	0.	44.	40
0	1	270	SB	on AG251962.536082.251752.536324.	2075	2.9	0.	44.	40
0	1	270	SB	on AG251752.536324.251549.536537.	2075	2.9	0.	44.	40
0	1	270	SB	on AG251549.536537.251387.536686.	2075	2.9	0.	44.	40
0	1	270	SB	on AG251387.536686.251243.536809.	2075	2.9	0.	44.	40
0	1	270	SB	on AG251243.536809.251055.536956.	2075	2.9	0.	44.	40
0	1	270	NB	offAG252543.536841.252580.537010.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252580.537010.252600.537102.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252600.537102.252594.537191.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252594.537191.252559.537266.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252559.537266.252492.537332.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252492.537332.252435.537364.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252435.537364.252360.537384.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252360.537384.252287.537381.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252287.537381.252194.537348.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252194.537348.252131.537293.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252131.537293.252093.537231.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252093.537231.252073.537178.	3100	2.7	0.	44.	30
0	1	270	NB	offAG252073.537178.252062.536995.	3100	2.7	0.	44.	30
0	1	117EB	apram	AG251565.536870.251357.536919.	925	2.7	0.	32.	40
0	1	117EB	apram	AG251357.536919.251213.536965.	925	2.9	0.	32.	40
0	1	117EB	apAll	AG251213.536965.251064.537016.	1975	2.9	0.	32.	40
0	1	117EB	&270	AG252229.536813.251898.536828.	925	2.9	0.	32.	40

							S5B130PM.DAT
0 1							
0 1	117EB&270	AG251898.	536828.	251687.	536848.	925 2.9	0. 32. 40
0 2	117EB&270	AG251687.	536848.	251559.	536869.	925 2.9	0. 32. 40
LT 110	117WBRampAAG	251613.	536860.	251685.	536848.	0. 12. 1	
0 1		1	1.0 1025	29.1	138 1 3		
0 1	117EBdp	AG253044.	536797.	252769.	536789.	2125 2.9	0. 44. 40
0 1	117EBdp	AG252769.	536789.	252477.	536796.	2125 2.9	0. 44. 40
0 1	117EBdp	AG252477.	536796.	252232.	536814.	2125 2.9	0. 44. 40
0 1	117WBap	AG252062.	536846.	252421.	536827.	1925 2.7	0. 44. 30
0 1	117WBap	AG252421.	536827.	253044.	536841.	1925 2.7	0. 44. 30
0 1	117WBapR	AG251803.	536859.	252062.	536846.	1925 2.7	0. 44. 30
Th 1	117WBRampAAG	251574.	536894.	251804.	536863.	1925 2.7	0. 44. 30
0 1	117WBRampDAG	251067.	537045.	251248.	536976.	2800 4.2	0. 44. 65
0 1	117WBRampDAG	251248.	536976.	251441.	536925.	2800 4.2	0. 44. 65
0 1.0	0.4 1000.	0.0Y 5	0 72			2800 4.2	0. 44. 65
	117WBRampDAG	251441.	536925.	251575.	536894.		

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:38:02.24

RUN: S5 BD1 30 PM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	4825.	4.2	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	7925.	4.2	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	7925.	4.2	.0	68.0	
4. 55	270 NB ETl*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	3550.	4.2	.0	44.0	
5. 55	270 NB ETl*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	3550.	4.2	.0	44.0	
6. 55	270 NB ETl*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	3550.	4.2	.0	44.0	
7. 55	270 SB ETl*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	1475.	4.2	.0	44.0	
8. 55	270 SB ETl*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	1475.	4.2	.0	44.0	
9. 55	270 SB ETl*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	1475.	4.2	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	4725.	4.2	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	4725.	4.2	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	2650.	4.2	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	2075.	2.9	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	2075.	2.9	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	2075.	2.9	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	2075.	2.9	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	2075.	2.9	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	2075.	2.9	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	2075.	2.9	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	2075.	2.9	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	3100.	2.7	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	3100.	2.7	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	3100.	2.7	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	3100.	2.7	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	3100.	2.7	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	3100.	2.7	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	3100.	2.7	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	3100.	2.7	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	3100.	2.7	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	3100.	2.7	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	3100.	2.7	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	3100.	2.7	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	3100.	2.7	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	925.	2.7	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	925.	2.9	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	1975.	2.9	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	925.	2.9	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	925.	2.9	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	925.	2.9	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	250720.2	535336.2	*	9234.	99. AG	1. 100.0	.0	12.0	7.77 469.1	
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	2125.	2.9	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	2125.	2.9	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	2125.	2.9	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	1925.	2.7	.0	44.0	

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:38:02.24

RUN: S5 BD1 30 PM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	1925.	2.7	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	1925.	2.7	.0	44.0	
47. Th	117WBRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	1925.	2.7	.0	44.0	
48. 0	117WBRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2800.	4.2	.0	44.0	
49. 0	117WBRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2800.	4.2	.0	44.0	
50. 0	117WBRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2800.	4.2	.0	44.0	

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
DATE: 12/27/2006 TIME: 10:38:02.24

RUN: S5 BD1 30 PM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	110	1	1.0	1025	138	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B130PM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.2	.2	.0	.4	.9	.0	.0	.0	.0	.1	.6	.3	.2	.0	.0	.0	.0	.0
5.	*	.0	.2	.2	.1	.1	.4	.9	.0	.0	.0	.0	.3	.6	.6	.2	.0	.0	.0	.0	.0
10.	*	.0	.2	.2	.1	.1	.4	.9	.0	.0	.0	.0	.3	.6	.6	.4	.0	.0	.0	.0	.0
15.	*	.0	.3	.2	.1	.0	.4	.9	.0	.0	.0	.0	.4	.8	.6	.5	.0	.0	.0	.0	.0
20.	*	.0	.3	.2	.1	.2	.5	1.0	.0	.0	.0	.0	.4	.8	.7	.5	.0	.0	.0	.0	.0
25.	*	.0	.3	.2	.2	.3	.4	.9	.0	.0	.0	.0	.4	.8	.6	.5	.0	.0	.0	.0	.0
30.	*	.0	.4	.2	.2	.2	.4	.9	.0	.0	.0	.2	.4	.8	.6	.5	.0	.0	.0	.0	.0
35.	*	.0	.4	.3	.3	.2	.5	1.0	.0	.0	.0	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
40.	*	.0	.4	.2	.3	.1	.5	.9	.0	.0	.1	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
45.	*	.1	.4	.3	.2	.1	.5	.9	.0	.0	.1	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
50.	*	.1	.5	.3	.2	.2	.5	.9	.0	.1	.3	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
55.	*	.2	.5	.3	.2	.3	.4	.9	.1	.1	.3	.3	.3	.6	.6	.6	.1	.0	.0	.0	.0
60.	*	.2	.5	.3	.2	.3	.3	.8	.1	.2	.3	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0
65.	*	.2	.5	.3	.2	.3	.4	.7	.1	.2	.3	.3	.3	.6	.6	.6	.5	.0	.0	.0	.0
70.	*	.3	.5	.3	.2	.4	.5	.6	.1	.2	.3	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
75.	*	.4	.5	.3	.1	.4	.4	.6	.1	.2	.3	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
80.	*	.3	.4	.2	.2	.3	.3	.4	.1	.2	.3	.3	.3	.6	.6	.6	.6	.0	.0	.0	.0
85.	*	.4	.3	.1	.3	.3	.3	.3	.1	.2	.3	.3	.3	.6	.6	.6	.6	.0	.0	.0	.0
90.	*	.3	.3	.2	.3	.2	.4	.3	.1	.1	.3	.3	.3	.6	.6	.6	.6	.0	.0	.0	.0
95.	*	.4	.3	.4	.3	.2	.4	.2	.1	.1	.2	.3	.4	.6	.6	.6	.6	.0	.0	.0	.0
100.	*	.3	.4	.4	.2	.2	.3	.2	.0	.0	.1	.3	.4	.6	.6	.6	.6	.0	.0	.0	.0
105.	*	.2	.4	.4	.3	.2	.3	.2	.2	.1	.1	.3	.3	.6	.6	.6	.6	.0	.0	.0	.0
110.	*	.3	.4	.3	.3	.2	.2	.3	.2	.1	.1	.1	.4	.6	.6	.6	.6	.0	.0	.0	.0
115.	*	.3	.4	.3	.2	.2	.2	.3	.4	.3	.2	.2	.4	.8	.6	.6	.7	.0	.0	.0	.0
120.	*	.2	.2	.1	.0	.1	.0	.3	.4	.3	.3	.3	.5	.8	.7	.7	.8	.0	.0	.0	.0
125.	*	.1	.1	.1	.0	.0	.0	.3	.4	.3	.4	.3	.6	.7	.8	.7	.8	.0	.0	.0	.0
130.	*	.1	.1	.0	.0	.0	.0	.4	.3	.3	.4	.3	.5	.7	.8	.8	.8	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.4	.3	.2	.3	.3	.5	.9	.7	.9	.8	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.2	.6	1.0	.9	.7	.9	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.1	.5	.7	.9	.7	.7	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.4	.4	.2	.2	.1	.3	.7	.7	.8	.7	.0	.0	.0	.1
155.	*	.0	.0	.0	.0	.0	.0	.4	.4	.2	.2	.1	.1	.6	.5	.6	.7	.2	.2	.0	.1
160.	*	.0	.0	.0	.0	.0	.0	.3	.5	.2	.2	.2	.1	.4	.3	.4	.5	.3	.3	.1	.1
165.	*	.0	.0	.0	.0	.0	.0	.3	.4	.2	.2	.2	.1	.2	.2	.2	.2	.4	.4	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.1	.0	.1	.1	.2	.1	.5	.6	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.1	.0	.0	.0	.0	.0	.7	.7	.2	.2
180.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.9	.9	.3	.2
185.	*	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.1	.0	.0	.0	.0	.0	.8	.8	.5	.3
190.	*	.0	.0	.0	.0	.0	.0	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.8	.8	.5	.5
195.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.8	.8	.4	.4
200.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.8	.8	.4	.4
205.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.8	.8	.4	.3

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.8	.8	.4	.2
215.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.7	.8	.4	.2
220.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.7	.8	.4	.3
225.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.7	.8	.4	.3
230.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.7	.8	.4	.3
235.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.5	.8	.4	.3
240.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.5	.8	.4	.3
245.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.4	.8	.4	.3
250.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.3	.8	.4	.3
255.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.2	.8	.4	.3
260.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.8	.4	.3
265.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.8	.4	.3
270.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.7	.4	.3
275.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3
280.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.2
285.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.2
290.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2
295.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2
300.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1
305.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1

S5B130PM.OUT

310.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
315.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
325.	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
330.	*	.0	.0	.1	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.1	.1	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
340.	*	.0	.1	.1	.2	.0	.4	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
345.	*	.0	.1	.2	.2	.0	.6	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
350.	*	.0	.1	.2	.2	.0	.1	.9	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
355.	*	.0	.1	.2	.2	.0	.1	.8	.0	.0	.0	.0	.1	.4	.2	.1	.0	.0	.0
360.	*	.0	.2	.2	.2	.0	.4	.9	.0	.0	.0	.0	.1	.6	.3	.2	.0	.0	.0
MAX	*	.4	.5	.4	.3	.4	.5	1.0	.5	.4	.4	.3	.6	1.0	.9	.9	.9	.9	.5
DEGR.	*	75	50	95	35	70	20	20	160	185	125	35	125	140	140	135	140	180	180

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.1	.0	.3	.3	.1	.0	.1	.2
5.	*	.0	.0	.1	.0	.3	.2	.1	.0	.1	.1
10.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.1
15.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1
20.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1
25.	*	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1
30.	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
40.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
45.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
50.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
55.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
60.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
65.	*	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0
70.	*	.0	.0	.0	.1	.3	.3	.0	.0	.0	.0
75.	*	.0	.0	.0	.1	.2	.3	.0	.0	.0	.0
80.	*	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0
85.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
90.	*	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0
95.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
110.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
115.	*	.0	.0	.2	.4	.0	.0	.0	.0	.0	.1
120.	*	.0	.0	.2	.4	.0	.0	.0	.0	.0	.1
125.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
130.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
135.	*	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
140.	*	.1	.0	.1	.3	.0	.0	.0	.0	.1	.2
145.	*	.2	.0	.2	.3	.0	.0	.0	.0	.3	.3
150.	*	.2	.0	.2	.3	.0	.0	.0	.1	.4	.5
155.	*	.2	.0	.2	.3	.0	.0	.0	.1	.5	.7
160.	*	.2	.0	.2	.3	.0	.0	.0	.3	.9	.9
165.	*	.1	.0	.2	.3	.0	.0	.1	.5	1.1	1.1
170.	*	.1	.0	.2	.3	.0	.0	.1	.5	1.3	1.3
175.	*	.2	.0	.2	.3	.0	.0	.1	.6	1.3	1.3
180.	*	.3	.0	.2	.3	.0	.0	.4	.8	1.4	1.3
185.	*	.3	.1	.3	.4	.0	.1	.4	.8	1.5	1.4
190.	*	.2	.2	.3	.3	.0	.1	.5	.9	1.6	1.4
195.	*	.2	.2	.4	.4	.0	.1	.6	.8	1.5	1.3
200.	*	.3	.2	.4	.4	.1	.3	.6	.9	1.6	1.3
205.	*	.3	.2	.5	.4	.1	.4	.5	.9	1.5	1.3

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.4	.3	.4	.5	.1	.4	.5	.9	1.5	1.4
215.	*	.4	.3	.5	.5	.1	.3	.6	.9	1.4	1.3
220.	*	.3	.3	.7	.4	.3	.3	.5	.9	1.4	1.3
225.	*	.4	.3	.7	.4	.2	.2	.5	.9	1.3	1.4
230.	*	.4	.2	.7	.4	.1	.4	.5	.8	1.3	1.4
235.	*	.4	.2	.8	.5	.1	.4	.5	.9	1.3	1.4
240.	*	.3	.2	.7	.7	.1	.4	.5	.9	1.4	1.5
245.	*	.4	.3	.7	.7	.2	.4	.5	.9	1.2	1.5
250.	*	.4	.3	.4	.7	.3	.4	.5	1.1	1.2	1.5
255.	*	.3	.3	.4	.6	.3	.4	.5	1.1	1.3	1.4
260.	*	.2	.3	.3	.6	.3	.4	.5	1.1	1.3	1.4
265.	*	.2	.3	.4	.5	.3	.4	.5	.8	1.3	1.4
270.	*	.2	.3	.4	.3	.3	.4	.5	.9	1.1	1.4
275.	*	.2	.2	.4	.4	.2	.3	.5	1.1	1.4	1.4
280.	*	.2	.2	.4	.3	.4	.2	.5	1.1	1.4	1.4
285.	*	.2	.1	.4	.4	.4	.5	.5	1.1	1.4	1.4
290.	*	.1	.1	.4	.4	.5	.6	.5	1.1	1.5	1.5
295.	*	.1	.1	.4	.3	.5	.4	.6	1.0	1.5	1.5
300.	*	.1	.0	.4	.3	.5	.5	.5	.9	1.6	1.6
305.	*	.0	.0	.4	.1	.5	.4	.5	.9	1.6	1.8
310.	*	.0	.0	.3	.1	.4	.4	.4	.8	1.7	1.9

S5B130PM.OUT

315.	*	.0	.0	.3	.1	.4	.4	.5	1.1	1.6	1.9
320.	*	.0	.0	.3	.0	.3	.3	.5	.9	1.7	1.9
325.	*	.0	.0	.3	.0	.3	.4	.4	.9	1.9	1.9
330.	*	.0	.0	.2	.0	.2	.3	.4	.7	1.7	1.8
335.	*	.0	.0	.2	.0	.2	.3	.2	.5	1.5	1.4
340.	*	.0	.0	.2	.0	.2	.3	.2	.4	1.1	1.2
345.	*	.0	.0	.2	.0	.2	.3	.1	.2	.8	.7
350.	*	.0	.0	.2	.0	.3	.3	.1	.1	.4	.5
355.	*	.0	.0	.2	.0	.3	.3	.1	.0	.2	.2
360.	*	.0	.0	.1	.0	.3	.3	.1	.0	.1	.2

MAX	*	.4	.3	.8	.7	.5	.6	.6	1.1	1.9	1.9
DEGR.	*	210	210	235	240	290	290	195	315	325	310

THE HIGHEST CONCENTRATION IS 1.90 PPM AT 325 DEGREES FROM REC29.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 310 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 315 DEGREES FROM REC28.

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
 DATE: 12/27/2006 TIME: 10:38:02.24

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																		
		REC1 75	REC2 50	REC3 95	REC4 35	REC5 70	REC6 20	REC7 20	REC8 160	REC9 185	REC10 125	REC11 35	REC12 125	REC13 140	REC14 140	REC15 135	REC16 140	REC17 180	REC18 180	REC19 185
1	*	.1	.1	.0	.1	.0	.1	.0	.0	.0	.1	.0	.1	.1	.2	.2	.4	.4	.2	.1
2	*	.0	.0	.1	.0	.1	.1	.2	.0	.1	.0	.2	.2	.2	.1	.1	.0	.1	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.1	.0
5	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.3	.3	.1	.1	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																		
		REC1 75	REC2 50	REC3 95	REC4 35	REC5 70	REC6 20	REC7 20	REC8 160	REC9 185	REC10 125	REC11 35	REC12 125	REC13 140	REC14 140	REC15 135	REC16 140	REC17 180	REC18 180	REC19 185
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.2	.1	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS
 DATE: 12/27/2006 TIME: 10:38:02.24

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 210	REC22 210	REC23 235	REC24 240	REC25 290	REC26 290	REC27 195	REC28 315	REC29 325	REC30 310
1	*	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0
2	*	.1	.1	.2	.1	.0	.1	.3	.6	1.3	.4

Page 4

S5B130PM.OUT

3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.9
4	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
5	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.1
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
43	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0

1

JOB: S5 BD1 30 I-270 & MD 117 RAMPS

RUN: S5 BD1 30 PM 270/117 RAMPS

PAGE 11

LINK #	CO/LINK (PPM)									
	ANGLE (DEGREES)									
	REC21 210	REC22 210	REC23 235	REC24 240	REC25 290	REC26 290	REC27 195	REC28 315	REC29 325	REC30 310
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B230AM.DAT

S5	BD2	30	I-270 & MD	117	RAMPS	60.0175.0.0000.000300.30480000	11	1
REC 1	SB	ON	RMP	250973.	536973.	5.		
REC 2	SB	ON	RMP	251060.	536903.	5.		
REC 3	SB	ON	RMP	251135.	536823.	5.		
REC 4	SB	ON	RMP	251209.	536705.	5.		
REC 5	SB	ON	RMP	251449.	536369.	5.		
REC 6	SB	ON	RMP	251813.	536056.	5.		
REC 7	SB	ON	RMP	252143.	535829.	5.		
REC 8	117	WB	SB ON	251112.	537090.	5.		
REC 9	117	WB	SB ON	251190.	537085.	5.		
REC 10	117	WB	SB ON	251278.	537081.	5.		
REC 11	117	WB	SB ON	251401.	537074.	5.		
REC 12	I270	SB		251696.	537061.	5.		
REC 13	I270	SB		251755.	537164.	5.		
REC 14	I270	SB		251712.	537290.	5.		
REC 15	I270	SB		251665.	537439.	5.		
REC 16	I270	SB		251593.	537691.	5.		
REC 17	I270	NB		251904.	537827.	5.		
REC 18	I270	NB		251931.	537714.	5.		
REC 19	I270	NB		252113.	537600.	5.		
REC 20	I270	NB	OFF	252256.	537525.	5.		
REC 21	I270	NB	OFF	252435.	537447.	5.		
REC 22	I270	NB	OFF	252620.	537364.	5.		
REC 23	I270	NB	OFF	252614.	536939.	5.		
REC 24	117	WB		252774.	536855.	5.		
REC 25	117	EB		252803.	536749.	5.		
REC 26	117	EB		252606.	536739.	5.		
REC 27	I270	NB		252409.	536647.	5.		
REC 28	I270	NB		252327.	536513.	5.		
REC 29	I270	NB		252351.	536311.	5.		
REC 30	I270	NB		252419.	536138.	5.		
S5	BD2	30	AM 270/117	RAMPS		50	1	1
55	1	270	NB	GPdAG251815.537797.252102.536855.	2175	4.1	0.68.	66
55	1	270	NB	GPaAG252102.536855.252339.536215.	3900	4.1	0.68.	68
55	1	270	NB	GP AG252339.536215.252473.535930.	3900	4.1	0.68.	68
55	1	270	NB	ETLAG251755.537782.252042.536825.	1475	4.1	0.44.	63
55	1	270	NB	ETLAG252039.536831.252234.536316.	1475	4.1	0.44.	63
55	1	270	NB	ETLAG252234.536316.252417.535901.	1475	4.1	0.44.	63
55	1	270	SB	ETLAG252327.535871.252171.536268.	3575	3.9	0.44.	60
55	1	270	SB	ETLAG252171.536268.251995.536837.	3575	3.9	0.44.	60
55	1	270	SB	ETLAG251998.536840.251707.537767.	3575	3.9	0.44.	60
55	1	270	SB	GPdAG252264.535856.252111.536262.	9025	3.9	0.68.	63
55	1	270	SB	GPdAG252111.536262.251923.536843.	9025	3.9	0.68.	63
55	1	270	SB	GPaAG251923.536846.251653.537743.	5175	4.0	0.68.	62
0	1	270	SB	on AG252485.535272.252306.535598.	3850	4.0	0.44.	62
0	1	270	SB	on AG252306.535598.252117.535876.	3850	4.0	0.44.	62
0	1	270	SB	on AG252117.535876.251962.536082.	3850	4.0	0.44.	62
0	1	270	SB	on AG251962.536082.251752.536324.	3850	4.0	0.44.	62
0	1	270	SB	on AG251752.536324.251549.536537.	3850	4.0	0.44.	62
0	1	270	SB	on AG251549.536537.251387.536686.	3850	4.0	0.44.	62
0	1	270	SB	on AG251387.536686.251243.536809.	3850	4.0	0.44.	62
0	1	270	SB	on AG251243.536809.251055.536956.	3850	4.0	0.44.	62
0	1	270	NB	offAG252543.536841.252580.537010.	1725	2.6	0.44.	30
0	1	270	NB	offAG252580.537010.252600.537102.	1725	2.6	0.44.	30
0	1	270	NB	offAG252600.537102.252594.537191.	1725	2.6	0.44.	30
0	1	270	NB	offAG252594.537191.252559.537266.	1725	2.6	0.44.	30
0	1	270	NB	offAG252559.537266.252492.537332.	1725	2.6	0.44.	30
0	1	270	NB	offAG252492.537332.252435.537364.	1725	2.6	0.44.	30
0	1	270	NB	offAG252435.537364.252360.537384.	1725	2.6	0.44.	30
0	1	270	NB	offAG252360.537384.252287.537381.	1725	2.6	0.44.	30
0	1	270	NB	offAG252287.537381.252194.537348.	1725	2.6	0.44.	30
0	1	270	NB	offAG252194.537348.252131.537293.	1725	2.6	0.44.	30
0	1	270	NB	offAG252131.537293.252093.537231.	1725	2.6	0.44.	30
0	1	270	NB	offAG252093.537231.252073.537178.	1725	2.6	0.44.	30
0	1	270	NB	offAG252073.537178.252062.536995.	1725	2.6	0.44.	30
0	1	117	EB	apramAG251565.536870.251357.536919.	525	2.6	0.32.	30
0	1	117	EB	apramAG251357.536919.251213.536965.	525	2.6	0.32.	30
0	1	117	EB	apAllAG251213.536965.251064.537016.	2825	2.6	0.32.	30
0	1	117	EB	&270 AG252229.536813.251898.536828.	525	2.6	0.32.	30

		S5B230AM.DAT									
0	1	117EB&270	AG251898.536828.251687.536848.	525	2.6	0.	32.	30			
0	1	117EB&270	AG251687.536848.251559.536869.	525	2.6	0.	32.	30			
LT	2	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1					
	150	1	1.0 1550 29.1 177 1 3								
0	1	117EBdp	AG253044.536797.252769.536789.	1175	2.6	0.	44.	30			
0	1	117EBdp	AG252769.536789.252477.536796.	1175	2.6	0.	44.	30			
0	1	117EBdp	AG252477.536796.252232.536814.	1175	2.6	0.	44.	30			
0	1	117WBap	AG252062.536846.252421.536827.	2975	2.8	0.	44.	40			
0	1	117WBap	AG252421.536827.253044.536841.	2975	2.8	0.	44.	40			
0	1	117WBapR	AG251803.536859.252062.536846.	2975	2.8	0.	44.	40			
Th	1	117WBRampA	AG251574.536894.251804.536863.	2975	2.8	0.	44.	40			
	1	117WBRampD	AG251067.537045.251248.536976.	2500	2.8	0.	44.	40			
0	1	117WBRampD	AG251248.536976.251441.536925.	2500	2.8	0.	44.	40			
0	1	117WBRampD	AG251441.536925.251575.536894.	2500	2.8	0.	44.	40			
1.0	0.4	1000.	0.0Y 5 0 72								

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/20/2007 TIME: 00:37:51.11

RUN: S5 BD2 30 AM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	2175.	4.1	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	3900.	4.1	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	3900.	4.1	.0	68.0	
4. 55	270 NB ETl*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	1475.	4.1	.0	44.0	
5. 55	270 NB ETl*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	1475.	4.1	.0	44.0	
6. 55	270 NB ETl*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	1475.	4.1	.0	44.0	
7. 55	270 SB ETl*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	3575.	3.9	.0	44.0	
8. 55	270 SB ETl*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	3575.	3.9	.0	44.0	
9. 55	270 SB ETl*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	3575.	3.9	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	9025.	3.9	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	9025.	3.9	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	5175.	4.0	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	3850.	4.0	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	3850.	4.0	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	3850.	4.0	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	3850.	4.0	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	3850.	4.0	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	3850.	4.0	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	3850.	4.0	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	3850.	4.0	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	1725.	2.6	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	1725.	2.6	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	1725.	2.6	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	1725.	2.6	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	1725.	2.6	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	1725.	2.6	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	1725.	2.6	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	1725.	2.6	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	1725.	2.6	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	1725.	2.6	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	1725.	2.6	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	1725.	2.6	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	1725.	2.6	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	525.	2.6	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	525.	2.6	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	2825.	2.6	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	525.	2.6	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	525.	2.6	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	525.	2.6	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	255571.7	534524.5	*****	99.	AG	1. 100.0	.0	12.0	9.01 719.0	
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	1175.	2.6	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	1175.	2.6	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	1175.	2.6	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	2975.	2.8	.0	44.0	

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/20/2007 TIME: 00:37:51.11

RUN: S5 BD2 30 AM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	2975.	2.8	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	2975.	2.8	.0	44.0	
47. Th	117WBapRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	2975.	2.8	.0	44.0	
48. 0	117WBapRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2500.	2.8	.0	44.0	
49. 0	117WBapRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2500.	2.8	.0	44.0	
50. 0	117WBapRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2500.	2.8	.0	44.0	

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/20/2007 TIME: 00:37:51.11

RUN: S5 BD2 30 AM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	150	1	1.0	1550	177	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B230AM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.3	.5	.2	.1	.5	1.6	.0	.0	.0	.0	.3	.6	.5	.4	.0	.0	.0	.0	.0
5.	*	.0	.4	.5	.2	.1	.5	1.4	.0	.0	.0	.0	.3	.8	.6	.5	.0	.0	.0	.0	.0
10.	*	.0	.5	.5	.2	.2	.5	1.3	.0	.0	.0	.0	.4	.9	.7	.5	.0	.0	.0	.0	.0
15.	*	.0	.6	.5	.2	.2	.5	1.2	.0	.0	.0	.0	.5	.9	.9	.5	.0	.0	.0	.0	.0
20.	*	.0	.6	.5	.2	.3	.5	1.1	.0	.0	.0	.1	.5	.9	.9	.7	.0	.0	.0	.0	.0
25.	*	.0	.6	.4	.3	.3	.6	1.2	.0	.0	.0	.1	.5	.9	.9	.7	.1	.0	.0	.0	.0
30.	*	.0	.6	.3	.3	.4	.6	1.1	.0	.0	.1	.2	.5	.9	.9	.8	.1	.0	.0	.0	.0
35.	*	.0	.6	.4	.3	.4	.6	1.1	.0	.0	.1	.2	.5	.9	.8	.8	.1	.0	.0	.0	.0
40.	*	.0	.7	.4	.3	.3	.6	1.1	.0	.1	.1	.2	.4	.8	.8	.8	.1	.0	.0	.0	.0
45.	*	.0	.7	.4	.3	.2	.6	1.1	.1	.1	.2	.2	.4	.8	.8	.8	.2	.0	.0	.0	.0
50.	*	.1	.7	.5	.3	.2	.7	1.1	.1	.1	.2	.2	.4	.8	.8	.8	.3	.0	.0	.0	.0
55.	*	.2	.7	.5	.3	.2	.5	1.1	.1	.1	.2	.2	.4	.8	.8	.8	.4	.0	.0	.0	.0
60.	*	.2	.7	.5	.3	.2	.5	1.0	.1	.2	.2	.2	.4	.8	.8	.8	.4	.0	.0	.0	.0
65.	*	.3	.7	.5	.3	.4	.6	1.0	.1	.2	.2	.2	.4	.8	.8	.8	.5	.0	.0	.0	.0
70.	*	.3	.5	.4	.3	.5	.4	.9	.1	.2	.2	.2	.4	.8	.8	.8	.6	.0	.0	.0	.0
75.	*	.3	.6	.4	.3	.5	.5	.8	.1	.2	.2	.2	.4	.8	.8	.8	.6	.0	.0	.0	.0
80.	*	.3	.7	.4	.3	.5	.6	.7	.1	.2	.2	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0
85.	*	.4	.7	.5	.3	.3	.6	.6	.1	.2	.2	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0
90.	*	.4	.5	.5	.4	.2	.5	.5	.1	.1	.2	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0
95.	*	.3	.6	.4	.3	.4	.6	.6	.1	.1	.2	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0
100.	*	.3	.6	.5	.3	.4	.5	.5	.1	.1	.1	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0
105.	*	.4	.7	.4	.3	.3	.5	.6	.1	.2	.2	.1	.4	.8	.8	.8	.8	.0	.0	.0	.0
110.	*	.4	.6	.5	.2	.2	.4	.6	.1	.1	.2	.2	.3	.9	.8	.8	.8	.0	.0	.0	.0
115.	*	.5	.6	.5	.4	.2	.3	.7	.2	.1	.2	.3	.4	.9	.8	.8	.9	.0	.0	.0	.0
120.	*	.5	.6	.5	.4	.2	.3	.8	.3	.2	.2	.4	.5	.9	.9	.9	.9	.0	.0	.0	.0
125.	*	.5	.6	.4	.3	.2	.2	.8	.3	.2	.1	.5	.7	.9	.9	.9	.9	.0	.0	.0	.0
130.	*	.3	.5	.4	.2	.0	.2	.9	.4	.2	.1	.5	.8	1.0	.9	.9	.9	.0	.0	.0	.0
135.	*	.1	.2	.2	.0	.0	.1	1.1	.3	.3	.3	.3	.6	.8	1.0	.9	.9	.0	.0	.0	.0
140.	*	.1	.1	.0	.0	.0	.1	1.1	.3	.2	.3	.3	.7	.9	.9	1.0	.9	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	1.1	.3	.1	.1	.3	.8	.9	.9	.9	.9	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	1.1	.5	.4	.1	.2	.5	1.1	.9	.8	.8	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	1.0	.5	.2	.2	.1	.4	.9	.9	1.0	.6	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.9	.5	.2	.3	.1	.4	.7	.6	.7	.6	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.7	.4	.3	.2	.1	.2	.4	.5	.3	.4	.2	.3	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.2	.1	.3	.2	.2	.2	.3	.4	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.5	.4	.3	.2	.2	.1	.1	.1	.1	.1	.6	.6	.3	.1
180.	*	.0	.0	.0	.0	.0	.0	.4	.4	.3	.2	.2	.1	.0	.0	.0	.0	.6	.6	.4	.3
185.	*	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.7	.6	.2	.3
190.	*	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.6	.7	.4	.2
195.	*	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.2	.1	.1	.0	.0	.0	.6	.6	.4	.1
200.	*	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	.6	.6	.4	.2
205.	*	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.0	.0	.0	.0	.6	.6	.3	.4

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.0	.0	.0	.0	.6	.6	.3	.4
215.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.2	.2	.0	.0	.0	.0	.0	.6	.6	.3	.3
220.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.0	.0	.0	.0	.0	.5	.6	.3	.3
225.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.0	.0	.0	.0	.0	.5	.6	.3	.3
230.	*	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.2	.0	.0	.0	.0	.0	.5	.6	.3	.3
235.	*	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.2	.0	.0	.0	.0	.0	.4	.6	.3	.3
240.	*	.0	.0	.0	.0	.0	.0	.3	.0	.2	.3	.1	.0	.0	.0	.0	.0	.4	.6	.3	.3
245.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.6	.3	.3
250.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.6	.3	.3
255.	*	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.6	.3	.3
260.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3
265.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
270.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
275.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
280.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3
285.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
290.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2
295.	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
300.	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
305.	*	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

S5B230AM.OUT

310.	*	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
315.	*	.0	.0	.1	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.1	.2	.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.2	.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.3	.2	.1	1.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
340.	*	.0	.2	.3	.2	.1	1.3	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
345.	*	.0	.2	.3	.2	.2	1.3	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0
350.	*	.0	.2	.4	.2	.2	1.5	.0	.0	.0	.0	.1	.5	.4	.2	.0	.0	.0	.0
355.	*	.0	.3	.5	.2	.1	1.5	.0	.0	.0	.0	.2	.6	.5	.3	.0	.0	.0	.0
360.	*	.0	.3	.5	.2	.1	1.6	.0	.0	.0	.0	.3	.6	.5	.4	.0	.0	.0	.0
MAX		.5	.7	.5	.4	.5	1.6	.5	.4	.3	.5	.8	1.1	1.0	1.0	.9	.7	.7	.4
DEGR.	*	115	40	0	90	70	50	0	150	150	135	125	145	150	135	140	115	185	190
																			205

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	*	.0	.0	.0	.0	.2	.2	.0	.0	.1	.0
5.	*	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
20.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
30.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
45.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
50.	*	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
55.	*	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0
60.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
65.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
70.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
75.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
80.	*	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0
85.	*	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0
90.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
140.	*	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
145.	*	.0	.0	.1	.4	.0	.0	.0	.0	.1	.2
150.	*	.0	.0	.1	.4	.0	.0	.0	.0	.1	.2
155.	*	.0	.0	.1	.4	.0	.0	.0	.1	.3	.3
160.	*	.0	.0	.1	.4	.0	.0	.0	.1	.4	.4
165.	*	.0	.0	.1	.4	.0	.0	.0	.2	.5	.5
170.	*	.0	.0	.1	.3	.0	.0	.1	.2	.6	.6
175.	*	.0	.0	.1	.3	.0	.0	.1	.4	.7	.6
180.	*	.0	.0	.1	.3	.0	.0	.1	.6	.9	.8
185.	*	.2	.0	.1	.3	.0	.0	.3	.8	.8	.8
190.	*	.4	.0	.1	.3	.0	.0	.4	.7	1.1	.7
195.	*	.4	.1	.2	.3	.0	.1	.4	.7	1.0	.8
200.	*	.3	.2	.2	.3	.0	.2	.4	.7	1.1	.9
205.	*	.3	.2	.3	.5	.0	.1	.4	.6	1.0	.9

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	*	.2	.2	.4	.5	.1	.2	.5	.8	.9	1.0
215.	*	.2	.2	.5	.5	.1	.2	.5	.8	1.0	1.0
220.	*	.2	.1	.5	.6	.1	.2	.5	.7	1.0	1.0
225.	*	.1	.1	.4	.6	.1	.3	.5	.8	1.0	1.0
230.	*	.2	.2	.5	.8	.2	.3	.4	.9	1.0	.9
235.	*	.2	.2	.5	.7	.3	.3	.4	.8	.9	1.0
240.	*	.2	.1	.6	.7	.2	.3	.4	.9	.9	1.1
245.	*	.2	.1	.6	.7	.2	.3	.4	.8	1.0	1.1
250.	*	.2	.1	.4	.8	.2	.4	.4	.8	1.0	1.1
255.	*	.2	.1	.4	.8	.2	.4	.4	.8	1.1	1.0
260.	*	.2	.1	.3	.7	.2	.3	.4	.8	1.1	1.0
265.	*	.2	.1	.4	.7	.2	.3	.4	.8	1.0	.9
270.	*	.2	.1	.2	.6	.2	.2	.4	.8	.8	1.0
275.	*	.2	.1	.3	.4	.3	.3	.4	.8	.8	1.0
280.	*	.2	.1	.3	.3	.2	.3	.4	.8	.9	1.2
285.	*	.1	.1	.3	.3	.3	.2	.4	.8	1.0	1.1
290.	*	.0	.0	.3	.2	.3	.4	.4	.8	1.0	1.0
295.	*	.0	.0	.3	.2	.3	.4	.3	.8	1.0	1.2
300.	*	.0	.0	.3	.2	.3	.5	.4	.7	1.0	1.2
305.	*	.0	.0	.2	.1	.3	.5	.4	.8	1.0	1.2
310.	*	.0	.0	.1	.0	.2	.5	.5	.8	1.1	1.1

S5B230AM.OUT

315.	*	.0	.0	.1	.0	.1	.3	.4	.7	1.2	1.2
320.	*	.0	.0	.1	.0	.1	.2	.4	.6	1.1	1.3
325.	*	.0	.0	.1	.0	.2	.2	.4	.5	1.1	1.2
330.	*	.0	.0	.1	.0	.2	.2	.4	.5	1.1	1.2
335.	*	.0	.0	.2	.0	.2	.2	.1	.4	.8	1.0
340.	*	.0	.0	.2	.0	.2	.3	.1	.4	.7	.5
345.	*	.0	.0	.1	.0	.2	.3	.1	.2	.3	.3
350.	*	.0	.0	.1	.0	.2	.3	.1	.1	.2	.2
355.	*	.0	.0	.1	.0	.2	.2	.1	.1	.1	.1
360.	*	.0	.0	.0	.0	.2	.2	.0	.0	.1	.0

MAX * .4 .2 .6 .8 .3 .5 .5 .9 1.2 1.3

DEGR. * 190 200 240 230 235 300 210 230 315 320

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 0 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 320 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 315 DEGREES FROM REC29.

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
 DATE: 01/20/2007 TIME: 00:37:51.11

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)				REC4 90	REC5 70	REC6 50	REC7 0	REC8 150	REC9 150	REC10 135	REC11 125	REC12 145	REC13 150	REC14 135	REC15 140	REC16 115	REC17 185	REC18 190	REC19 180	REC20 205
		REC1 115	REC2 40	REC3 0																		
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	
2	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	
10	*	.0	.0	.0	.0	.0	.1	.4	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	
11	*	.1	.0	.0	.1	.2	.2	.2	.0	.0	.1	.2	.3	.3	.0	.0	.0	.1	.1	.1	.1	
12	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.5	.5	.2	.2	.0	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.1	.0	.0	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.3	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)				REC4 90	REC5 70	REC6 50	REC7 0	REC8 150	REC9 150	REC10 135	REC11 125	REC12 145	REC13 150	REC14 135	REC15 140	REC16 115	REC17 185	REC18 190	REC19 180	REC20 205
		REC1 115	REC2 40	REC3 0																		
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
 DATE: 01/20/2007 TIME: 00:37:51.11

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)				REC24 230	REC25 235	REC26 300	REC27 210	REC28 230	REC29 315	REC30 320
		REC21 190	REC22 200	REC23 240								
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.1	.1	.1	.1	.0	.2	.3	.6	.3	.3

Page 4

S5B230AM.OUT

3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1
9	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
10	*	.1	.1	.0	.1	.1	.0	.2	.1	.0	.0
11	*	.1	.0	.1	.1	.1	.0	.1	.2	.3	.3
12	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.4	.0	.1	.0	.0	.0	.0

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 AM 270/117 RAMPS

PAGE 11

LINK #	CO/LINK (PPM)									
	ANGLE (DEGREES)									
	REC21 190	REC22 200	REC23 240	REC24 230	REC25 235	REC26 300	REC27 210	REC28 230	REC29 315	REC30 320
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

S5B230PM.DAT

S5 BD2 30 I-270 & MD 117 RAMPS	60.0175.0.0000.000300.30480000	11	1

REC 1	SB ON RMP	250973.	536973.	5.
REC 2	SB ON RMP	251060.	536903.	5.
REC 3	SB ON RMP	251135.	536823.	5.
REC 4	SB ON RMP	251209.	536705.	5.
REC 5	SB ON RMP	251449.	536369.	5.
REC 6	SB ON RMP	251813.	536056.	5.
REC 7	SB ON RMP	252143.	535829.	5.
REC 8	117 WB SB ON	251112.	537090.	5.
REC 9	117 WB SB ON	251190.	537085.	5.
REC 10	117 WB SB ON	251278.	537081.	5.
REC 11	117 WB SB ON	251401.	537074.	5.
REC 12	I270 SB	251696.	537061.	5.
REC 13	I270 SB	251755.	537164.	5.
REC 14	I270 SB	251712.	537290.	5.
REC 15	I270 SB	251665.	537439.	5.
REC 16	I270 SB	251593.	537691.	5.
REC 17	I270 NB	251904.	537827.	5.
REC 18	I270 NB	251931.	537714.	5.
REC 19	I270 NB	252113.	537600.	5.
REC 20	I270 NB OFF	252256.	537525.	5.
REC 21	I270 NB OFF	252435.	537447.	5.
REC 22	I270 NB OFF	252620.	537364.	5.
REC 23	I270 NB OFF	252614.	536939.	5.
REC 24	117 WB	252774.	536855.	5.
REC 25	117 EB	252803.	536749.	5.
REC 26	117 EB	252606.	536739.	5.
REC 27	I270 NB	252409.	536647.	5.
REC 28	I270 NB	252327.	536513.	5.
REC 29	I270 NB	252351.	536311.	5.
REC 30	I270 NB	252419.	536138.	5.

S5 BD2 30 PM 270/117 RAMPS 50 1 1

1	55	270 NB GPdAG251815.537797.252102.536855.	4550 4.1 0. 68.	63
1	55	270 NB GPaAG252102.536855.252339.536215.	7675 4.1 0. 68.	63
1	55	270 NB GP AG252339.536215.252473.535930.	7675 4.1 0. 68.	63
1	55	270 NB ETLAG251755.537782.252042.536825.	3550 3.8 0. 44.	60
1	55	270 NB ETLAG252039.536831.252234.536316.	3550 3.8 0. 44.	60
1	55	270 NB ETLAG252234.536316.252417.535901.	3550 3.8 0. 44.	60
1	55	270 SB ETLAG252327.535871.252171.536268.	1525 3.9 0. 44.	63
1	55	270 SB ETLAG252171.536268.251995.536837.	1525 4.1 0. 44.	63
1	55	270 SB ETLAG251998.536840.251707.537767.	1525 4.1 0. 44.	63
1	55	270 SB GPdAG252264.535856.252111.536262.	4500 4.2 0. 68.	67
1	55	270 SB GPdAG252111.536262.251923.536843.	4500 4.2 0. 68.	67
1	270 SB GPaAG251923.536846.251653.537743.	2425 4.2 0. 68.	66	
0	270 SB on AG252485.535272.252306.535598.	2075 4.2 0. 44.	66	
0	270 SB on AG252306.535598.252117.535876.	2075 4.2 0. 44.	66	
0	270 SB on AG252117.535876.251962.536082.	2075 4.2 0. 44.	66	
0	270 SB on AG251962.536082.251752.536324.	2075 4.2 0. 44.	66	
0	270 SB on AG251752.536324.251549.536537.	2075 4.2 0. 44.	66	
0	270 SB on AG251549.536537.251387.536686.	2075 4.2 0. 44.	66	
0	270 SB on AG251387.536686.251243.536809.	2075 4.2 0. 44.	66	
0	270 SB on AG251243.536809.251055.536956.	2075 4.2 0. 44.	66	
0	270 NB offAG252543.536841.252580.537010.	3125 2.6 0. 44.	30	
0	270 NB offAG252580.537010.252600.537102.	3125 2.6 0. 44.	30	
0	270 NB offAG252600.537102.252594.537191.	3125 2.6 0. 44.	30	
0	270 NB offAG252594.537191.252559.537266.	3125 2.6 0. 44.	30	
0	270 NB offAG252559.537266.252492.537332.	3125 2.6 0. 44.	30	
0	270 NB offAG252492.537332.252435.537364.	3125 2.6 0. 44.	30	
0	270 NB offAG252435.537364.252360.537384.	3125 2.6 0. 44.	30	
0	270 NB offAG252360.537384.252287.537381.	3125 2.6 0. 44.	30	
0	270 NB offAG252287.537381.252194.537348.	3125 2.6 0. 44.	30	
0	270 NB offAG252194.537348.252131.537293.	3125 2.6 0. 44.	30	
0	270 NB offAG252131.537293.252093.537231.	3125 2.6 0. 44.	30	
0	270 NB offAG252093.537231.252073.537178.	3125 2.6 0. 44.	30	
0	270 NB offAG252073.537178.252062.536995.	3125 2.6 0. 44.	30	
0	117EBapramAG251565.536870.251357.536919.	925 2.6 0. 32.	30	
0	117EBapramAG251357.536919.251213.536965.	925 2.6 0. 32.	30	
0	117EBapAllAG251213.536965.251064.537016.	1975 2.6 0. 32.	30	
0	117EB&270 AG252229.536813.251898.536828.	925 2.6 0. 32.	30	

		S5B230PM.DAT									
0	1	117EB&270	AG251898.536828.251687.536848.	925	2.6	0.	32.	30			
0	1	117EB&270	AG251687.536848.251559.536869.	925	2.6	0.	32.	30			
LT	2	117WBRampA	AG251613.536860.251685.536848.	0.	12.	1					
	110	1	1.0 1025 29.1 138 1 3								
0	1	117EBdp	AG253044.536797.252769.536789.	2125	2.6	0.	44.	30			
0	1	117EBdp	AG252769.536789.252477.536796.	2125	2.6	0.	44.	30			
0	1	117EBdp	AG252477.536796.252232.536814.	2125	2.6	0.	44.	30			
0	1	117WBap	AG252062.536846.252421.536827.	1925	2.8	0.	44.	40			
0	1	117WBap	AG252421.536827.253044.536841.	1925	2.8	0.	44.	40			
0	1	117WBapR	AG251803.536859.252062.536846.	1925	2.8	0.	44.	40			
Th	1	117WBRampA	AG251574.536894.251804.536863.	1925	2.8	0.	44.	40			
	1	117WBRampD	AG251067.537045.251248.536976.	2825	2.8	0.	44.	40			
0	1	117WBRampD	AG251248.536976.251441.536925.	2825	2.8	0.	44.	40			
0	1	117WBRampD	AG251441.536925.251575.536894.	2825	2.8	0.	44.	40			
1.0	0.4	1000.	0.0Y 5 0 72								

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/18/2007 TIME: 14:10:26.27

RUN: S5 BD2 30 PM 270/117 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 55	270 NB GpD*	251815.0	537797.0	252102.0	536855.0	*	985.	163. AG	4550.	4.1	.0	68.0	
2. 55	270 NB GPa*	252102.0	536855.0	252339.0	536215.0	*	682.	160. AG	7675.	4.1	.0	68.0	
3. 55	270 NB GP*	252339.0	536215.0	252473.0	535930.0	*	315.	155. AG	7675.	4.1	.0	68.0	
4. 55	270 NB ETL*	251755.0	537782.0	252042.0	536825.0	*	999.	163. AG	3550.	3.8	.0	44.0	
5. 55	270 NB ETL*	252039.0	536831.0	252234.0	536316.0	*	551.	159. AG	3550.	3.8	.0	44.0	
6. 55	270 NB ETL*	252234.0	536316.0	252417.0	535901.0	*	454.	156. AG	3550.	3.8	.0	44.0	
7. 55	270 SB ETL*	252327.0	535871.0	252171.0	536268.0	*	427.	339. AG	1525.	3.9	.0	44.0	
8. 55	270 SB ETL*	252171.0	536268.0	251995.0	536837.0	*	596.	343. AG	1525.	4.1	.0	44.0	
9. 55	270 SB ETL*	251998.0	536840.0	251707.0	537767.0	*	972.	343. AG	1525.	4.1	.0	44.0	
10. 55	270 SB GpD*	252264.0	535856.0	252111.0	536262.0	*	434.	339. AG	4500.	4.2	.0	68.0	
11. 55	270 SB GpD*	252111.0	536262.0	251923.0	536843.0	*	611.	342. AG	4500.	4.2	.0	68.0	
12. 0	270 SB GPa*	251923.0	536846.0	251653.0	537743.0	*	937.	343. AG	2425.	4.2	.0	68.0	
13. 0	270 SB on*	252485.0	535272.0	252306.0	535598.0	*	372.	331. AG	2075.	4.2	.0	44.0	
14. 0	270 SB on*	252306.0	535598.0	252117.0	535876.0	*	336.	326. AG	2075.	4.2	.0	44.0	
15. 0	270 SB on*	252117.0	535876.0	251962.0	536082.0	*	258.	323. AG	2075.	4.2	.0	44.0	
16. 0	270 SB on*	251962.0	536082.0	251752.0	536324.0	*	320.	319. AG	2075.	4.2	.0	44.0	
17. 0	270 SB on*	251752.0	536324.0	251549.0	536537.0	*	294.	316. AG	2075.	4.2	.0	44.0	
18. 0	270 SB on*	251549.0	536537.0	251387.0	536686.0	*	220.	313. AG	2075.	4.2	.0	44.0	
19. 0	270 SB on*	251387.0	536686.0	251243.0	536809.0	*	189.	311. AG	2075.	4.2	.0	44.0	
20. 0	270 SB on*	251243.0	536809.0	251055.0	536956.0	*	239.	308. AG	2075.	4.2	.0	44.0	
21. 0	270 NB off*	252543.0	536841.0	252580.0	537010.0	*	173.	12. AG	3125.	2.6	.0	44.0	
22. 0	270 NB off*	252580.0	537010.0	252600.0	537102.0	*	94.	12. AG	3125.	2.6	.0	44.0	
23. 0	270 NB off*	252600.0	537102.0	252594.0	537191.0	*	89.	356. AG	3125.	2.6	.0	44.0	
24. 0	270 NB off*	252594.0	537191.0	252559.0	537266.0	*	83.	335. AG	3125.	2.6	.0	44.0	
25. 0	270 NB off*	252559.0	537266.0	252492.0	537332.0	*	94.	315. AG	3125.	2.6	.0	44.0	
26. 0	270 NB off*	252492.0	537332.0	252435.0	537364.0	*	65.	299. AG	3125.	2.6	.0	44.0	
27. 0	270 NB off*	252435.0	537364.0	252360.0	537384.0	*	78.	285. AG	3125.	2.6	.0	44.0	
28. 0	270 NB off*	252360.0	537384.0	252287.0	537381.0	*	73.	268. AG	3125.	2.6	.0	44.0	
29. 0	270 NB off*	252287.0	537381.0	252194.0	537348.0	*	99.	250. AG	3125.	2.6	.0	44.0	
30. 0	270 NB off*	252194.0	537348.0	252131.0	537293.0	*	84.	229. AG	3125.	2.6	.0	44.0	
31. 0	270 NB off*	252131.0	537293.0	252093.0	537231.0	*	73.	212. AG	3125.	2.6	.0	44.0	
32. 0	270 NB off*	252093.0	537231.0	252073.0	537178.0	*	57.	201. AG	3125.	2.6	.0	44.0	
33. 0	270 NB off*	252073.0	537178.0	252062.0	536995.0	*	183.	183. AG	3125.	2.6	.0	44.0	
34. 0	117EBapram*	251565.0	536870.0	251357.0	536919.0	*	214.	283. AG	925.	2.6	.0	32.0	
35. 0	117EBapram*	251357.0	536919.0	251213.0	536965.0	*	151.	288. AG	925.	2.6	.0	32.0	
36. 0	117EBapAll*	251213.0	536965.0	251064.0	537016.0	*	158.	289. AG	1975.	2.6	.0	32.0	
37. 0	117EB&270*	252229.0	536813.0	251898.0	536828.0	*	331.	273. AG	925.	2.6	.0	32.0	
38. 0	117EB&270*	251898.0	536828.0	251687.0	536848.0	*	212.	275. AG	925.	2.6	.0	32.0	
39. 0	117EB&270*	251687.0	536848.0	251559.0	536869.0	*	130.	279. AG	925.	2.6	.0	32.0	
40. LT	117WBRampA*	251613.0	536860.0	250720.2	535336.2	*	9234.	99. AG	1. 100.0	.0	12.0	7.77 469.1	
41. 0	117EBdp*	253044.0	536797.0	252769.0	536789.0	*	275.	268. AG	2125.	2.6	.0	44.0	
42. 0	117EBdp*	252769.0	536789.0	252477.0	536796.0	*	292.	271. AG	2125.	2.6	.0	44.0	
43. 0	117EBdp*	252477.0	536796.0	252232.0	536814.0	*	246.	274. AG	2125.	2.6	.0	44.0	
44. 0	117WBap*	252062.0	536846.0	252421.0	536827.0	*	359.	93. AG	1925.	2.8	.0	44.0	

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/18/2007 TIME: 14:10:26.27

RUN: S5 BD2 30 PM 270/117 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	117WBap*	252421.0	536827.0	253044.0	536841.0	*	623.	89. AG	1925.	2.8	.0	44.0	
46. 0	117WBapR*	251803.0	536859.0	252062.0	536846.0	*	259.	93. AG	1925.	2.8	.0	44.0	
47. Th	117WBapRampA*	251574.0	536894.0	251804.0	536863.0	*	232.	98. AG	1925.	2.8	.0	44.0	
48. 0	117WBapRampD*	251067.0	537045.0	251248.0	536976.0	*	194.	111. AG	2825.	2.8	.0	44.0	
49. 0	117WBapRampD*	251248.0	536976.0	251441.0	536925.0	*	200.	105. AG	2825.	2.8	.0	44.0	
50. 0	117WBapRampD*	251441.0	536925.0	251575.0	536894.0	*	138.	103. AG	2825.	2.8	.0	44.0	

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
DATE: 01/18/2007 TIME: 14:10:26.27

RUN: S5 BD2 30 PM 270/117 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
40. LT	117WBRampA*	110	1	1.0	1025	138	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	SB ON RMP	250973.0	536973.0	5.0	*
2. REC 2	SB ON RMP	251060.0	536903.0	5.0	*
3. REC 3	SB ON RMP	251135.0	536823.0	5.0	*
4. REC 4	SB ON RMP	251209.0	536705.0	5.0	*
5. REC 5	SB ON RMP	251449.0	536369.0	5.0	*
6. REC 6	SB ON RMP	251813.0	536056.0	5.0	*
7. REC 7	SB ON RMP	252143.0	535829.0	5.0	*
8. REC 8	117 WB SB ON	251112.0	537090.0	5.0	*
9. REC 9	117 WB SB ON	251190.0	537085.0	5.0	*
10. REC 10	117 WB SB ON	251278.0	537081.0	5.0	*
11. REC 11	117 WB SB ON	251401.0	537074.0	5.0	*
12. REC 12	I270 SB	251696.0	537061.0	5.0	*

S5B230PM.OUT

13.	REC 13	I270 SB	*	251755.0	537164.0	5.0	*
14.	REC 14	I270 SB	*	251712.0	537290.0	5.0	*
15.	REC 15	I270 SB	*	251665.0	537439.0	5.0	*
16.	REC 16	I270 SB	*	251593.0	537691.0	5.0	*
17.	REC 17	I270 NB	*	251904.0	537827.0	5.0	*
18.	REC 18	I270 NB	*	251931.0	537714.0	5.0	*
19.	REC 19	I270 NB	*	252113.0	537600.0	5.0	*
20.	REC 20	I270 NB OFF	*	252256.0	537525.0	5.0	*
21.	REC 21	I270 NB OFF	*	252435.0	537447.0	5.0	*
22.	REC 22	I270 NB OFF	*	252620.0	537364.0	5.0	*
23.	REC 23	I270 NB OFF	*	252614.0	536939.0	5.0	*
24.	REC 24	117 WB	*	252774.0	536855.0	5.0	*
25.	REC 25	117 EB	*	252803.0	536749.0	5.0	*
26.	REC 26	117 EB	*	252606.0	536739.0	5.0	*
27.	REC 27	I270 NB	*	252409.0	536647.0	5.0	*
28.	REC 28	I270 NB	*	252327.0	536513.0	5.0	*
29.	REC 29	I270 NB	*	252351.0	536311.0	5.0	*
30.	REC 30	I270 NB	*	252419.0	536138.0	5.0	*

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.3	.1	.1	.2	1.0	.0	.0	.0	.0	.1	.6	.4	.2	.0	.0	.0	.0	.0
5.	*	.0	.3	.3	.1	.1	.4	1.0	.0	.0	.0	.0	.3	.6	.5	.2	.0	.0	.0	.0	.0
10.	*	.0	.3	.3	.1	.1	.4	1.0	.0	.0	.0	.0	.4	.6	.5	.4	.0	.0	.0	.0	.0
15.	*	.0	.4	.3	.2	.1	.4	1.0	.0	.0	.0	.0	.4	.7	.5	.5	.0	.0	.0	.0	.0
20.	*	.0	.4	.3	.2	.2	.4	1.0	.0	.0	.0	.0	.4	.6	.5	.5	.0	.0	.0	.0	.0
25.	*	.0	.4	.3	.1	.1	.4	.9	.0	.0	.0	.0	.4	.6	.6	.5	.0	.0	.0	.0	.0
30.	*	.0	.4	.3	.1	.2	.4	.9	.0	.0	.0	.0	.4	.6	.6	.5	.0	.0	.0	.0	.0
35.	*	.0	.4	.2	.1	.1	.4	1.0	.0	.0	.0	.2	.4	.6	.6	.5	.1	.0	.0	.0	.0
40.	*	.0	.4	.2	.2	.2	.4	.9	.0	.0	.0	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
45.	*	.0	.4	.4	.2	.2	.4	.9	.0	.0	.1	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
50.	*	.0	.4	.4	.2	.2	.3	.9	.0	.1	.1	.3	.4	.6	.6	.6	.1	.0	.0	.0	.0
55.	*	.1	.5	.4	.2	.3	.4	.9	.1	.1	.2	.3	.3	.6	.6	.6	.1	.0	.0	.0	.0
60.	*	.2	.4	.4	.2	.3	.3	.7	.1	.1	.2	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0
65.	*	.2	.4	.4	.2	.3	.3	.7	.1	.1	.2	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
70.	*	.3	.4	.3	.2	.3	.5	.6	.1	.1	.2	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
75.	*	.3	.4	.3	.1	.3	.5	.4	.1	.1	.2	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
80.	*	.3	.5	.2	.2	.3	.5	.4	.1	.1	.2	.3	.4	.6	.6	.6	.5	.0	.0	.0	.0
85.	*	.2	.4	.2	.3	.3	.4	.3	.1	.1	.2	.3	.3	.6	.6	.6	.5	.0	.0	.0	.0
90.	*	.3	.3	.4	.3	.3	.4	.4	.1	.1	.1	.3	.3	.6	.6	.6	.5	.0	.0	.0	.0
95.	*	.2	.4	.4	.4	.3	.4	.3	.1	.1	.1	.3	.4	.6	.6	.6	.6	.0	.0	.0	.0
100.	*	.2	.4	.4	.4	.2	.3	.3	.0	.0	.1	.3	.4	.6	.6	.6	.6	.0	.0	.0	.0
105.	*	.2	.5	.4	.3	.3	.3	.3	.1	.1	.1	.2	.3	.6	.6	.6	.6	.0	.0	.0	.0
110.	*	.4	.5	.4	.3	.3	.2	.4	.2	.1	.1	.1	.4	.6	.6	.6	.6	.0	.0	.0	.0
115.	*	.4	.5	.3	.2	.2	.2	.4	.3	.2	.2	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
120.	*	.2	.3	.2	.1	.1	.1	.4	.4	.3	.2	.2	.4	.6	.6	.6	.6	.0	.0	.0	.0
125.	*	.1	.2	.1	.0	.0	.0	.5	.4	.3	.2	.2	.6	.6	.6	.6	.6	.0	.0	.0	.0
130.	*	.1	.2	.1	.0	.0	.1	.5	.2	.3	.3	.2	.5	.6	.6	.6	.6	.0	.0	.0	.0
135.	*	.1	.1	.0	.0	.0	.0	.6	.1	.1	.2	.3	.5	.8	.6	.6	.7	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.7	.2	.1	.1	.2	.5	.9	.7	.6	.8	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.7	.3	.2	.1	.1	.4	.7	.9	.6	.7	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.7	.3	.2	.1	.1	.3	.6	.7	.7	.6	.0	.0	.0	.1
155.	*	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1	.1	.1	.5	.5	.5	.7	.2	.2	.0	.1
160.	*	.0	.0	.0	.0	.0	.0	.5	.4	.1	.1	.1	.1	.4	.3	.3	.5	.2	.2	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.0	.0	.2	.2	.2	.2	.4	.4	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1	.1	.0	.1	.1	.1	.1	.5	.6	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	.7	.7	.2	.2
180.	*	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.1	.0	.0	.0	.0	.0	.8	.9	.3	.2
185.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.8	.8	.4	.2
190.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.8	.8	.5	.4
195.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.8	.8	.4	.4
200.	*	.0	.0	.0	.0	.0	.0	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.8	.8	.3	.4
205.	*	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.7	.8	.4	.3

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.1	.0	.0	.0	.0	.0	.7	.8	.4	.2
215.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.1	.0	.0	.0	.0	.0	.6	.7	.4	.2
220.	*	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.1	.0	.0	.0	.0	.0	.6	.7	.4	.2
225.	*	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.6	.6	.4	.2
230.	*	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.1	.0	.0	.0	.0	.6	.6	.4	.3
235.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.5	.6	.4	.3
240.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.4	.6	.4	.3
245.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.4	.6	.4	.3
250.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.6	.4	.3
255.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.6	.4	.3
260.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.6	.4	.3
265.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.6	.4	.2
270.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.2
275.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.2
280.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2
285.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2
290.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2
295.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1
300.	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1
305.	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1

S5B230PM.OUT

310.	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
315.	*	.0	.0	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
320.	*	.0	.0	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
325.	*	.0	.0	.1	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
330.	*	.0	.1	.1	.1	.0	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.2	.1	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.1	.2	.1	.0	.1	.7	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
345.	*	.0	.1	.2	.1	.0	.2	.6	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
350.	*	.0	.1	.3	.1	.0	.1	.8	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0
355.	*	.0	.1	.3	.1	.1	.1	1.0	.0	.0	.0	.1	.4	.2	.1	.0	.0	.0	.0
360.	*	.0	.2	.3	.1	.1	.2	1.0	.0	.0	.0	.1	.6	.4	.2	.0	.0	.0	.0
MAX			.4	.5	.4	.4	.3	.5	1.0	.4	.3	.3	.3	.6	.9	.9	.7	.8	.8
DEGR.	*	110	55	45	95	55	70	0	120	120	130	40	125	140	145	150	140	180	180
																		190	190

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
0.	.0	.0	.1	.0	.2	.3	.1	.0	.1	.2
5.	.0	.0	.1	.0	.2	.2	.1	.0	.1	.1
10.	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1
15.	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1
20.	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1
25.	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1
30.	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0
35.	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
40.	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
45.	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
50.	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
55.	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
60.	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0
65.	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0
70.	.0	.0	.0	.1	.3	.3	.0	.0	.0	.0
75.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0
80.	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0
85.	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
90.	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
105.	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
110.	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
115.	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
120.	.0	.0	.1	.4	.0	.0	.0	.0	.0	.1
125.	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
130.	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
135.	.0	.0	.1	.3	.0	.0	.0	.0	.0	.1
140.	.1	.0	.1	.3	.0	.0	.0	.1	.2	.2
145.	.2	.0	.2	.3	.0	.0	.0	.2	.3	.3
150.	.2	.0	.2	.3	.0	.0	.1	.4	.5	.5
155.	.2	.0	.2	.3	.0	.0	.1	.5	.7	.7
160.	.2	.0	.2	.3	.0	.0	.3	.8	.9	.9
165.	.1	.0	.2	.3	.0	.0	.1	1.0	1.0	1.0
170.	.1	.0	.2	.3	.0	.0	.1	1.2	1.2	1.2
175.	.2	.0	.2	.3	.0	.0	.1	1.3	1.3	1.3
180.	.3	.0	.2	.3	.0	.0	.4	1.3	1.3	1.3
185.	.3	.1	.3	.4	.0	.1	.3	1.5	1.3	1.3
190.	.2	.2	.3	.3	.0	.1	.5	1.4	1.3	1.3
195.	.2	.2	.4	.4	.0	.1	.5	1.5	1.3	1.3
200.	.3	.2	.4	.4	.1	.2	.6	1.4	1.2	1.2
205.	.3	.2	.4	.4	.1	.4	.5	1.4	1.3	1.3

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30
210.	.4	.2	.4	.5	.1	.3	.5	.7	1.5	1.2
215.	.3	.3	.4	.5	.1	.2	.5	.8	1.3	1.3
220.	.2	.3	.6	.4	.3	.3	.5	.8	1.3	1.3
225.	.4	.3	.7	.4	.2	.2	.5	.8	1.3	1.2
230.	.4	.2	.7	.4	.1	.3	.5	.7	1.3	1.3
235.	.4	.2	.7	.6	.1	.4	.5	.7	1.3	1.4
240.	.3	.2	.6	.6	.1	.4	.5	.7	1.1	1.4
245.	.4	.2	.5	.6	.2	.4	.5	.8	1.2	1.4
250.	.4	.2	.5	.6	.2	.4	.5	.8	1.2	1.4
255.	.3	.2	.5	.6	.2	.4	.5	.8	1.2	1.4
260.	.2	.2	.3	.6	.2	.4	.5	.8	1.1	1.3
265.	.2	.2	.4	.5	.3	.4	.5	.7	1.2	1.3
270.	.2	.1	.3	.4	.2	.4	.5	.7	1.1	1.3
275.	.2	.1	.4	.3	.2	.3	.5	.8	1.2	1.3
280.	.2	.1	.4	.4	.3	.3	.5	.8	1.4	1.3
285.	.2	.1	.4	.3	.4	.4	.5	.8	1.3	1.4
290.	.1	.1	.4	.4	.4	.6	.5	.9	1.4	1.5
295.	.1	.1	.4	.4	.5	.5	.3	.9	1.5	1.5
300.	.1	.0	.4	.1	.4	.4	.4	.9	1.5	1.5
305.	.0	.0	.4	.1	.3	.4	.5	.8	1.6	1.6
310.	.0	.0	.3	.1	.4	.4	.4	.8	1.6	1.9

S5B230PM.OUT

315.	*	.0	.0	.3	.0	.4	.4	.6	1.1	1.6	1.8
320.	*	.0	.0	.2	.0	.3	.3	.5	.9	1.7	1.7
325.	*	.0	.0	.3	.0	.3	.4	.5	.8	1.9	1.7
330.	*	.0	.0	.2	.0	.2	.3	.4	.7	1.6	1.6
335.	*	.0	.0	.2	.0	.2	.3	.3	.5	1.3	1.4
340.	*	.0	.0	.2	.0	.2	.3	.2	.4	1.1	1.2
345.	*	.0	.0	.2	.0	.2	.3	.1	.2	.6	.7
350.	*	.0	.0	.2	.0	.2	.3	.1	.1	.4	.3
355.	*	.0	.0	.1	.0	.2	.3	.1	.0	.2	.2
360.	*	.0	.0	.1	.0	.2	.3	.1	.0	.1	.2
MAX	*	.4	.3	.7	.6	.5	.6	.6	1.1	1.9	1.9
DEGR.	*	210	215	225	235	295	290	200	315	325	310

THE HIGHEST CONCENTRATION IS 1.90 PPM AT 325 DEGREES FROM REC29.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 310 DEGREES FROM REC30.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 315 DEGREES FROM REC28.

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
 DATE: 01/18/2007 TIME: 14:10:26.27

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 110	REC2 55	REC3 45	REC4 95	REC5 55	REC6 70	REC7 0	REC8 120	REC9 120	REC10 130	REC11 40	REC12 125	REC13 140	REC14 145	REC15 150	REC16 140	REC17 180	REC18 180	REC19 190	REC20 190
1	*	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.1	.2	.4	.4	.2	.1	
2	*	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.2	.2	.2	.1	.1	.0	.1	.1	
3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.0	
5	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.2	.2	.3	.1	.1	.0	.0	
11	*	.1	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 110	REC2 55	REC3 45	REC4 95	REC5 55	REC6 70	REC7 0	REC8 120	REC9 120	REC10 130
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0
49	*	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS
 DATE: 01/18/2007 TIME: 14:10:26.27

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 210	REC22 215	REC23 225	REC24 235	REC25 295	REC26 290	REC27 200	REC28 315	REC29 325	REC30 310
1	*	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0
2	*	.1	.1	.2	.1	.0	.1	.3	.6	1.3	.4

Page 4

S5B230PM.OUT

3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.9
4	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
5	*	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
45	*	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0

1

JOB: S5 BD2 30 I-270 & MD 117 RAMPS

RUN: S5 BD2 30 PM 270/117 RAMPS

PAGE 11

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC21 210	REC22 215	REC23 225	REC24 235	REC25 295	REC26 290	REC27 200	REC28 315	REC29 325	REC30 310
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

Site 6
MD 177 & Perry Parkway

										S6EXAM.DAT	
S6 EX	AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1							
REC 1	SE CORNER	252955.	536390.	5.							
REC 2	SE CORNER	252983.	536599.	5.							
REC 3	SE CORNER	252951.	536675.	5.							
REC 4	SE CORNER	252938.	536767.	5.							
REC 5	82' ES CORNER	253015.	536774.	5.							
REC 6	164' ES CORNER	253097.	536779.	5.							
REC 7	400' ES CORNER	253336.	536761.	5.							
REC 8	400' EN CORNER	253354.	536843.	5.							
REC 9	164' EN CORNER	253116.	536860.	5.							
REC 10	82' EN CORNER	253035.	536875.	5.							
REC 11	NE CORNER	252972.	536876.	5.							
REC 12	82' NE CORNER	252958.	536901.	5.							
REC 13	164' NE CORNE	252963.	536983.	5.							
REC 14	400' NE CORNE	252966.	537217.	5.							
REC 15	400' NW CORNE	252892.	537246.	5.							
REC 16	164' NW CORNE	252869.	537013.	5.							
REC 17	82' NW CORNER	252862.	536928.	5.							
REC 18	NW CORNER	252847.	536878.	5.							
REC 19	82' WN CORNER	252761.	536870.	5.							
REC 20	164' WN CORNE	252673.	536870.	5.							
REC 21	400' WN CORNE	252467.	536845.	5.							
REC 22	400' WS CORNE	252464.	536777.	5.							
REC 23	164' WS CORNE	252704.	536763.	5.							
REC 24	82' WS CORNER	252782.	536760.	5.							
REC 25	SW CORNER	252864.	536751.	5.							
REC 26	SW CORNER	252886.	536694.	5.							
REC 27	SW CORNER	252871.	536639.	5.							
S6 EX	AM MD 117 & PERRY PKWY	37	1	1							
1											
1	EX PARKLOTAG252911.536719.252915.536788.	47	3.0	0.32.	30.						
2											
2	EXIT PARKLAG252913.536756.252911.536723.	0.	12.	1							
144	125 4.0 47 29.1 1721 2 3										
3											
1	NB PERRY PAG252915.536788.252933.536839.	306	3.0	0.44.	30.						
4											
1	NB PERRY PAG252933.536839.252943.537035.	306	3.0	0.44.	30.						
5											
1	NB PERRY PAG252943.537035.252936.537136.	306	3.0	0.44.	30.						
6											
1	NB PERRY PAG252936.537136.252949.537333.	306	3.0	0.44.	30.						
7											
1	NB PERRY PAG252949.537333.252923.537483.	306	3.0	0.44.	30.						
8											
1	NB PERRY PAG252923.537483.252866.537616.	306	3.0	0.44.	30.						
9											
1	SB PERRY PAG252843.537607.252897.537484.	175	3.0	0.44.	30.						
10											
1	SB PERRY PAG252897.537484.252922.537366.	175	3.0	0.44.	30.						
11											
1	SB PERRY PAG252922.537366.252922.537227.	175	3.0	0.44.	30.						
12											
1	SB PERRY PAG252922.537227.252909.537075.	175	3.0	0.44.	30.						
13											
1	SB PERRY PAG252909.537075.252898.536984.	175	3.0	0.56.	30.						
14											
2	SB PERRY PAG252898.536984.252889.536776.	175	3.0	0.44.	30.						
15											
144	125 4.0 175 29.1 1863 2 3	0.	24.	2							
16											
1	SB PERRY PAG252892.536991.252884.536878.	175	3.0	0.32.	30.						
17											
1	SB PERRY PAG252884.536878.252819.536803.	175	3.0	0.32.	30.						
18											
2	SB PERRY PAG252841.536829.252882.536876.	0.	24.	2							
144	125 4.0 175 29.1 1863 3 3										
19											
1	ENT PARKLOAG252890.536776.252898.536716.	28	3.0	0.32.	30.						
0											
1	117 EB L AG252887.536811.252613.536808.	2	3.0	0.44.	30.						
0											
2	117 EB LT AG252833.536810.252731.536810.	0.	24.	2							
144	11 4.0 2 29.1 1717 3 3										
0											
1	117 EB TH AG252895.536788.252612.536786.	2256	3.0	0.44.	30.						
0											
2	117 EB TH AG252847.536787.252707.536786.	0.	24.	2							
144	11 4.0 2256 29.1 1765 3 3										
0											
1	117 EB ALLAG252611.536795.251901.536824.	2256	3.0	0.56.	30.						
0											
1	117 EB Dp AG253893.536692.253586.536754.	2157	3.0	0.56.	30.						
0											
1	117 EB Dp AG253586.536754.253297.536775.	2157	3.0	0.56.	30.						
0											
1	117 EB Dp AG253297.536775.253058.536792.	2157	3.0	0.56.	30.						
0											
1	117 EB Dp AG253058.536792.252896.536790.	2157	3.0	0.56.	30.						
0											
2	117 WB Ap AG252902.536838.253107.536836.	1408	3.0	0.68.	30.						
0											
144	117 WB ap AG252989.536837.253084.536836.	0.	48.	4							
144	11 4.0 1408 29.1 1861 2 3										
0											
1	117 WB Ap AG253108.536836.253356.536818.	1408	3.0	0.68.	30.						
0											
1	117 WB Ap AG253356.536818.253714.536775.	1408	3.0	0.68.	30.						
0											
1	117 WB Ap AG253714.536775.253899.536742.	1408	3.0	0.68.	30.						
0											
1	117 WB dp AG251903.536849.252279.536832.	1384	3.0	0.44.	30.						
0											
1	117 WB dp AG252279.536832.252517.536832.	1384	3.0	0.44.	30.						
0											

		S6EXAM.DAT			
0	117 WB dp AG252517.536832.252633.536836.	1384	3.0	0. 44.	30.
0	1				
0	117 WB dp AG252636.536836.252901.536837.	1384	3.0	0. 56.	30.
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: S6 EX AM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:56:28.22

RUN: S6 EX AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	47.	3.0	.0	32.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.7	536717.9	*	38.	183. AG	68.	100.0	.0	12.0	.72 1.9
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	306.	3.0	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	306.	3.0	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	306.	3.0	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	306.	3.0	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	306.	3.0	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	306.	3.0	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	175.	3.0	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	175.	3.0	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	175.	3.0	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	175.	3.0	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	175.	3.0	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	175.	3.0	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252900.3	537055.1	*	206.	2. AG	136.	100.0	.0	24.0	1.13 10.5
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	175.	3.0	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	175.	3.0	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	252976.6	536984.5	*	206.	41. AG	136.	100.0	.0	24.0	1.13 10.5
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	28.	3.0	.0	32.0	
20. 0	117 EB L *	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	2.	3.0	.0	44.0	
21. 0	117 EB LT *	252833.0	536810.0	252833.0	536810.0	*	0.	238. AG	12.	100.0	.0	24.0	.00 .0
22. 0	117 EB TH *	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2256.	3.0	.0	44.0	
23. 0	117 EB TH *	252847.0	536787.0	248097.4	536753.9	*	4750.	270. AG	12.	100.0	.0	24.0	1.67 241.3
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2256.	3.0	.0	56.0	
25. 0	117 EB Dp *	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2157.	3.0	.0	56.0	
26. 0	117 EB Dp *	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2157.	3.0	.0	56.0	
27. 0	117 EB Dp *	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2157.	3.0	.0	56.0	
28. 0	117 EB Dp *	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2157.	3.0	.0	56.0	
29. 0	117 WB Ap *	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	1408.	3.0	.0	68.0	
30. 0	117 WB ap *	252989.0	536837.0	253010.2	536836.8	*	21.	90. AG	24.	100.0	.0	48.0	.46 1.1
31. 0	117 WB Ap *	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	1408.	3.0	.0	68.0	
32. 0	117 WB Ap *	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	1408.	3.0	.0	68.0	
33. 0	117 WB Ap *	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	1408.	3.0	.0	68.0	
34. 0	117 WB dp *	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1384.	3.0	.0	44.0	
35. 0	117 WB dp *	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1384.	3.0	.0	44.0	
36. 0	117 WB dp *	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1384.	3.0	.0	44.0	
37. 0	117 WB dp *	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1384.	3.0	.0	56.0	

JOB: S6 EX AM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:56:28.22

RUN: S6 EX AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	144	125	4.0	47	721	29.10	1	3
15. 15	SB PERRY P*	144	125	4.0	175	863	29.10	1	3
18. 18	SB PERRY P*	144	125	4.0	175	863	29.10	1	3
21. 0	117 EB LT *	144	11	4.0	2	717	29.10	1	3
23. 0	117 EB TH *	144	11	4.0	2256	765	29.10	1	3
30. 0	117 WB ap *	144	11	4.0	1408	861	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 EX AM MD 117 & PERRY PKWY

RUN: S6 EX AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.3	.5	.3	.3	.3	.0	.0	.0	.1	.3	.0	.0	.0	.0	.1	.1	.0	.0
5.	.0	.1	.2	.5	.3	.3	.3	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.1	.0	.0
10.	.0	.0	.1	.4	.3	.3	.3	.0	.0	.0	.1	.2	.0	.0	.0	.0	.2	.1	.0	.0
15.	.0	.0	.1	.4	.3	.3	.3	.0	.0	.0	.1	.2	.1	.0	.0	.1	.2	.2	.0	.0
20.	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.0	.1	.3	.2	.0	.0
25.	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1	.0	.0	.1	.3	.3	.0	.0
30.	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1	.2	.0	.0	.2	.3	.4	.0	.0
35.	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.2	.2	.0	.0	.2	.3	.4	.1	.0
40.	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.2	.2	.0	.0	.2	.4	.5	.1	.0
45.	.0	.1	.0	.3	.3	.3	.3	.0	.0	.0	.0	.2	.2	.0	.0	.3	.4	.5	.1	.0
50.	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.2	.2	.0	.0	.3	.4	.6	.1	.0
55.	.0	.0	.1	.4	.4	.4	.4	.0	.0	.0	.0	.3	.3	.0	.0	.3	.4	.6	.2	.1
60.	.0	.0	.1	.4	.5	.4	.4	.0	.0	.0	.0	.3	.3	.0	.0	.3	.4	.7	.2	.1
65.	.0	.0	.1	.4	.4	.4	.4	.0	.0	.0	.0	.3	.3	.0	.0	.3	.5	.7	.2	.2
70.	.0	.0	.1	.5	.5	.4	.4	.0	.1	.0	.0	.3	.3	.0	.0	.3	.5	.7	.3	.2
75.	.0	.0	.1	.4	.5	.4	.4	.1	.1	.0	.0	.3	.3	.0	.0	.3	.5	.7	.3	.2
80.	.0	.0	.0	.4	.5	.4	.5	.1	.1	.0	.0	.3	.3	.0	.0	.3	.5	.7	.3	.2
85.	.0	.0	.0	.3	.5	.6	.5	.1	.1	.0	.0	.4	.4	.0	.0	.3	.6	.7	.4	.3
90.	.0	.0	.0	.3	.4	.6	.6	.2	.2	.1	.1	.4	.4	.0	.0	.3	.6	.8	.4	.3
95.	.0	.0	.0	.3	.4	.5	.6	.2	.2	.2	.2	.4	.4	.0	.0	.3	.6	.7	.5	.2
100.	.0	.0	.0	.2	.2	.4	.4	.2	.3	.2	.3	.0	.4	.0	.0	.4	.5	.7	.5	.2
105.	.0	.0	.0	.1	.2	.3	.3	.4	.3	.3	.3	.1	.4	.0	.0	.4	.5	.8	.3	.4
110.	.0	.0	.0	.1	.2	.3	.3	.4	.4	.3	.3	.3	.4	.0	.0	.4	.5	.9	.3	.3
115.	.0	.0	.0	.1	.1	.2	.2	.3	.4	.3	.2	.2	.5	.0	.0	.4	.6	.9	.3	.3
120.	.0	.0	.0	.0	.1	.2	.2	.3	.3	.3	.2	.2	.5	.0	.0	.4	.6	.9	.4	.3
125.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.2	.2	.2	.5	.0	.0	.5	.6	.8	.3	.3
130.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.2	.3	.2	.6	.0	.0	.6	.7	.7	.2	.2
135.	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2	.3	.2	.6	.0	.0	.6	.7	.6	.2	.2
140.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.6	.0	.0	.6	.7	.5	.2	.2
145.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.5	.0	.0	.6	.7	.5	.2	.2
150.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.5	.0	.0	.6	.6	.5	.2	.2
155.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.5	.0	.0	.6	.6	.5	.2	.2
160.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.7	.0	.0	.6	.4	.5	.2	.2
165.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.2	.2	.8	.0	.2	.6	.4	.5	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.2	.8	.0	.2	.5	.4	.5	.2	.2
175.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.2	.8	.1	.2	.3	.5	.5	.2	.2
180.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.2	.8	.2	.2	.3	.4	.5	.2	.2
185.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.8	.2	.2	.2	.4	.4	.2	.2
190.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.8	.2	.1	.2	.4	.4	.2	.2
195.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	.2	.2	.9	.2	.0	.2	.3	.4	.2	.2
200.	.0	.0	.0	.1	.0	.1	.1	.2	.3	.2	.2	.2	1.0	.2	.0	.1	.3	.3	.2	.2
205.	.0	.0	.0	.1	.0	.1	.1	.2	.3	.2	.2	.2	1.0	.1	.0	.1	.3	.3	.2	.2

1

JOB: S6 EX AM MD 117 & PERRY PKWY

RUN: S6 EX AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.1	.0	.1	.1	.2	.3	.2	.2	.1	1.0	.1	.0	.1	.2	.3	.2	.2
215.	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	1.2	.0	.0	.0	.2	.2	.2	.2
220.	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.3	.3	1.2	.0	.0	.0	.2	.2	.2	.2
225.	.0	.0	.0	.1	.0	.1	.1	.3	.3	.2	.3	.4	1.1	.0	.0	.0	.2	.2	.2	.2
230.	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.4	.9	.0	.0	.0	.2	.2	.2	.3
235.	.0	.0	.0	.1	.1	.1	.1	.3	.2	.2	.2	.5	.7	.0	.0	.0	.2	.2	.2	.3
240.	.0	.0	.0	.1	.1	.1	.1	.3	.2	.3	.4	.6	.6	.0	.0	.1	.1	.2	.3	.3
245.	.0	.0	.0	.1	.1	.2	.1	.3	.3	.3	.5	.7	.5	.0	.0	.1	.2	.2	.3	.3
250.	.0	.0	.0	.2	.1	.2	.2	.3	.3	.3	.5	.7	.4	.0	.0	.1	.1	.3	.2	.3
255.	.0	.0	.0	.2	.2	.3	.3	.3	.4	.4	.6	.7	.4	.0	.0	.0	.1	.2	.2	.2
260.	.0	.0	.0	.2	.3	.3	.3	.3	.4	.5	.7	.7	.3	.0	.0	.0	.1	.2	.2	.2
265.	.0	.0	.0	.3	.3	.5	.4	.3	.3	.5	.6	.6	.3	.0	.0	.0	.1	.2	.2	.2
270.	.0	.0	.0	.4	.5	.5	.4	.2	.4	.3	.6	.5	.3	.0	.0	.0	.0	.2	.2	.1
275.	.0	.0	.0	.4	.5	.5	.4	.2	.3	.3	.4	.5	.3	.0	.0	.0	.0	.0	.1	.1
280.	.0	.0	.1	.5	.5	.6	.5	.2	.3	.2	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.5	.5	.6	.5	.1	.3	.2	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0
290.	.0	.1	.2	.5	.6	.7	.5	.1	.3	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.6	.6	.5	.1	.2	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.5	.6	.6	.4	.1	.2	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.1	.1	.5	.6	.6	.4	.0	.2	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.1	.1	.5	.6	.6	.4	.0	.2	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.1	.1	.4	.5	.5	.4	.0	.2	.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.1	.1	.5	.5	.5	.3	.0	.2	.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.3	.5	.5	.5	.3	.0	.2	.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.3	.4	.5	.3	.3	.0	.2	.1	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0
335.	.0	.2	.2	.5	.5	.3	.3	.0	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.2	.3	.6	.5	.3	.3	.0	.2	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.2	.3	.6	.5	.3	.3	.0	.2	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.3	.3	.6	.4	.3	.3	.0	.2	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.3	.3	.6	.3	.3	.3	.0	.2	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.1	.3	.5	.3	.3	.3	.0	.2	.0	.1	.3	.0	.0	.0	.0	.1	.1	.0	.0
MAX DEGR.	.0	.3	.3	.6	.6	.7	.6	.4	.4	.5	.7	.7	1.2	.2	.2	.6	.7	.9	.5	.4

1

JOB: S6 EX AM MD 117 & PERRY PKWY

RUN: S6 EX AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.3	.3	.6	.3	.3
5.	.0	.3	.3	.3	.7	.3	.2
10.	.0	.3	.3	.3	.7	.3	.2
15.	.0	.3	.3	.4	.6	.4	.2
20.	.0	.3	.3	.5	.6	.4	.2
25.	.0	.3	.3	.5	.3	.3	.1
30.	.0	.3	.3	.6	.4	.2	.1
35.	.0	.3	.4	.6	.4	.2	.1
40.	.0	.3	.6	.6	.3	.2	.1
45.	.0	.4	.6	.6	.3	.2	.1
50.	.0	.5	.6	.6	.3	.2	.0
55.	.0	.5	.6	.6	.3	.1	.0
60.	.1	.5	.6	.4	.4	.1	.0
65.	.1	.5	.6	.4	.3	.2	.0
70.	.1	.5	.5	.4	.3	.1	.0
75.	.1	.5	.4	.3	.3	.1	.0
80.	.2	.5	.3	.3	.2	.1	.0
85.	.2	.5	.4	.3	.2	.0	.0
90.	.3	.5	.2	.2	.3	.0	.0
95.	.4	.4	.2	.2	.2	.0	.0
100.	.4	.4	.1	.1	.1	.0	.0
105.	.5	.2	.1	.0	.1	.0	.0
110.	.6	.1	.1	.0	.1	.0	.0
115.	.6	.1	.0	.0	.1	.0	.0
120.	.4	.1	.0	.0	.1	.0	.0
125.	.4	.0	.0	.0	.1	.0	.0
130.	.4	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0

1

JOB: S6 EX AM MD 117 & PERRY PKWY

RUN: S6 EX AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.3	.0	.0	.0	.0	.0	.0
215.	.3	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.4	.0	.0	.0	.0	.0	.0
240.	.4	.0	.0	.0	.0	.0	.0
245.	.4	.1	.0	.0	.0	.0	.0
250.	.4	.1	.0	.0	.0	.0	.0
255.	.4	.2	.1	.0	.0	.0	.0
260.	.4	.3	.2	.1	.0	.0	.0
265.	.4	.4	.2	.2	.2	.0	.0
270.	.5	.4	.3	.3	.2	.0	.0
275.	.3	.5	.5	.3	.2	.1	.0
280.	.3	.5	.5	.3	.3	.1	.1
285.	.1	.6	.5	.4	.3	.2	.1
290.	.1	.6	.5	.4	.2	.2	.1
295.	.1	.6	.4	.3	.3	.1	.1
300.	.1	.5	.5	.4	.3	.1	.0
305.	.1	.5	.3	.4	.3	.1	.1
310.	.0	.5	.3	.4	.3	.1	.1
315.	.0	.4	.3	.3	.3	.1	.1
320.	.0	.4	.3	.3	.3	.2	.1
325.	.0	.3	.3	.3	.3	.1	.1
330.	.0	.3	.3	.3	.3	.1	.1
335.	.0	.3	.3	.3	.4	.1	.1
340.	.0	.3	.3	.3	.4	.2	.1
345.	.0	.3	.3	.3	.4	.3	.1
350.	.0	.3	.3	.3	.5	.3	.2
355.	.0	.3	.3	.3	.6	.3	.3
360.	.0	.3	.3	.3	.6	.3	.3

MAX DEGR.	110	285	40	30	5	15	0
	.6	.6	.6	.6	.7	.4	.3

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC13.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 110 DEGREES FROM REC18.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 290 DEGREES FROM REC6 .

1

JOB: S6 EX AM MD 117 & PERRY PKWY
 DATE: 12/13/2006 TIME: 16:56:28.22

RUN: S6 EX AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 350	REC3 0	REC4 340	REC5 290	REC6 290	REC7 90	REC8 105	REC9 110	REC10 260	REC11 260	REC12 245	REC13 215	REC14 180	REC15 165	REC16 130	REC17 130	REC18 110	REC19 95	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.2	.2	.1	.1	.4	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.2	.3	.9	.1	.1	.2	.2	.4	.2	.1
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
29	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2

1

JOB: S6 EX AM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:56:28.22

RUN: S6 EX AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 110	REC22 285	REC23 40	REC24 30	REC25 5	REC26 15	REC27 0
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.2	.1	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.2	.2	.1	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.3	.2	.2	.0	.1
23	*	.0	.1	.0	.0	.0	.0	.0
24	*	.2	.4	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.1	.0	.0	.0	.0	.0
36	*	.1	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.1	.1	.1	.0	.0

S6EXPM.DAT

S6 EX	PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1	SE CORNER	252955. 536390. 5.		
REC 2	SE CORNER	252983. 536599. 5.		
REC 3	SE CORNER	252951. 536675. 5.		
REC 4	SE CORNER	252938. 536767. 5.		
REC 5	82' ES CORNER	253015. 536774. 5.		
REC 6	164' ES CORNER	253097. 536779. 5.		
REC 7	400' ES CORNER	253336. 536761. 5.		
REC 8	400' EN CORNER	253354. 536843. 5.		
REC 9	164' EN CORNER	253116. 536860. 5.		
REC 10	82' EN CORNER	253035. 536875. 5.		
REC 11	NE CORNER	252972. 536876. 5.		
REC 12	82' NE CORNER	252958. 536901. 5.		
REC 13	164' NE CORNE	252963. 536983. 5.		
REC 14	400' NE CORNE	252966. 537217. 5.		
REC 15	400' NW CORNE	252892. 537246. 5.		
REC 16	164' NW CORNE	252869. 537013. 5.		
REC 17	82' NW CORNER	252862. 536928. 5.		
REC 18	NW CORNER	252847. 536878. 5.		
REC 19	82' WN CORNER	252761. 536870. 5.		
REC 20	164' WN CORNE	252673. 536870. 5.		
REC 21	400' WN CORNE	252467. 536845. 5.		
REC 22	400' WS CORNE	252464. 536777. 5.		
REC 23	164' WS CORNE	252704. 536763. 5.		
REC 24	82' WS CORNER	252782. 536760. 5.		
REC 25	SW CORNER	252864. 536751. 5.		
REC 26	SW CORNER	252886. 536694. 5.		
REC 27	SW CORNER	252871. 536639. 5.		
S6 EX	PM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	51 3.0 0. 32. 30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 12. 1
130	102 4.0 51 29.1 1714 2 3	
3	NB PERRY PAG252915.536788.252933.536839.	403 3.0 0. 44. 30.
4	NB PERRY PAG252933.536839.252943.537035.	403 3.0 0. 44. 30.
5	NB PERRY PAG252943.537035.252936.537136.	403 3.0 0. 44. 30.
6	NB PERRY PAG252936.537136.252949.537333.	403 3.0 0. 44. 30.
7	NB PERRY PAG252949.537333.252923.537483.	403 3.0 0. 44. 30.
8	NB PERRY PAG252923.537483.252866.537616.	403 3.0 0. 44. 30.
9	SB PERRY PAG252843.537607.252897.537484.	567 3.0 0. 44. 30.
10	SB PERRY PAG252897.537484.252922.537366.	567 3.0 0. 44. 30.
11	SB PERRY PAG252922.537366.252922.537227.	567 3.0 0. 44. 30.
12	SB PERRY PAG252922.537227.252909.537075.	567 3.0 0. 44. 30.
13	SB PERRY PAG252909.537075.252898.536984.	567 3.0 0. 56. 30.
14	SB PERRY PAG252898.536984.252889.536776.	567 3.0 0. 44. 30.
15	SB PERRY PAG252892.536849.252895.536924.	0. 24. 2
130	102 4.0 567 29.1 1863 2 3	
16	SB PERRY PAG252892.536991.252884.536878.	567 3.0 0. 32. 30.
17	SB PERRY PAG252884.536878.252819.536803.	567 3.0 0. 32. 30.
18	SB PERRY PAG252841.536829.252882.536876.	0. 24. 2
130	102 4.0 567 29.1 1863 2 3	
19	ENT PARKLOAG252890.536776.252898.536716.	71 3.0 0. 32. 30.
0	117 EB L AG252887.536811.252613.536808.	2 3.0 0. 44. 30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24. 2
144	11 4.0 2 29.1 1717 3 3	
0	117 EB TH AG252895.536788.252612.536786.	2279 3.0 0. 44. 30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24. 2
130	20 4.0 2279 29.1 1859 2 3	
0	117 EB ALLAG252611.536795.251901.536824.	2279 3.0 0. 56. 30.
0	117 EB Dp AG253893.536692.253586.536754.	2247 3.0 0. 56. 30.
0	117 EB Dp AG253586.536754.253297.536775.	2247 3.0 0. 56. 30.
0	117 EB Dp AG253297.536775.253058.536792.	2247 3.0 0. 56. 30.
0	117 EB Dp AG253058.536792.252896.536790.	2247 3.0 0. 56. 30.
0	117 WB Ap AG252902.536838.253107.536836.	1775 3.0 0. 68. 30.
0	117 WB ap AG252989.536837.253084.536836.	0. 48. 4
130	33 4.0 1775 29.1 1861 2 3	
0	117 WB Ap AG253108.536836.253356.536818.	1775 3.0 0. 68. 30.
0	117 WB Ap AG253356.536818.253714.536775.	1775 3.0 0. 68. 30.
0	117 WB Ap AG253714.536775.253899.536742.	1775 3.0 0. 68. 30.
0	117 WB dp AG251903.536849.252279.536832.	1951 3.0 0. 44. 30.
0	117 WB dp AG252279.536832.252517.536832.	1951 3.0 0. 44. 30.

		S6EXPM.DAT			
0	117 WB dp AG252517.536832.252633.536836.	1951	3.0	0.44.	30.
0	117 WB dp AG252636.536836.252901.536837.	1951	3.0	0.56.	30.
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: S6 EX PM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:57:30.28

RUN: S6 EX PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	51.	3.0	.0	32.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252911.3	536727.6	*	28.	183. AG	61.	100.0	.0	12.0	.43 1.4
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	403.	3.0	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	403.	3.0	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	403.	3.0	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	403.	3.0	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	403.	3.0	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	403.	3.0	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	567.	3.0	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	567.	3.0	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	567.	3.0	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	567.	3.0	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	567.	3.0	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	567.	3.0	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252956.8	538468.3	*	1621.	2. AG	122.	100.0	.0	24.0	1.94 82.3
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	567.	3.0	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	567.	3.0	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	253906.3	538050.2	*	1621.	41. AG	122.	100.0	.0	24.0	1.94 82.3
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	71.	3.0	.0	32.0	
20. 0	117 EB L	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	2.	3.0	.0	44.0	
21. 0	117 EB LT	252833.0	536810.0	252833.0	536810.0	*	0.	238. AG	12.	100.0	.0	24.0	.00 .0
22. 0	117 EB TH	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2279.	3.0	.0	44.0	
23. 0	117 EB TH	252847.0	536787.0	248060.7	536753.7	*	4786.	270. AG	24.	100.0	.0	24.0	1.66 243.1
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2279.	3.0	.0	56.0	
25. 0	117 EB Dp	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2247.	3.0	.0	56.0	
26. 0	117 EB Dp	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2247.	3.0	.0	56.0	
27. 0	117 EB Dp	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2247.	3.0	.0	56.0	
28. 0	117 EB Dp	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2247.	3.0	.0	56.0	
29. 0	117 WB Ap	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	1775.	3.0	.0	68.0	
30. 0	117 WB ap	252989.0	536837.0	253068.9	536836.1	*	80.	90. AG	79.	100.0	.0	48.0	.74 4.1
31. 0	117 WB Ap	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	1775.	3.0	.0	68.0	
32. 0	117 WB Ap	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	1775.	3.0	.0	68.0	
33. 0	117 WB Ap	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	1775.	3.0	.0	68.0	
34. 0	117 WB dp	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1951.	3.0	.0	44.0	
35. 0	117 WB dp	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1951.	3.0	.0	44.0	
36. 0	117 WB dp	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1951.	3.0	.0	44.0	
37. 0	117 WB dp	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1951.	3.0	.0	56.0	

JOB: S6 EX PM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:57:30.28

RUN: S6 EX PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	130	102	4.0	51	714	29.10	1	3
15. 15	SB PERRY P*	130	102	4.0	567	863	29.10	1	3
18. 18	SB PERRY P*	130	102	4.0	567	863	29.10	1	3
21. 0	117 EB LT	144	11	4.0	2	717	29.10	1	3
23. 0	117 EB TH	130	20	4.0	2279	859	29.10	1	3
30. 0	117 WB ap	130	33	4.0	1775	861	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 EX PM MD 117 & PERRY PKWY

RUN: S6 EX PM MD 117 & PERRY PKWY
Page 1

S6EXPM.OUT

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.3	.5	.6	.6	.5	.4	.1	.1	.2	.4	.5	.3	.2	.5	.3	.3	.2	.1	.0
5.	.2	.3	.4	.7	.6	.4	.4	.1	.1	.3	.3	.4	.2	.1	.6	.4	.3	.3	.1	.0
10.	.1	.2	.4	.6	.5	.5	.4	.1	.1	.2	.3	.4	.3	.1	.7	.4	.4	.3	.1	.1
15.	.1	.1	.3	.6	.5	.4	.4	.1	.1	.2	.2	.3	.2	.0	.8	.5	.4	.3	.1	.1
20.	.1	.1	.3	.5	.5	.4	.4	.1	.1	.2	.2	.3	.3	.0	.8	.4	.4	.3	.2	.1
25.	.1	.1	.3	.5	.5	.4	.3	.0	.1	.2	.3	.4	.5	.0	.8	.4	.4	.4	.2	.1
30.	.0	.1	.3	.5	.5	.4	.3	.0	.1	.2	.2	.4	.6	.0	.7	.4	.5	.5	.1	.1
35.	.0	.2	.2	.5	.5	.4	.3	.0	.1	.1	.2	.3	.8	.0	.7	.5	.6	.5	.2	.1
40.	.0	.1	.2	.5	.5	.3	.3	.0	.0	.1	.2	.3	.9	.0	.6	.5	.6	.6	.2	.2
45.	.0	.1	.1	.5	.4	.3	.3	.0	.0	.1	.1	.2	1.0	.1	.6	.6	.7	.7	.3	.2
50.	.0	.1	.1	.5	.5	.3	.3	.0	.0	.0	.1	.1	1.0	.1	.7	.6	.7	.8	.3	.2
55.	.0	.0	.1	.5	.5	.4	.4	.0	.0	.0	.0	.1	1.0	.1	.7	.6	.7	.7	.3	.2
60.	.0	.0	.1	.5	.5	.4	.4	.0	.0	.0	.0	.0	.9	.1	.6	.6	.7	.7	.3	.2
65.	.0	.0	.1	.5	.5	.4	.4	.0	.1	.0	.0	.0	.8	.1	.6	.6	.7	.6	.3	.2
70.	.0	.0	.1	.6	.5	.4	.4	.1	.1	.0	.0	.0	.7	.1	.5	.6	.7	.6	.3	.2
75.	.0	.0	.1	.6	.5	.5	.5	.1	.1	.0	.0	.0	.7	.1	.5	.5	.6	.6	.3	.2
80.	.0	.0	.0	.5	.5	.5	.5	.1	.1	.0	.0	.0	.6	.1	.5	.5	.6	.6	.4	.3
85.	.0	.0	.0	.3	.5	.6	.5	.2	.2	.1	.1	.0	.6	.1	.6	.6	.6	.7	.4	.3
90.	.0	.0	.0	.3	.6	.6	.6	.2	.2	.2	.2	.0	.5	.1	.6	.6	.6	.7	.5	.3
95.	.0	.0	.0	.3	.4	.5	.6	.2	.3	.2	.3	.0	.5	.1	.5	.5	.6	.6	.5	.3
100.	.0	.0	.0	.2	.3	.4	.5	.3	.5	.2	.4	.1	.5	.1	.5	.5	.6	.7	.6	.3
105.	.0	.0	.0	.1	.2	.3	.3	.5	.4	.4	.5	.2	.5	.1	.5	.5	.5	.9	.5	.4
110.	.0	.0	.0	.1	.2	.3	.3	.5	.5	.3	.5	.4	.5	.1	.5	.4	.6	.9	.4	.3
115.	.0	.0	.0	.1	.1	.2	.2	.5	.5	.4	.5	.4	.5	.1	.5	.4	.7	.8	.4	.3
120.	.0	.0	.0	.0	.1	.2	.2	.3	.4	.4	.5	.3	.6	.1	.5	.4	.6	.7	.5	.3
125.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.4	.5	.3	.5	.1	.5	.4	.8	.7	.3	.3
130.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.3	.6	.3	.6	.1	.6	.4	.9	.7	.3	.3
135.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.3	.6	.3	.6	.1	.6	.4	.9	.7	.3	.3
140.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.5	.3	.6	.1	.6	.5	.9	.5	.3	.3
145.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	.5	.4	.3	.6	.1	.6	.6	.8	.5	.3
150.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.4	.3	.7	.1	.7	.6	.8	.5	.3	.3
155.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.3	.3	.7	.1	.8	.5	.6	.5	.3	.3
160.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.3	.3	.7	.1	.8	.5	.7	.6	.3	.3
165.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.5	.3	.2	.7	.1	.9	.6	.5	.6	.3	.3
170.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.2	.2	.7	.1	.9	.5	.4	.7	.3	.3
175.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.5	.3	.2	.7	.1	.7	.3	.5	.7	.3	.3
180.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.5	.3	.2	.8	.2	.6	.3	.4	.7	.3	.3
185.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.5	.3	.2	.9	.2	.5	.3	.4	.6	.3	.3
190.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.5	.3	.2	.8	.2	.3	.3	.4	.5	.3	.3
195.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.2	.2	.8	.3	.2	.3	.4	.4	.3	.3
200.	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.2	.2	1.0	.3	.1	.2	.3	.4	.3	.3
205.	.0	.0	.0	.1	.0	.1	.1	.2	.3	.4	.2	.2	1.0	.2	.1	.2	.3	.4	.3	.3

1

JOB: S6 EX PM MD 117 & PERRY PKWY

RUN: S6 EX PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.1	.0	.1	.1	.3	.3	.5	.2	.1	1.0	.2	.0	.2	.2	.3	.3	.3
215.	.0	.0	.0	.1	.1	.1	.1	.3	.3	.5	.2	.2	1.3	.2	.0	.2	.2	.3	.3	.2
220.	.0	.0	.0	.1	.1	.1	.1	.4	.4	.5	.3	.4	1.3	.2	.0	.1	.2	.3	.3	.3
225.	.0	.0	.0	.1	.1	.1	.1	.4	.5	.5	.3	.5	1.1	.2	.0	.0	.2	.3	.3	.3
230.	.0	.0	.0	.1	.1	.1	.1	.3	.5	.4	.2	.5	1.0	.2	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.1	.1	.1	.1	.3	.5	.4	.3	.5	.7	.2	.0	.0	.2	.3	.3	.3
240.	.0	.0	.0	.1	.1	.1	.1	.3	.4	.5	.4	.5	.6	.2	.0	.1	.1	.3	.4	.3
245.	.0	.0	.0	.2	.1	.2	.1	.3	.4	.5	.5	.6	.4	.2	.0	.1	.2	.3	.4	.3
250.	.0	.0	.0	.2	.1	.3	.2	.3	.5	.5	.5	.7	.5	.2	.0	.1	.2	.4	.3	.3
255.	.0	.0	.0	.2	.2	.3	.3	.4	.5	.6	.5	.7	.4	.2	.0	.1	.1	.3	.4	.5
260.	.0	.0	.0	.2	.3	.3	.3	.4	.6	.5	.7	.7	.3	.2	.0	.0	.1	.2	.4	.4
265.	.0	.0	.0	.5	.4	.5	.4	.4	.5	.5	.6	.7	.3	.2	.0	.0	.1	.2	.2	.3
270.	.0	.0	.0	.5	.6	.5	.4	.3	.5	.4	.6	.5	.3	.2	.0	.0	.0	.2	.2	.3
275.	.0	.0	.0	.7	.6	.7	.4	.2	.5	.4	.5	.5	.3	.2	.0	.0	.0	.1	.2	.1
280.	.0	.0	.1	.7	.5	.7	.5	.3	.4	.2	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.5	.5	.8	.5	.3	.3	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
290.	.0	.1	.2	.5	.7	.7	.5	.2	.3	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.6	.7	.6	.3	.3	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.5	.7	.7	.6	.3	.2	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
305.	.0	.1	.2	.5	.6	.7	.6	.3	.2	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
310.	.0	.1	.2	.5	.6	.7	.6	.2	.2	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.4	.5	.6	.6	.2	.2	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
320.	.0	.1	.2	.5	.5	.6	.5	.2	.2	.2	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0
325.	.0	.0	.3	.5	.5	.6	.5	.2	.2	.2	.4	.6	.2	.2	.0	.0	.0	.0	.0	.0
330.	.0	.0	.4	.5	.6	.6	.5	.2	.2	.2	.4	.6	.2	.2	.0	.0	.0	.0	.0	.0
335.	.0	.2	.2	.6	.7	.6	.5	.2	.2	.2	.4	.6	.2	.3	.0	.0	.0	.0	.0	.0
340.	.0	.2	.3	.6	.7	.6	.5	.2	.2	.2	.4	.7	.3	.3	.1	.0	.0	.0	.0	.0
345.	.1	.2	.4	.7	.7	.5	.4	.1	.2	.2	.4	.7	.4	.3	.2	.1	.0	.0	.0	.0
350.	.1	.3	.4	.7	.7	.5	.4	.1	.2	.2	.4	.7	.4	.3	.3	.1	.1	.1	.0	.0
355.	.2	.3	.4	.7	.6	.5	.4	.1	.2	.2	.4	.5	.3	.2	.4	.2	.2	.1	.0	.0
360.	.2	.3	.5	.6	.6	.5	.4	.1	.1	.2	.4	.5	.3	.2	.5	.3	.3	.2	.1	.0
MAX DEGR.	.2	.3	.5	.7	.7	.8	.6	.5	.6	.6	.7	.7	1.3	.3	.9	.6	.9	.9	.6	.5
	0	0	0	5	290	285	90	105	260	255	260	250	215	195	165	45	130	105	100	255

1

JOB: S6 EX PM MD 117 & PERRY PKWY

RUN: S6 EX PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.4	.4	.5	.8	.4	.4
5.	.0	.4	.5	.5	.8	.5	.3
10.	.0	.4	.5	.6	.9	.4	.3
15.	.0	.4	.5	.7	.9	.4	.2
20.	.0	.5	.5	.7	.8	.5	.3
25.	.1	.5	.5	.8	.7	.5	.2
30.	.1	.5	.6	.8	.6	.5	.2
35.	.1	.5	.6	.8	.5	.4	.2
40.	.1	.6	.8	.8	.5	.3	.2
45.	.2	.7	.8	.8	.4	.3	.1
50.	.3	.8	.8	.9	.4	.2	.0
55.	.3	.7	.8	.8	.3	.1	.0
60.	.3	.7	.8	.7	.4	.1	.1
65.	.3	.8	.7	.7	.3	.2	.1
70.	.3	.8	.6	.4	.3	.1	.0
75.	.3	.9	.6	.4	.4	.1	.0
80.	.4	.9	.5	.4	.2	.1	.0
85.	.5	.7	.4	.3	.2	.0	.0
90.	.5	.6	.2	.2	.3	.0	.0
95.	.6	.5	.2	.2	.2	.0	.0
100.	.6	.4	.1	.1	.1	.0	.0
105.	.5	.2	.1	.0	.1	.0	.0
110.	.6	.2	.1	.0	.1	.0	.0
115.	.6	.2	.0	.0	.0	.0	.0
120.	.5	.1	.0	.0	.0	.0	.0
125.	.4	.0	.0	.0	.0	.0	.0
130.	.4	.0	.0	.0	.0	.0	.0
135.	.4	.0	.0	.0	.0	.0	.0
140.	.4	.0	.0	.0	.0	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 EX PM MD 117 & PERRY PKWY

RUN: S6 EX PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.6	.2	.0	.0	.0	.0	.0
250.	.6	.2	.0	.0	.0	.0	.0
255.	.7	.2	.1	.1	.0	.0	.0
260.	.7	.4	.2	.1	.0	.0	.0
265.	.7	.5	.3	.3	.2	.0	.0
270.	.6	.5	.4	.4	.3	.0	.0
275.	.5	.7	.5	.4	.3	.1	.0
280.	.3	.8	.6	.5	.4	.1	.1
285.	.2	.8	.6	.5	.4	.2	.1
290.	.2	.8	.6	.5	.4	.2	.1
295.	.1	.7	.6	.5	.4	.1	.1
300.	.1	.5	.6	.5	.4	.1	.0
305.	.1	.5	.5	.5	.4	.2	.1
310.	.1	.5	.5	.5	.4	.2	.1
315.	.1	.5	.6	.4	.3	.2	.1
320.	.0	.5	.4	.4	.3	.2	.1
325.	.0	.4	.4	.4	.3	.2	.2
330.	.0	.4	.4	.4	.3	.2	.2
335.	.0	.4	.4	.4	.4	.2	.2
340.	.0	.4	.4	.4	.4	.3	.2
345.	.0	.4	.4	.4	.5	.4	.3
350.	.0	.4	.4	.4	.5	.4	.4
355.	.0	.4	.4	.4	.7	.5	.3
360.	.0	.4	.4	.5	.8	.4	.4

MAX DEGR.	255	75	40	50	10	5	0
	.7	.9	.8	.9	.9	.5	.4

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 215 DEGREES FROM REC13.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC18.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 75 DEGREES FROM REC22.

1

JOB: S6 EX PM MD 117 & PERRY PKWY
 DATE: 12/13/2006 TIME: 16:57:30.28

RUN: S6 EX PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	0	5	290	285	90	105	260	255	260	250	215	195	165	45	130	105	100	255
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.7	.4	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.2	.3	.8	.1	.1	.1	.2	.3	.1	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
25	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.1	.1	.2	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0
29	*	.0	.0	.1	.1	.1	.1	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
30	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
37	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1

1

JOB: S6 EX PM MD 117 & PERRY PKWY
DATE: 12/13/2006 TIME: 16:57:30.28

RUN: S6 EX PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21	REC22	REC23	REC24	REC25	REC26	REC27
		255	75	40	50	10	5	0
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.1	.0	.0
15	*	.0	.0	.1	.1	.3	.2	.2
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.2	.3	.2	.1	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.3	.3	.2	.1	.1
23	*	.1	.2	.1	.1	.0	.0	.0
24	*	.3	.3	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.3	.0	.0	.0	.0	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0
37	*	.0	.1	.1	.1	.1	.0	.0

S6NB15AM.DAT

S6 NB15 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955. 536390. 5.		
REC 2 SE CORNER	252983. 536599. 5.		
REC 3 SE CORNER	252951. 536675. 5.		
REC 4 SE CORNER	252938. 536767. 5.		
REC 5 82' ES CORNER	253015. 536774. 5.		
REC 6 164' ES CORNER	253097. 536779. 5.		
REC 7 400' ES CORNER	253336. 536761. 5.		
REC 8 400' EN CORNER	253354. 536843. 5.		
REC 9 164' EN CORNER	253116. 536860. 5.		
REC 10 82' EN CORNER	253035. 536875. 5.		
REC 11 NE CORNER	252972. 536876. 5.		
REC 12 82' NE CORNER	252958. 536901. 5.		
REC 13 164' NE CORNE	252963. 536983. 5.		
REC 14 400' NE CORNE	252966. 537217. 5.		
REC 15 400' NW CORNE	252892. 537246. 5.		
REC 16 164' NW CORNE	252869. 537013. 5.		
REC 17 82' NW CORNER	252862. 536928. 5.		
REC 18 NW CORNER	252847. 536878. 5.		
REC 19 82' WN CORNER	252761. 536870. 5.		
REC 20 164' WN CORNE	252673. 536870. 5.		
REC 21 400' WN CORNE	252467. 536845. 5.		
REC 22 400' WS CORNE	252464. 536777. 5.		
REC 23 164' WS CORNE	252704. 536763. 5.		
REC 24 82' WS CORNER	252782. 536760. 5.		
REC 25 SW CORNER	252864. 536751. 5.		
REC 26 SW CORNER	252886. 536694. 5.		
REC 27 SW CORNER	252871. 536639. 5.		
S6 NB15 AM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	125 3.1 0. 44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 24.	2
150	125 3.0 125 33.4 1176 3 3		
3	NB PERRY DAG252915.536788.252933.536839.	600 3.1 0. 44.	30.
4	NB PERRY DAG252933.536839.252943.537035.	600 3.1 0. 44.	30.
5	NB PERRY DAG252943.537035.252936.537136.	600 3.1 0. 44.	30.
6	NB PERRY DAG252936.537136.252949.537333.	600 3.1 0. 44.	30.
7	NB PERRY DAG252949.537333.252923.537483.	600 3.1 0. 44.	30.
8	NB PERRY DAG252923.537483.252866.537616.	600 3.1 0. 44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	275 3.1 0. 44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	275 3.1 0. 44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	275 3.1 0. 44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	275 3.1 0. 44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	275 3.1 0. 56.	30.
14	SB PERRY TAG252898.536984.252889.536776.	250 3.1 0. 44.	30.
15	SB PERRY TAG252892.536849.252895.536924.	0. 24.	2
150	125 3.0 250 33.4 1141 3 3		
16	SB PERRY RAG252892.536991.252884.536878.	25 3.1 0. 32.	30.
17	SB PERRY RAG252884.536878.252819.536803.	25 3.1 0. 32.	30.
18	SB PERRY RAG252841.536829.252882.536876.	0. 24.	2
150	125 3.0 25 33.4 1583 3 3		
19	ENT PARKLOAG252890.536776.252898.536716.	125 3.1 0. 32.	30.
0	117 EB L AG252887.536811.252613.536808.	25 3.1 0. 44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24.	2
150	140 3.0 25 33.4 1717 3 3		
0	117 EB TH AG252895.536788.252612.536786.	1100 3.1 0. 44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24.	2
150	23 3.0 1100 33.4 1764 3 3		
0	117 EB ALLAG252611.536795.251901.536824.	1075 3.1 0. 56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	1300 3.1 0. 56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	1300 3.1 0. 56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	1300 3.1 0. 56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	1300 3.1 0. 56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	3325 3.1 0. 56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0. 36.	3
150	28 3.0 3325 33.4 1346 3 3		
0	117 WB Ap AG253108.536836.253356.536818.	3325 3.1 0. 56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	3325 3.1 0. 56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	3325 3.1 0. 56.	30.
0	117 WB dp AG251903.536849.252279.536832.	2800 3.1 0. 44.	30.
0	117 WB dp AG252279.536832.252517.536832.	2800 3.1 0. 44.	30.

S6NB15AM.DAT

JOB: S6 NB15 AM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:13:53.16

RUN: S6 NB15 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.4	536713.7	*	42.	183. AG	149.	100.0	.0	24.0	.40 2.2
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	600.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	600.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	600.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	600.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	600.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	600.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252896.0	536949.7	*	101.	2. AG	149.	100.0	.0	24.0	.82 5.1
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252846.4	536835.2	*	8.	41. AG	149.	100.0	.0	24.0	.06 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	125.	3.1	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	167.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1100.	3.1	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252777.8	536786.5	*	69.	270. AG	27.	100.0	.0	24.0	.38 3.5
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1075.	3.1	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1300.	3.1	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1300.	3.1	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1300.	3.1	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1300.	3.1	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3325.	3.1	.0	56.0	
30. 0	117 WB ap*	252989.0	536837.0	253906.6	536827.1	*	918.	91. AG	50.	100.0	.0	36.0	1.06 46.6
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3325.	3.1	.0	56.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3325.	3.1	.0	56.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3325.	3.1	.0	56.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2800.	3.1	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2800.	3.1	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2800.	3.1	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2800.	3.1	.0	56.0	

JOB: S6 NB15 AM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:13:53.16

RUN: S6 NB15 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	125	3.0	125	1176	33.40	3	3
15. 15	SB PERRY T*	150	125	3.0	250	1141	33.40	3	3
18. 18	SB PERRY R*	150	125	3.0	25	1583	33.40	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	33.40	3	3
23. 0	117 EB TH*	150	23	3.0	1100	1764	33.40	3	3
30. 0	117 WB ap*	150	28	3.0	3325	1346	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 NB15 AM MD 117 & PERRY PKWY

RUN: S6 NB15 AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
40.	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
45.	.0	.1	.3	.4	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
50.	.0	.1	.2	.5	.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
55.	.0	.1	.2	.5	.5	.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
60.	.0	.2	.6	.5	.6	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
65.	.0	.2	.6	.5	.6	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
70.	.0	.1	.2	.5	.6	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0
75.	.0	.0	.1	.6	.5	.6	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
80.	.0	.0	.1	.6	.6	.6	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2
85.	.0	.0	.0	.5	.5	.6	.5	.6	.5	.2	.3	.0	.0	.0	.0	.0	.3	.5	.4	.3
90.	.0	.0	.0	.5	.5	.5	.4	.7	.7	.4	.3	.2	.0	.0	.0	.0	.3	.6	.5	.5
95.	.0	.0	.0	.1	.4	.4	.3	.8	.7	.5	.5	.3	.0	.0	.0	.0	.5	.7	.6	.6
100.	.0	.0	.0	.1	.2	.3	.3	.9	.9	.6	.6	.4	.0	.0	.0	.0	.6	.8	.7	.4
105.	.0	.0	.0	.1	.2	.2	.2	.9	.9	.7	.7	.4	.2	.0	.0	.0	.6	.7	.4	.4
110.	.0	.0	.0	.0	.1	.2	.2	.9	.9	.7	.7	.3	.3	.0	.0	.2	.7	.6	.4	.3
115.	.0	.0	.0	.0	.1	.1	.1	1.0	.8	.7	.7	.4	.2	.0	.0	.2	.7	.6	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	1.0	.8	.7	.6	.4	.2	.0	.0	.2	.7	.6	.3	.4
125.	.0	.0	.0	.0	.0	.1	.1	.9	.8	.7	.5	.4	.2	.0	.0	.3	.6	.5	.3	.4
130.	.0	.0	.0	.0	.0	.1	.1	.8	.7	.6	.4	.3	.2	.0	.0	.1	.6	.5	.3	.4
135.	.0	.0	.0	.0	.0	.1	.1	.8	.7	.6	.4	.3	.3	.0	.0	.1	.6	.5	.4	.4
140.	.0	.0	.0	.0	.0	.1	.0	.7	.7	.5	.5	.3	.2	.0	.0	.2	.5	.4	.4	.4
145.	.0	.0	.0	.0	.0	.1	.1	.7	.7	.5	.5	.3	.2	.0	.0	.2	.4	.2	.4	.4
150.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.5	.5	.3	.1	.0	.0	.2	.4	.3	.4	.4
155.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.4	.5	.3	.1	.0	.0	.3	.5	.3	.3	.4
160.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.4	.5	.3	.1	.0	.0	.3	.4	.3	.3	.3
165.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.4	.4	.3	.1	.0	.0	.3	.3	.2	.3	.3
170.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.4	.4	.3	.1	.0	.0	.3	.2	.2	.4	.4
175.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.5	.4	.3	.1	.0	.0	.3	.2	.3	.4	.4
180.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.3	.2	.0	.0	.2	.2	.4	.4	.4
185.	.0	.0	.0	.1	.0	.1	.1	.6	.7	.5	.4	.3	.2	.0	.0	.2	.1	.4	.4	.4
190.	.0	.0	.0	.1	.0	.1	.1	.7	.6	.5	.4	.4	.2	.0	.0	.2	.1	.4	.4	.4
195.	.0	.0	.0	.2	.0	.1	.1	.7	.6	.5	.4	.3	.3	.1	.0	.1	.1	.4	.3	.3
200.	.0	.0	.0	.2	.0	.1	.0	.6	.7	.5	.5	.3	.3	.1	.0	.1	.1	.3	.3	.2
205.	.0	.0	.0	.3	.0	.1	.0	.6	.6	.5	.5	.3	.4	.1	.0	.1	.1	.3	.3	.2

1

JOB: S6 NB15 AM MD 117 & PERRY PKWY

RUN: S6 NB15 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.0	.0	.0	.6	.6	.5	.5	.3	.4	.1	.0	.1	.1	.3	.4	.2
215.	.0	.0	.0	.3	.0	.1	.0	.6	.6	.5	.4	.4	.4	.1	.0	.1	.1	.3	.4	.3
220.	.0	.0	.0	.3	.0	.1	.0	.5	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
225.	.0	.0	.0	.3	.0	.1	.1	.6	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
230.	.0	.0	.0	.3	.0	.1	.1	.7	.7	.5	.4	.4	.4	.1	.0	.1	.1	.4	.3	.3
235.	.0	.0	.0	.3	.1	.1	.1	.7	.8	.5	.4	.4	.4	.1	.0	.0	.1	.4	.3	.4
240.	.0	.0	.0	.3	.2	.1	.1	.8	.8	.4	.3	.6	.3	.1	.0	.0	.1	.3	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.9	.8	.4	.6	.5	.3	.1	.0	.0	.1	.3	.4	.5
250.	.0	.0	.0	.2	.2	.1	.1	.9	.8	.4	.5	.5	.2	.1	.0	.0	.1	.3	.4	.5
255.	.0	.0	.0	.1	.2	.2	.2	.9	.8	.5	.5	.5	.2	.1	.0	.0	.1	.3	.6	.5
260.	.0	.0	.0	.3	.2	.2	.2	1.1	.8	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.5
265.	.0	.0	.0	.3	.3	.2	.2	1.0	.6	.4	.5	.4	.1	.1	.0	.0	.0	.2	.5	.4
270.	.0	.0	.0	.2	.4	.4	.2	1.0	.7	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.8	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.3	.4	.4	.5	.7	.3	.1	.3	.3	.1	.1	.0	.0	.0	.0	.1	.0
285.	.0	.0	.0	.3	.4	.5	.5	.4	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.4	.4	.6	.6	.4	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.4	.7	.5	.2	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.5	.6	.5	.2	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.6	.7	.6	.2	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.1	.2	.3	.5	.6	.5	.2	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.2	.4	.5	.5	.2	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.2	.3	.4	.4	.4	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.2	.3	.4	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.4	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.0	.2	.5	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
345.	.0	.1	.3	.5	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.2	.3	.6	.6	.7	.6	1.1	.9	.7	.7	.6	.4	.1	.0	.3	.7	.8	.7	.6
	0	325	45	60	70	295	65	260	100	105	105	240	205	0	0	125	110	100	100	95

1

JOB: S6 NB15 AM MD 117 & PERRY PKWY

RUN: S6 NB15 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.3	.3	.3	.3	.2
5.	.1	.3	.3	.4	.3	.4	.2
10.	.0	.3	.3	.4	.3	.3	.3
15.	.0	.3	.3	.4	.4	.4	.2
20.	.0	.3	.3	.4	.4	.4	.2
25.	.1	.3	.3	.5	.4	.5	.2
30.	.1	.3	.3	.5	.4	.5	.2
35.	.1	.3	.3	.5	.2	.5	.2
40.	.1	.3	.3	.5	.3	.5	.2
45.	.1	.3	.4	.4	.3	.4	.1
50.	.1	.3	.4	.5	.3	.4	.1
55.	.1	.3	.4	.5	.3	.4	.1
60.	.1	.2	.5	.4	.4	.4	.1
65.	.1	.3	.5	.4	.3	.3	.1
70.	.3	.3	.4	.2	.5	.3	.1
75.	.3	.4	.4	.5	.5	.2	.0
80.	.4	.3	.5	.5	.5	.0	.0
85.	.6	.3	.3	.5	.4	.0	.0
90.	.6	.2	.1	.3	.3	.0	.0
95.	.6	.1	.1	.1	.2	.0	.0
100.	.6	.1	.1	.1	.2	.0	.0
105.	.7	.1	.0	.1	.2	.0	.0
110.	.5	.0	.0	.1	.2	.0	.0
115.	.6	.0	.0	.0	.2	.0	.0
120.	.6	.0	.0	.0	.2	.0	.0
125.	.5	.0	.0	.0	.2	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 NB15 AM MD 117 & PERRY PKWY

RUN: S6 NB15 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.5	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.6	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0
270.	.7	.3	.2	.2	.1	.0	.0
275.	.6	.4	.3	.2	.1	.0	.0
280.	.5	.4	.3	.3	.1	.0	.0
285.	.3	.4	.4	.3	.2	.0	.0
290.	.2	.5	.4	.3	.2	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0
300.	.1	.4	.2	.3	.3	.2	.0
305.	.1	.4	.3	.2	.3	.2	.0
310.	.1	.3	.3	.2	.4	.2	.0
315.	.1	.3	.3	.3	.4	.2	.1
320.	.1	.3	.3	.3	.2	.2	.1
325.	.1	.3	.2	.3	.2	.2	.1
330.	.1	.3	.2	.3	.2	.2	.1
335.	.1	.3	.2	.3	.2	.1	.1
340.	.0	.3	.3	.3	.2	.1	.1
345.	.0	.3	.3	.3	.2	.1	.1
350.	.0	.3	.3	.3	.2	.2	.1
355.	.1	.3	.3	.3	.3	.2	.1
360.	.1	.3	.3	.3	.3	.3	.2

MAX DEGR.	105	290	60	25	70	25	10
	.7	.5	.5	.5	.5	.5	.3

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 260 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 100 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 100 DEGREES FROM REC18 .

1

JOB: S6 NB15 AM MD 117 & PERRY PKWY
 DATE: 12/25/2006 TIME: 00:13:53.16

RUN: S6 NB15 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 325	REC3 45	REC4 60	REC5 70	REC6 295	REC7 65	REC8 260	REC9 100	REC10 105	REC11 105	REC12 240	REC13 205	REC14 0	REC15 0	REC16 125	REC17 110	REC18 100	REC19 100	REC20 95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.4	.3	.1	.1
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.1	.2	.1	.2	.0	.1	.0	.2	.3	.1	.1	.0	.0	.1	.1	.2	.1	.1
30	*	.0	.0	.1	.1	.1	.1	.1	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1	.1	.1
31	*	.0	.0	.1	.1	.2	.0	.0	.5	.5	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0
32	*	.0	.0	.0	.0	.0	.3	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.3	.3

1

JOB: S6 NB15 AM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:13:53.16

RUN: S6 NB15 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 290	REC23 60	REC24 25	REC25 70	REC26 25	REC27 10
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.0	.0	.0	.1	.1	.1
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.0	.0	.0	.0	.0
36	*	.2	.0	.0	.0	.0	.0	.0
37	*	.1	.0	.2	.2	.0	.0	.0

S6NB15PM.DAT

S6 NB15 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955. 536390. 5.		
REC 2 SE CORNER	252983. 536599. 5.		
REC 3 SE CORNER	252951. 536675. 5.		
REC 4 SE CORNER	252938. 536767. 5.		
REC 5 82' ES CORNER	253015. 536774. 5.		
REC 6 164' ES CORNER	253097. 536779. 5.		
REC 7 400' ES CORNER	253336. 536761. 5.		
REC 8 400' EN CORNER	253354. 536843. 5.		
REC 9 164' EN CORNER	253116. 536860. 5.		
REC 10 82' EN CORNER	253035. 536875. 5.		
REC 11 NE CORNER	252972. 536876. 5.		
REC 12 82' NE CORNER	252958. 536901. 5.		
REC 13 164' NE CORNE	252963. 536983. 5.		
REC 14 400' NE CORNE	252966. 537217. 5.		
REC 15 400' NW CORNE	252892. 537246. 5.		
REC 16 164' NW CORNE	252869. 537013. 5.		
REC 17 82' NW CORNER	252862. 536928. 5.		
REC 18 NW CORNER	252847. 536878. 5.		
REC 19 82' WN CORNER	252761. 536870. 5.		
REC 20 164' WN CORNE	252673. 536870. 5.		
REC 21 400' WN CORNE	252467. 536845. 5.		
REC 22 400' WS CORNE	252464. 536777. 5.		
REC 23 164' WS CORNE	252704. 536763. 5.		
REC 24 82' WS CORNER	252782. 536760. 5.		
REC 25 SW CORNER	252864. 536751. 5.		
REC 26 SW CORNER	252886. 536694. 5.		
REC 27 SW CORNER	252871. 536639. 5.		
S6 NB15 PM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	125 3.1 0. 44. 30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 24. 2
150	117 3.0 125 33.4 950 3 3	
3	NB PERRY DAG252915.536788.252933.536839.	850 3.1 0. 44. 30.
4	NB PERRY DAG252933.536839.252943.537035.	850 3.1 0. 44. 30.
5	NB PERRY DAG252943.537035.252936.537136.	850 3.1 0. 44. 30.
6	NB PERRY DAG252936.537136.252949.537333.	850 3.1 0. 44. 30.
7	NB PERRY DAG252949.537333.252923.537483.	850 3.1 0. 44. 30.
8	NB PERRY DAG252923.537483.252866.537616.	850 3.1 0. 44. 30.
9	SB PERRY PAG252843.537607.252897.537484.	600 3.1 0. 44. 30.
10	SB PERRY PAG252897.537484.252922.537366.	600 3.1 0. 44. 30.
11	SB PERRY PAG252922.537366.252922.537227.	600 3.1 0. 44. 30.
12	SB PERRY PAG252922.537227.252909.537075.	600 3.1 0. 44. 30.
13	SB PERRY PAG252909.537075.252898.536984.	600 3.1 0. 56. 30.
14	SB PERRY TAG252898.536984.252889.536776.	550 3.1 0. 44. 30.
150	127 3.0 550 33.4 1158 3 3	
16	SB PERRY RAG252892.536991.252884.536878.	50 3.1 0. 32. 30.
17	SB PERRY RAG252884.536878.252819.536803.	50 3.1 0. 32. 30.
18	SB PERRY RAG252841.536829.252882.536876.	0. 24. 2
150	127 3.0 50 33.4 1583 3 3	
19	ENT PARKLOAG252890.536776.252898.536716.	200 3.1 0. 32. 30.
0	117 EB L AG252887.536811.252613.536808.	25 3.1 0. 44. 30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24. 2
150	142 3.0 25 33.4 1717 3 3	
0	117 EB TH AG252895.536788.252612.536786.	2250 3.1 0. 44. 30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24. 2
150	35 3.0 2250 33.4 1766 3 3	
0	117 EB ALLAG252611.536795.251901.536824.	2275 3.1 0. 56. 30.
0	117 EB Dp AG253893.536692.253586.536754.	2800 3.1 0. 56. 30.
0	117 EB Dp AG253586.536754.253297.536775.	2800 3.1 0. 56. 30.
0	117 EB Dp AG253297.536775.253058.536792.	2800 3.1 0. 56. 30.
0	117 EB Dp AG253058.536792.252896.536790.	2800 3.1 0. 56. 30.
0	117 WB Ap AG252902.536838.253107.536836.	2925 3.1 0. 68. 30.
0	117 WB ap AG252989.536837.253084.536836.	0. 48. 4
150	40 3.0 2925 33.4 1632 3 3	
0	117 WB Ap AG253108.536836.253356.536818.	2925 3.1 0. 68. 30.
0	117 WB Ap AG253356.536818.253714.536775.	2925 3.1 0. 68. 30.
0	117 WB Ap AG253714.536775.253899.536742.	2925 3.1 0. 68. 30.
0	117 WB dp AG251903.536849.252279.536832.	2075 3.1 0. 44. 30.
0	117 WB dp AG252279.536832.252517.536832.	2075 3.1 0. 44. 30.

S6NB15PM.DAT

JOB: S6 NB15 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:26:39.65

RUN: S6 NB15 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.6	536716.4	*	40.	183. AG	140.	100.0	.0	24.0	.35 2.0
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	850.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	850.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	850.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	850.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	850.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	850.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	600.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	600.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	600.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	600.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	600.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	550.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252958.1	538501.1	*	1653.	2. AG	152.	100.0	.0	24.0	1.99 84.0
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	50.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	50.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252852.4	536842.1	*	17.	41. AG	152.	100.0	.0	24.0	.13 .9
19. 19	ENT PARKLO	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	200.	3.1	.0	32.0	
20. 0	117 EB L	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT	252833.0	536810.0	252823.7	536810.0	*	9.	270. AG	170.	100.0	.0	24.0	.35 .5
22. 0	117 EB TH	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2250.	3.1	.0	44.0	
23. 0	117 EB TH	252847.0	536787.0	252627.5	536785.4	*	220.	270. AG	42.	100.0	.0	24.0	.87 11.2
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2275.	3.1	.0	56.0	
25. 0	117 EB Dp	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2800.	3.1	.0	56.0	
26. 0	117 EB Dp	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2800.	3.1	.0	56.0	
27. 0	117 EB Dp	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2800.	3.1	.0	56.0	
28. 0	117 EB Dp	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2800.	3.1	.0	56.0	
29. 0	117 WB Ap	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2925.	3.1	.0	68.0	
30. 0	117 WB ap	252989.0	536837.0	253148.9	536835.3	*	160.	90. AG	96.	100.0	.0	48.0	.64 8.1
31. 0	117 WB Ap	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2925.	3.1	.0	68.0	
32. 0	117 WB Ap	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2925.	3.1	.0	68.0	
33. 0	117 WB Ap	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2925.	3.1	.0	68.0	
34. 0	117 WB dp	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2075.	3.1	.0	44.0	
35. 0	117 WB dp	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2075.	3.1	.0	44.0	
36. 0	117 WB dp	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2075.	3.1	.0	44.0	
37. 0	117 WB dp	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2075.	3.1	.0	56.0	

JOB: S6 NB15 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:26:39.65

RUN: S6 NB15 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	117	3.0	125	950	33.40	3	3
15. 15	SB PERRY T*	150	127	3.0	550	1158	33.40	3	3
18. 18	SB PERRY R*	150	127	3.0	50	1583	33.40	3	3
21. 0	117 EB LT	150	142	3.0	25	1717	33.40	3	3
23. 0	117 EB TH	150	35	3.0	2250	1766	33.40	3	3
30. 0	117 WB ap	150	40	3.0	2925	1632	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 NB15 PM MD 117 & PERRY PKWY

RUN: S6 NB15 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.4	.4	1.0	.8	.8	.4	.0	.1	.1	.2	.3	.3	.3	.7	.4	.3	.3	.1	.0
5.	.1	.3	.4	.8	.8	.6	.4	.0	.0	.1	.1	.3	.2	.3	.8	.5	.4	.3	.1	.1
10.	.1	.4	.3	.6	.7	.6	.5	.0	.0	.0	.1	.2	.1	.1	.9	.5	.5	.4	.2	.1
15.	.0	.3	.4	.6	.7	.6	.4	.0	.0	.0	.0	.1	.0	.1	1.0	.6	.5	.4	.2	.1
20.	.0	.2	.3	.5	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	1.0	.6	.5	.4	.2	.1
25.	.0	.1	.3	.5	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.9	.5	.5	.4	.2	.1
30.	.0	.2	.3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.8	.5	.5	.4	.2	.1
35.	.0	.2	.3	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.4	.2	.1
40.	.0	.2	.4	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.8	.6	.4	.3	.2	.1
45.	.0	.2	.5	.6	.8	.6	.5	.0	.1	.0	.0	.0	.0	.0	.8	.5	.4	.3	.2	.1
50.	.0	.2	.3	.7	.9	.6	.5	.0	.1	.0	.0	.0	.0	.0	.8	.5	.4	.3	.2	.1
55.	.0	.2	.2	.8	.8	.6	.5	.0	.1	.0	.0	.0	.0	.0	.8	.5	.4	.3	.2	.1
60.	.0	.1	.2	.8	.8	.6	.6	.1	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.2	.1
65.	.0	.0	.2	.8	.8	.6	.6	.1	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
70.	.0	.0	.2	.8	.8	.6	.6	.1	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
75.	.0	.0	.1	.8	.8	.8	.7	.1	.3	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
80.	.0	.0	.0	.7	.7	.9	.7	.2	.3	.1	.1	.0	.0	.0	.7	.5	.4	.4	.3	.2
85.	.0	.0	.0	.6	.8	.9	.8	.3	.5	.2	.3	.0	.0	.0	.7	.5	.4	.5	.3	.3
90.	.0	.0	.0	.5	.8	.8	.8	.3	.6	.4	.4	.1	.0	.0	.7	.5	.4	.6	.4	.4
95.	.0	.0	.0	.3	.7	.8	.7	.4	.7	.5	.6	.2	.0	.0	.7	.5	.4	.7	.5	.4
100.	.0	.0	.0	.3	.5	.5	.7	.6	.8	.8	.7	.4	.0	.0	.7	.5	.7	.8	.7	.4
105.	.0	.0	.0	.2	.3	.5	.5	.6	.9	.9	.8	.4	.0	.0	.6	.5	.7	.9	.5	.6
110.	.0	.0	.0	.1	.2	.3	.3	.6	.9	.8	.8	.4	.1	.0	.6	.5	.8	.8	.5	.5
115.	.0	.0	.0	.1	.2	.3	.3	.6	.8	.8	.8	.6	.1	.0	.6	.5	.8	.8	.4	.4
120.	.0	.0	.0	.1	.1	.2	.2	.8	.8	.7	.8	.6	.1	.0	.6	.5	.7	.6	.4	.3
125.	.0	.0	.0	.1	.1	.2	.2	.7	.8	.8	.8	.5	.3	.0	.6	.8	1.0	.4	.4	.3
130.	.0	.0	.0	.0	.1	.1	.1	.6	.9	.8	.7	.5	.3	.0	.7	.7	.8	.4	.3	.4
135.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.9	.7	.6	.4	.0	.7	.6	.7	.4	.3	.4
140.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.7	.7	.5	.3	.0	.7	.6	.7	.4	.3	.4
145.	.0	.0	.0	.0	.1	.1	.1	.5	.8	.7	.6	.4	.3	.0	.8	.6	.6	.3	.3	.4
150.	.0	.0	.0	.0	.0	.2	.1	.5	.8	.7	.6	.4	.3	.0	.9	.6	.6	.4	.3	.4
155.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.2	.0	.8	.6	.6	.5	.4	.4
160.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.3	.0	.9	.7	.6	.4	.4	.4
165.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.3	.3	.0	.9	.7	.5	.4	.4	.4
170.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.8	.5	.3	.3	.0	.9	.4	.2	.4	.4	.4
175.	.0	.0	.0	.0	.1	.1	.1	.4	.8	.7	.4	.3	.3	.0	.8	.3	.3	.4	.4	.4
180.	.0	.0	.0	.0	.1	.1	.1	.5	.7	.7	.4	.4	.3	.1	.7	.3	.3	.4	.4	.4
185.	.0	.0	.0	.1	.1	.1	.1	.5	.8	.7	.4	.4	.3	.2	.5	.2	.2	.4	.4	.4
190.	.0	.0	.0	.1	.0	.1	.1	.5	.8	.6	.4	.4	.3	.3	.4	.2	.2	.4	.4	.3
195.	.0	.0	.0	.1	.0	.1	.1	.4	.8	.5	.3	.4	.4	.3	.3	.2	.2	.4	.4	.3
200.	.0	.0	.0	.2	.0	.1	.1	.3	.6	.6	.3	.4	.3	.4	.2	.2	.2	.4	.4	.3
205.	.0	.0	.0	.2	.1	.1	.1	.4	.7	.6	.3	.4	.3	.4	.1	.2	.2	.4	.4	.3

1

JOB: S6 NB15 PM MD 117 & PERRY PKWY

RUN: S6 NB15 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.1	.1	.1	.4	.7	.7	.3	.4	.4	.4	.0	.2	.2	.5	.4	.3
215.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.4	.3	.5	.4	.0	.2	.2	.4	.4	.3
220.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.5	.5	.5	.4	.0	.1	.2	.4	.4	.4
225.	.0	.0	.0	.3	.1	.1	.1	.5	.9	.6	.4	.5	.5	.4	.0	.1	.2	.4	.3	.3
230.	.0	.0	.0	.3	.1	.2	.1	.5	1.0	.6	.5	.5	.5	.4	.0	.0	.2	.4	.3	.3
235.	.0	.0	.0	.3	.2	.1	.1	.4	.9	.6	.5	.5	.4	.4	.0	.0	.2	.4	.3	.3
240.	.0	.0	.0	.3	.2	.1	.1	.6	.9	.6	.5	.6	.4	.4	.0	.1	.1	.3	.4	.3
245.	.0	.0	.0	.3	.2	.3	.3	.6	.9	.7	.6	.5	.4	.3	.0	.1	.2	.3	.4	.3
250.	.0	.0	.0	.3	.3	.3	.3	.6	1.1	.6	.6	.5	.4	.3	.0	.1	.2	.4	.4	.5
255.	.0	.0	.0	.3	.3	.3	.3	.5	1.1	.7	.6	.6	.4	.3	.0	.1	.1	.3	.4	.5
260.	.0	.0	.0	.3	.5	.4	.4	.7	1.2	.6	.6	.5	.3	.3	.0	.0	.1	.3	.4	.4
265.	.0	.0	.0	.6	.5	.5	.4	.7	1.0	.5	.6	.5	.3	.3	.0	.0	.1	.2	.3	.3
270.	.0	.0	.0	.6	.7	.6	.5	.7	.8	.4	.6	.3	.3	.3	.0	.0	.0	.2	.2	.3
275.	.0	.0	.1	.7	.7	.8	.8	.6	.6	.3	.5	.3	.3	.3	.0	.0	.0	.1	.2	.1
280.	.0	.0	.1	.7	.6	.8	.8	.3	.6	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.1	.2	.6	.7	.8	.9	.4	.4	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.1	.2	.5	.7	.9	1.0	.3	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.5	.6	.9	.9	.2	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.7	.8	.8	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.1	.3	.5	.8	.9	.7	.2	.2	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
310.	.0	.1	.3	.5	.6	.9	.7	.2	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.5	.6	.9	.7	.2	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.6	.7	.8	.7	.2	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
325.	.0	.0	.3	.7	.8	.8	.6	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
330.	.0	.1	.4	.8	.8	.7	.5	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.8	.8	.7	.5	.1	.1	.2	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0
340.	.0	.2	.3	.8	.8	.7	.5	.1	.1	.2	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0
345.	.1	.3	.5	.8	.8	.7	.5	.1	.1	.2	.4	.4	.5	.4	.2	.1	.1	.0	.0	.0
350.	.1	.4	.5	1.0	.9	.7	.4	.0	.1	.2	.4	.4	.5	.4	.3	.1	.1	.0	.0	.0
355.	.1	.4	.4	1.0	.9	.7	.4	.0	.1	.1	.3	.4	.4	.4	.5	.3	.2	.2	.0	.0
360.	.1	.4	.4	1.0	.8	.8	.4	.0	.1	.1	.2	.3	.3	.3	.7	.4	.3	.3	.1	.0
MAX DEGR.	.1	.4	.5	1.0	.9	.9	1.0	.8	1.2	.9	.8	.6	.5	.4	1.0	.8	1.0	.9	.7	.6

1

JOB: S6 NB15 PM MD 117 & PERRY PKWY

RUN: S6 NB15 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.5	.6	.6	.3
5.	.0	.3	.5	.6	.7	.7	.2
10.	.0	.3	.5	.6	.8	.5	.4
15.	.0	.3	.5	.6	.7	.6	.5
20.	.1	.4	.6	.6	.7	.5	.4
25.	.1	.4	.6	.6	.8	.5	.3
30.	.1	.4	.5	.6	.4	.4	.3
35.	.1	.4	.5	.6	.4	.5	.4
40.	.2	.6	.6	.6	.3	.5	.3
45.	.2	.6	.6	.5	.4	.5	.3
50.	.2	.6	.6	.7	.6	.5	.3
55.	.2	.5	.6	.7	.6	.4	.2
60.	.2	.5	.6	.6	.6	.6	.2
65.	.2	.5	.7	.6	.4	.5	.2
70.	.2	.6	.6	.7	.7	.2	.1
75.	.4	.6	.7	.6	.7	.2	.0
80.	.5	.6	.6	.7	.7	.1	.0
85.	.4	.5	.6	.5	.5	.1	.0
90.	.5	.4	.4	.3	.4	.0	.0
95.	.6	.3	.2	.3	.4	.0	.0
100.	.6	.3	.1	.2	.2	.0	.0
105.	.5	.1	.1	.1	.2	.0	.0
110.	.7	.1	.1	.0	.2	.0	.0
115.	.7	.1	.0	.0	.2	.0	.0
120.	.6	.1	.0	.0	.2	.0	.0
125.	.5	.0	.0	.0	.1	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 NB15 PM MD 117 & PERRY PKWY

RUN: S6 NB15 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.5	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.1	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0
250.	.7	.1	.0	.0	.0	.0	.0
255.	.7	.1	.1	.1	.0	.0	.0
260.	.7	.2	.2	.2	.0	.0	.0
265.	.7	.3	.2	.2	.2	.0	.0
270.	.7	.4	.4	.4	.2	.0	.0
275.	.5	.5	.5	.4	.4	.1	.0
280.	.5	.6	.6	.5	.4	.1	.1
285.	.2	.6	.8	.5	.5	.2	.1
290.	.2	.6	.7	.6	.4	.2	.1
295.	.1	.5	.6	.5	.4	.1	.1
300.	.1	.4	.6	.5	.4	.1	.0
305.	.1	.4	.5	.5	.4	.3	.1
310.	.1	.4	.6	.5	.4	.3	.1
315.	.1	.4	.6	.5	.4	.3	.1
320.	.1	.4	.5	.4	.4	.2	.2
325.	.0	.4	.4	.4	.4	.2	.2
330.	.0	.3	.4	.4	.4	.2	.2
335.	.0	.3	.4	.4	.3	.2	.2
340.	.0	.3	.4	.4	.3	.3	.2
345.	.0	.3	.4	.4	.5	.3	.3
350.	.0	.3	.4	.4	.6	.4	.3
355.	.0	.3	.4	.5	.6	.4	.4
360.	.0	.3	.4	.5	.6	.6	.3

MAX DEGR.	110	40	285	50	25	5	15
	.7	.6	.8	.7	.8	.7	.5

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 260 DEGREES FROM REC9 .
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 290 DEGREES FROM REC7 .
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 0 DEGREES FROM REC4 .

1

JOB: S6 NB15 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:26:39.65

RUN: S6 NB15 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 0	REC3 45	REC4 0	REC5 50	REC6 80	REC7 290	REC8 120	REC9 260	REC10 105	REC11 110	REC12 115	REC13 215	REC14 200	REC15 15	REC16 125	REC17 125	REC18 105	REC19 100	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	*	.1	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.9	.4	.4	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.1	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.1	.0	.1	.5	.3	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0
28	*	.0	.1	.1	.3	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
29	*	.0	.1	.1	.2	.2	.0	.1	.0	.4	.2	.3	.2	.0	.0	.0	.1	.2	.2	.1	.1
30	*	.0	.0	.1	.0	.2	.0	.1	.0	.4	.2	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0
31	*	.0	.0	.1	.0	.1	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.3

1

JOB: S6 NB15 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:26:39.65

RUN: S6 NB15 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21	REC22	REC23	REC24	REC25	REC26	REC27
		110	40	285	50	25	5	15
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.1	.0	.0
15	*	.0	.1	.0	.1	.2	.3	.2
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.3	.3	.2	.1	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.2	.3	.2	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.1
29	*	.0	.0	.0	.1	.1	.1	.1
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.3	.1	.1	.0	.0	.0	.0
36	*	.1	.1	.1	.0	.0	.0	.0
37	*	.0	.0	.0	.1	.1	.0	.0

S6B115AM.DAT

S6 B115 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955. 536390. 5.		
REC 2 SE CORNER	252983. 536599. 5.		
REC 3 SE CORNER	252951. 536675. 5.		
REC 4 SE CORNER	252938. 536767. 5.		
REC 5 82' ES CORNER	253015. 536774. 5.		
REC 6 164' ES CORNER	253097. 536779. 5.		
REC 7 400' ES CORNER	253336. 536761. 5.		
REC 8 400' EN CORNER	253354. 536843. 5.		
REC 9 164' EN CORNER	253116. 536860. 5.		
REC 10 82' EN CORNER	253035. 536875. 5.		
REC 11 NE CORNER	252972. 536876. 5.		
REC 12 82' NE CORNER	252958. 536901. 5.		
REC 13 164' NE CORNE	252963. 536983. 5.		
REC 14 400' NE CORNE	252966. 537217. 5.		
REC 15 400' NW CORNE	252892. 537246. 5.		
REC 16 164' NW CORNE	252869. 537013. 5.		
REC 17 82' NW CORNER	252862. 536928. 5.		
REC 18 NW CORNER	252847. 536878. 5.		
REC 19 82' WN CORNER	252761. 536870. 5.		
REC 20 164' WN CORNE	252673. 536870. 5.		
REC 21 400' WN CORNE	252467. 536845. 5.		
REC 22 400' WS CORNE	252464. 536777. 5.		
REC 23 164' WS CORNE	252704. 536763. 5.		
REC 24 82' WS CORNER	252782. 536760. 5.		
REC 25 SW CORNER	252864. 536751. 5.		
REC 26 SW CORNER	252886. 536694. 5.		
REC 27 SW CORNER	252871. 536639. 5.		
S6 B115 AM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	125 3.1 0. 44. 30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 24. 2
150	125 3.0 125 33.4 1171 3 3	
3	NB PERRY DAG252915.536788.252933.536839.	600 3.1 0. 44. 30.
4	NB PERRY DAG252933.536839.252943.537035.	600 3.1 0. 44. 30.
5	NB PERRY DAG252943.537035.252936.537136.	600 3.1 0. 44. 30.
6	NB PERRY DAG252936.537136.252949.537333.	600 3.1 0. 44. 30.
7	NB PERRY DAG252949.537333.252923.537483.	600 3.1 0. 44. 30.
8	NB PERRY DAG252923.537483.252866.537616.	600 3.1 0. 44. 30.
9	SB PERRY PAG252843.537607.252897.537484.	275 3.1 0. 44. 30.
10	SB PERRY PAG252897.537484.252922.537366.	275 3.1 0. 44. 30.
11	SB PERRY PAG252922.537366.252922.537227.	275 3.1 0. 44. 30.
12	SB PERRY PAG252922.537227.252909.537075.	275 3.1 0. 44. 30.
13	SB PERRY PAG252909.537075.252898.536984.	275 3.1 0. 56. 30.
14	SB PERRY TAG252898.536984.252889.536776.	250 3.1 0. 44. 30.
150	125 3.0 250 33.4 1141 3 3	0. 24. 2
16	SB PERRY RAG252892.536991.252884.536878.	25 3.1 0. 32. 30.
17	SB PERRY RAG252884.536878.252819.536803.	25 3.1 0. 32. 30.
18	SB PERRY RAG252841.536829.252882.536876.	0. 24. 2
150	125 3.0 25 33.4 1583 3 3	
19	ENT PARKLOAG252890.536776.252898.536716.	125 3.1 0. 32. 30.
0	117 EB L AG252887.536811.252613.536808.	25 3.1 0. 44. 30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24. 2
150	140 3.0 25 33.4 1717 3 3	
0	117 EB TH AG252895.536788.252612.536786.	1050 3.1 0. 44. 30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24. 2
150	23 3.0 1050 33.4 1764 3 3	
0	117 EB ALLAG252611.536795.251901.536824.	1075 3.1 0. 56. 30.
0	117 EB Dp AG253893.536692.253586.536754.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253586.536754.253297.536775.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253297.536775.253058.536792.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253058.536792.252896.536790.	1300 3.1 0. 56. 30.
0	117 WB Ap AG252902.536838.253107.536836.	3350 3.1 0. 56. 30.
0	117 WB ap AG252989.536837.253084.536836.	0. 36. 3
150	28 3.0 3350 33.4 1565 3 3	
0	117 WB Ap AG253108.536836.253356.536818.	3350 3.1 0. 56. 30.
0	117 WB Ap AG253356.536818.253714.536775.	3350 3.1 0. 56. 30.
0	117 WB Ap AG253714.536775.253899.536742.	3350 3.1 0. 56. 30.
0	117 WB dp AG251903.536849.252279.536832.	2800 3.1 0. 44. 30.
0	117 WB dp AG252279.536832.252517.536832.	2800 3.1 0. 44. 30.

S6B115AM.DAT

JOB: S6 B115 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:25:37.10

RUN: S6 B115 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.4	536713.7	*	42.	183. AG	149.	100.0	.0	24.0	.40 2.2
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	600.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	600.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	600.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	600.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	600.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	600.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252896.0	536949.7	*	101.	2. AG	149.	100.0	.0	24.0	.82 5.1
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252846.4	536835.2	*	8.	41. AG	149.	100.0	.0	24.0	.06 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	125.	3.1	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	167.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1050.	3.1	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252781.0	536786.5	*	66.	270. AG	27.	100.0	.0	24.0	.37 3.4
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1075.	3.1	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1300.	3.1	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1300.	3.1	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1300.	3.1	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1300.	3.1	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3350.	3.1	.0	56.0	
30. 0	117 WB ap*	252989.0	536837.0	253197.5	536834.8	*	208.	91. AG	50.	100.0	.0	36.0	.91 10.6
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3350.	3.1	.0	56.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3350.	3.1	.0	56.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3350.	3.1	.0	56.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2800.	3.1	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2800.	3.1	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2800.	3.1	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2800.	3.1	.0	56.0	

JOB: S6 B115 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:25:37.10

RUN: S6 B115 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	125	3.0	125	1171	33.40	3	3
15. 15	SB PERRY T*	150	125	3.0	250	1141	33.40	3	3
18. 18	SB PERRY R*	150	125	3.0	25	1583	33.40	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	33.40	3	3
23. 0	117 EB TH*	150	23	3.0	1050	1764	33.40	3	3
30. 0	117 WB ap*	150	28	3.0	3350	1565	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B115 AM MD 117 & PERRY PKWY

RUN: S6 B115 AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
40.	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
45.	.0	.1	.2	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
50.	.0	.1	.1	.5	.5	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
55.	.0	.1	.1	.5	.5	.6	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
60.	.0	.1	.1	.6	.5	.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
65.	.0	.1	.1	.6	.6	.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
70.	.0	.1	.1	.5	.6	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0
75.	.0	.1	.1	.6	.5	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
80.	.0	.1	.1	.5	.5	.5	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2
85.	.0	.0	.0	.4	.4	.5	.4	.3	.4	.1	.2	.0	.0	.0	.0	.0	.3	.4	.3	.3
90.	.0	.0	.0	.4	.4	.4	.4	.3	.6	.3	.3	.1	.0	.0	.0	.0	.3	.5	.5	.4
95.	.0	.0	.0	.1	.4	.4	.3	.4	.6	.5	.5	.2	.0	.0	.0	.0	.4	.7	.5	.5
100.	.0	.0	.0	.1	.2	.3	.3	.5	.7	.5	.5	.3	.0	.0	.0	.0	.5	.8	.6	.4
105.	.0	.0	.0	.1	.2	.2	.2	.5	.7	.6	.6	.4	.1	.0	.0	.0	.5	.7	.4	.4
110.	.0	.0	.0	.0	.1	.2	.2	.6	.8	.6	.6	.3	.2	.0	.0	.1	.6	.5	.4	.3
115.	.0	.0	.0	.0	.1	.1	.1	.7	.8	.6	.6	.4	.1	.0	.0	.1	.7	.6	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	.7	.8	.6	.6	.4	.1	.0	.0	.1	.6	.6	.3	.3
125.	.0	.0	.0	.0	.0	.1	.1	.6	.8	.6	.5	.4	.1	.0	.0	.2	.6	.6	.3	.4
130.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.2	.0	.0	.1	.6	.5	.3	.4
135.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.2	.0	.0	.1	.6	.5	.3	.4
140.	.0	.0	.0	.0	.0	.1	.0	.5	.7	.5	.5	.3	.2	.0	.0	.2	.5	.4	.3	.4
145.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.5	.5	.3	.1	.0	.0	.2	.4	.2	.4	.4
150.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.5	.5	.3	.1	.0	.0	.2	.4	.3	.4	.4
155.	.0	.0	.0	.0	.0	.1	.1	.5	.6	.4	.5	.3	.1	.0	.0	.3	.5	.3	.3	.4
160.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.5	.3	.1	.0	.0	.3	.4	.3	.3	.3
165.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.4	.3	.1	.0	.0	.3	.3	.2	.3	.3
170.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.4	.3	.1	.0	.0	.3	.2	.2	.4	.4
175.	.0	.0	.0	.0	.0	.1	.1	.5	.6	.5	.4	.3	.1	.0	.0	.3	.2	.3	.4	.4
180.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.5	.4	.3	.2	.0	.0	.2	.2	.3	.4	.4
185.	.0	.0	.0	.1	.0	.1	.1	.4	.7	.5	.4	.3	.2	.0	.0	.2	.1	.3	.4	.4
190.	.0	.0	.0	.1	.0	.1	.1	.5	.6	.5	.4	.4	.2	.0	.0	.2	.1	.3	.4	.4
195.	.0	.0	.0	.2	.0	.1	.1	.5	.6	.5	.4	.3	.3	.1	.0	.1	.1	.3	.3	.2
200.	.0	.0	.0	.2	.0	.1	.0	.4	.7	.5	.5	.3	.3	.1	.0	.1	.1	.2	.3	.2
205.	.0	.0	.0	.3	.0	.1	.0	.4	.6	.5	.5	.3	.4	.1	.0	.1	.1	.2	.3	.2

1

JOB: S6 B115 AM MD 117 & PERRY PKWY

RUN: S6 B115 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.0	.0	.0	.4	.6	.5	.5	.3	.4	.1	.0	.1	.1	.2	.4	.2
215.	.0	.0	.0	.3	.0	.1	.0	.4	.6	.5	.4	.4	.4	.1	.0	.1	.1	.3	.4	.3
220.	.0	.0	.0	.3	.0	.1	.0	.3	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
225.	.0	.0	.0	.3	.0	.1	.1	.4	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
230.	.0	.0	.0	.3	.0	.1	.1	.5	.7	.5	.4	.4	.4	.1	.0	.1	.1	.4	.3	.3
235.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.5	.4	.4	.4	.1	.0	.0	.1	.3	.3	.4
240.	.0	.0	.0	.3	.2	.1	.1	.5	.8	.4	.3	.6	.3	.1	.0	.0	.1	.3	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.5	.5	.3	.1	.0	.0	.1	.3	.4	.5
250.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.5	.5	.2	.1	.0	.0	.1	.3	.4	.5
255.	.0	.0	.0	.1	.2	.2	.2	.6	.8	.5	.5	.5	.2	.1	.0	.0	.1	.3	.6	.5
260.	.0	.0	.0	.3	.2	.2	.2	.7	.8	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.5
265.	.0	.0	.0	.3	.3	.2	.2	.7	.6	.4	.5	.4	.1	.1	.0	.0	.0	.2	.5	.4
270.	.0	.0	.0	.2	.4	.4	.2	.7	.7	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.5	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.3	.3	.4	.4	.4	.3	.1	.3	.3	.1	.1	.0	.0	.0	.0	.1	.0
285.	.0	.0	.0	.3	.4	.5	.4	.2	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.4	.4	.6	.6	.2	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.4	.7	.5	.1	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.6	.6	.4	.1	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.6	.7	.5	.1	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.1	.2	.3	.5	.6	.4	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.2	.4	.5	.4	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.4	.4	.5	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.2	.3	.4	.4	.4	.3	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.2	.3	.4	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.4	.3	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.0	.2	.5	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
345.	.0	.1	.3	.5	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.2	.3	.6	.6	.7	.6	.7	.8	.6	.6	.6	.4	.1	.0	.3	.7	.8	.6	.5

1

JOB: S6 B115 AM MD 117 & PERRY PKWY

RUN: S6 B115 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.3	.3	.3	.3	.3	.2
5.	.1	.3	.3	.3	.3	.3	.4	.2
10.	.0	.3	.3	.4	.3	.3	.3	.3
15.	.0	.3	.3	.4	.4	.4	.4	.2
20.	.0	.3	.3	.4	.4	.4	.4	.2
25.	.1	.3	.3	.5	.4	.5	.5	.2
30.	.1	.3	.3	.5	.4	.5	.5	.2
35.	.1	.3	.3	.5	.2	.5	.5	.2
40.	.1	.3	.3	.5	.3	.5	.5	.2
45.	.1	.3	.4	.4	.3	.4	.4	.1
50.	.1	.3	.4	.5	.3	.4	.4	.1
55.	.1	.3	.4	.5	.3	.3	.3	.1
60.	.1	.2	.4	.4	.3	.3	.3	.1
65.	.1	.3	.5	.4	.4	.2	.2	.1
70.	.3	.3	.4	.2	.5	.2	.2	.1
75.	.3	.4	.4	.4	.4	.1	.0	.0
80.	.4	.3	.3	.4	.4	.0	.0	.0
85.	.6	.3	.2	.4	.3	.0	.0	.0
90.	.6	.2	.1	.2	.3	.0	.0	.0
95.	.6	.1	.1	.1	.2	.0	.0	.0
100.	.6	.1	.1	.1	.2	.0	.0	.0
105.	.7	.1	.0	.1	.2	.0	.0	.0
110.	.5	.0	.0	.1	.2	.0	.0	.0
115.	.6	.0	.0	.0	.2	.0	.0	.0
120.	.6	.0	.0	.0	.2	.0	.0	.0
125.	.5	.0	.0	.0	.2	.0	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S6 B115 AM MD 117 & PERRY PKWY

RUN: S6 B115 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0	.0
230.	.5	.0	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0	.0
245.	.6	.0	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0	.0
270.	.7	.3	.2	.2	.1	.0	.0	.0
275.	.6	.4	.3	.2	.1	.0	.0	.0
280.	.5	.4	.3	.3	.1	.0	.0	.0
285.	.3	.4	.4	.3	.2	.0	.0	.0
290.	.2	.5	.4	.3	.2	.0	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0	.0
300.	.1	.4	.2	.3	.2	.1	.0	.0
305.	.1	.4	.3	.2	.3	.2	.0	.0
310.	.1	.3	.3	.2	.4	.2	.0	.0
315.	.1	.3	.3	.3	.4	.2	.1	.1
320.	.1	.3	.3	.3	.2	.2	.1	.1
325.	.1	.3	.2	.3	.2	.1	.1	.1
330.	.1	.3	.2	.3	.2	.1	.1	.1
335.	.1	.3	.2	.3	.2	.1	.1	.1
340.	.0	.3	.3	.3	.2	.1	.1	.1
345.	.0	.3	.3	.3	.2	.1	.1	.1
350.	.0	.3	.3	.3	.2	.2	.1	.1
355.	.1	.3	.3	.3	.3	.2	.1	.1
360.	.1	.3	.3	.3	.3	.3	.2	.2

MAX DEGR.	105	290	65	25	70	25	10
	.7	.5	.5	.5	.5	.5	.3

THE HIGHEST CONCENTRATION IS .80 PPM AT 255 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 100 DEGREES FROM REC18 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 295 DEGREES FROM REC6 .

1

JOB: S6 B115 AM MD 117 & PERRY PKWY
 DATE: 12/24/2006 TIME: 23:25:37.10

RUN: S6 B115 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	325	320	60	65	295	290	115	255	105	105	240	205	0	0	155	115	100	100	95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.0	.0	.2	.4	.3	.1	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.2	.1	.2	.1	.0	.4	.2	.3	.1	.1	.0	.1	.1	.2	.1	.1	
30	*	.0	.0	.0	.1	.1	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
31	*	.0	.0	.0	.1	.2	.0	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	.0	
32	*	.0	.0	.0	.0	.0	.0	.5	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.2	.1	.0	.0	.0	.0	.1	.3	.3	

1

JOB: S6 B115 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:25:37.10

RUN: S6 B115 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 290	REC23 65	REC24 25	REC25 70	REC26 25	REC27 10
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.0	.1	.0	.1	.1	.1
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.0	.0	.0	.0	.0
36	*	.2	.0	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.2	.0	.0	.0

S6B115PM.DAT

S6 B115 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1

REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.

S6 B115 PM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	125	3.1	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	114 3.0 125 33.4 1067 3 3					
3	NB PERRY DAG252915.536788.252933.536839.	875	3.1	0.	44.	30.
4	NB PERRY DAG252933.536839.252943.537035.	875	3.1	0.	44.	30.
5	NB PERRY DAG252943.537035.252936.537136.	875	3.1	0.	44.	30.
6	NB PERRY DAG252936.537136.252949.537333.	875	3.1	0.	44.	30.
7	NB PERRY DAG252949.537333.252923.537483.	875	3.1	0.	44.	30.
8	NB PERRY DAG252923.537483.252866.537616.	875	3.1	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	600	3.1	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	600	3.1	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	600	3.1	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	600	3.1	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	600	3.1	0.	56.	30.
14	SB PERRY TAG252898.536984.252889.536776.	575	3.1	0.	44.	30.
15	SB PERRY TAG252892.536849.252895.536924.	0.	24.	2		
150	114 3.0 575 33.4 1160 3 3					
16	SB PERRY RAG252892.536991.252884.536878.	25	3.1	0.	32.	30.
17	SB PERRY RAG252884.536878.252819.536803.	25	3.1	0.	32.	30.
18	SB PERRY RAG252841.536829.252882.536876.	0.	24.	2		
150	114 3.0 25 33.4 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	200	3.1	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	3.1	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	140 3.0 25 33.4 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	2000	3.1	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	34 3.0 2000 33.4 1767 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	2000	3.1	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	2575	3.1	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	2575	3.1	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	2575	3.1	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	2575	3.1	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	2700	3.1	0.	68.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	48.	4		
150	39 3.0 2700 33.4 1093 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	2700	3.1	0.	68.	30.
0	117 WB Ap AG253356.536818.253714.536775.	2700	3.1	0.	68.	30.
0	117 WB Ap AG253714.536775.253899.536742.	2700	3.1	0.	68.	30.
0	117 WB dp AG251903.536849.252279.536832.	1800	3.1	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	1800	3.1	0.	44.	30.

S6B115PM.DAT

JOB: S6 B115 PM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:45:32.77

RUN: S6 B115 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.7	536717.4	*	39.	183. AG	136.	100.0	.0	24.0	.28 2.0
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	875.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	875.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	875.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	875.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	875.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	875.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	600.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	600.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	600.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	600.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	600.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	575.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252921.6	537590.0	*	742.	2. AG	136.	100.0	.0	24.0	1.20 37.7
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252845.9	536834.7	*	7.	41. AG	136.	100.0	.0	24.0	.04 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	200.	3.1	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	167.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2000.	3.1	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252661.1	536785.7	*	186.	269. AG	41.	100.0	.0	24.0	.77 9.4
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2000.	3.1	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2575.	3.1	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2575.	3.1	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2575.	3.1	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2575.	3.1	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2700.	3.1	.0	68.0	
30. 0	117 WB ap*	252989.0	536837.0	253150.5	536835.3	*	161.	91. AG	93.	100.0	.0	48.0	.87 8.2
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2700.	3.1	.0	68.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2700.	3.1	.0	68.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2700.	3.1	.0	68.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1800.	3.1	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1800.	3.1	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1800.	3.1	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1800.	3.1	.0	56.0	

JOB: S6 B115 PM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:45:32.77

RUN: S6 B115 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	114	3.0	125	1067	33.40	3	3
15. 15	SB PERRY T*	150	114	3.0	575	1160	33.40	3	3
18. 18	SB PERRY R*	150	114	3.0	25	1583	33.40	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	33.40	3	3
23. 0	117 EB TH*	150	34	3.0	2000	1767	33.40	3	3
30. 0	117 WB ap*	150	39	3.0	2700	1093	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B115 PM MD 117 & PERRY PKWY

RUN: S6 B115 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.4	.9	.7	.5	.4	.0	.0	.0	.1	.3	.2	.2	.5	.3	.2	.2	.0	.0
5.	.1	.3	.3	.8	.6	.6	.4	.0	.0	.0	.1	.2	.1	.2	.6	.4	.3	.2	.1	.0
10.	.0	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0	.2	.1	.0	.7	.4	.4	.3	.1	.0
15.	.0	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.0
20.	.0	.2	.3	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.1
25.	.0	.1	.3	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.2	.1
30.	.0	.2	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.4	.4	.3	.2	.1
35.	.0	.2	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.2	.1
40.	.0	.2	.3	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.3	.2	.1
45.	.0	.2	.4	.6	.8	.6	.5	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.1
50.	.0	.2	.3	.6	.9	.6	.5	.0	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
55.	.0	.2	.2	.7	.8	.6	.5	.0	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
60.	.0	.0	.2	.7	.8	.7	.6	.1	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
65.	.0	.0	.2	.7	.8	.6	.6	.1	.1	.0	.0	.0	.0	.0	.7	.4	.3	.3	.1	.1
70.	.0	.0	.2	.7	.7	.6	.6	.1	.1	.0	.0	.0	.0	.0	.7	.4	.3	.3	.1	.1
75.	.0	.0	.1	.7	.6	.7	.6	.1	.2	.0	.0	.0	.0	.0	.7	.4	.3	.3	.1	.1
80.	.0	.0	.0	.7	.6	.8	.6	.2	.3	.1	.1	.0	.0	.0	.7	.4	.3	.4	.1	.2
85.	.0	.0	.0	.5	.7	.7	.8	.2	.4	.2	.3	.0	.0	.0	.7	.4	.3	.4	.3	.2
90.	.0	.0	.0	.5	.7	.7	.8	.3	.5	.3	.3	.1	.0	.0	.7	.4	.4	.6	.4	.3
95.	.0	.0	.0	.3	.6	.7	.7	.4	.7	.4	.4	.1	.0	.0	.7	.4	.4	.6	.4	.3
100.	.0	.0	.0	.3	.4	.5	.6	.6	.8	.6	.7	.3	.0	.0	.7	.4	.6	.7	.6	.3
105.	.0	.0	.0	.1	.3	.5	.5	.6	.9	.9	.6	.4	.0	.0	.6	.4	.6	.9	.4	.4
110.	.0	.0	.0	.1	.2	.3	.3	.6	.9	.8	.8	.4	.1	.0	.6	.4	.7	.8	.4	.3
115.	.0	.0	.0	.1	.2	.3	.2	.6	.8	.7	.8	.5	.1	.0	.6	.4	.6	.8	.4	.3
120.	.0	.0	.0	.1	.1	.2	.2	.6	.8	.7	.8	.6	.1	.0	.6	.4	.7	.6	.4	.3
125.	.0	.0	.0	.0	.1	.2	.2	.6	.7	.7	.7	.5	.2	.0	.6	.5	.7	.4	.3	.3
130.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.7	.7	.5	.3	.0	.6	.6	.7	.4	.3	.4
135.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.7	.7	.6	.4	.0	.6	.6	.6	.4	.3	.4
140.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.6	.7	.5	.3	.0	.7	.6	.6	.3	.3	.4
145.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.6	.4	.3	.0	.7	.5	.6	.2	.3	.4
150.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.5	.4	.2	.0	.8	.6	.6	.2	.3	.4
155.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.2	.0	.8	.6	.6	.3	.3	.4
160.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.3	.0	.8	.7	.6	.2	.4	.3
165.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.6	.4	.4	.3	.0	.9	.6	.5	.2	.4	.3
170.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.6	.4	.3	.3	.0	.9	.4	.2	.2	.4	.3
175.	.0	.0	.0	.0	.0	.1	.1	.4	.7	.5	.3	.3	.3	.0	.7	.2	.2	.3	.4	.3
180.	.0	.0	.0	.0	.1	.1	.1	.5	.7	.7	.3	.4	.3	.1	.6	.2	.2	.4	.4	.3
185.	.0	.0	.0	.1	.0	.1	.1	.5	.8	.6	.3	.4	.3	.2	.5	.1	.2	.3	.4	.3
190.	.0	.0	.0	.1	.0	.1	.1	.4	.7	.5	.3	.4	.3	.3	.4	.2	.2	.2	.4	.3
195.	.0	.0	.0	.1	.0	.1	.1	.3	.7	.5	.3	.4	.3	.3	.2	.1	.2	.2	.4	.3
200.	.0	.0	.0	.2	.0	.1	.1	.3	.6	.5	.3	.4	.3	.3	.1	.1	.2	.2	.4	.3
205.	.0	.0	.0	.2	.0	.1	.1	.3	.7	.5	.3	.4	.2	.4	.1	.1	.2	.2	.4	.3

1

JOB: S6 B115 PM MD 117 & PERRY PKWY

RUN: S6 B115 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.1	.1	.1	.3	.7	.5	.3	.3	.2	.4	.0	.1	.2	.4	.4	.2
215.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.3	.3	.4	.4	.0	.1	.2	.4	.3	.2
220.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.3	.5	.5	.4	.0	.1	.2	.4	.3	.2
225.	.0	.0	.0	.3	.1	.1	.1	.5	.9	.6	.4	.5	.5	.3	.0	.0	.2	.4	.3	.3
230.	.0	.0	.0	.3	.1	.1	.1	.5	1.0	.6	.4	.5	.5	.3	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.3	.1	.1	.1	.4	.9	.6	.5	.5	.4	.3	.0	.0	.2	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.4	.9	.6	.5	.6	.4	.3	.0	.0	.1	.3	.3	.3
245.	.0	.0	.0	.3	.2	.3	.2	.5	.9	.6	.6	.5	.3	.3	.0	.1	.1	.3	.4	.3
250.	.0	.0	.0	.3	.3	.3	.3	.5	.9	.6	.6	.5	.3	.3	.0	.1	.2	.4	.3	.3
255.	.0	.0	.0	.3	.3	.3	.3	.5	1.0	.5	.6	.4	.3	.3	.0	.0	.1	.3	.4	.4
260.	.0	.0	.0	.3	.5	.4	.4	.6	.9	.5	.6	.5	.3	.3	.0	.0	.1	.2	.4	.4
265.	.0	.0	.0	.4	.4	.5	.4	.7	.7	.4	.5	.5	.3	.3	.0	.0	.0	.2	.2	.3
270.	.0	.0	.0	.6	.4	.5	.4	.7	.8	.4	.5	.3	.3	.3	.0	.0	.0	.2	.2	.3
275.	.0	.0	.0	.7	.6	.7	.7	.6	.6	.2	.5	.3	.3	.3	.0	.0	.0	.0	.1	.1
280.	.0	.0	.1	.7	.6	.7	.8	.3	.5	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.6	.7	.8	.8	.3	.4	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.5	.7	.8	.8	.3	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.6	.8	.8	.2	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.4	.7	.8	.8	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.0	.3	.4	.6	.9	.7	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	.0	.1	.3	.5	.6	.9	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.4	.6	.9	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.3	.6	.6	.8	.6	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
325.	.0	.0	.3	.6	.7	.7	.5	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
330.	.0	.0	.2	.7	.8	.7	.4	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.7	.8	.7	.4	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
340.	.0	.1	.3	.7	.8	.7	.4	.0	.1	.1	.3	.4	.5	.4	.1	.0	.0	.0	.0	.0
345.	.1	.2	.5	.8	.7	.7	.4	.0	.1	.1	.3	.4	.5	.3	.1	.1	.0	.0	.0	.0
350.	.1	.3	.5	.8	.6	.7	.4	.0	.0	.1	.3	.3	.4	.3	.2	.1	.1	.0	.0	.0
355.	.1	.3	.4	1.0	.7	.6	.4	.0	.0	.1	.2	.3	.3	.3	.4	.2	.2	.1	.0	.0
360.	.1	.3	.4	.9	.7	.5	.4	.0	.0	.0	.1	.3	.2	.2	.5	.3	.2	.2	.0	.0
MAX DEGR.	.1	.3	.5	1.0	.9	.9	.8	.7	1.0	.9	.8	.6	.5	.4	.9	.7	.7	.9	.6	.4

1

JOB: S6 B115 PM MD 117 & PERRY PKWY

RUN: S6 B115 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.5	.5	.4	.2
5.	.0	.3	.4	.5	.7	.4	.2
10.	.0	.3	.5	.5	.7	.5	.3
15.	.0	.3	.5	.6	.7	.5	.4
20.	.0	.3	.5	.6	.6	.5	.4
25.	.0	.3	.5	.6	.5	.4	.3
30.	.0	.3	.5	.6	.5	.4	.3
35.	.0	.4	.5	.6	.4	.4	.3
40.	.1	.4	.5	.5	.3	.5	.3
45.	.2	.5	.5	.5	.3	.5	.3
50.	.2	.5	.6	.6	.5	.5	.2
55.	.2	.5	.6	.6	.5	.4	.1
60.	.2	.5	.6	.5	.4	.6	.2
65.	.2	.5	.7	.5	.4	.5	.2
70.	.2	.5	.6	.6	.6	.2	.1
75.	.3	.6	.7	.6	.7	.2	.0
80.	.3	.5	.6	.5	.7	.1	.0
85.	.4	.5	.5	.5	.4	.0	.0
90.	.4	.3	.4	.3	.4	.0	.0
95.	.6	.3	.2	.3	.4	.0	.0
100.	.6	.3	.1	.2	.2	.0	.0
105.	.5	.1	.1	.1	.2	.0	.0
110.	.5	.1	.0	.0	.2	.0	.0
115.	.6	.1	.0	.0	.2	.0	.0
120.	.5	.1	.0	.0	.2	.0	.0
125.	.4	.0	.0	.0	.1	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 B115 PM MD 117 & PERRY PKWY

RUN: S6 B115 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0
250.	.5	.1	.0	.0	.0	.0	.0
255.	.5	.1	.1	.0	.0	.0	.0
260.	.6	.2	.2	.1	.0	.0	.0
265.	.6	.2	.2	.2	.2	.0	.0
270.	.5	.3	.3	.3	.2	.0	.0
275.	.5	.4	.4	.4	.3	.1	.0
280.	.3	.6	.4	.4	.4	.1	.0
285.	.2	.6	.5	.4	.4	.2	.1
290.	.1	.5	.5	.5	.4	.2	.1
295.	.1	.4	.5	.5	.4	.1	.1
300.	.1	.4	.5	.5	.4	.1	.0
305.	.1	.4	.4	.4	.4	.2	.1
310.	.1	.4	.4	.4	.4	.2	.1
315.	.1	.3	.4	.4	.4	.2	.1
320.	.0	.3	.4	.4	.4	.2	.1
325.	.0	.3	.4	.4	.4	.2	.1
330.	.0	.3	.4	.4	.4	.2	.2
335.	.0	.3	.4	.4	.3	.2	.2
340.	.0	.3	.4	.4	.3	.2	.1
345.	.0	.3	.4	.4	.4	.3	.2
350.	.0	.3	.4	.4	.4	.3	.2
355.	.0	.3	.4	.4	.5	.4	.2
360.	.0	.3	.4	.5	.5	.4	.2

MAX DEGR.	95	75	65	15	5	60	15
	.6	.6	.7	.6	.7	.6	.4

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 355 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 230 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC18 .

1

JOB: S6 B115 PM MD 117 & PERRY PKWY
 DATE: 12/24/2006 TIME: 23:45:32.77

RUN: S6 B115 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* * *	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 0	REC3 345	REC4 355	REC5 50	REC6 305	REC7 280	REC8 265	REC9 230	REC10 105	REC11 110	REC12 120	REC13 220	REC14 205	REC15 165	REC16 160	REC17 110	REC18 105	REC19 100	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
15	*	.1	.1	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	.3	.8	.4	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.3	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
28	*	.0	.1	.1	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
29	*	.0	.1	.1	.2	.2	.1	.1	.1	.3	.2	.3	.2	.0	.0	.0	.1	.1	.2	.1	.1
30	*	.0	.0	.0	.0	.2	.2	.1	.1	.4	.2	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0
31	*	.0	.0	.0	.0	.1	.0	.1	.4	.1	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.2

1

JOB: S6 B115 PM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:45:32.77

RUN: S6 B115 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 95	REC22 75	REC23 65	REC24 15	REC25 5	REC26 60	REC27 15
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.1	.0	.0
15	*	.0	.0	.1	.2	.3	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.1	.3	.2	.2	.0	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.3	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.1	.0
28	*	.0	.0	.0	.0	.0	.1	.1
29	*	.0	.0	.1	.0	.0	.1	.1
30	*	.0	.0	.0	.0	.0	.1	.0
31	*	.0	.0	.0	.0	.0	.1	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.0	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0
37	*	.1	.1	.1	.1	.1	.0	.0

S6B215AM.DAT

S6 B215 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955. 536390. 5.		
REC 2 SE CORNER	252983. 536599. 5.		
REC 3 SE CORNER	252951. 536675. 5.		
REC 4 SE CORNER	252938. 536767. 5.		
REC 5 82' ES CORNER	253015. 536774. 5.		
REC 6 164' ES CORNER	253097. 536779. 5.		
REC 7 400' ES CORNER	253336. 536761. 5.		
REC 8 400' EN CORNER	253354. 536843. 5.		
REC 9 164' EN CORNER	253116. 536860. 5.		
REC 10 82' EN CORNER	253035. 536875. 5.		
REC 11 NE CORNER	252972. 536876. 5.		
REC 12 82' NE CORNER	252958. 536901. 5.		
REC 13 164' NE CORNE	252963. 536983. 5.		
REC 14 400' NE CORNE	252966. 537217. 5.		
REC 15 400' NW CORNE	252892. 537246. 5.		
REC 16 164' NW CORNE	252869. 537013. 5.		
REC 17 82' NW CORNER	252862. 536928. 5.		
REC 18 NW CORNER	252847. 536878. 5.		
REC 19 82' WN CORNER	252761. 536870. 5.		
REC 20 164' WN CORNE	252673. 536870. 5.		
REC 21 400' WN CORNE	252467. 536845. 5.		
REC 22 400' WS CORNE	252464. 536777. 5.		
REC 23 164' WS CORNE	252704. 536763. 5.		
REC 24 82' WS CORNER	252782. 536760. 5.		
REC 25 SW CORNER	252864. 536751. 5.		
REC 26 SW CORNER	252886. 536694. 5.		
REC 27 SW CORNER	252871. 536639. 5.		
S6 B215 AM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	125 3.1 0. 44. 30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 24. 2
150	125 3.0 125 33.4 1171 3 3	
3	NB PERRY DAG252915.536788.252933.536839.	600 3.1 0. 44. 30.
4	NB PERRY DAG252933.536839.252943.537035.	600 3.1 0. 44. 30.
5	NB PERRY DAG252943.537035.252936.537136.	600 3.1 0. 44. 30.
6	NB PERRY DAG252936.537136.252949.537333.	600 3.1 0. 44. 30.
7	NB PERRY DAG252949.537333.252923.537483.	600 3.1 0. 44. 30.
8	NB PERRY DAG252923.537483.252866.537616.	600 3.1 0. 44. 30.
9	SB PERRY PAG252843.537607.252897.537484.	275 3.1 0. 44. 30.
10	SB PERRY PAG252897.537484.252922.537366.	275 3.1 0. 44. 30.
11	SB PERRY PAG252922.537366.252922.537227.	275 3.1 0. 44. 30.
12	SB PERRY PAG252922.537227.252909.537075.	275 3.1 0. 44. 30.
13	SB PERRY PAG252909.537075.252898.536984.	275 3.1 0. 56. 30.
14	SB PERRY TAG252898.536984.252889.536776.	250 3.1 0. 44. 30.
150	125 3.0 250 33.4 1141 3 3	0. 24. 2
16	SB PERRY RAG252892.536991.252884.536878.	25 3.1 0. 32. 30.
17	SB PERRY RAG252884.536878.252819.536803.	25 3.1 0. 32. 30.
18	SB PERRY RAG252841.536829.252882.536876.	0. 24. 2
150	125 3.0 25 33.4 1583 3 3	
19	ENT PARKLOAG252890.536776.252898.536716.	125 3.1 0. 32. 30.
0	117 EB L AG252887.536811.252613.536808.	25 3.1 0. 44. 30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24. 2
150	140 3.0 25 33.4 1717 3 3	
0	117 EB TH AG252895.536788.252612.536786.	1050 3.1 0. 44. 30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24. 2
150	23 3.0 1050 33.4 1764 3 3	
0	117 EB ALLAG252611.536795.251901.536824.	1075 3.1 0. 56. 30.
0	117 EB Dp AG253893.536692.253586.536754.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253586.536754.253297.536775.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253297.536775.253058.536792.	1300 3.1 0. 56. 30.
0	117 EB Dp AG253058.536792.252896.536790.	1300 3.1 0. 56. 30.
0	117 WB Ap AG252902.536838.253107.536836.	3350 3.1 0. 56. 30.
0	117 WB ap AG252989.536837.253084.536836.	0. 36. 3
150	28 3.0 3350 33.4 1565 3 3	
0	117 WB Ap AG253108.536836.253356.536818.	3350 3.1 0. 56. 30.
0	117 WB Ap AG253356.536818.253714.536775.	3350 3.1 0. 56. 30.
0	117 WB Ap AG253714.536775.253899.536742.	3350 3.1 0. 56. 30.
0	117 WB dp AG251903.536849.252279.536832.	2825 3.1 0. 44. 30.
0	117 WB dp AG252279.536832.252517.536832.	2825 3.1 0. 44. 30.

S6B215AM.DAT

JOB: S6 B215 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:59:27.92

RUN: S6 B215 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.4	536713.7	*	42.	183. AG	149.	100.0	.0	24.0	.40 2.2
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	600.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	600.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	600.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	600.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	600.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	600.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252896.0	536949.7	*	101.	2. AG	149.	100.0	.0	24.0	.82 5.1
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252846.4	536835.2	*	8.	41. AG	149.	100.0	.0	24.0	.06 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	125.	3.1	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	167.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1050.	3.1	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252781.0	536786.5	*	66.	270. AG	27.	100.0	.0	24.0	.37 3.4
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1075.	3.1	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1300.	3.1	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1300.	3.1	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1300.	3.1	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1300.	3.1	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3350.	3.1	.0	56.0	
30. 0	117 WB ap*	252989.0	536837.0	253197.5	536834.8	*	208.	91. AG	50.	100.0	.0	36.0	.91 10.6
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3350.	3.1	.0	56.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3350.	3.1	.0	56.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3350.	3.1	.0	56.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2825.	3.1	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2825.	3.1	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2825.	3.1	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2825.	3.1	.0	56.0	

JOB: S6 B215 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:59:27.92

RUN: S6 B215 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	125	3.0	125	1171	33.40	3	3
15. 15	SB PERRY T*	150	125	3.0	250	1141	33.40	3	3
18. 18	SB PERRY R*	150	125	3.0	25	1583	33.40	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	33.40	3	3
23. 0	117 EB TH*	150	23	3.0	1050	1764	33.40	3	3
30. 0	117 WB ap*	150	28	3.0	3350	1565	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B215 AM MD 117 & PERRY PKWY

RUN: S6 B215 AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
40.	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
45.	.0	.1	.2	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
50.	.0	.1	.1	.5	.5	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
55.	.0	.1	.1	.5	.5	.6	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
60.	.0	.1	.1	.6	.5	.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
65.	.0	.1	.1	.6	.6	.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0
70.	.0	.1	.1	.5	.6	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0
75.	.0	.1	.1	.6	.5	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
80.	.0	.1	.1	.5	.5	.5	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2
85.	.0	.0	.0	.4	.4	.5	.4	.3	.4	.1	.2	.0	.0	.0	.0	.0	.3	.4	.3	.3
90.	.0	.0	.0	.4	.4	.4	.4	.3	.6	.3	.3	.1	.0	.0	.0	.0	.3	.5	.5	.4
95.	.0	.0	.0	.1	.4	.4	.3	.4	.6	.5	.5	.2	.0	.0	.0	.0	.4	.7	.5	.5
100.	.0	.0	.0	.1	.2	.3	.3	.5	.7	.5	.5	.3	.0	.0	.0	.0	.5	.8	.6	.4
105.	.0	.0	.0	.1	.2	.2	.2	.5	.7	.6	.6	.4	.1	.0	.0	.0	.5	.7	.4	.4
110.	.0	.0	.0	.0	.1	.2	.2	.6	.8	.6	.6	.3	.2	.0	.0	.1	.6	.5	.4	.3
115.	.0	.0	.0	.0	.1	.1	.1	.7	.8	.6	.6	.4	.1	.0	.0	.1	.7	.6	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	.7	.8	.6	.6	.4	.1	.0	.0	.1	.6	.6	.3	.3
125.	.0	.0	.0	.0	.0	.1	.1	.6	.8	.6	.5	.4	.1	.0	.0	.2	.6	.6	.3	.4
130.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.2	.0	.0	.1	.6	.5	.3	.4
135.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.2	.0	.0	.1	.6	.5	.3	.4
140.	.0	.0	.0	.0	.0	.1	.0	.5	.7	.5	.5	.3	.2	.0	.0	.2	.5	.4	.3	.4
145.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.5	.5	.3	.1	.0	.0	.2	.4	.2	.4	.4
150.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.5	.5	.3	.1	.0	.0	.2	.5	.3	.4	.4
155.	.0	.0	.0	.0	.0	.1	.1	.5	.6	.4	.5	.3	.1	.0	.0	.3	.5	.3	.4	.4
160.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.5	.3	.1	.0	.0	.3	.4	.3	.3	.4
165.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.4	.3	.1	.0	.0	.3	.3	.2	.3	.4
170.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.4	.3	.1	.0	.0	.3	.2	.2	.4	.4
175.	.0	.0	.0	.0	.0	.1	.1	.5	.6	.5	.4	.3	.1	.0	.0	.3	.2	.3	.4	.4
180.	.0	.0	.0	.0	.0	.1	.1	.4	.6	.5	.4	.3	.2	.0	.0	.2	.2	.3	.4	.4
185.	.0	.0	.0	.1	.0	.1	.1	.4	.7	.5	.4	.3	.2	.0	.0	.2	.1	.3	.4	.4
190.	.0	.0	.0	.1	.0	.1	.1	.5	.6	.5	.4	.4	.2	.0	.0	.2	.1	.3	.4	.4
195.	.0	.0	.0	.2	.0	.1	.1	.5	.6	.5	.4	.3	.3	.1	.0	.1	.1	.3	.3	.3
200.	.0	.0	.0	.2	.0	.1	.0	.4	.7	.5	.5	.3	.3	.1	.0	.1	.1	.2	.3	.2
205.	.0	.0	.0	.3	.0	.1	.0	.4	.6	.5	.5	.3	.4	.1	.0	.1	.1	.2	.4	.2

1

JOB: S6 B215 AM MD 117 & PERRY PKWY

RUN: S6 B215 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.0	.0	.0	.4	.6	.5	.5	.3	.4	.1	.0	.1	.1	.2	.4	.2
215.	.0	.0	.0	.3	.0	.1	.0	.4	.6	.5	.4	.4	.4	.1	.0	.1	.1	.4	.4	.3
220.	.0	.0	.0	.3	.0	.1	.0	.3	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
225.	.0	.0	.0	.3	.0	.1	.1	.4	.6	.5	.3	.4	.4	.1	.0	.1	.2	.4	.4	.3
230.	.0	.0	.0	.3	.0	.1	.1	.5	.7	.5	.4	.4	.4	.1	.0	.1	.1	.4	.3	.3
235.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.5	.4	.4	.4	.1	.0	.0	.1	.3	.3	.5
240.	.0	.0	.0	.3	.2	.1	.1	.5	.8	.4	.3	.6	.3	.1	.0	.0	.1	.3	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.5	.5	.3	.1	.0	.0	.1	.3	.4	.5
250.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.5	.5	.2	.1	.0	.0	.1	.3	.4	.5
255.	.0	.0	.0	.1	.2	.2	.2	.6	.8	.5	.5	.5	.2	.1	.0	.0	.1	.3	.6	.5
260.	.0	.0	.0	.3	.2	.2	.2	.7	.8	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.5
265.	.0	.0	.0	.3	.3	.2	.2	.7	.6	.4	.5	.4	.1	.1	.0	.0	.0	.2	.5	.4
270.	.0	.0	.0	.2	.4	.4	.2	.7	.7	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.5	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.3	.3	.4	.4	.4	.3	.1	.3	.3	.1	.1	.0	.0	.0	.0	.1	.0
285.	.0	.0	.0	.3	.4	.5	.4	.2	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.4	.4	.6	.6	.2	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.4	.7	.5	.1	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.6	.6	.4	.1	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.6	.7	.5	.1	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.1	.2	.3	.5	.6	.4	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.2	.4	.5	.4	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.4	.4	.5	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.2	.3	.4	.4	.4	.3	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.2	.3	.4	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.4	.3	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.0	.2	.5	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
345.	.0	.1	.3	.5	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.2	.3	.6	.6	.7	.6	.7	.8	.6	.6	.6	.4	.1	.0	.3	.7	.8	.6	.5

1

JOB: S6 B215 AM MD 117 & PERRY PKWY

RUN: S6 B215 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.3	.3	.3	.3	.2
5.	.1	.3	.3	.3	.3	.4	.2
10.	.0	.3	.3	.4	.3	.3	.3
15.	.0	.3	.3	.4	.4	.4	.2
20.	.0	.3	.3	.4	.4	.4	.2
25.	.1	.3	.3	.5	.4	.5	.2
30.	.1	.3	.3	.5	.4	.5	.2
35.	.1	.3	.3	.5	.2	.5	.2
40.	.1	.3	.3	.5	.3	.5	.2
45.	.1	.3	.4	.4	.3	.4	.1
50.	.1	.3	.4	.5	.3	.4	.1
55.	.1	.3	.4	.5	.3	.3	.1
60.	.1	.2	.4	.4	.3	.3	.1
65.	.1	.3	.5	.4	.4	.2	.1
70.	.3	.3	.4	.2	.5	.2	.1
75.	.3	.4	.4	.4	.4	.1	.0
80.	.4	.3	.3	.4	.4	.0	.0
85.	.6	.3	.2	.4	.3	.0	.0
90.	.6	.2	.1	.2	.3	.0	.0
95.	.6	.1	.1	.1	.2	.0	.0
100.	.6	.1	.1	.1	.2	.0	.0
105.	.7	.1	.0	.1	.2	.0	.0
110.	.5	.0	.0	.1	.2	.0	.0
115.	.6	.0	.0	.0	.2	.0	.0
120.	.6	.0	.0	.0	.2	.0	.0
125.	.6	.0	.0	.0	.2	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 B215 AM MD 117 & PERRY PKWY

RUN: S6 B215 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.5	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.6	.0	.0	.0	.0	.0	.0
245.	.6	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0
270.	.7	.3	.2	.2	.1	.0	.0
275.	.6	.4	.3	.3	.1	.0	.0
280.	.5	.4	.3	.3	.1	.0	.0
285.	.3	.4	.4	.3	.2	.0	.0
290.	.2	.5	.4	.3	.2	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0
300.	.1	.4	.2	.3	.2	.1	.0
305.	.1	.4	.3	.2	.4	.2	.0
310.	.1	.3	.3	.2	.4	.2	.0
315.	.1	.3	.3	.3	.4	.2	.1
320.	.1	.3	.3	.3	.3	.2	.1
325.	.1	.3	.2	.3	.2	.1	.1
330.	.1	.3	.2	.3	.2	.1	.1
335.	.1	.3	.2	.3	.3	.1	.1
340.	.0	.3	.3	.3	.2	.1	.1
345.	.0	.3	.3	.3	.2	.1	.1
350.	.0	.3	.3	.3	.2	.2	.1
355.	.1	.3	.3	.3	.3	.2	.1
360.	.1	.3	.3	.3	.3	.3	.2

MAX DEGR.	105	290	65	25	70	25	10
	.7	.5	.5	.5	.5	.5	.3

THE HIGHEST CONCENTRATION IS .80 PPM AT 255 DEGREES FROM REC9 .
THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 100 DEGREES FROM REC18 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 295 DEGREES FROM REC6 .

1

JOB: S6 B215 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:59:27.92

RUN: S6 B215 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	325	320	60	65	295	290	115	255	105	105	240	205	0	0	155	115	100	100	95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.0	.0	.2	.4	.3	.1	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.2	.1	.2	.1	.0	.4	.2	.3	.1	.1	.0	.1	.1	.2	.1	.1	
30	*	.0	.0	.0	.1	.1	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
31	*	.0	.0	.0	.1	.2	.0	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	.0	
32	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.1	.3	.3	

1

JOB: S6 B215 AM MD 117 & PERRY PKWY
DATE: 12/24/2006 TIME: 23:59:27.92

RUN: S6 B215 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 290	REC23 65	REC24 25	REC25 70	REC26 25	REC27 10
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.0	.1	.0	.1	.1	.1
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.0	.0	.0	.0	.0
36	*	.2	.0	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.2	.0	.0	.0

S6B215PM.DAT

S6 B215 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 B215 PM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	125	3.1	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	113 3.0 125 33.4 943 3 3					
3	NB PERRY DAG252915.536788.252933.536839.	875	3.1	0.	44.	30.
4	NB PERRY DAG252933.536839.252943.537035.	875	3.1	0.	44.	30.
5	NB PERRY DAG252943.537035.252936.537136.	875	3.1	0.	44.	30.
6	NB PERRY DAG252936.537136.252949.537333.	875	3.1	0.	44.	30.
7	NB PERRY DAG252949.537333.252923.537483.	875	3.1	0.	44.	30.
8	NB PERRY DAG252923.537483.252866.537616.	875	3.1	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	625	3.1	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	625	3.1	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	625	3.1	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	625	3.1	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	625	3.1	0.	56.	30.
14	SB PERRY TAG252898.536984.252889.536776.	600	3.1	0.	44.	30.
150	113 3.0 600 33.4 1161 3 3	0.	24.	2		
16	SB PERRY RAG252892.536991.252884.536878.	25	3.1	0.	32.	30.
17	SB PERRY RAG252884.536878.252819.536803.	25	3.1	0.	32.	30.
180	113 3.0 25 33.4 1583 3 3	0.	24.	2		
19	ENT PARKLOAG252890.536776.252898.536716.	200	3.1	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	3.1	0.	44.	30.
150	140 3.0 25 33.4 1717 3 3	0.	24.	2		
0	117 EB TH AG252895.536788.252612.536786.	2000	3.1	0.	44.	30.
150	34 3.0 2000 33.4 1767 3 3	0.	24.	2		
0	117 EB ALLAG252611.536795.251901.536824.	2025	3.1	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	2600	3.1	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	2600	3.1	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	2600	3.1	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	2600	3.1	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	2725	3.1	0.	68.	30.
150	40 3.0 2725 33.4 1092 3 3	0.	48.	4		
0	117 WB Ap AG253108.536836.253356.536818.	2725	3.1	0.	68.	30.
0	117 WB Ap AG253356.536818.253714.536775.	2725	3.1	0.	68.	30.
0	117 WB Ap AG253714.536775.253899.536742.	2725	3.1	0.	68.	30.
0	117 WB dp AG251903.536849.252279.536832.	1825	3.1	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	1825	3.1	0.	44.	30.

S6B215PM.DAT

JOB: S6 B215 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:09:51.38

RUN: S6 B215 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	3.1	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.7	536717.8	*	38.	183. AG	135.	100.0	.0	24.0	.31 1.9
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	875.	3.1	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	875.	3.1	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	875.	3.1	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	875.	3.1	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	875.	3.1	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	875.	3.1	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	625.	3.1	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	625.	3.1	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	625.	3.1	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	625.	3.1	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	625.	3.1	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	600.	3.1	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252924.0	537648.2	*	800.	2. AG	135.	100.0	.0	24.0	1.21 40.6
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	3.1	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	3.1	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252845.9	536834.6	*	7.	41. AG	135.	100.0	.0	24.0	.04 .4
19. 19	ENT PARKLO	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	200.	3.1	.0	32.0	
20. 0	117 EB L	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	3.1	.0	44.0	
21. 0	117 EB LT	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	167.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2000.	3.1	.0	44.0	
23. 0	117 EB TH	252847.0	536787.0	252661.1	536785.7	*	186.	269. AG	41.	100.0	.0	24.0	.77 9.4
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2025.	3.1	.0	56.0	
25. 0	117 EB Dp	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2600.	3.1	.0	56.0	
26. 0	117 EB Dp	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2600.	3.1	.0	56.0	
27. 0	117 EB Dp	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2600.	3.1	.0	56.0	
28. 0	117 EB Dp	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2600.	3.1	.0	56.0	
29. 0	117 WB Ap	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2725.	3.1	.0	68.0	
30. 0	117 WB ap	252989.0	536837.0	253164.0	536835.1	*	175.	90. AG	96.	100.0	.0	48.0	.89 8.9
31. 0	117 WB Ap	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2725.	3.1	.0	68.0	
32. 0	117 WB Ap	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2725.	3.1	.0	68.0	
33. 0	117 WB Ap	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2725.	3.1	.0	68.0	
34. 0	117 WB dp	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1825.	3.1	.0	44.0	
35. 0	117 WB dp	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1825.	3.1	.0	44.0	
36. 0	117 WB dp	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1825.	3.1	.0	44.0	
37. 0	117 WB dp	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1825.	3.1	.0	56.0	

JOB: S6 B215 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:09:51.38

RUN: S6 B215 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	113	3.0	125	943	33.40	3	3
15. 15	SB PERRY T*	150	113	3.0	600	1161	33.40	3	3
18. 18	SB PERRY R*	150	113	3.0	25	1583	33.40	3	3
21. 0	117 EB LT	150	140	3.0	25	1717	33.40	3	3
23. 0	117 EB TH	150	34	3.0	2000	1767	33.40	3	3
30. 0	117 WB ap	150	40	3.0	2725	1092	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B215 PM MD 117 & PERRY PKWY

RUN: S6 B215 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.4	.9	.7	.5	.4	.0	.0	.0	.1	.3	.2	.2	.5	.3	.2	.2	.0	.0
5.	.1	.3	.3	.8	.6	.6	.4	.0	.0	.0	.1	.2	.1	.2	.6	.4	.3	.2	.1	.0
10.	.0	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0	.2	.1	.0	.8	.4	.4	.3	.1	.0
15.	.0	.3	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.1
20.	.0	.2	.3	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.1
25.	.0	.1	.3	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.2	.1
30.	.0	.2	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.8	.4	.4	.3	.2	.1
35.	.0	.2	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.3	.2	.1
40.	.0	.2	.3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.3	.2	.1
45.	.0	.2	.4	.6	.8	.7	.5	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.3	.1	.1
50.	.0	.2	.3	.6	.9	.6	.5	.0	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
55.	.0	.2	.3	.7	.8	.6	.5	.0	.1	.0	.0	.0	.0	.0	.7	.5	.4	.3	.1	.1
60.	.0	.0	.2	.7	.8	.7	.6	.1	.1	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
65.	.0	.0	.2	.9	.8	.7	.6	.1	.1	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
70.	.0	.0	.2	.7	.7	.6	.6	.1	.2	.0	.0	.0	.0	.0	.6	.4	.4	.3	.1	.1
75.	.0	.0	.1	.7	.6	.7	.6	.1	.3	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
80.	.0	.0	.0	.7	.7	.8	.7	.2	.3	.1	.1	.0	.0	.0	.7	.4	.4	.4	.1	.2
85.	.0	.0	.0	.6	.8	.7	.8	.2	.4	.2	.3	.0	.0	.0	.7	.4	.4	.5	.3	.2
90.	.0	.0	.0	.5	.7	.7	.8	.3	.6	.3	.3	.1	.0	.0	.7	.4	.4	.6	.4	.3
95.	.0	.0	.0	.3	.6	.7	.7	.4	.8	.4	.6	.2	.0	.0	.7	.4	.4	.6	.4	.3
100.	.0	.0	.0	.3	.4	.5	.6	.6	.8	.7	.7	.3	.0	.0	.7	.4	.7	.7	.6	.3
105.	.0	.0	.0	.1	.3	.5	.5	.6	.9	.9	.6	.4	.0	.0	.6	.4	.7	.9	.5	.4
110.	.0	.0	.0	.1	.2	.3	.3	.6	.9	.8	.8	.5	.1	.0	.6	.4	.8	.8	.4	.3
115.	.0	.0	.0	.1	.2	.3	.3	.6	.9	.8	.8	.5	.1	.0	.6	.5	.7	.8	.4	.3
120.	.0	.0	.0	.1	.1	.2	.2	.6	.9	.7	.8	.6	.1	.0	.6	.5	.7	.6	.4	.3
125.	.0	.0	.0	.0	.1	.2	.2	.6	.8	.7	.7	.5	.3	.0	.6	.4	.8	.4	.4	.3
130.	.0	.0	.0	.0	.1	.1	.1	.6	.9	.7	.7	.5	.3	.0	.6	.6	.7	.4	.3	.4
135.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.7	.7	.6	.4	.0	.6	.6	.6	.4	.3	.4
140.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.6	.7	.5	.3	.0	.7	.6	.6	.3	.3	.4
145.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.6	.4	.3	.0	.8	.5	.6	.2	.3	.4
150.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.5	.4	.2	.0	.8	.6	.6	.2	.3	.4
155.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.2	.0	.8	.7	.6	.3	.3	.4
160.	.0	.0	.0	.0	.0	.1	.1	.5	.8	.6	.4	.4	.3	.0	.8	.7	.6	.2	.4	.3
165.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.6	.4	.4	.3	.0	.8	.5	.5	.2	.4	.3
170.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.6	.4	.3	.3	.0	.8	.4	.2	.2	.4	.3
175.	.0	.0	.0	.0	.0	.1	.1	.4	.7	.6	.3	.3	.3	.0	.8	.3	.2	.3	.4	.3
180.	.0	.0	.0	.0	.1	.1	.1	.5	.7	.7	.4	.4	.3	.1	.6	.2	.2	.3	.4	.3
185.	.0	.0	.0	.1	.1	.1	.1	.5	.8	.7	.3	.4	.3	.2	.5	.2	.2	.4	.4	.3
190.	.0	.0	.0	.1	.0	.1	.1	.4	.7	.6	.3	.4	.3	.3	.3	.2	.2	.2	.4	.3
195.	.0	.0	.0	.1	.0	.1	.1	.3	.7	.5	.3	.4	.3	.3	.2	.1	.2	.2	.4	.3
200.	.0	.0	.0	.2	.0	.1	.1	.3	.6	.5	.3	.4	.3	.3	.1	.1	.2	.2	.4	.3
205.	.0	.0	.0	.2	.1	.1	.1	.3	.7	.5	.3	.4	.2	.4	.1	.1	.2	.3	.4	.3

1

JOB: S6 B215 PM MD 117 & PERRY PKWY

RUN: S6 B215 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.1	.1	.1	.3	.7	.5	.3	.3	.2	.4	.0	.1	.2	.4	.4	.2
215.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.3	.3	.4	.4	.0	.1	.2	.4	.3	.2
220.	.0	.0	.0	.3	.1	.1	.1	.5	.8	.6	.3	.5	.5	.5	.0	.1	.2	.4	.3	.3
225.	.0	.0	.0	.3	.1	.1	.1	.5	.9	.6	.4	.5	.5	.4	.0	.0	.2	.4	.3	.3
230.	.0	.0	.0	.3	.1	.1	.1	.5	1.0	.6	.5	.5	.5	.4	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.3	.1	.1	.1	.4	.9	.6	.5	.5	.4	.3	.0	.0	.2	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.4	.9	.6	.5	.6	.4	.3	.0	.0	.1	.3	.4	.3
245.	.0	.0	.0	.3	.2	.3	.2	.6	.9	.6	.6	.5	.3	.3	.0	.1	.1	.3	.4	.3
250.	.0	.0	.0	.3	.3	.3	.3	.5	.9	.6	.6	.5	.3	.3	.0	.1	.2	.4	.3	.3
255.	.0	.0	.0	.3	.3	.3	.3	.5	1.0	.5	.6	.5	.3	.3	.0	.0	.1	.3	.4	.4
260.	.0	.0	.0	.3	.5	.4	.4	.6	1.0	.5	.6	.5	.3	.3	.0	.0	.1	.2	.4	.4
265.	.0	.0	.0	.4	.4	.5	.4	.7	.7	.4	.5	.5	.3	.3	.0	.0	.1	.2	.2	.3
270.	.0	.0	.0	.6	.5	.5	.4	.7	.8	.4	.5	.3	.3	.3	.0	.0	.0	.2	.2	.3
275.	.0	.0	.0	.7	.7	.7	.8	.6	.6	.2	.5	.3	.3	.3	.0	.0	.0	.0	.2	.1
280.	.0	.0	.1	.7	.6	.7	.8	.4	.5	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.6	.7	.8	.8	.2	.4	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.5	.7	.8	.8	.3	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.6	.9	.9	.2	.3	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.4	.7	.8	.9	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.0	.3	.4	.6	.9	.7	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	.0	.1	.3	.5	.6	.9	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.4	.6	.9	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.3	.6	.6	.8	.6	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
325.	.0	.0	.3	.6	.6	.7	.5	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
330.	.0	.0	.3	.7	.8	.7	.4	.0	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.7	.8	.7	.4	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
340.	.0	.1	.3	.7	.8	.7	.4	.0	.1	.1	.3	.4	.5	.4	.1	.0	.0	.0	.0	.0
345.	.1	.2	.5	.8	.8	.7	.4	.0	.1	.1	.3	.4	.5	.4	.1	.1	.0	.0	.0	.0
350.	.1	.3	.5	.8	.6	.7	.4	.0	.0	.1	.3	.4	.4	.3	.2	.1	.1	.0	.0	.0
355.	.1	.3	.4	1.0	.7	.6	.4	.0	.0	.1	.2	.3	.3	.3	.4	.2	.2	.1	.0	.0
360.	.1	.3	.4	.9	.7	.5	.4	.0	.0	.0	.1	.3	.2	.2	.5	.3	.2	.2	.0	.0
MAX DEGR.	.1	.3	.5	1.0	.9	.9	.9	.7	1.0	.9	.8	.6	.5	.5	.8	.7	.8	.9	.6	.4
	0	0	345	355	50	295	295	265	230	105	110	120	220	220	10	155	110	105	100	105

1

JOB: S6 B215 PM MD 117 & PERRY PKWY

RUN: S6 B215 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.5	.6	.4	.2
5.	.0	.3	.4	.5	.7	.4	.2
10.	.0	.3	.5	.5	.7	.5	.3
15.	.0	.3	.5	.6	.7	.5	.4
20.	.0	.3	.5	.6	.6	.5	.4
25.	.0	.3	.5	.6	.5	.4	.3
30.	.0	.3	.5	.6	.5	.4	.3
35.	.1	.4	.5	.6	.4	.5	.4
40.	.1	.5	.5	.5	.3	.5	.3
45.	.2	.5	.5	.5	.3	.5	.3
50.	.2	.5	.6	.6	.5	.4	.2
55.	.2	.5	.6	.6	.5	.4	.2
60.	.2	.5	.6	.5	.4	.6	.2
65.	.2	.5	.7	.5	.4	.5	.2
70.	.2	.5	.6	.6	.5	.2	.1
75.	.3	.6	.7	.6	.7	.2	.0
80.	.3	.5	.6	.5	.7	.1	.0
85.	.4	.5	.5	.5	.4	.0	.0
90.	.4	.3	.4	.3	.4	.0	.0
95.	.6	.3	.2	.3	.4	.0	.0
100.	.6	.3	.1	.2	.2	.0	.0
105.	.5	.1	.1	.1	.2	.0	.0
110.	.5	.1	.0	.0	.2	.0	.0
115.	.6	.1	.0	.0	.2	.0	.0
120.	.5	.1	.0	.0	.2	.0	.0
125.	.4	.0	.0	.0	.1	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 B215 PM MD 117 & PERRY PKWY

RUN: S6 B215 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0
250.	.5	.1	.0	.0	.0	.0	.0
255.	.5	.1	.1	.0	.0	.0	.0
260.	.6	.2	.2	.1	.0	.0	.0
265.	.6	.2	.2	.2	.2	.0	.0
270.	.5	.3	.3	.3	.2	.0	.0
275.	.5	.4	.4	.4	.3	.1	.0
280.	.3	.6	.4	.4	.4	.1	.1
285.	.2	.6	.5	.4	.4	.2	.1
290.	.1	.6	.5	.5	.4	.2	.1
295.	.1	.4	.5	.5	.4	.1	.1
300.	.1	.4	.5	.5	.4	.1	.0
305.	.1	.4	.4	.4	.4	.2	.1
310.	.1	.4	.4	.4	.4	.2	.1
315.	.1	.3	.5	.4	.4	.2	.1
320.	.0	.3	.4	.4	.4	.2	.1
325.	.0	.3	.4	.4	.4	.2	.2
330.	.0	.3	.4	.4	.4	.2	.2
335.	.0	.3	.4	.4	.3	.2	.2
340.	.0	.3	.4	.4	.3	.2	.2
345.	.0	.3	.4	.4	.4	.3	.3
350.	.0	.3	.4	.4	.4	.3	.2
355.	.0	.3	.4	.4	.5	.4	.2
360.	.0	.3	.4	.5	.6	.4	.2

MAX DEGR.	95	75	65	15	5	60	15
	.6	.6	.7	.6	.7	.6	.4

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 355 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 230 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC18 .

1

JOB: S6 B215 PM MD 117 & PERRY PKWY
 DATE: 12/25/2006 TIME: 00:09:51.38

RUN: S6 B215 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 0	REC3 345	REC4 355	REC5 50	REC6 295	REC7 295	REC8 265	REC9 230	REC10 105	REC11 110	REC12 120	REC13 220	REC14 220	REC15 10	REC16 155	REC17 110	REC18 105	REC19 100	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
15	*	.1	.1	.2	.3	.0	.1	.1	.0	.0	.0	.0	.0	.2	.3	.7	.4	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
28	*	.0	.1	.1	.3	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
29	*	.0	.1	.1	.2	.2	.2	.0	.1	.3	.2	.3	.2	.0	.0	.0	.1	.1	.2	.1	.1
30	*	.0	.0	.0	.0	.2	.1	.1	.1	.4	.2	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0
31	*	.0	.0	.0	.0	.1	.0	.2	.4	.1	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.2

1

JOB: S6 B215 PM MD 117 & PERRY PKWY
DATE: 12/25/2006 TIME: 00:09:51.38

RUN: S6 B215 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 95	REC22 75	REC23 65	REC24 15	REC25 5	REC26 60	REC27 15
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.1	.0	.0
15	*	.0	.0	.1	.2	.3	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.1	.3	.2	.2	.0	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.3	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.1	.0
28	*	.0	.0	.0	.0	.0	.1	.1
29	*	.0	.0	.1	.0	.0	.1	.1
30	*	.0	.0	.0	.0	.0	.1	.0
31	*	.0	.0	.0	.0	.0	.1	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.0	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0
37	*	.1	.1	.1	.1	.1	.0	.0

S6NB30AM.DAT

S6 NB30 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955. 536390. 5.		
REC 2 SE CORNER	252983. 536599. 5.		
REC 3 SE CORNER	252951. 536675. 5.		
REC 4 SE CORNER	252938. 536767. 5.		
REC 5 82' ES CORNER	253015. 536774. 5.		
REC 6 164' ES CORNER	253097. 536779. 5.		
REC 7 400' ES CORNER	253336. 536761. 5.		
REC 8 400' EN CORNER	253354. 536843. 5.		
REC 9 164' EN CORNER	253116. 536860. 5.		
REC 10 82' EN CORNER	253035. 536875. 5.		
REC 11 NE CORNER	252972. 536876. 5.		
REC 12 82' NE CORNER	252958. 536901. 5.		
REC 13 164' NE CORNE	252963. 536983. 5.		
REC 14 400' NE CORNE	252966. 537217. 5.		
REC 15 400' NW CORNE	252892. 537246. 5.		
REC 16 164' NW CORNE	252869. 537013. 5.		
REC 17 82' NW CORNER	252862. 536928. 5.		
REC 18 NW CORNER	252847. 536878. 5.		
REC 19 82' WN CORNER	252761. 536870. 5.		
REC 20 164' WN CORNE	252673. 536870. 5.		
REC 21 400' WN CORNE	252467. 536845. 5.		
REC 22 400' WS CORNE	252464. 536777. 5.		
REC 23 164' WS CORNE	252704. 536763. 5.		
REC 24 82' WS CORNER	252782. 536760. 5.		
REC 25 SW CORNER	252864. 536751. 5.		
REC 26 SW CORNER	252886. 536694. 5.		
REC 27 SW CORNER	252871. 536639. 5.		
S6 NB30 AM MD 117 & PERRY PKWY	37 1 1		

1	EX PARKLOTAG252911.536719.252915.536788.	100 2.7 0. 44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0. 24.	2
150	126 3.0 100 29.1 1141 3 3		
3	NB PERRY DAG252915.536788.252933.536839.	600 2.7 0. 44.	30.
4	NB PERRY DAG252933.536839.252943.537035.	600 2.7 0. 44.	30.
5	NB PERRY DAG252943.537035.252936.537136.	600 2.7 0. 44.	30.
6	NB PERRY DAG252936.537136.252949.537333.	600 2.7 0. 44.	30.
7	NB PERRY DAG252949.537333.252923.537483.	600 2.7 0. 44.	30.
8	NB PERRY DAG252923.537483.252866.537616.	600 2.7 0. 44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	275 2.7 0. 44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	275 2.7 0. 44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	275 2.7 0. 44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	275 2.7 0. 44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	275 2.7 0. 56.	30.
14	SB PERRY TAG252898.536984.252889.536776.	250 2.7 0. 44.	30.
15	SB PERRY TAG252892.536849.252895.536924.	0. 24.	2
150	126 3.0 250 29.1 1220 3 3		
16	SB PERRY RAG252892.536991.252884.536878.	25 2.7 0. 32.	30.
17	SB PERRY RAG252884.536878.252819.536803.	25 2.7 0. 32.	30.
18	SB PERRY RAG252841.536829.252882.536876.	0. 24.	2
150	126 3.0 25 29.1 1583 3 3		
19	ENT PARKLOAG252890.536776.252898.536716.	100 2.7 0. 32.	30.
0	117 EB L AG252887.536811.252613.536808.	25 2.7 0. 44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0. 24.	2
150	140 3.0 25 29.1 1717 3 3		
0	117 EB TH AG252895.536788.252612.536786.	1200 2.7 0. 44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0. 24.	2
150	22 3.0 1200 29.1 1765 3 3		
0	117 EB ALLAG252611.536795.251901.536824.	1225 2.7 0. 56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	1450 2.7 0. 56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	1450 2.7 0. 56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	1450 2.7 0. 56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	1450 2.7 0. 56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	3625 2.7 0. 56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0. 36.	3
150	27 3.0 3625 29.1 1552 3 3		
0	117 WB Ap AG253108.536836.253356.536818.	3625 2.7 0. 56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	3625 2.7 0. 56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	3625 2.7 0. 56.	30.
0	117 WB dp AG251903.536849.252279.536832.	3050 2.7 0. 44.	30.
0	117 WB dp AG252279.536832.252517.536832.	3050 2.7 0. 44.	30.

S6NB30AM.DAT

JOB: S6 NB30 AM MD 117 & PERRY PKWY
 DATE: 12/18/2006 TIME: 14:10:29.02

RUN: S6 NB30 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	100.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.9	536721.6	*	34.	183. AG	131.	100.0	.0	24.0	.35 1.8
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	600.	2.7	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	600.	2.7	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	600.	2.7	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	600.	2.7	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	600.	2.7	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	600.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	2.7	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	2.7	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252896.0	536949.0	*	100.	2. AG	131.	100.0	.0	24.0	.81 5.1
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252846.4	536835.3	*	8.	41. AG	131.	100.0	.0	24.0	.06 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	100.	2.7	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	146.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1200.	2.7	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252774.8	536786.5	*	72.	270. AG	23.	100.0	.0	24.0	.41 3.7
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1225.	2.7	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1450.	2.7	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1450.	2.7	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1450.	2.7	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1450.	2.7	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3625.	2.7	.0	56.0	
30. 0	117 WB ap*	252989.0	536837.0	253314.8	536833.5	*	326.	90. AG	42.	100.0	.0	36.0	.99 16.5
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3625.	2.7	.0	56.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3625.	2.7	.0	56.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3625.	2.7	.0	56.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	3050.	2.7	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	3050.	2.7	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	3050.	2.7	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	3050.	2.7	.0	56.0	

 JOB: S6 NB30 AM MD 117 & PERRY PKWY
 DATE: 12/18/2006 TIME: 14:10:29.02

RUN: S6 NB30 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	126	3.0	100	1141	29.10	3	3
15. 15	SB PERRY T*	150	126	3.0	250	1220	29.10	3	3
18. 18	SB PERRY R*	150	126	3.0	25	1583	29.10	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	29.10	3	3
23. 0	117 EB TH*	150	22	3.0	1200	1765	29.10	3	3
30. 0	117 WB ap*	150	27	3.0	3625	1552	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 NB30 AM MD 117 & PERRY PKWY

 RUN: S6 NB30 AM MD 117 & PERRY PKWY
 Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.0	.0	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
40.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
45.	.0	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
50.	.0	.1	.1	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
55.	.0	.1	.1	.5	.4	.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
60.	.0	.0	.1	.6	.5	.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
65.	.0	.0	.1	.5	.5	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
70.	.0	.0	.1	.5	.6	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
75.	.0	.0	.0	.5	.5	.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2
80.	.0	.0	.0	.6	.5	.5	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2
85.	.0	.0	.0	.4	.4	.4	.4	.2	.5	.1	.2	.0	.0	.0	.0	.0	.3	.3	.3	.3
90.	.0	.0	.0	.4	.4	.4	.4	.3	.5	.4	.3	.1	.0	.0	.0	.0	.3	.4	.4	.4
95.	.0	.0	.0	.1	.4	.4	.3	.4	.6	.5	.5	.1	.0	.0	.0	.0	.4	.6	.5	.4
100.	.0	.0	.0	.1	.2	.3	.3	.5	.8	.5	.5	.4	.0	.0	.0	.0	.5	.7	.4	.4
105.	.0	.0	.0	.1	.2	.2	.2	.5	.8	.6	.4	.4	.0	.0	.0	.0	.5	.7	.4	.4
110.	.0	.0	.0	.0	.1	.2	.2	.6	.8	.5	.6	.3	.2	.0	.0	.1	.6	.5	.4	.3
115.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.6	.6	.4	.1	.0	.0	.1	.5	.5	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	.6	.8	.5	.6	.4	.1	.0	.0	.1	.4	.5	.3	.3
125.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.5	.5	.4	.1	.0	.0	.2	.5	.4	.3	.4
130.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.1	.0	.0	.1	.5	.5	.3	.4
135.	.0	.0	.0	.0	.0	.1	.1	.5	.7	.6	.4	.3	.2	.0	.0	.1	.4	.5	.3	.4
140.	.0	.0	.0	.0	.0	.1	.0	.5	.6	.5	.4	.3	.1	.0	.0	.2	.4	.3	.3	.4
145.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.5	.3	.1	.0	.0	.2	.4	.2	.3	.4
150.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.5	.2	.1	.0	.0	.2	.4	.2	.3	.3
155.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.5	.3	.1	.0	.0	.2	.4	.2	.3	.3
160.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.3	.4	.2	.3	.3
165.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.3	.3	.2	.3	.3
170.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.2	.2	.2	.3	.3
175.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.4	.3	.1	.0	.0	.3	.2	.2	.3	.3
180.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.5	.4	.3	.1	.0	.0	.2	.1	.3	.4	.4
185.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.5	.4	.3	.2	.0	.0	.2	.1	.3	.3	.4
190.	.0	.0	.0	.1	.0	.1	.1	.5	.5	.5	.4	.3	.2	.0	.0	.2	.1	.3	.3	.2
195.	.0	.0	.0	.1	.0	.1	.0	.4	.5	.5	.4	.2	.3	.0	.0	.1	.1	.2	.3	.2
200.	.0	.0	.0	.2	.0	.1	.0	.4	.6	.5	.4	.3	.3	.1	.0	.1	.1	.2	.3	.2
205.	.0	.0	.0	.2	.0	.0	.0	.4	.5	.5	.4	.3	.4	.1	.0	.1	.1	.2	.3	.2

1

JOB: S6 NB30 AM MD 117 & PERRY PKWY

RUN: S6 NB30 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.0	.0	.0	.4	.5	.5	.4	.3	.3	.1	.0	.1	.1	.2	.3	.2
215.	.0	.0	.0	.2	.0	.0	.0	.4	.5	.5	.3	.3	.4	.1	.0	.1	.1	.2	.4	.3
220.	.0	.0	.0	.3	.0	.1	.0	.3	.5	.5	.3	.4	.4	.1	.0	.1	.1	.3	.4	.3
225.	.0	.0	.0	.3	.0	.1	.1	.3	.6	.5	.3	.4	.4	.1	.0	.1	.1	.4	.4	.3
230.	.0	.0	.0	.3	.0	.1	.1	.5	.7	.5	.4	.4	.4	.1	.0	.1	.1	.4	.3	.3
235.	.0	.0	.0	.2	.0	.1	.1	.5	.7	.4	.3	.4	.3	.1	.0	.0	.1	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.3	.3	.4	.3	.1	.0	.0	.1	.3	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.4	.5	.3	.1	.0	.0	.1	.3	.3	.4
250.	.0	.0	.0	.2	.2	.1	.1	.7	.8	.4	.5	.5	.2	.1	.0	.0	.1	.3	.4	.5
255.	.0	.0	.0	.1	.2	.2	.2	.7	.8	.4	.5	.4	.1	.0	.0	.0	.1	.2	.5	.5
260.	.0	.0	.0	.3	.2	.2	.2	.8	.7	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.4
265.	.0	.0	.0	.3	.2	.2	.2	.8	.6	.4	.4	.4	.1	.1	.0	.0	.0	.2	.4	.4
270.	.0	.0	.0	.2	.4	.3	.2	.6	.6	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.6	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.3	.3	.4	.4	.4	.3	.1	.3	.3	.1	.1	.0	.0	.0	.0	.1	.0
285.	.0	.0	.0	.3	.4	.5	.5	.3	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.4	.4	.5	.6	.2	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.4	.5	.5	.1	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.4	.5	.6	.5	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.1	.3	.6	.6	.5	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.1	.2	.3	.5	.4	.4	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.1	.2	.4	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.1	.2	.4	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.0	.2	.4	.3	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.0	.2	.4	.3	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
345.	.0	.1	.3	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.1	.3	.6	.6	.6	.6	.8	.8	.6	.6	.5	.4	.1	.0	.3	.6	.7	.5	.5

1

JOB: S6 NB30 AM MD 117 & PERRY PKWY

RUN: S6 NB30 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.3	.2	.3	.3	.2	
5.	.1	.3	.3	.3	.3	.4	.1	
10.	.0	.3	.3	.3	.3	.3	.2	
15.	.0	.3	.3	.3	.3	.3	.2	
20.	.0	.3	.3	.4	.4	.3	.2	
25.	.0	.3	.3	.5	.4	.4	.2	
30.	.1	.2	.3	.5	.4	.4	.2	
35.	.1	.3	.3	.5	.2	.4	.2	
40.	.1	.3	.3	.4	.3	.4	.1	
45.	.1	.3	.3	.4	.3	.3	.1	
50.	.1	.3	.4	.5	.3	.3	.1	
55.	.1	.3	.4	.5	.3	.2	.1	
60.	.1	.2	.3	.4	.3	.3	.1	
65.	.1	.3	.3	.3	.2	.1	.1	
70.	.3	.3	.4	.2	.4	.1	.0	
75.	.3	.3	.4	.2	.5	.1	.0	
80.	.4	.3	.3	.4	.4	.0	.0	
85.	.5	.2	.2	.3	.3	.0	.0	
90.	.6	.2	.1	.1	.2	.0	.0	
95.	.6	.1	.1	.0	.2	.0	.0	
100.	.6	.1	.1	.0	.2	.0	.0	
105.	.7	.1	.0	.0	.2	.0	.0	
110.	.5	.0	.0	.0	.2	.0	.0	
115.	.5	.0	.0	.0	.2	.0	.0	
120.	.5	.0	.0	.0	.1	.0	.0	
125.	.5	.0	.0	.0	.1	.0	.0	
130.	.4	.0	.0	.0	.1	.0	.0	
135.	.4	.0	.0	.0	.1	.0	.0	
140.	.4	.0	.0	.0	.0	.0	.0	
145.	.4	.0	.0	.0	.0	.0	.0	
150.	.4	.0	.0	.0	.0	.0	.0	
155.	.4	.0	.0	.0	.0	.0	.0	
160.	.4	.0	.0	.0	.0	.0	.0	
165.	.4	.0	.0	.0	.0	.0	.0	
170.	.4	.0	.0	.0	.0	.0	.0	
175.	.4	.0	.0	.0	.0	.0	.0	
180.	.4	.0	.0	.0	.0	.0	.0	
185.	.4	.0	.0	.0	.0	.0	.0	
190.	.4	.0	.0	.0	.0	.0	.0	
195.	.4	.0	.0	.0	.0	.0	.0	
200.	.4	.0	.0	.0	.0	.0	.0	
205.	.4	.0	.0	.0	.0	.0	.0	

1

JOB: S6 NB30 AM MD 117 & PERRY PKWY

RUN: S6 NB30 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0	.0
245.	.5	.0	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0	.0
270.	.7	.3	.2	.2	.1	.0	.0	.0
275.	.6	.4	.3	.2	.1	.0	.0	.0
280.	.5	.4	.3	.3	.1	.0	.0	.0
285.	.3	.4	.4	.3	.2	.0	.0	.0
290.	.2	.4	.4	.3	.2	.0	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0	.0
300.	.1	.4	.2	.2	.2	.1	.0	.0
305.	.1	.4	.2	.2	.2	.2	.0	.0
310.	.1	.3	.3	.2	.2	.2	.0	.0
315.	.1	.3	.3	.2	.2	.2	.1	.1
320.	.1	.3	.3	.3	.2	.1	.1	.1
325.	.1	.3	.2	.3	.2	.1	.1	.1
330.	.1	.3	.2	.3	.2	.1	.1	.1
335.	.0	.3	.2	.3	.2	.1	.1	.1
340.	.0	.3	.2	.3	.2	.1	.1	.1
345.	.0	.3	.2	.2	.2	.1	.1	.1
350.	.0	.3	.3	.2	.2	.2	.1	.1
355.	.1	.3	.3	.2	.3	.2	.1	.1
360.	.1	.3	.3	.2	.3	.3	.2	.2

MAX DEGR.	105	295	50	25	75	5	0
	.7	.5	.4	.5	.5	.4	.2

THE HIGHEST CONCENTRATION IS .80 PPM AT 255 DEGREES FROM REC9 .
THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 260 DEGREES FROM REC8 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 100 DEGREES FROM REC18 .

1

JOB: S6 NB30 AM MD 117 & PERRY PKWY
DATE: 12/18/2006 TIME: 14:10:29.02

RUN: S6 NB30 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 0	REC3 345	REC4 60	REC5 70	REC6 75	REC7 290	REC8 260	REC9 255	REC10 105	REC11 110	REC12 245	REC13 205	REC14 200	REC15 0	REC16 160	REC17 110	REC18 100	REC19 95	REC20 250
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.1	.1	.2	.1	.0	.1	.1	.4	.2	.3	.0	.1	.0	.0	.1	.1	.2	.1	.0
30	*	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0
31	*	.0	.0	.0	.1	.2	.2	.2	.5	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0
32	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.1	.2	.1	.1

1

JOB: S6 NB30 AM MD 117 & PERRY PKWY
DATE: 12/18/2006 TIME: 14:10:29.02

RUN: S6 NB30 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 295	REC23 50	REC24 25	REC25 75	REC26 5	REC27 0
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.1	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.0	.0
29	*	.0	.0	.0	.0	.1	.1	.0
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.0	.0	.0	.0	.0
36	*	.2	.0	.0	.0	.0	.0	.0
37	*	.1	.0	.2	.2	.0	.1	.1

S6NB30PM.DAT

S6 NB30 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 NB30 PM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	125	2.7	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	114 3.0 125 29.1 947 3 3					
3	NB PERRY DAG252915.536788.252933.536839.	875	2.7	0.	44.	30.
4	NB PERRY DAG252933.536839.252943.537035.	875	2.7	0.	44.	30.
5	NB PERRY DAG252943.537035.252936.537136.	875	2.7	0.	44.	30.
6	NB PERRY DAG252936.537136.252949.537333.	875	2.7	0.	44.	30.
7	NB PERRY DAG252949.537333.252923.537483.	875	2.7	0.	44.	30.
8	NB PERRY DAG252923.537483.252866.537616.	875	2.7	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	600	2.7	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	600	2.7	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	600	2.7	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	600	2.7	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	600	2.7	0.	56.	30.
14	SB PERRY TAG252898.536984.252889.536776.	575	2.7	0.	44.	30.
15	SB PERRY TAG252892.536849.252895.536924.	0.	24.	2		
150	114 3.0 575 29.1 1159 3 3					
16	SB PERRY RAG252892.536991.252884.536878.	25	2.7	0.	32.	30.
17	SB PERRY RAG252884.536878.252819.536803.	25	2.7	0.	32.	30.
18	SB PERRY RAG252841.536829.252882.536876.	0.	24.	2		
150	114 3.0 25 29.1 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	200	2.7	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	2.7	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	140 3.0 25 29.1 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	2000	2.7	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	34 3.0 2000 29.1 1767 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	2025	2.7	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	2575	2.7	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	2575	2.7	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	2575	2.7	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	2575	2.7	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	2700	2.7	0.	56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	36.	3		
150	39 3.0 2700 29.1 1088 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	2700	2.7	0.	56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	2700	2.7	0.	56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	2700	2.7	0.	56.	30.
0	117 WB dp AG251903.536849.252279.536832.	1800	2.7	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	1800	2.7	0.	44.	30.

S6NB30PM.DAT

JOB: S6 NB30 PM MD 117 & PERRY PKWY
DATE: 12/18/2006 TIME: 14:12:17.99

RUN: S6 NB30 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	125.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.7	536717.4	*	39.	183. AG	119.	100.0	.0	24.0	.32 2.0
3. 3	NB PERRY D*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	875.	2.7	.0	44.0	
4. 4	NB PERRY D*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	875.	2.7	.0	44.0	
5. 5	NB PERRY D*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	875.	2.7	.0	44.0	
6. 6	NB PERRY D*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	875.	2.7	.0	44.0	
7. 7	NB PERRY D*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	875.	2.7	.0	44.0	
8. 8	NB PERRY D*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	875.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	600.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	600.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	600.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	600.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	600.	2.7	.0	56.0	
14. 14	SB PERRY T*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	575.	2.7	.0	44.0	
15. 15	SB PERRY T*	252892.0	536849.0	252921.6	537590.0	*	742.	2. AG	119.	100.0	.0	24.0	1.20 37.7
16. 16	SB PERRY R*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY R*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY R*	252841.0	536829.0	252845.9	536834.7	*	7.	41. AG	119.	100.0	.0	24.0	.04 .4
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	200.	2.7	.0	32.0	
20. 0	117 EB L*	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT*	252833.0	536810.0	252823.8	536810.0	*	9.	267. AG	146.	100.0	.0	24.0	.21 .5
22. 0	117 EB TH*	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2000.	2.7	.0	44.0	
23. 0	117 EB TH*	252847.0	536787.0	252661.1	536785.7	*	186.	269. AG	35.	100.0	.0	24.0	.77 9.4
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2025.	2.7	.0	56.0	
25. 0	117 EB Dp*	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2575.	2.7	.0	56.0	
26. 0	117 EB Dp*	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2575.	2.7	.0	56.0	
27. 0	117 EB Dp*	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2575.	2.7	.0	56.0	
28. 0	117 EB Dp*	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2575.	2.7	.0	56.0	
29. 0	117 WB Ap*	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2700.	2.7	.0	56.0	
30. 0	117 WB ap*	252989.0	536837.0	254638.6	536819.2	*	1650.	91. AG	61.	100.0	.0	36.0	1.17 83.8
31. 0	117 WB Ap*	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2700.	2.7	.0	56.0	
32. 0	117 WB Ap*	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2700.	2.7	.0	56.0	
33. 0	117 WB Ap*	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2700.	2.7	.0	56.0	
34. 0	117 WB dp*	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1800.	2.7	.0	44.0	
35. 0	117 WB dp*	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1800.	2.7	.0	44.0	
36. 0	117 WB dp*	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1800.	2.7	.0	44.0	
37. 0	117 WB dp*	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1800.	2.7	.0	56.0	

JOB: S6 NB30 PM MD 117 & PERRY PKWY
DATE: 12/18/2006 TIME: 14:12:17.99

RUN: S6 NB30 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	114	3.0	125	947	29.10	3	3
15. 15	SB PERRY T*	150	114	3.0	575	1159	29.10	3	3
18. 18	SB PERRY R*	150	114	3.0	25	1583	29.10	3	3
21. 0	117 EB LT*	150	140	3.0	25	1717	29.10	3	3
23. 0	117 EB TH*	150	34	3.0	2000	1767	29.10	3	3
30. 0	117 WB ap*	150	39	3.0	2700	1088	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 NB30 PM MD 117 & PERRY PKWY

RUN: S6 NB30 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.3	.6	.6	.4	.4	.0	.0	.0	.1	.2	.1	.2	.4	.2	.2	.2	.0	.0
5.	.1	.3	.3	.4	.5	.5	.4	.0	.0	.0	.1	.2	.1	.2	.5	.3	.3	.2	.0	.0
10.	.0	.2	.3	.4	.4	.5	.4	.0	.0	.0	.0	.2	.0	.0	.6	.4	.3	.3	.1	.0
15.	.0	.1	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.1	.0
20.	.0	.0	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.8	.4	.4	.3	.1	.1
25.	.0	.0	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
30.	.0	.0	.3	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
35.	.0	.1	.3	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.1
40.	.0	.1	.3	.5	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.1
45.	.0	.2	.2	.5	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3	.3	.1	.1
50.	.0	.2	.3	.5	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.7	.3	.3	.2	.1	.1
55.	.0	.2	.3	.5	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3	.2	.1	.1
60.	.0	.1	.3	.5	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3	.2	.1	.1
65.	.0	.1	.3	.6	.6	.7	.6	.1	.1	.0	.0	.0	.0	.0	.5	.3	.3	.2	.1	.1
70.	.0	.1	.2	.7	.6	.7	.7	.3	.1	.0	.0	.0	.0	.0	.5	.3	.3	.2	.1	.1
75.	.0	.1	.2	.7	.7	.8	.7	.4	.2	.0	.0	.0	.0	.0	.5	.3	.3	.2	.1	.1
80.	.0	.0	.1	.6	.6	.8	.7	.5	.2	.1	.1	.0	.0	.0	.5	.3	.3	.3	.1	.2
85.	.0	.0	.1	.6	.6	.8	.7	.6	.4	.2	.2	.1	.0	.0	.5	.3	.3	.4	.4	.3
90.	.0	.0	.0	.4	.7	.8	.7	.7	.6	.3	.4	.1	.0	.0	.5	.3	.4	.4	.4	.3
95.	.0	.0	.0	.4	.5	.7	.7	.8	.7	.4	.4	.2	.1	.0	.5	.4	.4	.5	.4	.3
100.	.0	.0	.0	.2	.4	.5	.6	.9	.8	.5	.6	.2	.1	.0	.5	.5	.4	.7	.5	.4
105.	.0	.0	.0	.1	.2	.3	.3	1.0	.9	.7	.6	.5	.1	.0	.5	.4	.6	.6	.5	.2
110.	.0	.0	.0	.1	.2	.3	.3	1.0	.9	.6	.6	.4	.1	.0	.5	.4	.6	.8	.4	.3
115.	.0	.0	.0	.1	.1	.2	.2	1.0	.9	.6	.6	.4	.2	.0	.5	.4	.6	.6	.3	.3
120.	.0	.0	.0	.1	.1	.2	.2	.7	.8	.6	.5	.4	.2	.0	.5	.4	.6	.4	.4	.3
125.	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.5	.3	.2	.0	.5	.4	.6	.4	.3	.3
130.	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.6	.4	.3	.0	.5	.5	.5	.4	.3	.3
135.	.0	.0	.0	.0	.1	.1	.1	.7	.6	.5	.5	.4	.2	.0	.6	.4	.5	.4	.3	.3
140.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.4	.3	.0	.6	.4	.6	.2	.3	.3
145.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.4	.2	.0	.5	.4	.6	.2	.3	.3
150.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.4	.2	.0	.6	.5	.5	.2	.2	.2
155.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.4	.2	.0	.6	.4	.5	.1	.2	.2
160.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.3	.1	.0	.7	.4	.4	.2	.2	.2
165.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.6	.4	.2	.2	.0	.8	.3	.2	.2	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.4	.3	.2	.2	.0	.7	.3	.2	.2	.2	.2
175.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.4	.3	.2	.2	.0	.6	.2	.2	.2	.2	.2
180.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.4	.3	.2	.3	.1	.5	.2	.1	.2	.2	.2
185.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.4	.3	.3	.3	.2	.4	.1	.2	.2	.2	.2
190.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.4	.3	.3	.3	.2	.3	.1	.2	.2	.2	.2
195.	.0	.0	.0	.1	.0	.1	.1	.5	.5	.4	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2
200.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.4	.3	.3	.3	.3	.1	.0	.2	.2	.2	.2
205.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.4	.3	.3	.3	.3	.1	.0	.2	.2	.2	.2

1

JOB: S6 NB30 PM MD 117 & PERRY PKWY

RUN: S6 NB30 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.0	.1	.1	.5	.6	.4	.3	.3	.2	.3	.0	.0	.2	.2	.2	.2
215.	.0	.0	.0	.2	.1	.1	.1	.5	.6	.4	.3	.2	.3	.3	.0	.0	.2	.2	.3	.1
220.	.0	.0	.0	.2	.1	.1	.1	.6	.7	.4	.3	.3	.4	.3	.0	.0	.2	.2	.3	.1
225.	.0	.0	.0	.2	.1	.1	.1	.7	.7	.4	.4	.5	.4	.3	.0	.0	.2	.2	.3	.3
230.	.0	.0	.0	.2	.1	.1	.1	.7	.6	.4	.3	.5	.4	.3	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.2	.1	.1	.1	.7	.6	.4	.4	.5	.4	.3	.0	.0	.1	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.7	.7	.4	.5	.4	.3	.3	.0	.0	.1	.3	.3	.3
245.	.0	.0	.0	.3	.2	.2	.1	.8	.7	.4	.5	.5	.3	.3	.0	.0	.1	.3	.3	.3
250.	.0	.0	.0	.2	.2	.3	.2	.8	.7	.4	.5	.5	.3	.3	.0	.0	.1	.3	.3	.3
255.	.0	.0	.0	.3	.3	.3	.3	.9	.6	.4	.5	.4	.3	.3	.0	.0	.1	.2	.2	.4
260.	.0	.0	.0	.3	.4	.3	.3	.9	.6	.5	.4	.4	.3	.3	.0	.0	.1	.2	.2	.3
265.	.0	.0	.0	.3	.4	.4	.4	.9	.5	.3	.4	.4	.3	.3	.0	.0	.0	.2	.2	.3
270.	.0	.0	.0	.4	.4	.5	.4	.9	.4	.3	.3	.3	.3	.3	.0	.0	.0	.2	.2	.2
275.	.0	.0	.0	.6	.5	.6	.4	.7	.4	.2	.4	.3	.3	.3	.0	.0	.0	.0	.1	.0
280.	.0	.0	.0	.6	.5	.5	.7	.5	.4	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.5	.5	.5	.7	.5	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.4	.5	.5	.6	.3	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.5	.7	.7	.4	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.4	.6	.7	.6	.3	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.4	.5	.8	.8	.3	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	.0	.0	.3	.4	.5	.7	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	.0	.0	.3	.3	.4	.6	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.3	.4	.5	.6	.6	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
325.	.0	.0	.2	.5	.5	.6	.5	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
330.	.0	.0	.1	.6	.5	.6	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.6	.5	.6	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.0	.1	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
345.	.0	.2	.3	.6	.5	.5	.5	.0	.1	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
350.	.1	.2	.5	.6	.5	.5	.5	.0	.0	.1	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0
355.	.1	.3	.4	.6	.6	.4	.4	.0	.0	.1	.1	.3	.3	.3	.2	.3	.2	.1	.1	.0
360.	.1	.3	.3	.6	.6	.4	.4	.0	.0	.0	.1	.2	.1	.2	.4	.2	.2	.2	.0	.0
MAX DEGR.	.1	.3	.5	.7	.7	.8	.8	1.0	.9	.7	.6	.5	.4	.3	.8	.5	.6	.8	.5	.4

1

JOB: S6 NB30 PM MD 117 & PERRY PKWY

RUN: S6 NB30 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.4	.4	.4	.4	.1
5.	.0	.3	.4	.5	.5	.4	.4	.1
10.	.0	.3	.4	.5	.6	.5	.5	.2
15.	.0	.3	.5	.5	.5	.4	.3	.3
20.	.0	.3	.5	.6	.5	.5	.4	.4
25.	.0	.3	.5	.6	.3	.4	.3	.3
30.	.0	.3	.5	.6	.4	.4	.3	.3
35.	.0	.3	.5	.5	.3	.4	.3	.3
40.	.0	.4	.5	.5	.3	.4	.2	.2
45.	.2	.5	.5	.5	.3	.5	.1	.1
50.	.1	.4	.5	.5	.3	.4	.1	.1
55.	.2	.4	.5	.6	.5	.4	.1	.1
60.	.2	.4	.5	.4	.4	.3	.2	.2
65.	.2	.3	.4	.5	.4	.4	.2	.2
70.	.2	.3	.6	.6	.4	.3	.1	.1
75.	.2	.4	.6	.5	.7	.2	.1	.1
80.	.2	.4	.6	.5	.5	.2	.1	.1
85.	.4	.3	.5	.4	.4	.1	.0	.0
90.	.5	.3	.4	.3	.4	.0	.0	.0
95.	.6	.3	.1	.3	.3	.0	.0	.0
100.	.5	.1	.1	.0	.2	.0	.0	.0
105.	.5	.1	.1	.0	.2	.0	.0	.0
110.	.5	.1	.0	.0	.2	.0	.0	.0
115.	.4	.1	.0	.0	.2	.0	.0	.0
120.	.4	.0	.0	.0	.1	.0	.0	.0
125.	.4	.0	.0	.0	.1	.0	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0	.0
140.	.4	.0	.0	.0	.0	.0	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S6 NB30 PM MD 117 & PERRY PKWY

RUN: S6 NB30 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.3	.0	.0	.0	.0	.0	.0	.0
215.	.3	.0	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0	.0
235.	.4	.0	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0	.0
250.	.5	.1	.0	.0	.0	.0	.0	.0
255.	.5	.1	.0	.0	.0	.0	.0	.0
260.	.5	.1	.2	.1	.0	.0	.0	.0
265.	.6	.2	.2	.2	.1	.0	.0	.0
270.	.5	.3	.2	.2	.2	.0	.0	.0
275.	.4	.4	.3	.4	.3	.0	.0	.0
280.	.3	.5	.3	.4	.3	.1	.0	.0
285.	.2	.5	.3	.4	.4	.1	.1	.1
290.	.1	.4	.4	.4	.4	.2	.1	.1
295.	.1	.4	.5	.4	.4	.1	.0	.0
300.	.1	.4	.5	.4	.4	.1	.0	.0
305.	.1	.4	.4	.4	.4	.1	.0	.0
310.	.0	.3	.4	.4	.4	.2	.1	.1
315.	.1	.3	.4	.4	.4	.2	.1	.1
320.	.0	.3	.4	.4	.4	.2	.1	.1
325.	.0	.3	.4	.4	.4	.2	.1	.1
330.	.0	.3	.4	.4	.3	.2	.1	.1
335.	.0	.3	.4	.4	.2	.2	.1	.1
340.	.0	.3	.4	.4	.2	.2	.1	.1
345.	.0	.3	.4	.4	.3	.3	.1	.1
350.	.0	.3	.4	.4	.3	.3	.2	.2
355.	.0	.3	.4	.4	.4	.3	.1	.1
360.	.0	.3	.4	.4	.4	.4	.1	.1

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
95	.6	.5	.6	.6	.7	.5	.4	

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 105 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 80 DEGREES FROM REC6 .

1

JOB: S6 NB30 PM MD 117 & PERRY PKWY
 DATE: 12/18/2006 TIME: 14:12:17.99

RUN: S6 NB30 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	350	70	75	80	305	105	105	105	100	105	220	195	20	100	105	110	100	100
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.7	.3	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.1	.2	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.1	.2	.1	.1
30	*	.0	.0	.0	.1	.2	.2	.1	.4	.3	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.1
31	*	.0	.0	.0	.1	.1	.1	.2	.0	.4	.2	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2

1

JOB: S6 NB30 PM MD 117 & PERRY PKWY
DATE: 12/18/2006 TIME: 14:12:17.99

RUN: S6 NB30 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21	REC22	REC23	REC24	REC25	REC26	REC27
		95	45	70	20	75	10	20
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.0	.2	.0	.2	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.3	.2	.0	.0	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.0	.0	.0	.2	.1	.1
29	*	.0	.0	.1	.0	.1	.1	.1
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.1	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.1	.0	.0	.0

S6B130AM.DAT

S6 B130 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 B130 AM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	150	2.7	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	124 3 150 29.1 1196 3 3					
3	NB PERRY PAG252915.536788.252933.536839.	625	2.7	0.	44.	30.
4	NB PERRY PAG252933.536839.252943.537035.	625	2.7	0.	44.	30.
5	NB PERRY PAG252943.537035.252936.537136.	625	2.7	0.	44.	30.
6	NB PERRY PAG252936.537136.252949.537333.	625	2.7	0.	44.	30.
7	NB PERRY PAG252949.537333.252923.537483.	625	2.7	0.	44.	30.
8	NB PERRY PAG252923.537483.252866.537616.	625	2.7	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	275	2.7	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	275	2.7	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	275	2.7	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	275	2.7	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	275	2.7	0.	56.	30.
14	SB PERRY PAG252898.536984.252889.536776.	250	2.7	0.	44.	30.
15	SB PERRY PAG252892.536849.252895.536924.	0.	24.	2		
150	124 3 250 29.1 1077 3 3					
16	SB PERRY PAG252892.536991.252884.536878.	25	2.7	0.	32.	30.
17	SB PERRY PAG252884.536878.252819.536803.	25	2.7	0.	32.	30.
18	SB PERRY PAG252841.536829.252882.536876.	0.	12.	1		
150	124 3 25 29.1 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	125	2.7	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	2.7	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	141 5.0 25 29.1 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	1150	2.7	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	22 5.0 1150 29.1 1764 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	1175	2.7	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	1400	2.7	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	3525	2.7	0.	56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	36.	3		
150	29 5.0 3525 29.1 1557 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	3525	2.7	0.	56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	3525	2.7	0.	56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	3525	2.7	0.	56.	30.
0	117 WB dp AG251903.536849.252279.536832.	2975	2.7	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	2975	2.7	0.	44.	30.

S6B130AM.DAT

JOB: S6 B130 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:32:37.04

RUN: S6 B130 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	150.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252909.9	536705.3	*	51.	183. AG	129.	100.0	.0	24.0	.40 2.6
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	625.	2.7	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	625.	2.7	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	625.	2.7	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	625.	2.7	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	625.	2.7	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	625.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	2.7	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	2.7	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252895.7	536940.0	*	91.	2. AG	129.	100.0	.0	24.0	.74 4.6
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	252852.2	536841.8	*	17.	41. AG	65.	100.0	.0	12.0	.10 .9
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	125.	2.7	.0	32.0	
20. 0	117 EB L *	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT *	252833.0	536810.0	252822.5	536810.0	*	10.	270. AG	147.	100.0	.0	24.0	.55 .5
22. 0	117 EB TH *	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1150.	2.7	.0	44.0	
23. 0	117 EB TH *	252847.0	536787.0	252777.8	536786.5	*	69.	270. AG	23.	100.0	.0	24.0	.40 3.5
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1175.	2.7	.0	56.0	
25. 0	117 EB Dp *	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1400.	2.7	.0	56.0	
26. 0	117 EB Dp *	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1400.	2.7	.0	56.0	
27. 0	117 EB Dp *	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1400.	2.7	.0	56.0	
28. 0	117 EB Dp *	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1400.	2.7	.0	56.0	
29. 0	117 WB Ap *	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3525.	2.7	.0	56.0	
30. 0	117 WB ap *	252989.0	536837.0	253327.5	536833.4	*	339.	91. AG	45.	100.0	.0	36.0	.99 17.2
31. 0	117 WB Ap *	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3525.	2.7	.0	56.0	
32. 0	117 WB Ap *	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3525.	2.7	.0	56.0	
33. 0	117 WB Ap *	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3525.	2.7	.0	56.0	
34. 0	117 WB dp *	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2975.	2.7	.0	44.0	
35. 0	117 WB dp *	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2975.	2.7	.0	44.0	
36. 0	117 WB dp *	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2975.	2.7	.0	44.0	
37. 0	117 WB dp *	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2975.	2.7	.0	44.0	

JOB: S6 B130 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:32:37.04

RUN: S6 B130 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	124	.3	150	1196	29.10	3	3
15. 15	SB PERRY P*	150	124	.3	250	1077	29.10	3	3
18. 18	SB PERRY P*	150	124	.3	25	1583	29.10	3	3
21. 0	117 EB LT *	150	141	5.0	25	1717	29.10	3	3
23. 0	117 EB TH *	150	22	5.0	1150	1764	29.10	3	3
30. 0	117 WB ap *	150	29	5.0	3525	1557	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B130 AM MD 117 & PERRY PKWY

RUN: S6 B130 AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
45.	.0	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
50.	.0	.1	.1	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
55.	.0	.1	.1	.5	.4	.4	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
60.	.0	.0	.1	.6	.5	.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
65.	.0	.0	.1	.5	.5	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
70.	.0	.0	.1	.5	.6	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
75.	.0	.0	.0	.5	.5	.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
80.	.0	.0	.0	.5	.5	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2
85.	.0	.0	.0	.4	.4	.4	.4	.2	.5	.1	.2	.0	.0	.0	.0	.0	.2	.3	.3	.3
90.	.0	.0	.0	.3	.4	.4	.4	.3	.5	.4	.3	.1	.0	.0	.0	.0	.3	.4	.3	.3
95.	.0	.0	.0	.1	.4	.4	.3	.4	.6	.5	.5	.1	.0	.0	.0	.0	.3	.6	.4	.3
100.	.0	.0	.0	.1	.2	.2	.3	.4	.7	.5	.5	.4	.0	.0	.0	.0	.5	.6	.4	.3
105.	.0	.0	.0	.1	.2	.2	.3	.4	.8	.5	.4	.3	.0	.0	.0	.0	.6	.6	.3	.4
110.	.0	.0	.0	.0	.1	.1	.1	.5	.8	.5	.6	.3	.2	.0	.0	.0	.6	.5	.3	.3
115.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.6	.6	.3	.1	.0	.0	.1	.6	.5	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	.6	.8	.5	.6	.4	.1	.0	.0	.1	.4	.5	.3	.3
125.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.5	.5	.3	.1	.0	.0	.2	.5	.4	.3	.4
130.	.0	.0	.0	.0	.0	.1	.1	.6	.7	.6	.4	.3	.1	.0	.0	.1	.5	.5	.3	.4
135.	.0	.0	.0	.0	.0	.1	.0	.5	.7	.6	.4	.3	.2	.0	.0	.1	.4	.5	.3	.4
140.	.0	.0	.0	.0	.0	.1	.0	.5	.6	.5	.4	.3	.1	.0	.0	.1	.4	.3	.2	.3
145.	.0	.0	.0	.0	.0	.1	.1	.5	.6	.5	.5	.3	.1	.0	.0	.2	.4	.2	.2	.3
150.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.5	.2	.1	.0	.0	.2	.4	.2	.2	.2
155.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.5	.2	.1	.0	.0	.2	.4	.3	.2	.2
160.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.2	.4	.3	.2	.2
165.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.3	.3	.2	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.4	.5	.4	.4	.3	.1	.0	.0	.2	.2	.2	.2	.3
175.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.4	.4	.3	.1	.0	.0	.1	.2	.2	.2	.2
180.	.0	.0	.0	.1	.0	.1	.1	.4	.5	.5	.4	.3	.1	.0	.0	.2	.1	.2	.2	.2
185.	.0	.0	.0	.1	.0	.1	.1	.4	.5	.5	.4	.3	.2	.0	.0	.2	.1	.2	.2	.2
190.	.0	.0	.0	.1	.0	.1	.1	.5	.5	.5	.4	.2	.2	.0	.0	.2	.1	.2	.2	.2
195.	.0	.0	.0	.2	.0	.1	.0	.4	.5	.5	.4	.3	.2	.1	.0	.1	.1	.2	.2	.2
200.	.0	.0	.0	.2	.0	.0	.0	.4	.6	.5	.4	.3	.3	.1	.0	.1	.1	.2	.2	.2
205.	.0	.0	.0	.3	.0	.0	.0	.4	.5	.5	.5	.3	.3	.1	.0	.1	.1	.2	.2	.2

1

JOB: S6 B130 AM MD 117 & PERRY PKWY

RUN: S6 B130 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.0	.0	.0	.4	.5	.5	.4	.3	.3	.1	.0	.1	.1	.2	.2	.2
215.	.0	.0	.0	.3	.0	.0	.0	.3	.5	.5	.3	.3	.3	.1	.0	.1	.1	.2	.2	.3
220.	.0	.0	.0	.3	.0	.1	.0	.3	.5	.5	.3	.4	.4	.1	.0	.1	.1	.2	.3	.3
225.	.0	.0	.0	.3	.0	.1	.1	.3	.6	.5	.3	.4	.3	.1	.0	.1	.1	.2	.3	.3
230.	.0	.0	.0	.3	.0	.1	.1	.5	.7	.5	.4	.4	.3	.1	.0	.1	.1	.2	.3	.2
235.	.0	.0	.0	.3	.1	.1	.1	.6	.7	.4	.3	.4	.3	.1	.0	.0	.1	.2	.3	.3
240.	.0	.0	.0	.2	.1	.1	.1	.6	.7	.3	.3	.3	.3	.1	.0	.0	.1	.2	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.6	.8	.4	.4	.5	.3	.1	.0	.0	.1	.2	.3	.4
250.	.0	.0	.0	.2	.2	.1	.1	.7	.8	.4	.5	.5	.1	.1	.0	.0	.1	.2	.3	.5
255.	.0	.0	.0	.1	.2	.2	.2	.8	.8	.4	.4	.4	.1	.1	.0	.0	.1	.2	.4	.5
260.	.0	.0	.0	.2	.2	.2	.2	.9	.7	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.3
265.	.0	.0	.0	.3	.2	.2	.2	.8	.6	.4	.3	.4	.1	.1	.0	.0	.0	.1	.3	.3
270.	.0	.0	.0	.2	.3	.3	.2	.7	.5	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.7	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.3	.3	.4	.4	.4	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.3	.4	.4	.5	.3	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.3	.4	.5	.6	.3	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.4	.4	.5	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.5	.6	.5	.1	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.6	.4	.5	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.0	.2	.2	.4	.4	.4	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.2	.4	.4	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.3	.4	.4	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.2	.3	.4	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.1	.3	.4	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.1	.2	.4	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.1	.2	.3	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
345.	.0	.0	.3	.3	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.2	.3	.6	.6	.6	.6	.9	.8	.6	.6	.5	.4	.1	.0	.3	.6	.6	.5	.5

1

JOB: S6 B130 AM MD 117 & PERRY PKWY

RUN: S6 B130 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.2	.2	.3	.3	.1
5.	.1	.3	.2	.2	.3	.3	.2
10.	.0	.3	.2	.3	.3	.3	.1
15.	.0	.3	.2	.3	.3	.3	.2
20.	.0	.3	.2	.3	.4	.3	.2
25.	.0	.3	.2	.3	.4	.5	.2
30.	.1	.2	.2	.4	.3	.5	.2
35.	.1	.2	.2	.4	.2	.5	.2
40.	.1	.3	.2	.4	.3	.5	.2
45.	.1	.3	.2	.4	.2	.5	.1
50.	.1	.3	.3	.5	.3	.5	.1
55.	.1	.3	.3	.5	.3	.4	.1
60.	.1	.2	.3	.4	.3	.4	.1
65.	.1	.3	.3	.3	.3	.3	.1
70.	.3	.3	.3	.2	.4	.3	.0
75.	.3	.3	.3	.2	.5	.2	.0
80.	.4	.3	.2	.3	.4	.1	.0
85.	.5	.2	.2	.3	.3	.1	.0
90.	.6	.2	.1	.2	.2	.0	.0
95.	.6	.1	.1	.1	.2	.0	.0
100.	.6	.1	.1	.1	.2	.0	.0
105.	.7	.1	.0	.1	.2	.0	.0
110.	.5	.0	.0	.1	.2	.0	.0
115.	.5	.0	.0	.1	.2	.0	.0
120.	.5	.0	.0	.0	.2	.0	.0
125.	.5	.0	.0	.0	.2	.0	.0
130.	.4	.0	.0	.0	.2	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0
150.	.4	.0	.0	.0	.1	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 B130 AM MD 117 & PERRY PKWY

RUN: S6 B130 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0
270.	.7	.3	.2	.1	.0	.0	.0
275.	.6	.4	.3	.2	.1	.0	.0
280.	.4	.4	.3	.3	.1	.0	.0
285.	.3	.4	.4	.2	.2	.0	.0
290.	.2	.4	.4	.3	.2	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0
300.	.1	.4	.2	.2	.2	.1	.0
305.	.1	.3	.2	.2	.2	.1	.0
310.	.1	.3	.3	.2	.2	.1	.0
315.	.1	.3	.3	.2	.2	.1	.1
320.	.1	.3	.3	.2	.2	.1	.1
325.	.1	.3	.2	.2	.2	.1	.1
330.	.1	.3	.2	.2	.2	.1	.1
335.	.0	.3	.2	.2	.2	.1	.1
340.	.0	.3	.2	.2	.2	.1	.1
345.	.0	.3	.2	.2	.2	.1	.1
350.	.0	.3	.2	.2	.2	.2	.1
355.	.1	.3	.2	.2	.3	.2	.1
360.	.1	.3	.2	.2	.3	.3	.1

MAX DEGR.	105	295	285	50	75	25	5
	.7	.5	.4	.5	.5	.5	.2

THE HIGHEST CONCENTRATION IS .90 PPM AT 260 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 255 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 105 DEGREES FROM REC21 .

1

JOB: S6 B130 AM MD 117 & PERRY PKWY
 DATE: 12/22/2006 TIME: 21:32:37.04

RUN: S6 B130 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 325	REC3 315	REC4 60	REC5 70	REC6 75	REC7 290	REC8 260	REC9 255	REC10 115	REC11 110	REC12 245	REC13 220	REC14 195	REC15 0	REC16 165	REC17 105	REC18 95	REC19 260	REC20 250
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.2	.3	.2	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.2	.1	.0	.1	.1	.4	.2	.3	.0	.0	.0	.0	.1	.1	.2	.0	.0
30	*	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
31	*	.0	.0	.0	.1	.2	.2	.2	.5	.1	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
37	*	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.2	.1

1

JOB: S6 B130 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:32:37.04

RUN: S6 B130 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 295	REC23 285	REC24 50	REC25 75	REC26 25	REC27 5
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.1	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.1	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.0	.0	.1	.1	.1	.0
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.1	.0	.0	.0	.0
36	*	.2	.0	.1	.0	.0	.0	.0
37	*	.1	.0	.0	.1	.0	.0	.0

S6B130PM.DAT

S6 B130 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 B130 PM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	150	2.7	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	111 3 150 29.1 933 3 3					
3	NB PERRY PAG252915.536788.252933.536839.	900	2.7	0.	44.	30.
4	NB PERRY PAG252933.536839.252943.537035.	900	2.7	0.	44.	30.
5	NB PERRY PAG252943.537035.252936.537136.	900	2.7	0.	44.	30.
6	NB PERRY PAG252936.537136.252949.537333.	900	2.7	0.	44.	30.
7	NB PERRY PAG252949.537333.252923.537483.	900	2.7	0.	44.	30.
8	NB PERRY PAG252923.537483.252866.537616.	900	2.7	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	650	2.7	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	650	2.7	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	650	2.7	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	650	2.7	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	650	2.7	0.	56.	30.
14	SB PERRY PAG252898.536984.252889.536776.	625	2.7	0.	44.	30.
15	SB PERRY PAG252892.536849.252895.536924.	0.	24.	2		
150	111 3 625 29.1 1124 3 3					
16	SB PERRY PAG252892.536991.252884.536878.	25	2.7	0.	32.	30.
17	SB PERRY PAG252884.536878.252819.536803.	25	2.7	0.	32.	30.
18	SB PERRY PAG252841.536829.252882.536876.	0.	12.	1		
150	111 3 25 29.1 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	225	2.7	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	2.7	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	141 5.0 25 29.1 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	2075	2.7	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	35 5.0 2075 29.1 1767 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	2125	2.7	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	2725	2.7	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	2850	2.7	0.	56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	36.	3		
150	42 5.0 2850 29.1 1087 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	2850	2.7	0.	56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	2850	2.7	0.	56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	2850	2.7	0.	56.	30.
0	117 WB dp AG251903.536849.252279.536832.	1925	2.7	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	1925	2.7	0.	44.	30.

S6B130PM.DAT

JOB: S6 B130 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:36:54.42

RUN: S6 B130 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	150.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252910.3	536710.6	*	46.	183. AG	116.	100.0	.0	24.0	.33 2.3
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	900.	2.7	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	900.	2.7	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	900.	2.7	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	900.	2.7	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	900.	2.7	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	900.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	650.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	650.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	650.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	650.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	650.	2.7	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	625.	2.7	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252917.8	537493.4	*	645.	2. AG	116.	100.0	.0	24.0	1.13 32.8
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	252851.0	536840.5	*	15.	41. AG	58.	100.0	.0	12.0	.06 .8
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536776.0	*	61.	172. AG	225.	2.7	.0	32.0	
20. 0	117 EB L *	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT *	252833.0	536810.0	252822.5	536810.0	*	10.	270. AG	147.	100.0	.0	24.0	.55 .5
22. 0	117 EB TH *	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2075.	2.7	.0	44.0	
23. 0	117 EB TH *	252847.0	536787.0	252648.5	536785.6	*	198.	270. AG	36.	100.0	.0	24.0	.82 10.1
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2125.	2.7	.0	56.0	
25. 0	117 EB Dp *	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2725.	2.7	.0	56.0	
26. 0	117 EB Dp *	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2725.	2.7	.0	56.0	
27. 0	117 EB Dp *	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2725.	2.7	.0	56.0	
28. 0	117 EB Dp *	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2725.	2.7	.0	56.0	
29. 0	117 WB Ap *	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2850.	2.7	.0	56.0	
30. 0	117 WB ap *	252989.0	536837.0	255534.1	536809.5	*	2545.	91. AG	66.	100.0	.0	36.0	1.30 129.3
31. 0	117 WB Ap *	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2850.	2.7	.0	56.0	
32. 0	117 WB Ap *	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2850.	2.7	.0	56.0	
33. 0	117 WB Ap *	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2850.	2.7	.0	56.0	
34. 0	117 WB dp *	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1925.	2.7	.0	44.0	
35. 0	117 WB dp *	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1925.	2.7	.0	44.0	
36. 0	117 WB dp *	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1925.	2.7	.0	44.0	
37. 0	117 WB dp *	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1925.	2.7	.0	44.0	

JOB: S6 B130 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:36:54.42

RUN: S6 B130 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	111	.3	150	933	29.10	3	3
15. 15	SB PERRY P*	150	111	.3	625	1124	29.10	3	3
18. 18	SB PERRY P*	150	111	.3	25	1583	29.10	3	3
21. 0	117 EB LT *	150	141	5.0	25	1717	29.10	3	3
23. 0	117 EB TH *	150	35	5.0	2075	1767	29.10	3	3
30. 0	117 WB ap *	150	42	5.0	2850	1087	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B130 PM MD 117 & PERRY PKWY

RUN: S6 B130 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.3	.6	.5	.4	.4	.1	.0	.0	.1	.2	.1	.2	.4	.2	.2	.1	.0	.0
5.	.0	.2	.3	.4	.5	.5	.4	.1	.0	.0	.1	.2	.1	.1	.5	.3	.3	.2	.0	.0
10.	.0	.2	.3	.4	.5	.5	.4	.0	.0	.0	.0	.1	.0	.0	.6	.3	.3	.2	.1	.0
15.	.0	.1	.2	.3	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.0
20.	.0	.0	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.0
25.	.0	.0	.3	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
30.	.0	.1	.3	.4	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.7	.4	.3	.3	.1	.1
35.	.0	.2	.3	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.1
40.	.0	.2	.3	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3	.3	.1	.1
45.	.0	.3	.2	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
50.	.0	.3	.3	.6	.7	.6	.6	.1	.0	.0	.0	.0	.0	.0	.7	.4	.3	.2	.1	.1
55.	.0	.2	.3	.5	.7	.6	.6	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
60.	.0	.1	.3	.5	.6	.7	.6	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
65.	.0	.1	.3	.6	.7	.7	.7	.2	.1	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
70.	.0	.1	.3	.7	.7	.8	.7	.3	.1	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
75.	.0	.1	.2	.8	.7	.8	.8	.4	.2	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
80.	.0	.1	.1	.7	.7	.9	.7	.5	.3	.1	.1	.0	.0	.0	.6	.4	.3	.3	.2	.1
85.	.0	.0	.1	.6	.8	.9	.7	.7	.4	.2	.3	.1	.0	.0	.6	.4	.4	.4	.3	.3
90.	.0	.0	.0	.5	.8	.8	.7	.8	.7	.3	.4	.1	.0	.0	.6	.4	.4	.4	.4	.4
95.	.0	.0	.0	.4	.6	.8	.7	.8	.7	.5	.4	.2	.1	.0	.6	.5	.4	.5	.4	.3
100.	.0	.0	.0	.3	.4	.6	.6	1.0	1.0	.6	.6	.3	.1	.0	.5	.5	.5	.7	.5	.4
105.	.0	.0	.0	.1	.2	.3	.3	1.1	1.1	.7	.6	.5	.1	.0	.5	.5	.6	.7	.4	.3
110.	.0	.0	.0	.1	.2	.3	.3	1.0	1.0	.7	.6	.5	.1	.0	.5	.4	.7	.7	.4	.3
115.	.0	.0	.0	.1	.1	.2	.2	1.0	.9	.6	.6	.5	.2	.0	.5	.4	.6	.7	.3	.3
120.	.0	.0	.0	.1	.1	.2	.2	.8	.9	.6	.5	.4	.2	.0	.5	.4	.6	.4	.4	.3
125.	.0	.0	.0	.0	.1	.2	.1	.7	.8	.6	.5	.4	.3	.0	.5	.4	.7	.4	.3	.3
130.	.0	.0	.0	.0	.1	.1	.1	.9	.7	.6	.6	.4	.3	.0	.5	.5	.6	.4	.3	.3
135.	.0	.0	.0	.0	.1	.1	.1	.9	.6	.5	.5	.5	.3	.0	.6	.5	.6	.4	.3	.3
140.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.5	.5	.5	.3	.0	.6	.4	.6	.2	.3	.3
145.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.4	.3	.0	.6	.4	.6	.2	.3	.3
150.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.4	.2	.0	.6	.5	.5	.2	.3	.3
155.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.4	.2	.0	.7	.5	.5	.2	.2	.2
160.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.3	.2	.0	.7	.5	.5	.2	.2	.2
165.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.6	.4	.3	.2	.0	.7	.4	.3	.2	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.3	.3	.2	.0	.7	.4	.2	.2	.2	.2
175.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.3	.3	.3	.0	.6	.2	.2	.2	.2	.2
180.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.3	.3	.3	.1	.5	.2	.2	.2	.2	.2
185.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.5	.3	.4	.3	.2	.4	.1	.2	.2	.2	.2
190.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.5	.3	.4	.3	.2	.3	.1	.2	.2	.2	.2
195.	.0	.0	.0	.1	.0	.1	.1	.5	.5	.5	.3	.3	.2	.3	.2	.0	.2	.2	.2	.2
200.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.5	.3	.3	.3	.3	.1	.0	.2	.2	.2	.2
205.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.5	.3	.3	.3	.3	.1	.0	.2	.2	.2	.2

1

JOB: S6 B130 PM MD 117 & PERRY PKWY

RUN: S6 B130 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.2	.1	.1	.1	.5	.6	.5	.3	.3	.2	.3	.0	.0	.2	.2	.3	.2
215.	.0	.0	.0	.2	.1	.1	.1	.5	.6	.4	.3	.2	.2	.3	.0	.0	.2	.2	.3	.2
220.	.0	.0	.0	.3	.1	.1	.1	.7	.7	.4	.3	.3	.4	.3	.0	.0	.2	.2	.3	.1
225.	.0	.0	.0	.3	.1	.1	.1	.8	.7	.4	.4	.5	.4	.3	.0	.0	.2	.2	.3	.3
230.	.0	.0	.0	.2	.1	.1	.1	.8	.7	.4	.3	.5	.4	.3	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.2	.2	.1	.1	.7	.8	.4	.4	.5	.4	.3	.0	.0	.1	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.8	.8	.5	.5	.4	.3	.3	.0	.0	.1	.3	.3	.3
245.	.0	.0	.0	.3	.2	.2	.1	.8	.8	.5	.6	.4	.3	.3	.0	.0	.1	.3	.3	.3
250.	.0	.0	.0	.2	.3	.3	.3	.9	.8	.4	.5	.5	.3	.3	.0	.0	.1	.3	.3	.2
255.	.0	.0	.0	.3	.3	.3	.3	.9	.7	.4	.5	.4	.3	.3	.0	.0	.1	.2	.2	.3
260.	.0	.0	.0	.3	.4	.4	.3	1.0	.6	.5	.4	.5	.3	.3	.0	.0	.1	.2	.2	.3
265.	.0	.0	.0	.3	.4	.4	.4	1.1	.5	.3	.4	.4	.3	.3	.0	.0	.0	.2	.2	.3
270.	.0	.0	.0	.5	.4	.5	.4	1.1	.4	.3	.3	.3	.3	.3	.0	.0	.0	.2	.2	.2
275.	.0	.0	.0	.6	.5	.6	.5	.7	.4	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.7	.5	.5	.7	.6	.4	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.5	.5	.5	.7	.5	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.4	.5	.6	.6	.3	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.4	.5	.7	.7	.3	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.6	.8	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.4	.5	.8	.8	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	.0	.0	.3	.4	.5	.8	.8	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	.0	.0	.3	.3	.6	.8	.8	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.3	.4	.6	.6	.5	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
325.	.0	.0	.2	.6	.5	.6	.5	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
330.	.0	.0	.1	.5	.5	.6	.5	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.0	.1	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
345.	.0	.2	.3	.6	.6	.6	.5	.0	.0	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
350.	.1	.2	.4	.6	.6	.4	.5	.0	.0	.1	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0
355.	.1	.3	.3	.7	.6	.4	.5	.1	.0	.1	.1	.3	.2	.2	.3	.1	.1	.1	.0	.0
360.	.1	.3	.3	.6	.5	.4	.4	.1	.0	.0	.1	.2	.1	.2	.4	.2	.2	.1	.0	.0
MAX DEGR.	.1	.3	.4	.8	.8	.9	.8	1.1	1.1	.7	.6	.5	.4	.3	.7	.5	.7	.7	.5	.4

1

JOB: S6 B130 PM MD 117 & PERRY PKWY

RUN: S6 B130 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.4	.5	.4	.1
5.	.0	.3	.4	.5	.4	.4	.1
10.	.0	.3	.4	.5	.5	.5	.2
15.	.0	.3	.5	.5	.5	.5	.3
20.	.0	.3	.5	.5	.5	.5	.4
25.	.0	.3	.5	.6	.5	.4	.3
30.	.0	.3	.5	.5	.4	.4	.3
35.	.0	.3	.5	.5	.3	.4	.3
40.	.0	.3	.5	.5	.3	.4	.3
45.	.1	.5	.5	.5	.3	.5	.3
50.	.1	.5	.5	.5	.3	.5	.2
55.	.2	.4	.5	.6	.5	.5	.1
60.	.2	.4	.6	.4	.4	.4	.2
65.	.2	.4	.5	.5	.4	.5	.2
70.	.1	.4	.6	.6	.4	.4	.2
75.	.2	.5	.6	.6	.7	.3	.1
80.	.2	.4	.6	.5	.6	.2	.1
85.	.5	.4	.5	.4	.4	.1	.1
90.	.5	.4	.5	.3	.4	.1	.0
95.	.7	.3	.2	.4	.4	.0	.0
100.	.6	.2	.1	.1	.2	.0	.0
105.	.5	.1	.1	.1	.2	.0	.0
110.	.5	.1	.0	.0	.2	.0	.0
115.	.5	.1	.0	.0	.2	.0	.0
120.	.5	.0	.0	.0	.2	.0	.0
125.	.4	.0	.0	.0	.1	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.0	.0	.0
150.	.4	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0

1

JOB: S6 B130 PM MD 117 & PERRY PKWY

RUN: S6 B130 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.4	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0
250.	.5	.1	.0	.0	.0	.0	.0
255.	.5	.1	.1	.0	.0	.0	.0
260.	.6	.2	.2	.1	.0	.0	.0
265.	.6	.2	.2	.2	.1	.0	.0
270.	.5	.3	.2	.2	.2	.0	.0
275.	.5	.4	.3	.4	.3	.1	.0
280.	.3	.5	.4	.4	.4	.1	.0
285.	.2	.5	.4	.4	.4	.1	.1
290.	.1	.4	.5	.4	.4	.2	.1
295.	.1	.4	.5	.4	.4	.1	.1
300.	.1	.4	.5	.4	.4	.1	.0
305.	.1	.4	.4	.4	.4	.1	.0
310.	.1	.3	.4	.4	.4	.2	.1
315.	.1	.3	.3	.4	.4	.2	.1
320.	.0	.3	.4	.4	.4	.2	.1
325.	.0	.3	.4	.4	.4	.2	.1
330.	.0	.3	.4	.4	.3	.2	.1
335.	.0	.3	.4	.4	.3	.2	.1
340.	.0	.3	.4	.4	.3	.2	.1
345.	.0	.3	.4	.4	.3	.3	.1
350.	.0	.3	.4	.4	.3	.2	.2
355.	.0	.3	.4	.4	.3	.3	.2
360.	.0	.3	.4	.4	.5	.4	.1

MAX DEGR.	95	45	60	25	75	10	20
	.7	.5	.6	.6	.7	.5	.4

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 80 DEGREES FROM REC6 .

1

JOB: S6 B130 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:36:54.42

RUN: S6 B130 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 0	REC3 350	REC4 75	REC5 85	REC6 80	REC7 75	REC8 105	REC9 105	REC10 105	REC11 100	REC12 105	REC13 220	REC14 195	REC15 15	REC16 95	REC17 110	REC18 100	REC19 100	REC20 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.3	.3	.2	.1
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.1	.2	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
28	*	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
29	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.1	.2	.1	.1
30	*	.0	.0	.0	.2	.2	.2	.2	.5	.4	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.1
31	*	.0	.0	.0	.1	.1	.1	.0	.0	.4	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1

1

JOB: S6 B130 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:36:54.42

RUN: S6 B130 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 95	REC22 45	REC23 60	REC24 25	REC25 75	REC26 10	REC27 20
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.2	.0	.2	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.0	.3	.2	.0	.0	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.0	.0	.0	.2	.1	.1
29	*	.0	.0	.0	.0	.1	.1	.1
30	*	.1	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.1	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.1	.0	.0	.0

S6B230AM.DAT

S6 B230 AM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 B230 AM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	150	2.7	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	125 3 150 29.1 1196 3 3					
3	NB PERRY PAG252915.536788.252933.536839.	625	2.7	0.	44.	30.
4	NB PERRY PAG252933.536839.252943.537035.	625	2.7	0.	44.	30.
5	NB PERRY PAG252943.537035.252936.537136.	625	2.7	0.	44.	30.
6	NB PERRY PAG252936.537136.252949.537333.	625	2.7	0.	44.	30.
7	NB PERRY PAG252949.537333.252923.537483.	625	2.7	0.	44.	30.
8	NB PERRY PAG252923.537483.252866.537616.	625	2.7	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	275	2.7	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	275	2.7	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	275	2.7	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	275	2.7	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	275	2.7	0.	56.	30.
14	SB PERRY PAG252898.536984.252889.536776.	250	2.7	0.	44.	30.
15	SB PERRY PAG252892.536849.252895.536924.	0.	24.	2		
150	125 3 250 29.1 1077 3 3					
16	SB PERRY PAG252892.536991.252884.536878.	25	2.7	0.	32.	30.
17	SB PERRY PAG252884.536878.252819.536803.	25	2.7	0.	32.	30.
18	SB PERRY PAG252841.536829.252882.536876.	0.	12.	1		
150	125 3 25 29.1 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	125	2.7	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	2.7	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	142 5.0 25 29.1 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	1150	2.7	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	23 5.0 1150 29.1 1764 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	1175	2.7	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	1400	2.7	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	1400	2.7	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	3525	2.7	0.	56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	36.	3		
150	30 5.0 3525 29.1 1557 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	3525	2.7	0.	56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	3525	2.7	0.	56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	3525	2.7	0.	56.	30.
0	117 WB dp AG251903.536849.252279.536832.	2975	2.7	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	2975	2.7	0.	44.	30.

S6B230AM.DAT

JOB: S6 B230 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:41:21.09

RUN: S6 B230 AM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	150.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252909.9	536704.9	*	51.	183. AG	130.	100.0	.0	24.0	.42 2.6
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	625.	2.7	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	625.	2.7	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	625.	2.7	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	625.	2.7	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	625.	2.7	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	625.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	275.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	275.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	275.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	275.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	275.	2.7	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	250.	2.7	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252895.8	536943.9	*	95.	2. AG	130.	100.0	.0	24.0	.77 4.8
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	252852.2	536841.9	*	17.	41. AG	65.	100.0	.0	12.0	.10 .9
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536716.0	*	61.	172. AG	125.	2.7	.0	32.0	
20. 0	117 EB L *	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT *	252833.0	536810.0	252796.1	536810.0	*	37.	270. AG	148.	100.0	.0	24.0	1.09 1.9
22. 0	117 EB TH *	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	1150.	2.7	.0	44.0	
23. 0	117 EB TH *	252847.0	536787.0	252774.7	536786.5	*	72.	269. AG	24.	100.0	.0	24.0	.41 3.7
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	1175.	2.7	.0	56.0	
25. 0	117 EB Dp *	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	1400.	2.7	.0	56.0	
26. 0	117 EB Dp *	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	1400.	2.7	.0	56.0	
27. 0	117 EB Dp *	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	1400.	2.7	.0	56.0	
28. 0	117 EB Dp *	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	1400.	2.7	.0	56.0	
29. 0	117 WB Ap *	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	3525.	2.7	.0	56.0	
30. 0	117 WB ap *	252989.0	536837.0	253378.9	536832.8	*	390.	91. AG	47.	100.0	.0	36.0	1.00 19.8
31. 0	117 WB Ap *	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	3525.	2.7	.0	56.0	
32. 0	117 WB Ap *	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	3525.	2.7	.0	56.0	
33. 0	117 WB Ap *	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	3525.	2.7	.0	56.0	
34. 0	117 WB dp *	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	2975.	2.7	.0	44.0	
35. 0	117 WB dp *	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	2975.	2.7	.0	44.0	
36. 0	117 WB dp *	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	2975.	2.7	.0	44.0	
37. 0	117 WB dp *	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	2975.	2.7	.0	44.0	

JOB: S6 B230 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:41:21.09

RUN: S6 B230 AM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	125	.3	150	1196	29.10	3	3
15. 15	SB PERRY P*	150	125	.3	250	1077	29.10	3	3
18. 18	SB PERRY P*	150	125	.3	25	1583	29.10	3	3
21. 0	117 EB LT *	150	142	5.0	25	1717	29.10	3	3
23. 0	117 EB TH *	150	23	5.0	1150	1764	29.10	3	3
30. 0	117 WB ap *	150	30	5.0	3525	1557	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B230 AM MD 117 & PERRY PKWY

RUN: S6 B230 AM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
45.	.0	.1	.2	.4	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
50.	.0	.1	.1	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
55.	.0	.1	.1	.5	.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
60.	.0	.0	.1	.6	.5	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0
65.	.0	.0	.1	.5	.5	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
70.	.0	.0	.1	.5	.6	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
75.	.0	.0	.0	.5	.5	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0
80.	.0	.0	.0	.5	.5	.6	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2
85.	.0	.0	.0	.5	.5	.4	.4	.3	.5	.1	.3	.0	.0	.0	.0	.0	.3	.3	.3	.3
90.	.0	.0	.0	.3	.4	.4	.4	.4	.5	.4	.3	.1	.0	.0	.0	.0	.3	.5	.3	.3
95.	.0	.0	.0	.1	.4	.4	.3	.5	.7	.5	.5	.2	.0	.0	.0	.0	.3	.6	.4	.3
100.	.0	.0	.0	.1	.2	.2	.3	.5	.7	.5	.5	.4	.0	.0	.0	.0	.5	.6	.4	.3
105.	.0	.0	.0	.1	.2	.2	.2	.6	.8	.5	.4	.3	.0	.0	.0	.0	.6	.6	.3	.4
110.	.0	.0	.0	.0	.1	.1	.1	.6	.8	.5	.6	.3	.2	.0	.0	.0	.6	.6	.3	.3
115.	.0	.0	.0	.0	.1	.1	.1	.8	.8	.6	.6	.3	.1	.0	.0	.1	.6	.5	.4	.3
120.	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.6	.4	.1	.0	.0	.1	.4	.5	.4	.3
125.	.0	.0	.0	.0	.0	.1	.1	.8	.7	.5	.5	.3	.2	.0	.0	.2	.5	.4	.4	.4
130.	.0	.0	.0	.0	.0	.1	.1	.8	.7	.6	.4	.3	.2	.0	.0	.1	.5	.5	.4	.4
135.	.0	.0	.0	.0	.0	.1	.0	.7	.7	.6	.4	.3	.3	.0	.0	.1	.4	.5	.4	.4
140.	.0	.0	.0	.0	.0	.1	.0	.7	.6	.5	.4	.3	.2	.0	.0	.1	.4	.3	.3	.3
145.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.5	.3	.1	.0	.0	.2	.4	.2	.3	.3
150.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.5	.5	.2	.1	.0	.0	.2	.4	.3	.3	.2
155.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.4	.5	.2	.1	.0	.0	.2	.4	.3	.3	.2
160.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.4	.5	.3	.1	.0	.0	.3	.4	.3	.3	.2
165.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.4	.4	.3	.1	.0	.0	.3	.3	.2	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.4	.4	.3	.1	.0	.0	.2	.2	.2	.2	.3
175.	.0	.0	.0	.0	.0	.1	.1	.7	.5	.4	.4	.3	.1	.0	.0	.1	.2	.2	.2	.2
180.	.0	.0	.0	.1	.0	.1	.1	.6	.5	.5	.4	.3	.1	.0	.0	.2	.1	.3	.2	.2
185.	.0	.0	.0	.1	.0	.1	.1	.6	.5	.5	.4	.3	.2	.0	.0	.2	.1	.3	.2	.2
190.	.0	.0	.0	.1	.0	.1	.1	.7	.5	.5	.4	.2	.2	.0	.0	.2	.1	.3	.2	.2
195.	.0	.0	.0	.2	.0	.1	.0	.6	.5	.5	.5	.3	.2	.1	.0	.1	.2	.3	.2	.2
200.	.0	.0	.0	.2	.0	.0	.0	.6	.6	.5	.4	.3	.3	.1	.0	.1	.2	.3	.2	.2
205.	.0	.0	.0	.3	.0	.0	.0	.6	.5	.5	.5	.3	.3	.1	.0	.1	.2	.3	.2	.2

1

JOB: S6 B230 AM MD 117 & PERRY PKWY

RUN: S6 B230 AM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.0	.0	.0	.6	.6	.5	.5	.3	.3	.1	.0	.1	.2	.3	.2	.2
215.	.0	.0	.0	.3	.0	.0	.0	.5	.5	.5	.3	.3	.4	.1	.0	.1	.1	.3	.2	.3
220.	.0	.0	.0	.3	.0	.1	.0	.5	.5	.5	.3	.4	.4	.1	.0	.1	.1	.3	.3	.3
225.	.0	.0	.0	.3	.0	.1	.1	.5	.6	.5	.3	.4	.4	.1	.0	.1	.1	.3	.3	.3
230.	.0	.0	.0	.3	.1	.1	.1	.6	.7	.5	.4	.4	.3	.1	.0	.1	.1	.2	.3	.2
235.	.0	.0	.0	.3	.1	.1	.1	.7	.7	.4	.3	.4	.3	.1	.0	.0	.1	.2	.3	.3
240.	.0	.0	.0	.2	.1	.1	.1	.8	.7	.4	.3	.3	.3	.1	.0	.0	.1	.2	.3	.4
245.	.0	.0	.0	.2	.2	.1	.1	.8	.8	.4	.4	.5	.3	.1	.0	.0	.1	.2	.3	.4
250.	.0	.0	.0	.2	.2	.1	.1	.9	.8	.4	.5	.5	.2	.1	.0	.0	.1	.2	.3	.5
255.	.0	.0	.0	.1	.2	.2	.2	.9	.8	.4	.4	.4	.1	.1	.0	.0	.1	.2	.4	.5
260.	.0	.0	.0	.2	.2	.2	.2	1.0	.8	.4	.4	.4	.1	.1	.0	.0	.0	.2	.5	.3
265.	.0	.0	.0	.3	.2	.2	.2	.9	.6	.4	.3	.4	.1	.1	.0	.0	.0	.1	.3	.3
270.	.0	.0	.0	.2	.3	.3	.2	.8	.5	.3	.4	.4	.1	.1	.0	.0	.0	.1	.3	.2
275.	.0	.0	.0	.3	.4	.4	.4	.8	.6	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.2
280.	.0	.0	.0	.4	.3	.4	.5	.6	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.4	.4	.4	.5	.4	.3	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.4	.4	.5	.6	.4	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.5	.4	.6	.5	.2	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.5	.6	.5	.2	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.6	.5	.5	.2	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.0	.2	.2	.4	.4	.4	.2	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.2	.4	.4	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	.0	.1	.3	.3	.4	.4	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	.0	.2	.3	.4	.4	.4	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	.0	.1	.3	.4	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.0	.1	.2	.3	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
345.	.0	.0	.3	.3	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
355.	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.4	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.2	.3	.6	.6	.6	.6	1.0	.8	.6	.6	.5	.4	.1	.0	.3	.6	.6	.5	.5

1

JOB: S6 B230 AM MD 117 & PERRY PKWY

RUN: S6 B230 AM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.1	.3	.2	.3	.3	.3	.1
5.	.1	.3	.2	.4	.3	.3	.2
10.	.0	.3	.2	.4	.3	.3	.1
15.	.0	.3	.2	.4	.3	.4	.2
20.	.0	.3	.2	.4	.4	.3	.2
25.	.0	.3	.2	.6	.4	.5	.2
30.	.1	.2	.2	.6	.3	.5	.2
35.	.1	.2	.2	.6	.2	.5	.2
40.	.1	.3	.2	.6	.3	.5	.2
45.	.1	.3	.2	.5	.2	.5	.2
50.	.1	.3	.3	.6	.3	.5	.1
55.	.1	.3	.4	.6	.3	.4	.1
60.	.1	.2	.4	.5	.3	.5	.1
65.	.1	.3	.4	.3	.3	.3	.1
70.	.3	.3	.4	.2	.4	.3	.0
75.	.3	.3	.4	.2	.5	.2	.0
80.	.4	.3	.2	.3	.5	.1	.0
85.	.5	.2	.2	.3	.3	.1	.0
90.	.6	.2	.1	.2	.2	.0	.0
95.	.6	.1	.1	.1	.2	.0	.0
100.	.6	.1	.1	.1	.2	.0	.0
105.	.7	.1	.0	.1	.2	.0	.0
110.	.5	.0	.0	.1	.2	.0	.0
115.	.5	.0	.0	.1	.2	.0	.0
120.	.5	.0	.0	.0	.2	.0	.0
125.	.5	.0	.0	.0	.2	.0	.0
130.	.4	.0	.0	.0	.2	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0
150.	.4	.0	.0	.0	.1	.0	.0
155.	.4	.0	.0	.0	.0	.0	.0
160.	.4	.0	.0	.0	.0	.0	.0
165.	.4	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0

1

JOB: S6 B230 AM MD 117 & PERRY PKWY

RUN: S6 B230 AM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.5	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.0	.0	.0	.0	.0	.0
250.	.6	.0	.0	.0	.0	.0	.0
255.	.7	.1	.0	.0	.0	.0	.0
260.	.7	.1	.0	.0	.0	.0	.0
265.	.7	.1	.2	.1	.0	.0	.0
270.	.7	.3	.2	.1	.0	.0	.0
275.	.6	.4	.3	.2	.1	.0	.0
280.	.4	.4	.3	.3	.1	.0	.0
285.	.3	.4	.4	.2	.2	.0	.0
290.	.2	.4	.4	.3	.2	.0	.0
295.	.2	.5	.3	.3	.2	.0	.0
300.	.1	.4	.2	.2	.3	.1	.0
305.	.1	.3	.2	.2	.3	.1	.0
310.	.1	.3	.3	.2	.3	.1	.0
315.	.1	.3	.3	.2	.3	.1	.1
320.	.1	.3	.3	.2	.3	.1	.1
325.	.1	.3	.2	.2	.3	.2	.1
330.	.1	.3	.2	.2	.3	.2	.1
335.	.0	.3	.2	.2	.3	.2	.1
340.	.0	.3	.2	.2	.3	.1	.1
345.	.0	.3	.2	.2	.2	.1	.1
350.	.0	.3	.2	.2	.2	.2	.1
355.	.1	.3	.2	.2	.3	.2	.1
360.	.1	.3	.2	.3	.3	.3	.1

MAX DEGR.	105	295	55	25	75	25	5
	.7	.5	.4	.6	.5	.5	.2

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 260 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 255 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 105 DEGREES FROM REC21 .

1

JOB: S6 B230 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:41:21.09

RUN: S6 B230 AM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 325	REC3 315	REC4 60	REC5 70	REC6 75	REC7 290	REC8 260	REC9 255	REC10 115	REC11 110	REC12 245	REC13 215	REC14 195	REC15 0	REC16 160	REC17 105	REC18 95	REC19 260	REC20 250
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.2	.3	.2	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.2	.1	.0	.1	.1	.4	.2	.3	.0	.0	.0	.0	.1	.1	.2	.0	
30	*	.0	.0	.0	.1	.1	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
31	*	.0	.0	.0	.1	.2	.2	.2	.5	.1	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	
32	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	
37	*	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.2	.1	

1

JOB: S6 B230 AM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:41:21.09

RUN: S6 B230 AM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 105	REC22 295	REC23 55	REC24 25	REC25 75	REC26 25	REC27 5
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.2	.0	.0	.0
22	*	.0	.0	.1	.1	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.1	.1	.0
29	*	.0	.0	.0	.0	.1	.1	.0
30	*	.0	.0	.0	.0	.1	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.0	.0	.0	.0	.0
35	*	.3	.2	.0	.0	.0	.0	.0
36	*	.2	.0	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.1	.0	.0	.0

S6B230PM.DAT

S6 B230 PM MD 117 & PERRY PKWY	60.0175.0.0000.000270.30480000	11	1
REC 1 SE CORNER	252955.	536390.	5.
REC 2 SE CORNER	252983.	536599.	5.
REC 3 SE CORNER	252951.	536675.	5.
REC 4 SE CORNER	252938.	536767.	5.
REC 5 82' ES CORNER	253015.	536774.	5.
REC 6 164' ES CORNER	253097.	536779.	5.
REC 7 400' ES CORNER	253336.	536761.	5.
REC 8 400' EN CORNER	253354.	536843.	5.
REC 9 164' EN CORNER	253116.	536860.	5.
REC 10 82' EN CORNER	253035.	536875.	5.
REC 11 NE CORNER	252972.	536876.	5.
REC 12 82' NE CORNER	252958.	536901.	5.
REC 13 164' NE CORNE	252963.	536983.	5.
REC 14 400' NE CORNE	252966.	537217.	5.
REC 15 400' NW CORNE	252892.	537246.	5.
REC 16 164' NW CORNE	252869.	537013.	5.
REC 17 82' NW CORNER	252862.	536928.	5.
REC 18 NW CORNER	252847.	536878.	5.
REC 19 82' WN CORNER	252761.	536870.	5.
REC 20 164' WN CORNE	252673.	536870.	5.
REC 21 400' WN CORNE	252467.	536845.	5.
REC 22 400' WS CORNE	252464.	536777.	5.
REC 23 164' WS CORNE	252704.	536763.	5.
REC 24 82' WS CORNER	252782.	536760.	5.
REC 25 SW CORNER	252864.	536751.	5.
REC 26 SW CORNER	252886.	536694.	5.
REC 27 SW CORNER	252871.	536639.	5.
S6 B230 PM MD 117 & PERRY PKWY	37	1	1

1	EX PARKLOTAG252911.536719.252915.536788.	175	2.7	0.	44.	30.
2	EXIT PARKLAG252913.536756.252911.536723.	0.	24.	2		
150	111 3 175 29.1 948 3 3					
3	NB PERRY PAG252915.536788.252933.536839.	925	2.7	0.	44.	30.
4	NB PERRY PAG252933.536839.252943.537035.	925	2.7	0.	44.	30.
5	NB PERRY PAG252943.537035.252936.537136.	925	2.7	0.	44.	30.
6	NB PERRY PAG252936.537136.252949.537333.	925	2.7	0.	44.	30.
7	NB PERRY PAG252949.537333.252923.537483.	925	2.7	0.	44.	30.
8	NB PERRY PAG252923.537483.252866.537616.	925	2.7	0.	44.	30.
9	SB PERRY PAG252843.537607.252897.537484.	650	2.7	0.	44.	30.
10	SB PERRY PAG252897.537484.252922.537366.	650	2.7	0.	44.	30.
11	SB PERRY PAG252922.537366.252922.537227.	650	2.7	0.	44.	30.
12	SB PERRY PAG252922.537227.252909.537075.	650	2.7	0.	44.	30.
13	SB PERRY PAG252909.537075.252898.536984.	650	2.7	0.	56.	30.
14	SB PERRY PAG252898.536984.252889.536776.	625	2.7	0.	44.	30.
15	SB PERRY PAG252892.536849.252895.536924.	0.	24.	2		
150	111 3 625 29.1 1082 3 3					
16	SB PERRY PAG252892.536991.252884.536878.	25	2.7	0.	32.	30.
17	SB PERRY PAG252884.536878.252819.536803.	25	2.7	0.	32.	30.
18	SB PERRY PAG252841.536829.252882.536876.	0.	12.	1		
150	111 3 25 29.1 1583 3 3					
19	ENT PARKLOAG252890.536776.252898.536716.	225	2.7	0.	32.	30.
0	117 EB L AG252887.536811.252613.536808.	25	2.7	0.	44.	30.
0	117 EB LT AG252833.536810.252731.536810.	0.	24.	2		
150	142 5.0 25 29.1 1717 3 3					
0	117 EB TH AG252895.536788.252612.536786.	2075	2.7	0.	44.	30.
0	117 EB TH AG252847.536787.252707.536786.	0.	24.	2		
150	37 5.0 2075 29.1 1767 3 3					
0	117 EB ALLAG252611.536795.251901.536824.	2125	2.7	0.	56.	30.
0	117 EB Dp AG253893.536692.253586.536754.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253586.536754.253297.536775.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253297.536775.253058.536792.	2725	2.7	0.	56.	30.
0	117 EB Dp AG253058.536792.252896.536790.	2725	2.7	0.	56.	30.
0	117 WB Ap AG252902.536838.253107.536836.	2850	2.7	0.	56.	30.
0	117 WB ap AG252989.536837.253084.536836.	0.	36.	3		
150	44 5.0 2850 29.1 1087 3 3					
0	117 WB Ap AG253108.536836.253356.536818.	2850	2.7	0.	56.	30.
0	117 WB Ap AG253356.536818.253714.536775.	2850	2.7	0.	56.	30.
0	117 WB Ap AG253714.536775.253899.536742.	2850	2.7	0.	56.	30.
0	117 WB dp AG251903.536849.252279.536832.	1925	2.7	0.	44.	30.
0	117 WB dp AG252279.536832.252517.536832.	1925	2.7	0.	44.	30.

S6B230PM.DAT

JOB: S6 B230 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:45:48.41

RUN: S6 B230 PM MD 117 & PERRY PKWY

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	EX PARKLOT*	252911.0	536719.0	252915.0	536788.0	*	69.	3. AG	175.	2.7	.0	44.0	
2. 2	EXIT PARKL*	252913.0	536756.0	252909.8	536703.3	*	53.	183. AG	116.	100.0	.0	24.0	.38 2.7
3. 3	NB PERRY P*	252915.0	536788.0	252933.0	536839.0	*	54.	19. AG	925.	2.7	.0	44.0	
4. 4	NB PERRY P*	252933.0	536839.0	252943.0	537035.0	*	196.	3. AG	925.	2.7	.0	44.0	
5. 5	NB PERRY P*	252943.0	537035.0	252936.0	537136.0	*	101.	356. AG	925.	2.7	.0	44.0	
6. 6	NB PERRY P*	252936.0	537136.0	252949.0	537333.0	*	197.	4. AG	925.	2.7	.0	44.0	
7. 7	NB PERRY P*	252949.0	537333.0	252923.0	537483.0	*	152.	350. AG	925.	2.7	.0	44.0	
8. 8	NB PERRY P*	252923.0	537483.0	252866.0	537616.0	*	145.	337. AG	925.	2.7	.0	44.0	
9. 9	SB PERRY P*	252843.0	537607.0	252897.0	537484.0	*	134.	156. AG	650.	2.7	.0	44.0	
10. 10	SB PERRY P*	252897.0	537484.0	252922.0	537366.0	*	121.	168. AG	650.	2.7	.0	44.0	
11. 11	SB PERRY P*	252922.0	537366.0	252922.0	537227.0	*	139.	180. AG	650.	2.7	.0	44.0	
12. 12	SB PERRY P*	252922.0	537227.0	252909.0	537075.0	*	153.	185. AG	650.	2.7	.0	44.0	
13. 13	SB PERRY P*	252909.0	537075.0	252898.0	536984.0	*	92.	187. AG	650.	2.7	.0	56.0	
14. 14	SB PERRY P*	252898.0	536984.0	252889.0	536776.0	*	208.	182. AG	625.	2.7	.0	44.0	
15. 15	SB PERRY P*	252892.0	536849.0	252922.2	537603.6	*	755.	2. AG	116.	100.0	.0	24.0	1.18 38.4
16. 16	SB PERRY P*	252892.0	536991.0	252884.0	536878.0	*	113.	184. AG	25.	2.7	.0	32.0	
17. 17	SB PERRY P*	252884.0	536878.0	252819.0	536803.0	*	99.	221. AG	25.	2.7	.0	32.0	
18. 18	SB PERRY P*	252841.0	536829.0	252851.0	536840.5	*	15.	41. AG	58.	100.0	.0	12.0	.06 .8
19. 19	ENT PARKLO*	252890.0	536776.0	252898.0	536776.0	*	61.	172. AG	225.	2.7	.0	32.0	
20. 0	117 EB L *	252887.0	536811.0	252613.0	536808.0	*	274.	269. AG	25.	2.7	.0	44.0	
21. 0	117 EB LT *	252833.0	536810.0	252796.1	536810.0	*	37.	270. AG	148.	100.0	.0	24.0	1.09 1.9
22. 0	117 EB TH *	252895.0	536788.0	252612.0	536786.0	*	283.	270. AG	2075.	2.7	.0	44.0	
23. 0	117 EB TH *	252847.0	536787.0	252637.2	536785.5	*	210.	269. AG	39.	100.0	.0	24.0	.83 10.7
24. 0	117 EB ALL*	252611.0	536795.0	251901.0	536824.0	*	711.	272. AG	2125.	2.7	.0	56.0	
25. 0	117 EB Dp *	253893.0	536692.0	253586.0	536754.0	*	313.	281. AG	2725.	2.7	.0	56.0	
26. 0	117 EB Dp *	253586.0	536754.0	253297.0	536775.0	*	290.	274. AG	2725.	2.7	.0	56.0	
27. 0	117 EB Dp *	253297.0	536775.0	253058.0	536792.0	*	240.	274. AG	2725.	2.7	.0	56.0	
28. 0	117 EB Dp *	253058.0	536792.0	252896.0	536790.0	*	162.	269. AG	2725.	2.7	.0	56.0	
29. 0	117 WB Ap *	252902.0	536838.0	253107.0	536836.0	*	205.	91. AG	2850.	2.7	.0	56.0	
30. 0	117 WB ap *	252989.0	536837.0	255683.9	536808.0	*	2695.	91. AG	69.	100.0	.0	36.0	1.32 136.9
31. 0	117 WB Ap *	253108.0	536836.0	253356.0	536818.0	*	249.	94. AG	2850.	2.7	.0	56.0	
32. 0	117 WB Ap *	253356.0	536818.0	253714.0	536775.0	*	361.	97. AG	2850.	2.7	.0	56.0	
33. 0	117 WB Ap *	253714.0	536775.0	253899.0	536742.0	*	188.	100. AG	2850.	2.7	.0	56.0	
34. 0	117 WB dp *	251903.0	536849.0	252279.0	536832.0	*	376.	93. AG	1925.	2.7	.0	44.0	
35. 0	117 WB dp *	252279.0	536832.0	252517.0	536832.0	*	238.	90. AG	1925.	2.7	.0	44.0	
36. 0	117 WB dp *	252517.0	536832.0	252633.0	536836.0	*	116.	88. AG	1925.	2.7	.0	44.0	
37. 0	117 WB dp *	252636.0	536836.0	252901.0	536837.0	*	265.	90. AG	1925.	2.7	.0	44.0	

JOB: S6 B230 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:45:48.41

RUN: S6 B230 PM MD 117 & PERRY PKWY

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	EXIT PARKL*	150	111	.3	175	948	29.10	3	3
15. 15	SB PERRY P*	150	111	.3	625	1082	29.10	3	3
18. 18	SB PERRY P*	150	111	.3	25	1583	29.10	3	3
21. 0	117 EB LT *	150	142	5.0	25	1717	29.10	3	3
23. 0	117 EB TH *	150	37	5.0	2075	1767	29.10	3	3
30. 0	117 WB ap *	150	44	5.0	2850	1087	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	252955.0	536390.0	5.0	*
2. REC 2 SE CORNER	*	252983.0	536599.0	5.0	*
3. REC 3 SE CORNER	*	252951.0	536675.0	5.0	*
4. REC 4 SE CORNER	*	252938.0	536767.0	5.0	*
5. REC 5 82' ES CORNER	*	253015.0	536774.0	5.0	*
6. REC 6 164' ES CORNER	*	253097.0	536779.0	5.0	*
7. REC 7 400' ES CORNER	*	253336.0	536761.0	5.0	*
8. REC 8 400' EN CORNER	*	253354.0	536843.0	5.0	*
9. REC 9 164' EN CORNER	*	253116.0	536860.0	5.0	*
10. REC 10 82' EN CORNER	*	253035.0	536875.0	5.0	*
11. REC 11 NE CORNER	*	252972.0	536876.0	5.0	*
12. REC 12 82' NE CORNER	*	252958.0	536901.0	5.0	*
13. REC 13 164' NE CORNE	*	252963.0	536983.0	5.0	*
14. REC 14 400' NE CORNE	*	252966.0	537217.0	5.0	*
15. REC 15 400' NW CORNE	*	252892.0	537246.0	5.0	*
16. REC 16 164' NW CORNE	*	252869.0	537013.0	5.0	*
17. REC 17 82' NW CORNER	*	252862.0	536928.0	5.0	*
18. REC 18 NW CORNER	*	252847.0	536878.0	5.0	*
19. REC 19 82' WN CORNER	*	252761.0	536870.0	5.0	*
20. REC 20 164' WN CORNE	*	252673.0	536870.0	5.0	*
21. REC 21 400' WN CORNE	*	252467.0	536845.0	5.0	*
22. REC 22 400' WS CORNE	*	252464.0	536777.0	5.0	*
23. REC 23 164' WS CORNE	*	252704.0	536763.0	5.0	*
24. REC 24 82' WS CORNER	*	252782.0	536760.0	5.0	*
25. REC 25 SW CORNER	*	252864.0	536751.0	5.0	*
26. REC 26 SW CORNER	*	252886.0	536694.0	5.0	*
27. REC 27 SW CORNER	*	252871.0	536639.0	5.0	*

JOB: S6 B230 PM MD 117 & PERRY PKWY

RUN: S6 B230 PM MD 117 & PERRY PKWY
Page 1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.3	.6	.6	.4	.4	.1	.0	.0	.1	.2	.2	.2	.4	.2	.2	.1	.0	.0
5.	.1	.3	.3	.5	.5	.5	.4	.0	.0	.0	.1	.2	.1	.2	.5	.3	.3	.2	.0	.0
10.	.0	.2	.3	.4	.5	.5	.4	.0	.0	.0	.0	.2	.0	.0	.6	.4	.3	.3	.1	.0
15.	.0	.1	.2	.3	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.0
20.	.0	.0	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
25.	.0	.0	.3	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.3	.1	.1
30.	.0	.2	.3	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.7	.4	.3	.3	.1	.1
35.	.0	.2	.3	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.1
40.	.0	.2	.3	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.6	.3	.3	.3	.1	.1
45.	.0	.3	.2	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.7	.4	.3	.2	.1	.1
50.	.0	.3	.3	.6	.7	.7	.6	.1	.0	.0	.0	.0	.0	.0	.7	.4	.3	.2	.1	.1
55.	.0	.2	.3	.5	.7	.7	.6	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
60.	.0	.1	.3	.5	.7	.7	.6	.1	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
65.	.0	.1	.3	.6	.7	.7	.7	.2	.1	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
70.	.0	.1	.3	.8	.7	.8	.8	.3	.1	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
75.	.0	.1	.2	.8	.7	.8	.8	.4	.2	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.1
80.	.0	.1	.1	.7	.7	.9	.8	.5	.3	.1	.1	.0	.0	.0	.6	.4	.3	.3	.2	.1
85.	.0	.0	.1	.6	.8	.9	.7	.7	.4	.2	.3	.1	.0	.0	.6	.4	.4	.4	.3	.3
90.	.0	.0	.1	.5	.8	.8	.7	.9	.7	.3	.4	.1	.1	.0	.6	.4	.4	.4	.4	.4
95.	.0	.0	.0	.4	.6	.8	.7	.9	.7	.5	.4	.3	.1	.0	.6	.5	.4	.6	.4	.3
100.	.0	.0	.0	.3	.5	.6	.6	1.0	1.0	.6	.6	.3	.1	.0	.5	.5	.5	.8	.5	.4
105.	.0	.0	.0	.1	.2	.3	.3	1.1	1.1	.8	.7	.5	.1	.0	.5	.5	.6	.7	.4	.3
110.	.0	.0	.0	.1	.2	.3	.3	1.1	1.1	.7	.6	.5	.1	.0	.5	.4	.7	.7	.4	.3
115.	.0	.0	.0	.1	.1	.2	.2	1.0	.9	.6	.6	.5	.2	.0	.5	.4	.6	.7	.3	.3
120.	.0	.0	.0	.1	.1	.2	.2	.8	.9	.6	.5	.5	.2	.0	.5	.4	.6	.4	.5	.3
125.	.0	.0	.0	.0	.1	.2	.1	.7	.8	.6	.5	.4	.3	.0	.5	.4	.7	.4	.4	.3
130.	.0	.0	.0	.0	.1	.1	.1	.9	.7	.6	.6	.4	.3	.0	.5	.5	.6	.4	.4	.3
135.	.0	.0	.0	.0	.1	.1	.1	.9	.7	.5	.6	.5	.3	.0	.6	.5	.6	.4	.4	.4
140.	.0	.0	.0	.0	.0	.1	.1	.8	.6	.5	.5	.5	.3	.0	.6	.4	.6	.2	.4	.4
145.	.0	.0	.0	.0	.0	.1	.1	.7	.6	.5	.4	.4	.3	.0	.6	.4	.6	.2	.4	.4
150.	.0	.0	.0	.0	.0	.1	.1	.6	.6	.5	.4	.4	.2	.0	.6	.5	.5	.2	.4	.4
155.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.4	.2	.0	.7	.5	.5	.2	.3	.3
160.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.4	.3	.2	.0	.7	.5	.5	.2	.3	.2
165.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.6	.4	.3	.2	.0	.7	.4	.3	.2	.2	.2
170.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.3	.3	.2	.0	.7	.4	.2	.2	.2	.2
175.	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.3	.3	.3	.0	.6	.2	.2	.2	.2	.2
180.	.0	.0	.0	.0	.0	.1	.1	.6	.5	.5	.3	.4	.3	.1	.5	.2	.2	.2	.2	.2
185.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.5	.3	.4	.3	.2	.4	.1	.2	.3	.2	.2
190.	.0	.0	.0	.1	.0	.1	.1	.6	.6	.5	.3	.4	.3	.2	.3	.1	.2	.3	.2	.2
195.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.5	.3	.3	.2	.3	.2	.0	.3	.3	.2	.2
200.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.5	.4	.3	.3	.3	.1	.0	.3	.3	.2	.2
205.	.0	.0	.0	.2	.0	.1	.1	.5	.5	.5	.4	.3	.3	.3	.1	.0	.3	.3	.2	.2

1

JOB: S6 B230 PM MD 117 & PERRY PKWY

RUN: S6 B230 PM MD 117 & PERRY PKWY

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.1	.1	.1	.5	.6	.5	.3	.3	.2	.3	.0	.0	.3	.3	.4	.2
215.	.0	.0	.0	.3	.1	.1	.1	.6	.6	.5	.3	.2	.2	.3	.0	.0	.2	.3	.3	.2
220.	.0	.0	.0	.3	.1	.1	.1	.8	.7	.4	.3	.3	.4	.3	.0	.0	.2	.4	.3	.1
225.	.0	.0	.0	.3	.1	.1	.1	.8	.7	.4	.4	.5	.4	.3	.0	.0	.2	.3	.3	.3
230.	.0	.0	.0	.2	.1	.1	.1	.8	.8	.4	.3	.5	.4	.3	.0	.0	.2	.3	.3	.3
235.	.0	.0	.0	.2	.2	.1	.1	.7	.8	.4	.5	.5	.4	.3	.0	.0	.1	.3	.3	.3
240.	.0	.0	.0	.2	.2	.1	.1	.8	.8	.5	.5	.4	.3	.3	.0	.0	.1	.3	.3	.3
245.	.0	.0	.0	.3	.2	.2	.1	.8	.8	.5	.6	.4	.3	.3	.0	.0	.1	.3	.3	.3
250.	.0	.0	.0	.2	.3	.3	.3	.9	.8	.4	.5	.5	.3	.3	.0	.0	.1	.3	.3	.2
255.	.0	.0	.0	.3	.3	.3	.3	1.0	.8	.4	.5	.4	.3	.3	.0	.0	.1	.2	.2	.3
260.	.0	.0	.0	.3	.4	.4	.3	1.0	.6	.5	.4	.5	.3	.3	.0	.0	.1	.2	.2	.3
265.	.0	.0	.0	.3	.4	.4	.4	1.1	.5	.3	.4	.4	.3	.3	.0	.0	.0	.2	.2	.3
270.	.0	.0	.0	.6	.4	.5	.4	1.1	.4	.3	.3	.3	.3	.3	.0	.0	.0	.2	.2	.2
275.	.0	.0	.0	.6	.5	.6	.6	.7	.4	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.8	.5	.5	.7	.6	.4	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.7	.5	.5	.7	.5	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.5	.5	.6	.6	.3	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.0	.0	.2	.5	.5	.7	.7	.3	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.4	.6	.8	.7	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.4	.5	.8	.8	.3	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	.0	.0	.3	.4	.5	.8	.8	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	.0	.0	.4	.3	.6	.8	.8	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.4	.4	.6	.6	.6	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
325.	.0	.1	.3	.6	.5	.6	.5	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
330.	.0	.1	.2	.5	.5	.6	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
335.	.0	.2	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0
340.	.0	.1	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
345.	.0	.2	.3	.6	.6	.6	.5	.0	.1	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0
350.	.1	.2	.5	.6	.6	.5	.5	.0	.0	.1	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0
355.	.1	.3	.4	.7	.6	.4	.5	.0	.0	.1	.1	.3	.3	.3	.2	.3	.2	.1	.1	.0
360.	.1	.3	.3	.6	.6	.4	.4	.1	.0	.0	.1	.2	.2	.2	.4	.2	.2	.1	.0	.0
MAX DEGR.	.1	.3	.5	.8	.8	.9	.8	1.1	1.1	.8	.7	.5	.4	.3	.7	.5	.7	.8	.5	.4

1

JOB: S6 B230 PM MD 117 & PERRY PKWY

RUN: S6 B230 PM MD 117 & PERRY PKWY

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
0.	.0	.3	.4	.4	.5	.4	.1
5.	.0	.3	.4	.6	.4	.4	.2
10.	.0	.3	.4	.6	.5	.5	.2
15.	.0	.3	.5	.6	.5	.5	.3
20.	.0	.3	.5	.7	.5	.5	.4
25.	.0	.3	.5	.8	.5	.4	.3
30.	.0	.3	.5	.7	.4	.5	.3
35.	.0	.3	.5	.7	.3	.5	.3
40.	.0	.4	.5	.7	.3	.5	.3
45.	.2	.5	.5	.6	.3	.6	.3
50.	.1	.5	.5	.6	.3	.6	.2
55.	.2	.4	.6	.7	.5	.5	.1
60.	.2	.4	.7	.5	.4	.5	.2
65.	.2	.4	.6	.6	.4	.6	.2
70.	.1	.4	.7	.6	.4	.5	.2
75.	.2	.5	.7	.6	.7	.3	.1
80.	.2	.5	.6	.5	.6	.3	.1
85.	.5	.4	.5	.4	.4	.2	.1
90.	.5	.4	.5	.3	.4	.1	.0
95.	.7	.3	.2	.4	.4	.0	.0
100.	.6	.2	.1	.1	.2	.0	.0
105.	.5	.1	.1	.1	.2	.0	.0
110.	.5	.1	.0	.1	.2	.0	.0
115.	.5	.1	.0	.0	.2	.0	.0
120.	.5	.0	.0	.0	.2	.0	.0
125.	.4	.0	.0	.0	.2	.0	.0
130.	.4	.0	.0	.0	.1	.0	.0
135.	.4	.0	.0	.0	.1	.0	.0
140.	.4	.0	.0	.0	.1	.0	.0
145.	.4	.0	.0	.0	.1	.0	.0
150.	.4	.0	.0	.0	.1	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0

1

JOB: S6 B230 PM MD 117 & PERRY PKWY

RUN: S6 B230 PM MD 117 & PERRY PKWY

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27
210.	.4	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0
230.	.4	.0	.0	.0	.0	.0	.0
235.	.4	.0	.0	.0	.0	.0	.0
240.	.5	.0	.0	.0	.0	.0	.0
245.	.5	.1	.0	.0	.0	.0	.0
250.	.5	.1	.0	.0	.0	.0	.0
255.	.5	.1	.1	.0	.0	.0	.0
260.	.6	.2	.2	.1	.0	.0	.0
265.	.6	.2	.2	.2	.1	.0	.0
270.	.5	.3	.2	.2	.2	.0	.0
275.	.5	.4	.3	.4	.3	.1	.0
280.	.3	.5	.5	.4	.4	.1	.0
285.	.2	.5	.4	.4	.4	.1	.1
290.	.1	.4	.5	.4	.4	.2	.1
295.	.1	.4	.5	.4	.4	.1	.1
300.	.1	.4	.5	.4	.5	.1	.0
305.	.1	.4	.4	.4	.5	.1	.0
310.	.1	.3	.4	.4	.5	.2	.1
315.	.1	.3	.3	.4	.5	.2	.1
320.	.0	.3	.4	.4	.5	.2	.1
325.	.0	.3	.4	.4	.5	.3	.1
330.	.0	.3	.4	.4	.5	.3	.1
335.	.0	.3	.4	.4	.4	.3	.1
340.	.0	.3	.4	.4	.4	.2	.1
345.	.0	.3	.4	.4	.3	.3	.1
350.	.0	.3	.4	.4	.3	.2	.2
355.	.0	.3	.4	.4	.4	.3	.2
360.	.0	.3	.4	.4	.5	.4	.1

MAX DEGR.	95	45	60	25	75	45	20
	.7	.5	.7	.8	.7	.6	.4

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 80 DEGREES FROM REC6 .

1

JOB: S6 B230 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:45:48.41

RUN: S6 B230 PM MD 117 & PERRY PKWY

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC4 70	REC5 85	REC6 80	REC7 70	REC8 105	REC9 105	REC10 105	REC11 105	REC12 105	REC13 220	REC14 195	REC15 15	REC16 95	REC17 110	REC18 100	REC19 100	REC20 90
		REC1 0	REC2 0	REC3 350																	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.3	.3	.2	.1	.1
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.1	.2	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
28	*	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
29	*	.0	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.1	.2	.1	.1
30	*	.0	.0	.0	.2	.2	.2	.5	.4	.3	.3	.2	.0	.0	.0	.1	.1	.2	.1	.1	.1
31	*	.0	.0	.0	.1	.1	.1	.0	.0	.4	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1

1

JOB: S6 B230 PM MD 117 & PERRY PKWY
DATE: 12/22/2006 TIME: 21:45:48.41

RUN: S6 B230 PM MD 117 & PERRY PKWY

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC24 25	REC25 75	REC26 45	REC27 20
		REC21 95	REC22 45	REC23 60				
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.1	.3	.1
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.2	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.1	.2	.0	.0	.0
22	*	.1	.0	.3	.2	.0	.0	.0
23	*	.0	.0	.1	.1	.0	.0	.0
24	*	.1	.2	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.0	.0
28	*	.0	.0	.0	.0	.2	.1	.1
29	*	.0	.0	.0	.0	.1	.1	.1
30	*	.1	.0	.0	.0	.1	.1	.0
31	*	.0	.0	.0	.0	.1	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.1	.0	.0	.0	.0	.0
36	*	.1	.1	.0	.0	.0	.0	.0
37	*	.1	.0	.1	.1	.0	.0	.0

Site 7
MD 355 & Montgomery Village

S7EXAM.DAT									
S7 EX AM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1						
REC 1 400' SE Corne	252611.	540877.	5.						
REC 2 164' SE Corner	252447.	541059.	5.						
REC 3 82' SE Corner	252389.	541125.	5.						
REC 4 SE Corner	252352.	541210.	5.						
REC 5 82' ES Corner	252381.	541289.	5.						
REC 6 164' ES Corner	252440.	541354.	5.						
REC 7 400' ES Corner	252614.	541514.	5.						
REC 8 400' EN Corner	252529.	541615.	5.						
REC 9 164' EN Corner	252336.	541468.	5.						
REC 10 82' EN Corner	252268.	541404.	5.						
REC 11 NE Corner	252188.	541383.	5.						
REC 12 82' EN Corne	252094.	541407.	5.						
REC 13 164' EN Corne	252029.	541465.	5.						
14 400' EN Corner	251875.	541630.	5.						
15 400' NW Corner	251801.	541535.	5.						
REC 16 164' NW Corne	251962.	541364.	5.						
REC 17 82' NW Corner	252010.	541303.	5.						
REC 18 NW Corner	252037.	541231.	5.						
REC 19 82' WN Corner	252012.	541165.	5.						
REC 20 164' WN Corne	251951.	541107.	5.						
REC 21 400' WN Corne	251785.	540934.	5.						
REC 22 400' WS Corne	251882.	540819.	5.						
REC 23 164' WS Corne	252050.	540989.	5.						
REC 24 82' WS Corner	252107.	541046.	5.						
REC 25 SW Corner	252199.	541083.	5.						
REC 26 82' SW Corner	252278.	541046.	5.						
REC 27 64' SW Corner	252337.	540986.	5.						
REC 28 400' SW Corne	252494.	540799.	5.						
S7 EX AM 355 & Montgomery Village	42	1	1						
1									
1	NB 355 ALL	AG252908.540515.252647.540790.	700 2.7 0.56.0	30.					
2	1	NB355 Lt AG252637.540781.252584.540811.	270 2.7 0.44.0	30.					
3	1	NB355 Rt AG252655.540797.252357.541114.	130 2.7 0.32.0	30.					
0	1	NB355 Rt AG252357.541114.252330.541193.	130 2.7 0.32.0	30.					
5	2	NB 355 RQ AG252332.541187.252357.541115.	0.12.0	1					
145	130	4.0 130 29.1 1750 2 3							
6	1	NB355 Rt AG252330.541193.252343.541322.	130 2.7 0.32.0	30.					
7	1	NB355 ThruAG252647.540790.252212.541230.	300 2.7 0.44.0	30.					
7	2	NB355 THRUAG252259.541181.252473.540966.	0. 24. 2						
145	117	4.0 300 29.1 1770 2 3							
9	1	NB355 DEP AG252212.541230.252048.541400.	1130 2.7 0. 50. 30.						
10	1	NB355 DEP AG252048.541400.251521.541953.	1130 2.7 0. 50. 30.						
11	1	NB355 Lt AG252584.540811.252204.541220.	270 2.7 0.40.0	30.					
0	2	NB 355 LQ AG252250.541170.252372.541039.	0. 24. 2						
145	125	4.0 270 29.1 1717 2 3							
14	1	SB355 ThruAG251970.541410.252169.541199.	755 2.7 0.50.0	30.					
14	2	SB355 TQ AG252129.541241.252027.541350.	0. 36. 3						
145	110	4.0 755 29.1 1800 2 3							
16	1	SB355 Lt AG252011.541380.252185.541208.	60 2.7 0. 30. 30.						
17	2	SB 355 LQ AG252138.541254.252037.541354.	0. 12. 1						
145	118	3.0 60 29.1 1770 3 3							
18	1	SB 355Rt AG251988.541359.252064.541276.	470 2.7 0. 30. 30.						
19	1	SB355 Rt AG252064.541276.252072.541195.	470 2.7 0. 30. 30.						
20	2	SB355 RQ AG252071.541213.252065.541272.	0. 12. 1						
145	110	3.0 470 29.1 1583 3 3							
0	1	SB355 ALL AG251967.541411.251749.541631.	1285 2.7 0. 56. 30.						
0	1	SB355 ALL AG251749.541631.251489.541924.	1285 2.7 0. 56. 30.						
22	1	SB355 DEP AG252169.541199.252867.540476.	1340 2.7 0.50.0	30.					
26	1	WB124 R AG252375.541467.252266.541367.	145 2.7 0. 30. 30.						
27	1	WB124 R AG252266.541367.252098.541347.	145 2.7 0. 30. 30.						
27	2	WB124 R AG252152.541353.252260.541366.	0. 10. 1						
145	76	4.0 145 29.1 1750 2 3							
0	1	WB124 T AG252173.541258.252575.541627.	2110 2.7 0. 68. 30.						
0	2	WB124 T AG252243.541322.252382.541450.	0. 48. 4						
145	76	4.0 2110 29.1 1695 2 3							
0	1	WB124 T AG252577.541628.252910.541920.	2110 2.7 0. 68. 30.						
0	1	WB124 DP AG251503.540503.251834.540947.	2850 2.7 0. 56. 30.						
0	1	WB124 DP AG251834.540947.252171.541256.	2850 2.7 0. 56. 30.						
29	1	EB124 ALL AG251547.540460.251656.540605.	2585 2.7 0. 44. 30.						
30	1	EB124 ALL AG251656.540605.251927.540930.	2585 2.7 0.30.0	30.					
31	1	EB124 THRUAG251927.540930.252210.541203.	1315 2.7 0.50.0	30.					
31	2	EB124 T AG252151.541146.252050.541048.	0. 30. 3						

S7EXAM.DAT

JOB: S7 EX AM 355 Montgomery Village
DATE: 12/14/2006 TIME: 10:53:28.50

RUN: S7 EX AM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	700.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	270.	2.7	.0	44.0	
3. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	130.	2.7	.0	32.0	
4. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	130.	2.7	.0	32.0	
5. 5	NB 355 RQ	* 252332.0	541187.0	252448.1	540852.7	*	354.	161. AG	70.	100.0	.0	12.0	1.20 18.0
6. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	130.	2.7	.0	32.0	
7. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	300.	2.7	.0	44.0	
8. 7	NB355 Thru	* 252259.0	541181.0	252326.7	541113.0	*	96.	135. AG	126.	100.0	.0	24.0	.56 4.9
9. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1130.	2.7	.0	50.0	
10. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1130.	2.7	.0	50.0	
11. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	270.	2.7	.0	40.0	
12. 0	NB 355 LQ	* 252250.0	541170.0	252317.0	541098.1	*	98.	137. AG	135.	100.0	.0	24.0	.82 5.0
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	755.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252025.8	541351.2	*	151.	317. AG	178.	100.0	.0	36.0	.70 7.7
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	60.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252110.5	541281.2	*	39.	315. AG	64.	100.0	.0	12.0	.22 2.0
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	470.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	470.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	251887.3	543020.0	*	1816.	354. AG	59.	100.0	.0	12.0	1.44 92.3
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1285.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1285.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1340.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	145.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	145.	2.7	.0	30.0	
25. 27	WB124 R	* 252152.0	541353.0	252211.8	541360.2	*	60.	83. AG	41.	100.0	.0	10.0	.19 3.1
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	2110.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252404.1	541470.4	*	219.	47. AG	164.	100.0	.0	48.0	.72 11.1
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	2110.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2850.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2850.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2585.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2585.	2.7	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	1315.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252077.1	541074.3	*	103.	226. AG	69.	100.0	.0	30.0	.39 5.2
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	685.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	251982.9	541011.6	*	219.	227. AG	116.	100.0	.0	20.0	.90 11.1
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	585.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	585.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	585.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	252091.5	541090.8	*	138.	268. AG	23.	100.0	.0	10.0	.50 7.0
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1505.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1505.	2.7	.0	60.0	

JOB: S7 EX AM 355 Montgomery Village
DATE: 12/14/2006 TIME: 10:53:28.50

RUN: S7 EX AM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	NB 355 RQ	* 145	130	4.0	130	1750	29.10	2	3
8. 7	NB355 THRU	* 145	117	4.0	300	1770	29.10	2	3
12. 0	NB 355 LQ	* 145	125	4.0	270	1717	29.10	2	3
14. 14	SB355 TQ	* 145	110	4.0	755	1800	29.10	2	3
16. 17	SB 355 LQ	* 145	118	3.0	60	1770	29.10	3	3
19. 20	SB355 RQ	* 145	110	3.0	470	1583	29.10	3	3
25. 27	WB124 R	* 145	76	4.0	145	1750	29.10	2	3
27. 0	WB124 T	* 145	76	4.0	2110	1695	29.10	2	3
34. 31	EB124 T	* 145	43	3.0	1315	1695	29.10	2	3
36. 34	EB124 L	* 145	108	3.0	685	1717	29.10	2	3
40. 27	EB124 R	* 145	43	3.0	585	1750	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21.	REC 21	400'	WN Corne *	251785.0	540934.0	5.0	*	STEXAM.OUT
22.	REC 22	400'	WS Corne *	251882.0	540819.0	5.0	*	
23.	REC 23	164'	WS Corne *	252050.0	540989.0	5.0	*	
24.	REC 24	82'	WS Corner *	252107.0	541046.0	5.0	*	
25.	REC 25	SW Corner *	252199.0	541083.0	5.0	*		
26.	REC 26	82'	SW Corner *	252278.0	541046.0	5.0	*	
27.	REC 27	64'	SW Corner *	252337.0	540986.0	5.0	*	
28.	REC 28	400'	SW Corne *	252494.0	540799.0	5.0	*	

1

JOB: S7 EX AM 355 Montgomery Village

RUN: S7 EX AM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.3	.4	.2	.2	.0	.0	.0	.0	.1	.2	.0	.2	.3	.3	.4	.2	.1
5.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.2	.0	.2	.3	.3	.4	.2	.1
10.	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.5	.2	.1
15.	.0	.0	.0	.3	.3	.2	.2	.1	.0	.0	.0	.0	.2	.1	.2	.2	.4	.5	.3	.2
20.	.0	.0	.0	.3	.2	.3	.3	.1	.0	.0	.0	.0	.2	.1	.2	.1	.4	.4	.3	.2
25.	.0	.0	.0	.2	.2	.3	.3	.1	.0	.0	.0	.0	.2	.1	.2	.1	.4	.4	.3	.2
30.	.0	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.2	.1	.2	.1	.4	.4	.3	.2
35.	.0	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.2	.0	.2	.2	.4	.4	.3	.1
40.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.2	.0	.2	.2	.6	.4	.4	.2
45.	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.0	.0	.2	.0	.1	.2	.6	.6	.5	.4
50.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.0	.0	.2	.0	.1	.2	.6	.6	.4	.5
55.	.0	.0	.0	.0	.0	.1	.1	.3	.3	.4	.2	.0	.2	.0	.2	.2	.6	.6	.5	.5
60.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.2	.0	.2	.0	.2	.2	.7	.6	.5	.5
65.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.4	.0	.2	.0	.2	.2	.8	.6	.5	.3
70.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.4	.2	.2	.0	.2	.3	.8	.6	.2	.4
75.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.7	.4	.2	.2	.0	.2	.3	.8	.6	.3	.4
80.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.8	.5	.2	.2	.0	.2	.5	.8	.5	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.8	.5	.2	.3	.0	.2	.5	.8	.3	.3	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.8	.4	.3	.3	.0	.2	.5	.8	.3	.3	.5
95.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.8	.4	.3	.3	.0	.2	.7	.7	.3	.3	.5
100.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.4	.3	.3	.0	.2	.6	.6	.3	.3	.3
105.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.3	.0	.3	.6	.6	.2	.4	.3
110.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.3	.0	.1	.5	.7	.4	.5	.3
115.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.4	.2	.3	.1	.1	.5	.6	.4	.5	.3
120.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.3	.2	.3	.1	.2	.5	.5	.3	.4	.3
125.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.3	.2	.3	.0	.2	.5	.5	.3	.4	.3
130.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.6	.3	.1	.2	.0	.2	.6	.4	.3	.4	.3
135.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.6	.3	.1	.3	.1	.2	.3	.4	.3	.4	.3
140.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.6	.3	.2	.3	.2	.2	.2	.2	.3	.3	.3
145.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.6	.3	.2	.4	.2	.1	.2	.3	.3	.3	.3
150.	.0	.1	.1	.0	.0	.0	.0	.3	.6	.5	.3	.2	.5	.2	.0	.2	.2	.3	.3	.3
155.	.1	.1	.1	.1	.0	.0	.0	.3	.6	.6	.3	.2	.6	.2	.0	.2	.2	.3	.3	.3
160.	.1	.1	.2	.2	.0	.0	.0	.3	.6	.6	.3	.3	.7	.1	.0	.2	.2	.2	.3	.3
165.	.1	.1	.2	.2	.0	.0	.0	.3	.6	.7	.2	.3	.6	.2	.0	.2	.2	.2	.3	.3
170.	.1	.1	.2	.2	.1	.0	.0	.3	.6	.7	.2	.4	.6	.2	.0	.1	.2	.3	.3	.2
175.	.1	.1	.2	.2	.1	.0	.0	.3	.6	.7	.2	.5	.5	.2	.0	.1	.2	.3	.3	.2
180.	.1	.2	.3	.2	.1	.0	.0	.3	.6	.7	.2	.5	.5	.2	.0	.1	.2	.3	.4	.2
185.	.1	.2	.3	.2	.1	.0	.0	.3	.7	.7	.3	.7	.4	.2	.0	.1	.1	.3	.3	.2
190.	.1	.2	.3	.4	.1	.0	.0	.3	.7	.6	.4	.7	.3	.2	.0	.1	.1	.3	.4	.4
195.	.1	.2	.3	.4	.1	.0	.0	.4	.7	.5	.4	.6	.3	.2	.0	.0	.1	.3	.4	.4
200.	.1	.2	.2	.3	.3	.0	.0	.4	.6	.5	.4	.6	.1	.2	.0	.0	.1	.2	.4	.4
205.	.1	.2	.2	.3	.2	.0	.0	.5	.6	.5	.4	.5	.1	.2	.0	.0	.2	.4	.5	

1

JOB: S7 EX AM 355 Montgomery Village

RUN: S7 EX AM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.2	.2	.3	.2	.0	.0	.5	.7	.6	.4	.5	.1	.2	.0	.0	.1	.2	.5	.5
215.	.1	.2	.2	.3	.2	.0	.0	.4	.6	.4	.4	.4	.1	.2	.0	.0	.1	.2	.4	.4
220.	.1	.2	.2	.4	.2	.0	.0	.5	.5	.4	.4	.4	.1	.2	.0	.0	.0	.2	.3	.3
225.	.1	.2	.2	.4	.2	.0	.1	.5	.4	.3	.4	.4	.1	.2	.0	.0	.0	.1	.3	.2
230.	.1	.2	.2	.2	.0	.0	.1	.4	.4	.3	.2	.3	.1	.2	.0	.0	.0	.0	.2	.2
235.	.1	.2	.2	.2	.3	.3	.2	.3	.3	.2	.2	.3	.1	.2	.0	.0	.0	.0	.1	.1
240.	.1	.2	.3	.3	.3	.3	.4	.3	.1	.1	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0
245.	.1	.2	.3	.5	.3	.3	.4	.1	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
250.	.1	.2	.4	.5	.2	.6	.4	.1	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
255.	.1	.2	.5	.4	.2	.4	.4	.1	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
260.	.1	.2	.6	.3	.3	.4	.3	.1	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
265.	.1	.2	.7	.1	.3	.5	.3	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
270.	.1	.2	.8	.1	.3	.5	.2	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0
275.	.1	.2	.7	.3	.4	.4	.2	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	.1	.4	.6	.3	.4	.4	.2	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	.1	.4	.5	.2	.4	.4	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	.1	.3	.6	.2	.3	.4	.2	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0
295.	.2	.3	.4	.3	.4	.4	.2	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0
300.	.2	.4	.4	.3	.4	.4	.2	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0
305.	.0	.4	.3	.2	.4	.4	.2	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.0	.3	.2	.3	.4	.4	.2	.0	.0	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0
315.	.0	.1	.1	.3	.4	.4	.2	.0	.0	.0	.1	.2	.1	.1	.2	.1	.0	.0	.0	.0
320.	.0	.0	.2	.3	.4	.4	.2	.0	.0	.0	.1	.2	.1	.1	.2	.1	.1	.0	.0	.0
325.	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.1	.1	.1	.0	.2	.1	.1	.0	.0	.0
330.	.0	.1	.1	.3	.4	.4	.2	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0
335.	.0	.1	.1	.4	.4	.4	.2	.0	.0	.0	.1	.1	.0	.0	.3	.2	.2	.0	.0	.0
340.	.0	.1	.1	.4	.4	.3	.1	.0	.0	.0	.1	.1	.1	.0	.2	.2	.1	.1	.0	.0
345.	.0	.1	.1	.4	.4	.3	.1	.0	.0	.0	.1	.1	.1	.0	.2	.2	.1	.2	.0	.0
350.	.0	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.1	.2	.0	.2	.2	.3	.2	.1	.0
355.	.0	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.1	.2	.0	.2	.3	.4	.3	.2	.0

360.	*	.0	.0	.2	.3	.4	.2	.2	.0	.0	STEXAM.OUT										.0	.0	.1	.2	.0	.2	.3	.3	.4	.2	.1
MAX	*	.2	.4	.8	.5	.4	.6	.4	.5	.7	.8	.5	.7	.7	.2	.3	.7	.8	.6	.5	.5										
DEGR.	*	295	280	270	245	0	250	240	205	105	80	80	185	160	140	105	95	65	45	45	50										

1

JOB: S7 EX AM 355 Montgomery Village

RUN: S7 EX AM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.7	.9	.4	.6	.5	.1
5.	*	.0	.3	.7	.8	.5	.6	.3	.1
10.	*	.0	.3	.6	.7	.5	.7	.3	.1
15.	*	.0	.3	.7	.5	.6	.6	.2	.1
20.	*	.0	.2	.7	.7	.6	.5	.2	.1
25.	*	.0	.4	.6	.6	.7	.4	.2	.1
30.	*	.1	.4	.6	.4	.7	.4	.2	.1
35.	*	.2	.4	.6	.4	.6	.4	.2	.1
40.	*	.3	.2	.4	.3	.5	.4	.2	.1
45.	*	.3	.0	.1	.0	.5	.3	.2	.1
50.	*	.5	.0	.1	.1	.5	.2	.2	.1
55.	*	.5	.0	.1	.2	.5	.2	.2	.1
60.	*	.5	.0	.0	.2	.5	.2	.2	.1
65.	*	.4	.0	.0	.2	.5	.2	.2	.1
70.	*	.6	.0	.0	.2	.4	.2	.2	.1
75.	*	.4	.0	.0	.1	.4	.2	.2	.1
80.	*	.3	.0	.0	.0	.4	.2	.2	.1
85.	*	.3	.0	.0	.0	.3	.2	.2	.1
90.	*	.3	.0	.0	.0	.3	.2	.2	.1
95.	*	.4	.0	.0	.0	.2	.2	.2	.1
100.	*	.3	.0	.0	.0	.1	.2	.2	.1
105.	*	.3	.0	.0	.0	.1	.3	.3	.1
110.	*	.3	.0	.0	.0	.1	.3	.3	.1
115.	*	.3	.0	.0	.0	.1	.3	.3	.1
120.	*	.3	.0	.0	.0	.1	.3	.3	.1
125.	*	.3	.0	.0	.0	.1	.3	.3	.1
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.3	.3	.1
140.	*	.3	.0	.0	.0	.0	.1	.2	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.5	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 EX AM 355 Montgomery Village

RUN: S7 EX AM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.2	.2	.3	.2	.0	.0	.0	.0
230.	*	.1	.3	.3	.4	.0	.0	.0	.0
235.	*	.1	.3	.3	.4	.1	.0	.0	.0
240.	*	.0	.3	.4	.4	.1	.0	.0	.0
245.	*	.0	.3	.4	.5	.2	.0	.0	.0
250.	*	.0	.3	.4	.4	.3	.0	.0	.0
255.	*	.0	.3	.4	.4	.3	.0	.0	.0
260.	*	.0	.3	.3	.4	.3	.0	.0	.0
265.	*	.0	.3	.3	.5	.5	.2	.0	.0
270.	*	.0	.3	.3	.5	.6	.2	.0	.0
275.	*	.0	.3	.3	.5	.6	.2	.0	.0
280.	*	.0	.3	.4	.5	.6	.2	.0	.0
285.	*	.0	.3	.4	.5	.6	.2	.2	.0
290.	*	.0	.3	.4	.5	.6	.2	.2	.0
295.	*	.0	.3	.4	.5	.6	.2	.2	.0
300.	*	.0	.3	.4	.5	.6	.2	.2	.0
305.	*	.0	.3	.4	.5	.6	.2	.2	.0
310.	*	.0	.3	.5	.6	.6	.3	.1	.1
315.	*	.0	.3	.5	.6	.7	.3	.2	.2
320.	*	.0	.3	.5	.6	.7	.3	.2	.2
325.	*	.0	.3	.5	.6	.6	.2	.4	.2
330.	*	.0	.3	.5	.6	.6	.3	.4	.2
335.	*	.0	.3	.5	.6	.6	.5	.4	.2
340.	*	.0	.3	.5	.8	.6	.3	.4	.2
345.	*	.0	.3	.5	.9	.6	.4	.5	.2
350.	*	.0	.3	.6	.9	.6	.4	.5	.2
355.	*	.0	.3	.7	.9	.4	.6	.4	.1
360.	*	.0	.3	.7	.9	.4	.6	.5	.1

S7EXAM.OUT

```

-----*-----
MAX  *   .6   .4   .7   .9   .7   .7   .5
DEGR *  70  25   0   0  25  10   0  315

```

THE HIGHEST CONCENTRATION IS .90 PPM AT 0 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 270 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 65 DEGREES FROM REC17.

1

JOB: S7 EX AM 355 Montgomery Village
 DATE: 12/14/2006 TIME: 10:53:28.50

RUN: S7 EX AM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 295	REC2 280	REC3 270	REC4 245	REC5 0	REC6 250	REC7 240	REC8 205	REC9 105	REC10 80	REC11 80	REC12 185	REC13 160	REC14 140	REC15 105	REC16 95	REC17 65	REC18 45	REC19 45	REC20 50
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
14	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	.2	.1	.0	.2	.4	.3	.2	.1	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	
27	*	.0	.0	.0	.0	.2	.1	.1	.1	.4	.5	.3	.0	.0	.0	.1	.1	.1	.1	.1	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S7 EX AM 355 Montgomery Village
 DATE: 12/14/2006 TIME: 10:53:28.50

RUN: S7 EX AM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 70	REC22 25	REC23 0	REC24 0	REC25 25	REC26 10	REC27 0	REC28 315
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.2	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.2	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.1	.1	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.1	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.1	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.1	.1	.0	.0
27	*	.0	.0	.0	.0	.1	.1	.1	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.2	.0	.0	.0	.0	.0	.0	.0

30	*	.2	.1	.1	.1	.0	.0	.0	.0	STEXAM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.1	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.1	.1	.0	.0	.0	.0	
34	*	.0	.0	.0	.2	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.2	.2	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	

										S7EXPM.DAT	
S7 EX PM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1								
REC 1 400' SE Corne	252611.	540877.	5.								
REC 2 164' SE Corner	252447.	541059.	5.								
REC 3 82' SE Corner	252389.	541125.	5.								
REC 4 SE Corner	252352.	541210.	5.								
REC 5 82' ES Corner	252381.	541289.	5.								
REC 6 164' ES Corner	252440.	541354.	5.								
REC 7 400' ES Corner	252614.	541514.	5.								
REC 8 400' EN Corner	252529.	541615.	5.								
REC 9 164' EN Corner	252336.	541468.	5.								
REC 10 82' EN Corner	252268.	541404.	5.								
REC 11 NE Corner	252188.	541383.	5.								
REC 12 82' EN Corne	252094.	541407.	5.								
REC 13 164' EN Corne	252029.	541465.	5.								
14 400' EN Corner	251875.	541630.	5.								
15 400' NW Corner	251801.	541535.	5.								
REC 16 164' NW Corne	251962.	541364.	5.								
REC 17 82' NW Corner	252010.	541303.	5.								
REC 18 NW Corner	252037.	541231.	5.								
REC 19 82' WN Corner	252012.	541165.	5.								
REC 20 164' WN Corne	251951.	541107.	5.								
REC 21 400' WN Corne	251785.	540934.	5.								
REC 22 400' WS Corne	251882.	540819.	5.								
REC 23 164' WS Corne	252050.	540989.	5.								
REC 24 82' WS Corner	252107.	541046.	5.								
REC 25 SW Corner	252199.	541083.	5.								
REC 26 82' SW Corner	252278.	541046.	5.								
REC 27 64' SW Corner	252337.	540986.	5.								
REC 28 400' SW Corne	252494.	540799.	5.								
S7 EX PM 355 & Montgomery Village	42	1	1								
1	NB 355 ALL	AG252908.540515.252647.540790.	1680	2.7	0.56.0	30.					
1	NB355 Lt	AG252637.540781.252584.540811.	210	2.7	0.44.0	30.					
3	NB355 Rt	AG252655.540797.252357.541114.	695	2.7	0.32.0	30.					
0	NB355 Rt	AG252357.541114.252330.541193.	695	2.7	0.32.0	30.					
5	NB 355 RQ	AG252332.541187.252357.541115.	0.12.0	1							
135	54	4.0 695 29.1 1750 2 3									
6	NB355 Rt	AG252330.541193.252343.541322.	695	2.7	0.32.0	30.					
7	NB355 Thru	AG252647.540790.252212.541230.	775	2.7	0.44.0	30.					
7	NB355 THRU	AG252259.541181.252473.540966.	0.24.	2							
135	86	4.0 775 29.1 1770 2 3									
9	NB355 DEP	AG252212.541230.252048.541400.	1710	2.7	0.50.	30.					
10	NB355 DEP	AG252048.541400.251521.541953.	1710	2.7	0.50.	30.					
11	NB355 Lt	AG252584.540811.252204.541220.	210	2.7	0.40.0	30.					
0	NB 355 LQ	AG252250.541170.252372.541039.	0.24.	2							
135	101	4.0 210 29.1 1717 2 3									
14	SB355 Thru	AG251970.541410.252169.541199.	515	2.7	0.50.0	30.					
14	SB355 TQ	AG252129.541241.252027.541350.	0.36.	3							
135	87	4.0 515 29.1 1695 2 3									
16	SB355 Lt	AG252011.541380.252185.541208.	185	2.7	0.30.	30.					
17	SB 355 LQ	AG252138.541254.252037.541354.	0.12.	1							
135	102	4.0 185 29.1 1770 2 3									
18	SB 355Rt	AG251988.541359.252064.541276.	800	2.7	0.30.	30.					
19	SB355 Rt	AG252064.541276.252072.541195.	800	2.7	0.30.	30.					
20	SB355 RQ	AG252071.541213.252065.541272.	0.12.	1							
135	87	4.0 800 29.1 1583 3 3									
0	SB355 ALL	AG251967.541411.251749.541631.	1500	2.7	0.56.	30.					
0	SB355 ALL	AG251749.541631.251489.541924.	1500	2.7	0.56.	30.					
22	SB355 DEP	AG252169.541199.252867.540476.	1250	2.7	0.50.0	30.					
26	WB124 R	AG252375.541467.252266.541367.	80	2.7	0.30.	30.					
27	WB124 R	AG252266.541367.252098.541347.	80	2.7	0.30.	30.					
27	WB124 R	AG252152.541353.252260.541366.	0.10.	1							
145	76	4.0 1 29.1 1750 2 3									
0	WB124 T	AG252173.541258.252575.541627.	1790	2.7	0.68.	30.					
0	WB124 T	AG252243.541322.252382.541450.	0.48.	4							
145	76	4.0 4 29.1 1695 2 3									
0	WB124 T	AG252577.541628.252910.541920.	1790	2.7	0.68.	30.					
0	WB124 DP	AG251503.540503.251834.540947.	2800	2.7	0.56.	30.					
0	WB124 DP	AG251834.540947.252171.541256.	2800	2.7	0.56.	30.					
29	EB124 ALL	AG251547.540460.251656.540605.	4010	2.7	0.44.	30.					
30	EB124 ALL	AG251656.540605.251927.540930.	4010	2.7	0.30.0	30.					
31	EB124 THRU	AG251927.540930.252210.541203.	2420	2.7	0.50.0	30.					
31	EB124 T	AG252151.541146.252050.541048.	0.30.	3							

										S7EXPM.DAT			
1	135		55		4.0	2420	29.1	1695	2 3				
33		EB124	L	AG251909.	540942.	252199.	541216.			855	2.7	0. 40.	30.
34		EB124	L	AG252142.	541162.	252051.	541076.			0.20.0	2		
	135		97		3.0	855	29.1	1717	2 3				
35		EB124	R	AG251949.	540907.	252119.	541075.			735	2.7	0.30.0	30.
36		EB124	R	AG252119.	541075.	252156.	541093.			735	2.7	0. 30.	30.
37		EB124	R	AG252156.	541093.	252267.	541096.			735	2.7	0. 30.	30.
27		EB124	R	AG252229.	541095.	252164.	541093.			0. 10.	1		
	135		55		3.0	735	29.1	1583	2 3				
41		EB124	DEP	AG252210.	541203.	252343.	541322.			3300	2.7	0. 60.	30.
42		EB124	DEP	AG252343.	541322.	252953.	541871.			3300	2.7	0. 60.	30.
1.0	0.4	1000.	0.0Y	5	0	72							

JOB: S7 EX PM 355 Montgomery Village
DATE: 12/14/2006 TIME: 10:54:06.79

RUN: S7 EX PM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1680.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	210.	2.7	.0	44.0	
3. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	695.	2.7	.0	32.0	
4. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	695.	2.7	.0	32.0	
5. 5	NB 355 RQ	* 252332.0	541187.0	252399.3	540993.1	*	205.	161. AG	31. 100.0	.0	12.0	.72	10.4
6. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	695.	2.7	.0	32.0	
7. 7	NB355 Thru*	252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	775.	2.7	.0	44.0	
8. 7	NB355 Thru*	252259.0	541181.0	252387.4	541052.0	*	182.	135. AG	99. 100.0	.0	24.0	.69	9.2
9. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1710.	2.7	.0	50.0	
10. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1710.	2.7	.0	50.0	
11. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	210.	2.7	.0	40.0	
12. 0	NB 355 LQ	* 252250.0	541170.0	252289.5	541127.6	*	58.	137. AG	117. 100.0	.0	24.0	.29	2.9
13. 14	SB355 Thru*	251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	515.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252073.4	541300.4	*	81.	317. AG	151. 100.0	.0	36.0	.32	4.1
15. 16	SB355 Lt	* 252211.0	541380.0	252185.0	541208.0	*	245.	135. AG	185.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252064.7	541326.6	*	103.	315. AG	59. 100.0	.0	12.0	.52	5.2
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	800.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	800.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	251708.2	544781.8	*	3587.	354. AG	50. 100.0	.0	12.0	1.63	182.2
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1500.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1500.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1250.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	80.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	80.	2.7	.0	30.0	
25. 27	WB124 R	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	41. 100.0	.0	10.0	.00	.0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1790.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252243.3	541322.3	*	0.	48. AG	164. 100.0	.0	48.0	.00	.0
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1790.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2800.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2800.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	4010.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	4010.	2.7	.0	30.0	
33. 31	EB124 THRU*	251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	2420.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	251977.0	540977.2	*	242.	226. AG	95. 100.0	.0	30.0	.87	12.3
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	855.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	251869.9	540905.0	*	374.	227. AG	112. 100.0	.0	20.0	1.02	19.0
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	735.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	735.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	735.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	252008.1	541088.2	*	221.	268. AG	32. 100.0	.0	10.0	.84	11.2
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	3300.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	3300.	2.7	.0	60.0	

JOB: S7 EX PM 355 Montgomery Village
DATE: 12/14/2006 TIME: 10:54:06.79

RUN: S7 EX PM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 5	NB 355 RQ	* 135	54	4.0	695	1750	29.10	2	3
8. 7	NB355 THRU*	135	86	4.0	775	1770	29.10	2	3
12. 0	NB 355 LQ	* 135	101	4.0	210	1717	29.10	2	3
14. 14	SB355 TQ	* 135	87	4.0	515	1695	29.10	2	3
16. 17	SB 355 LQ	* 135	102	4.0	185	1770	29.10	2	3
19. 20	SB355 RQ	* 135	87	4.0	800	1583	29.10	3	3
25. 27	WB124 R	* 145	76	4.0	1	1750	29.10	2	3
27. 0	WB124 T	* 145	76	4.0	4	1695	29.10	2	3
34. 31	EB124 T	* 135	55	4.0	2420	1695	29.10	2	3
36. 34	EB124 L	* 135	97	3.0	855	1717	29.10	2	3
40. 27	EB124 R	* 135	55	3.0	735	1583	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * STEXPM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 EX PM 355 Montgomery Village

RUN: S7 EX PM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.1	.2	.0	.2	.3	.3	.1	.1	.1
5.	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.2	.1	.2	.3	.3	.1	.1	.1
10.	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.2	.1	.2	.3	.3	.1	.1	.1
15.	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.2	.1	.1
20.	.0	.1	.1	.3	.4	.4	.4	.1	.0	.0	.0	.0	.2	.0	.2	.2	.2	.3	.2	.1
25.	.0	.1	.1	.2	.4	.4	.5	.1	.0	.0	.0	.0	.2	.0	.2	.2	.2	.3	.2	.0
30.	.0	.1	.1	.2	.3	.4	.5	.2	.0	.0	.0	.0	.2	.0	.2	.2	.3	.3	.2	.0
35.	.0	.0	.1	.2	.3	.4	.5	.2	.0	.0	.0	.0	.2	.0	.2	.2	.3	.5	.2	.1
40.	.0	.0	.1	.1	.3	.3	.3	.2	.0	.1	.0	.0	.2	.0	.2	.2	.3	.5	.2	.2
45.	.0	.0	.0	.1	.2	.3	.3	.2	.1	.1	.0	.0	.1	.0	.2	.2	.3	.6	.3	.2
50.	.0	.0	.0	.1	.2	.2	.2	.4	.2	.2	.0	.0	.1	.0	.2	.2	.3	.8	.4	.5
55.	.0	.0	.0	.0	.1	.1	.1	.4	.2	.3	.2	.0	.1	.0	.2	.1	.3	.8	.5	.4
60.	.0	.0	.0	.0	.1	.1	.1	.4	.3	.3	.2	.0	.1	.0	.2	.1	.4	.8	.6	.4
65.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.1	.0	.2	.1	.5	.7	.5	.5
70.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.2	.0	.2	.1	.5	.9	.4	.5
75.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.2	.2	.0	.2	.1	.7	.9	.3	.6
80.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.2	.2	.0	.2	.2	.7	.7	.4	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.2	.2	.0	.2	.2	.7	.5	.3	.6
90.	.0	.0	.0	.0	.0	.0	.0	.5	.3	.3	.2	.2	.2	.0	.2	.1	.8	.5	.4	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2	.2	.2	.0	.3	.1	.7	.5	.6	.6
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.0	.3	.1	.7	.4	.6	.6
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.0	.3	.3	.7	.5	.5	.6
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.1	.0	.3	.3	.7	.5	.5	.5
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1	.0	.3	.3	.5	.6	.5	.5
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1	.0	.2	.2	.5	.4	.5	.5
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1	.0	.2	.2	.4	.4	.5	.5
130.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.3	.1	.1	.3	.4	.5	.5	.5
135.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.2	.3	.1	.1	.3	.5	.4	.5	.5
140.	.1	.1	.0	.0	.0	.0	.0	.2	.2	.3	.2	.2	.4	.1	.1	.2	.3	.4	.5	.5
145.	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.4	.2	.1	.1	.3	.4	.5	.5
150.	.2	.3	.3	.0	.0	.0	.0	.2	.2	.2	.3	.1	.5	.2	.0	.2	.4	.4	.5	.5
155.	.3	.3	.3	.0	.0	.0	.0	.2	.2	.2	.3	.2	.5	.2	.0	.3	.4	.4	.5	.5
160.	.4	.3	.3	.0	.0	.0	.0	.2	.2	.2	.3	.4	.6	.3	.0	.3	.4	.4	.5	.5
165.	.4	.3	.3	.2	.0	.0	.0	.3	.2	.3	.2	.4	.6	.3	.0	.3	.4	.4	.5	.5
170.	.3	.3	.4	.2	.0	.0	.0	.3	.2	.3	.2	.5	.5	.3	.0	.2	.4	.4	.5	.5
175.	.3	.3	.4	.2	.0	.0	.0	.3	.3	.3	.3	.6	.4	.3	.0	.2	.4	.4	.5	.4
180.	.3	.3	.4	.2	.1	.0	.0	.4	.3	.2	.3	.7	.4	.3	.0	.2	.4	.5	.5	.4
185.	.3	.3	.4	.3	.1	.0	.0	.4	.3	.3	.4	.8	.4	.3	.0	.2	.2	.5	.5	.5
190.	.3	.3	.3	.3	.1	.0	.0	.4	.3	.3	.5	.6	.2	.2	.0	.1	.2	.5	.5	.5
195.	.3	.2	.3	.3	.1	.0	.0	.4	.3	.3	.5	.5	.1	.2	.0	.1	.3	.5	.7	.5
200.	.3	.1	.4	.3	.1	.0	.0	.4	.3	.4	.6	.5	.1	.2	.0	.0	.2	.4	.6	.5
205.	.3	.1	.4	.3	.1	.1	.0	.4	.3	.4	.6	.3	.1	.2	.0	.0	.3	.4	.5	.6

1

JOB: S7 EX PM 355 Montgomery Village

RUN: S7 EX PM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.1	.4	.2	.1	.1	.0	.4	.6	.5	.5	.3	.1	.2	.0	.0	.1	.4	.6	.4
215.	.3	.1	.3	.2	.1	.0	.1	.4	.5	.5	.4	.2	.1	.2	.0	.0	.1	.3	.5	.4
220.	.3	.1	.3	.2	.1	.1	.1	.4	.3	.4	.3	.2	.1	.2	.0	.0	.0	.2	.4	.4
225.	.3	.1	.3	.2	.1	.1	.2	.3	.2	.4	.3	.2	.1	.2	.0	.0	.0	.1	.3	.2
230.	.3	.1	.3	.2	.4	.4	.2	.2	.2	.3	.2	.2	.1	.2	.0	.0	.0	.0	.2	.2
235.	.3	.1	.3	.5	.5	.5	.3	.2	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.1	.1
240.	.3	.1	.3	.5	.6	.4	.4	.2	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
245.	.3	.1	.3	.6	.5	.4	.5	.1	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
250.	.3	.1	.4	.7	.3	.4	.4	.1	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
255.	.3	.3	.6	.6	.3	.4	.4	.1	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0
260.	.3	.3	.7	.5	.3	.4	.4	.1	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0
265.	.3	.5	.8	.4	.2	.5	.4	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0
270.	.3	.5	.9	.3	.3	.4	.4	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0
275.	.3	.6	.8	.3	.3	.4	.4	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0
280.	.3	.5	.7	.4	.3	.4	.4	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.3	.4	.5	.4	.3	.3	.4	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.3	.4	.3	.4	.3	.3	.4	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.3	.4	.5	.3	.3	.3	.3	.0	.0	.1	.1	.4	.3	.3	.0	.0	.0	.0	.0	.0
300.	.3	.3	.3	.3	.4	.3	.3	.0	.0	.0	.1	.4	.3	.3	.0	.0	.0	.0	.0	.0
305.	.2	.1	.3	.3	.3	.3	.3	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0	.0	.0	.0
310.	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.1	.3	.2	.2	.1	.1	.0	.0	.0	.0
315.	.2	.2	.1	.3	.3	.3	.4	.0	.0	.0	.0	.2	.2	.1	.2	.1	.1	.0	.0	.0
320.	.0	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.0	.0	.0
325.	.0	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.2	.1	.1	.3	.2	.2	.0	.0	.0
330.	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.1	.3	.1	.0	.3	.2	.2	.1	.0	.0
335.	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.1	.1	.0	.0	.3	.2	.3	.1	.0	.0
340.	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.1	.1	.0	.0	.2	.2	.3	.1	.0	.0
345.	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2	.2	.0	.0
350.	.0	.1	.1	.4	.3	.4	.3	.0	.0	.0	.0	.1	.1	.0	.2	.2	.3	.2	.1	.0
355.	.0	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.1	.2	.0	.2	.3	.3	.1	.1	.0

360.	*	.0	.1	.1	.4	.3	.4	.4	.0	.0	.0	.0	.1	.2	.0	.2	.3	.3	.1	.1	.1
MAX	*	.4	.6	.9	.7	.6	.5	.5	.5	.6	.5	.6	.8	.6	.3	.3	.3	.8	.9	.7	.6
DEGR.	*	160	275	270	250	240	235	25	90	210	210	200	185	160	160	95	0	90	70	195	75

1

JOB: S7 EX PM 355 Montgomery Village

RUN: S7 EX PM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.5	.9	1.0	.5	.4	.2	.1
5.	*	.0	.5	.9	.9	.6	.4	.2	.1
10.	*	.0	.6	.8	.7	.6	.4	.3	.1
15.	*	.0	.6	.8	.7	.5	.5	.3	.1
20.	*	.0	.6	.8	.7	.5	.3	.3	.1
25.	*	.0	.7	.7	.7	.7	.3	.3	.1
30.	*	.1	.6	.6	.6	.7	.3	.3	.1
35.	*	.2	.5	.6	.6	.7	.3	.3	.1
40.	*	.3	.4	.5	.4	.7	.3	.2	.1
45.	*	.3	.3	.4	.4	.6	.2	.1	.1
50.	*	.4	.1	.3	.2	.6	.2	.1	.1
55.	*	.7	.0	.1	.1	.5	.2	.1	.1
60.	*	.7	.0	.0	.1	.5	.2	.1	.1
65.	*	.6	.0	.0	.1	.5	.2	.1	.1
70.	*	.8	.0	.0	.1	.4	.2	.1	.1
75.	*	.8	.0	.0	.1	.4	.2	.1	.1
80.	*	.7	.0	.0	.1	.3	.2	.1	.1
85.	*	.6	.0	.0	.0	.3	.2	.1	.1
90.	*	.6	.0	.0	.0	.3	.2	.1	.1
95.	*	.5	.0	.0	.0	.3	.1	.1	.1
100.	*	.4	.0	.0	.0	.3	.1	.1	.1
105.	*	.4	.0	.0	.0	.1	.1	.1	.2
110.	*	.4	.0	.0	.0	.1	.2	.2	.2
115.	*	.4	.0	.0	.0	.1	.2	.2	.2
120.	*	.3	.0	.0	.0	.1	.2	.2	.2
125.	*	.3	.0	.0	.0	.1	.2	.2	.1
130.	*	.3	.0	.0	.0	.1	.2	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 EX PM 355 Montgomery Village

RUN: S7 EX PM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.1	.0	.1	.0	.0	.0	.0
215.	*	.3	.1	.2	.2	.0	.0	.0	.0
220.	*	.2	.2	.2	.2	.0	.0	.0	.0
225.	*	.2	.4	.3	.3	.1	.0	.0	.0
230.	*	.1	.4	.5	.6	.1	.0	.0	.0
235.	*	.1	.4	.6	.6	.4	.1	.0	.0
240.	*	.0	.4	.5	.7	.5	.1	.0	.0
245.	*	.0	.4	.5	1.0	.4	.1	.1	.0
250.	*	.0	.4	.7	.8	.4	.2	.1	.0
255.	*	.0	.4	.9	.8	.4	.2	.1	.0
260.	*	.0	.4	.7	.8	.6	.3	.0	.0
265.	*	.0	.4	.8	.8	.7	.4	.0	.0
270.	*	.0	.4	.8	.8	.7	.4	.1	.0
275.	*	.0	.4	.8	.8	.6	.4	.1	.0
280.	*	.0	.4	.8	.8	.6	.4	.2	.0
285.	*	.0	.4	.8	.8	.6	.4	.4	.0
290.	*	.0	.4	.8	.8	.6	.4	.4	.0
295.	*	.0	.4	.8	.8	.6	.4	.4	.0
300.	*	.0	.4	.8	.8	.6	.4	.2	.0
305.	*	.0	.4	.8	.8	.6	.3	.1	.0
310.	*	.0	.4	.8	.8	.6	.3	.1	.0
315.	*	.0	.4	.8	.8	.6	.3	.1	.1
320.	*	.0	.4	.8	.8	.7	.3	.1	.1
325.	*	.0	.4	.8	.8	.7	.2	.2	.1
330.	*	.0	.4	.8	.8	.6	.1	.2	.1
335.	*	.0	.4	.8	.8	.6	.1	.3	.1
340.	*	.0	.4	.8	.9	.7	.3	.4	.1
345.	*	.0	.5	.8	.9	.7	.4	.3	.1
350.	*	.0	.5	.9	1.0	.6	.4	.3	.1
355.	*	.0	.5	.9	1.0	.4	.4	.3	.1
360.	*	.0	.5	.9	1.0	.5	.4	.2	.1

S7EXPM.OUT

```

-----*-----
MAX  * .8 .7 .9 1.0 .7 .5 .4 .2
DEGR. * 70 25 0 0 25 15 285 105

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 0 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 270 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 70 DEGREES FROM REC18.

1

JOB: S7 EX PM 355 Montgomery Village
 DATE: 12/14/2006 TIME: 10:54:06.79

RUN: S7 EX PM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 160	REC2 275	REC3 270	REC4 250	REC5 240	REC6 235	REC7 25	REC8 90	REC9 210	REC10 210	REC11 200	REC12 185	REC13 160	REC14 160	REC15 95	REC16 0	REC17 90	REC18 70	REC19 195	REC20 75
1	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.3	.3
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
34	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
42	*	.0	.0	.0	.0	.0	.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1

JOB: S7 EX PM 355 Montgomery Village
 DATE: 12/14/2006 TIME: 10:54:06.79

RUN: S7 EX PM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 70	REC22 25	REC23 0	REC24 0	REC25 25	REC26 15	REC27 285	REC28 105
1	*	.0	.0	.0	.0	.0	.0	.0	.1
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.1	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.1	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.1	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.1	.0	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.1	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.2	.0	.0	.0	.0	.0	.0	.0

30	*	.2	.1	.1	.1	.0	.0	.1	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.2	.2	.0	.0	.1	.0	
34	*	.1	.1	.2	.2	.0	.0	.1	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.2	.2	.2	.2	.0	.0	.1	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.0	.0	
42	*	.0	.0	.0	.0	.1	.1	.0	.0	

S7EXPM.OUT

S7NB15AM.DAT

S7 NB AM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corner	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 NB AM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	1425	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	500	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	500	3.1	0.56.0	30.
0							
130	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
			109 3.0 500 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	525	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	525	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
130			130 3.0 1 33.4 1750 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	525	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	400	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
130			109 3.0 400 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1300	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1300	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	750	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
130			95 3.0 750 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	650	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
130			95 3.0 650 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	425	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	425	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130			110 3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1825	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1825	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1825	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	450	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	450	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130			76 2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1700	3.1	0.68.	30.
2							
130	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
			77 2.0 1700 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1700	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2625	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2625	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	2200	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	2200	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	675	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7NB15AM.DAT

1	130	53	2.0	675	33.4	1695	2	3				
33	EB124	L	AG251909.540942.252199.541216.		450	3.1	0.	40.	30.			
2												
34	EB124	L	AG252142.541162.252051.541076.		0.20	0	2					
1	130	106	2.0	450	33.4	1717	2	3				
35	EB124	R	AG251949.540907.252119.541075.		1075	3.1	0.30	0	30.			
1												
36	EB124	R	AG252119.541075.252156.541093.		1075	3.1	0.	30.	30.			
1												
37	EB124	R	AG252156.541093.252267.541096.		1075	3.1	0.	30.	30.			
2												
27	EB124	R	AG252229.541095.252164.541093.		0.	10.	1					
1	130	53	2.0	1075	33.4	1583	3	3				
41	EB124	DEP	AG252210.541203.252343.541322.		1850	3.1	0.	60.	30.			
1												
42	EB124	DEP	AG252343.541322.252953.541871.		1850	3.1	0.	60.	30.			
1.0	0.4	1000.	0.0Y	5	0	72						

JOB: S7 NB AM 355 Montgomery Village
DATE: 12/27/2006 TIME: 00:02:07.81

RUN: S7 NB AM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1425.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	500.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	500.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252321.0	541093.8	*	104.	137. AG	225.	100.0	.0	36.0	.81 5.3
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	525.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	525.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	90.	100.0	.0	12.0	-.01 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	525.	3.1	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	400.	3.1	.0	44.0	
10. 7	NB355 THRU	* 252259.0	541181.0	252360.1	541079.4	*	143.	135. AG	150.	100.0	.0	24.0	.92 7.3
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1300.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1300.	3.1	.0	50.0	
13. 14	NB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	750.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252040.3	541335.9	*	130.	317. AG	196.	100.0	.0	36.0	.64 6.6
15. 16	SB355 Lt	* 252111.0	541380.0	252185.0	541208.0	*	245.	135. AG	650.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	250008.8	543362.1	*	2996.	315. AG	65.	100.0	.0	12.0	1.64 152.2
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	425.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	425.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1825.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1825.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1825.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	450.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	450.	3.1	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1700.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252374.6	541443.3	*	179.	47. AG	635.	100.0	.0	48.0	.70 9.1
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1700.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2625.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2625.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2200.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2200.	3.1	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	675.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252116.1	541112.1	*	49.	226. AG	146.	100.0	.0	48.0	.18 2.5
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	450.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252040.8	541066.3	*	139.	227. AG	146.	100.0	.0	20.0	.85 7.1
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1075.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1075.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1075.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	249902.4	541023.5	*	2328.	268. AG	37.	100.0	.0	10.0	1.21 118.2
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1850.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1850.	3.1	.0	60.0	

JOB: S7 NB AM 355 Montgomery Village
DATE: 12/27/2006 TIME: 00:02:07.81

RUN: S7 NB AM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 130	109	3.0	500	1663	33.40	2	3
7. 5	NB 355 RQ	* 130	130	3.0	1	1750	33.40	2	3
10. 7	NB355 THRU	* 130	109	3.0	400	1770	33.40	2	3
14. 14	SB355 TQ	* 130	95	3.0	750	1695	33.40	2	3
16. 17	SB 355 LQ	* 130	95	3.0	650	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 130	77	2.0	1700	1602	100.00	2	3
34. 31	EB124 T	* 130	53	2.0	675	1695	33.40	2	3
36. 34	EB124 L	* 130	106	2.0	450	1717	33.40	2	3
40. 27	EB124 R	* 130	53	2.0	1075	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7NB15AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 NB AM 355 Montgomery Village

RUN: S7 NB AM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.3	.8	.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
5.	.0	.0	.3	.6	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
10.	.0	.0	.2	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.3	.1	.0
15.	.0	.0	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.4	.1	.1
20.	.0	.0	.1	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.2	.4	.2	.1
25.	.0	.0	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1
30.	.0	.0	.1	.1	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.3	.1
35.	.0	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.4	.6	.3	.2
40.	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	.0	.0	.0	.0	.4	.3	.5	.6	.5	.3
45.	.0	.0	.0	.1	.1	.2	.2	.3	.1	.3	.0	.0	.0	.0	.4	.3	.5	.7	.7	.4
50.	.0	.0	.0	.0	.1	.1	.1	.3	.1	.4	.1	.0	.0	.0	.4	.3	.7	.9	.6	.6
55.	.0	.0	.0	.0	.1	.1	.1	.4	.2	.8	.3	.0	.0	.0	.4	.3	.7	1.1	.8	.6
60.	.0	.0	.0	.0	.0	.1	.1	.4	.3	1.1	.5	.0	.0	.0	.4	.2	.9	1.1	.8	.5
65.	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.3	.7	.1	.0	.0	.4	.3	1.2	1.0	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.5	.8	.3	.0	.0	.4	.3	1.3	.8	.5	.5
75.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.7	1.0	.4	.0	.0	.4	.4	1.2	.7	.4	.6
80.	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.9	1.1	.5	.1	.0	.4	.6	1.3	.7	.3	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.4	2.0	1.2	.6	.1	.0	.4	.7	1.2	.5	.5	.9
90.	.0	.0	.0	.0	.0	.0	.0	.4	.4	2.0	1.3	.7	.2	.0	.5	.8	1.2	.2	.8	.9
95.	.0	.0	.0	.0	.0	.0	.0	.3	.5	2.0	1.3	.7	.3	.0	.5	.7	1.1	.2	.7	.8
100.	.0	.0	.0	.0	.0	.0	.0	.3	.5	2.0	1.2	.7	.3	.1	.6	.6	.9	.5	.7	.5
105.	.0	.0	.0	.0	.0	.0	.0	.2	.5	1.9	1.1	.7	.4	.1	.6	.7	.7	.5	.7	.5
110.	.0	.0	.0	.0	.0	.0	.0	.3	.6	1.8	1.1	.6	.4	.1	.6	.6	.8	.5	.7	.5
115.	.0	.0	.0	.0	.0	.0	.0	.3	.7	1.8	1.1	.5	.4	.2	.5	.7	.9	.5	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	.3	.9	1.7	1.1	.4	.3	.2	.4	.6	.8	.6	.6	.4
125.	.0	.0	.0	.0	.0	.0	.0	.3	1.1	1.7	1.0	.3	.2	.2	.5	.8	.6	.6	.6	.3
130.	.1	.0	.0	.0	.0	.0	.0	.3	1.3	1.8	.9	.2	.2	.2	.4	.6	.4	.5	.5	.3
135.	.1	.0	.0	.0	.0	.0	.0	.3	1.4	1.7	.8	.5	.2	.2	.4	.4	.3	.5	.4	.3
140.	.1	.0	.1	.0	.0	.0	.0	.3	1.5	1.7	.7	.4	.4	.2	.3	.3	.4	.5	.4	.3
145.	.2	.2	.2	.1	.0	.0	.0	.3	1.6	1.8	.8	.4	.5	.3	.1	.3	.2	.4	.3	.3
150.	.2	.2	.2	.1	.0	.0	.0	.3	1.6	1.7	.7	.3	.4	.4	.1	.2	.2	.4	.3	.3
155.	.3	.2	.2	.1	.0	.0	.0	.3	1.7	1.8	.6	.4	.5	.5	.0	.2	.2	.3	.3	.3
160.	.3	.2	.2	.1	.1	.0	.0	.3	1.8	2.0	.6	.4	.6	.4	.0	.2	.2	.3	.3	.3
165.	.3	.2	.2	.1	.1	.0	.0	.3	1.8	2.1	.5	.3	.6	.4	.0	.1	.2	.3	.3	.3
170.	.2	.2	.2	.2	.1	.0	.0	.3	1.9	2.1	.3	.5	.5	.3	.0	.1	.2	.3	.3	.3
175.	.2	.2	.2	.2	.1	.0	.0	.3	2.0	2.2	.3	.6	.4	.3	.0	.1	.1	.3	.2	.3
180.	.2	.2	.2	.3	.1	.0	.0	.3	2.1	2.2	.2	.7	.4	.3	.0	.1	.1	.3	.2	.4
185.	.2	.2	.1	.3	.2	.0	.0	.3	2.3	2.0	.3	.7	.4	.3	.0	.1	.1	.3	.3	.4
190.	.2	.2	.1	.4	.3	.0	.0	.3	2.3	1.8	.4	.6	.3	.3	.0	.1	.1	.2	.3	.5
195.	.2	.1	.1	.5	.3	.0	.0	.3	2.2	1.5	.4	.6	.3	.3	.0	.0	.1	.2	.3	.5
200.	.2	.1	.2	.5	.2	.2	.0	.5	2.0	1.3	.4	.5	.2	.3	.0	.1	.1	.2	.4	.6
205.	.2	.1	.2	.5	.2	.2	.0	.6	1.9	1.2	.4	.5	.2	.3	.0	.1	.2	.4	.6	

1

JOB: S7 NB AM 355 Montgomery Village

RUN: S7 NB AM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.2	.6	.3	.2	.0	.7	1.7	1.1	.3	.5	.2	.3	.0	.0	.1	.2	.5	.6
215.	.2	.1	.2	.6	.2	.2	.0	.8	1.4	.8	.4	.4	.2	.3	.0	.0	.1	.2	.5	.4
220.	.2	.1	.3	.6	.2	.2	.1	.7	1.0	.6	.4	.3	.2	.3	.0	.0	.0	.2	.3	.4
225.	.2	.1	.3	.6	.2	.3	.2	.7	.9	.4	.4	.3	.2	.3	.0	.0	.0	.2	.3	.3
230.	.2	.1	.4	.6	.3	.2	.3	.7	.7	.4	.4	.3	.3	.3	.0	.0	.0	.0	.2	.3
235.	.2	.1	.4	.5	.4	.3	.5	.5	.3	.2	.4	.2	.3	.3	.0	.0	.0	.0	.1	.2
240.	.2	.1	.4	.7	.3	.4	.6	.4	.2	.1	.4	.2	.3	.3	.0	.0	.0	.0	.0	.1
245.	.2	.1	.6	.6	.2	.4	.7	.2	.1	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
250.	.2	.1	.6	.5	.2	.7	.7	.2	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
255.	.2	.1	.7	.5	.4	.8	.6	.1	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
260.	.2	.1	1.0	.5	.4	1.0	.5	.1	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1
265.	.2	.1	1.0	.3	.5	1.0	.5	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.1
270.	.2	.4	1.0	.4	.6	1.0	.4	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
275.	.2	.5	.9	.4	.6	1.1	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.1
280.	.2	.5	.8	.4	.7	1.1	.3	.0	.0	.0	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
285.	.2	.7	.7	.3	.7	1.1	.3	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
290.	.2	.6	.6	.4	.9	1.1	.3	.0	.0	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
295.	.2	.5	.5	.5	1.0	1.0	.3	.0	.0	.1	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
300.	.2	.5	.4	.6	1.0	1.0	.3	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
305.	.3	.5	.4	.5	1.2	1.1	.3	.0	.0	.1	.2	.3	.4	.4	.2	.2	.0	.0	.0	.0
310.	.3	.4	.3	.6	1.1	1.0	.3	.0	.0	.0	.2	.2	.3	.4	.3	.2	.1	.0	.0	.0
315.	.2	.4	.3	.7	1.1	.9	.3	.0	.0	.0	.0	.2	.3	.2	.3	.2	.2	.1	.0	.0
320.	.1	.3	.3	.7	1.0	.8	.3	.0	.0	.0	.0	.1	.2	.1	.4	.2	.2	.1	.1	.0
325.	.1	.2	.4	.8	1.0	.7	.3	.0	.0	.0	.0	.1	.1	.1	.5	.4	.3	.2	.1	.0
330.	.1	.3	.4	.9	1.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.1
335.	.1	.3	.4	.9	1.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.0
340.	.1	.3	.4	.9	1.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.2	.1	.0
345.	.1	.3	.4	.9	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.1	.0
350.	.0	.2	.4	.9	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
355.	.0	.1	.3	.9	.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0

S7NB15AM.OUT

360.	*	.0	.1	.3	.8	.7	.3	.3	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0	
MAX	*	.3	.7	1.0	.9	1.2	1.1	.7	.8	2.3	2.2	1.3	.7	.6	.5	.6	.8	1.3	1.1	.8	.9
DEGR.	*	155	285	260	330	305	275	245	215	185	175	90	90	160	155	100	125	70	55	90	85

1

JOB: S7 NB AM 355 Montgomery Village

RUN: S7 NB AM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.6	.7	.5	1.2	.8	.2
5.	*	.0	.3	.7	.7	.7	1.3	.6	.2
10.	*	.0	.3	.7	.8	.8	1.2	.6	.2
15.	*	.0	.3	.8	.8	.9	1.1	.4	.1
20.	*	.0	.2	.9	.9	1.0	1.1	.3	.1
25.	*	.0	.3	.9	1.1	1.1	.9	.2	.1
30.	*	.1	.3	.9	1.0	1.2	.9	.2	.1
35.	*	.3	.3	.8	.9	1.0	.8	.2	.1
40.	*	.4	.2	.6	.9	.8	.6	.2	.1
45.	*	.4	.1	.4	.9	.9	.6	.2	.1
50.	*	.5	.1	.3	.7	.8	.5	.2	.1
55.	*	.5	.0	.3	.5	.9	.5	.2	.1
60.	*	.6	.0	.3	.5	.9	.4	.2	.1
65.	*	.5	.0	.3	.4	.9	.3	.2	.1
70.	*	.4	.0	.2	.3	.9	.3	.2	.1
75.	*	.4	.0	.0	.3	.7	.3	.2	.1
80.	*	.3	.0	.0	.3	.6	.2	.2	.2
85.	*	.3	.0	.0	.3	.6	.2	.2	.2
90.	*	.3	.0	.1	.1	.4	.2	.2	.2
95.	*	.4	.0	.1	.1	.4	.2	.2	.2
100.	*	.3	.0	.1	.1	.4	.2	.2	.2
105.	*	.3	.0	.1	.1	.2	.2	.2	.3
110.	*	.3	.0	.1	.1	.3	.3	.3	.3
115.	*	.3	.0	.0	.1	.2	.3	.3	.3
120.	*	.4	.0	.0	.1	.2	.3	.3	.3
125.	*	.4	.0	.0	.1	.1	.3	.3	.2
130.	*	.4	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.3	.3	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.4	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.5	.0	.0	.0	.0	.0	.0	.0
195.	*	.5	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 NB AM 355 Montgomery Village

RUN: S7 NB AM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.3	.0	.0	.0	.0
225.	*	.2	.2	.4	.4	.0	.0	.0	.0
230.	*	.1	.3	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.2	.0	.0	.0
240.	*	.0	.3	.4	.5	.2	.0	.0	.0
245.	*	.0	.3	.4	.5	.1	.0	.0	.0
250.	*	.0	.3	.5	.4	.3	.0	.0	.0
255.	*	.0	.3	.5	.4	.5	.0	.0	.0
260.	*	.0	.3	.4	.4	.4	.0	.0	.0
265.	*	.0	.3	.4	.4	.4	.1	.0	.0
270.	*	.0	.3	.3	.4	.5	.2	.0	.0
275.	*	.0	.3	.3	.5	.6	.3	.0	.0
280.	*	.0	.3	.3	.5	.6	.3	.1	.0
285.	*	.0	.3	.3	.5	.7	.3	.1	.0
290.	*	.0	.3	.3	.5	.7	.4	.2	.0
295.	*	.0	.3	.3	.6	.9	.5	.2	.0
300.	*	.0	.3	.3	.6	.7	.5	.3	.0
305.	*	.0	.3	.3	.6	.7	.5	.3	.0
310.	*	.0	.3	.3	.6	.7	.7	.3	.1
315.	*	.0	.3	.3	.6	.8	.6	.4	.1
320.	*	.0	.3	.3	.7	.7	.6	.5	.1
325.	*	.0	.3	.3	.7	.7	.6	.6	.4
330.	*	.0	.3	.3	.7	.7	.6	.7	.5
335.	*	.0	.3	.3	.7	.6	.4	.7	.4
340.	*	.0	.4	.3	.7	.6	.6	.7	.3
345.	*	.0	.3	.4	.7	.5	.6	.8	.3
350.	*	.0	.3	.4	.7	.5	.9	.8	.3
355.	*	.0	.3	.5	.7	.4	1.0	.9	.3
360.	*	.0	.3	.6	.7	.5	1.2	.8	.2

```

-----*-----
MAX * .6 .4 .9 1.1 1.2 1.3 .9 .5
DEGR * 60 340 30 25 30 5 355 330

```

THE HIGHEST CONCENTRATION IS 2.30 PPM AT 185 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 2.20 PPM AT 175 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 90 DEGREES FROM REC11.

1

JOB: S7 NB AM 355 Montgomery Village
 DATE: 12/27/2006 TIME: 00:02:07.81

RUN: S7 NB AM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)			REC4 330	REC5 305	REC6 275	REC7 245	REC8 215	REC9 185	REC10 175	REC11 90	REC12 90	REC13 160	REC14 155	REC15 100	REC16 125	REC17 70	REC18 55	REC19 90	REC20 85
	REC1 155	REC2 285	REC3 260																	
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.4	.3	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.1	.1	.3	.2	.2	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
27	.0	.0	.0	.6	.8	.8	.4	.4	1.8	1.6	1.1	.5	.0	.0	.2	.0	.4	.4	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.3	.3
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0

1

JOB: S7 NB AM 355 Montgomery Village
 DATE: 12/27/2006 TIME: 00:02:07.81

RUN: S7 NB AM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)			REC24 25	REC25 30	REC26 5	REC27 355	REC28 330
	REC21 60	REC22 340	REC23 30					
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.2	.4	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.2	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.2	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.1	.1	.1	.1	.0	.0
27	.1	.0	.2	.3	.3	.3	.3	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.1	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.0	.0	.0	.0	S7NB15AM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	
33	*	.0	.0	.1	.1	.0	.0	.0	
34	*	.0	.0	.1	.2	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.0	.1	.1	.0	.0	.0	
37	*	.0	.0	.2	.1	.0	.0	.0	
38	*	.0	.0	.0	.1	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	
40	*	.0	.0	.0	.1	.1	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.0	
42	*	.0	.0	.0	.0	.1	.0	.0	

S7NB15PM.DAT

S7 NB15 PM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corner	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 NB15 PM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	1900	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	975	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	975	3.1	0.56.0	30.
0							
110	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
		78	3.0 975 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	50	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	50	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
110		130	3.0 1 33.4 1750 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	50	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	875	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
110		75	3.0 875 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1800	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1800	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	525	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
110		72	3.0 525 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	475	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
110		75	3.0 475 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	550	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	550	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130		110	3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1550	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1550	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1125	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	650	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	650	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130		76	2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1300	3.1	0.68.	30.
2							
110	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
		81	2.0 1300 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1300	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	1825	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	1825	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	3075	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	3075	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	2200	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7NB15PM.DAT

1	110	67	2.0	2200	33.4	1602	2	3				
33	1	EB124	L	AG251909.540942.252199.541216.	275	3.1	0.	40.	30.			
34	2	EB124	L	AG252142.541162.252051.541076.	0.20	0	2					
	110	97	2.0	275	33.4	1717	2	3				
35	1	EB124	R	AG251949.540907.252119.541075.	600	3.1	0.30	0	30.			
36	1	EB124	R	AG252119.541075.252156.541093.	600	3.1	0.	30.	30.			
37	1	EB124	R	AG252156.541093.252267.541096.	600	3.1	0.	30.	30.			
27	2	EB124	R	AG252229.541095.252164.541093.	0.	10.	1					
	110	67	2.0	600	33.4	1583	3	3				
41	1	EB124	DEP	AG252210.541203.252343.541322.	2725	3.1	0.	60.	30.			
42	1	EB124	DEP	AG252343.541322.252953.541871.	2725	3.1	0.	60.	30.			
1.0	0.4	1000.	0.0Y	5	0	72						

JOB: S7 NB15 PM 355 Montgomery Village
DATE: 12/27/2006 TIME: 00:04:44.45

RUN: S7 NB15 PM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1900.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	975.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	975.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252344.5	541068.6	*	139.	137. AG	191.	100.0	.0	36.0	.80 7.0
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	50.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	50.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	106.	100.0	.0	12.0	.00 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	50.	3.1	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	875.	3.1	.0	44.0	
10. 7	NB355 Thru	* 252259.0	541181.0	252400.6	541038.8	*	201.	135. AG	122.	100.0	.0	24.0	.91 10.2
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1800.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1800.	3.1	.0	50.0	
13. 14	NB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	525.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252081.9	541291.3	*	69.	317. AG	176.	100.0	.0	36.0	.34 3.5
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	475.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	251874.7	541514.7	*	371.	315. AG	61.	100.0	.0	12.0	1.01 18.8
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	550.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	550.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1550.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1550.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1125.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	650.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	650.	3.1	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1300.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252362.3	541431.9	*	162.	47. AG	790.	100.0	.0	48.0	.89 8.2
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1300.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	1825.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	1825.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	3075.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	3075.	3.1	.0	30.0	
33. 31	EB124 Thru	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	2200.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	251965.5	540966.0	*	258.	226. AG	218.	100.0	.0	48.0	.97 13.1
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	275.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252062.2	541086.6	*	110.	227. AG	158.	100.0	.0	20.0	.98 5.6
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	600.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	600.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	600.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	251502.4	541072.7	*	727.	268. AG	55.	100.0	.0	10.0	1.07 36.9
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2725.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2725.	3.1	.0	60.0	

JOB: S7 NB15 PM 355 Montgomery Village
DATE: 12/27/2006 TIME: 00:04:44.45

RUN: S7 NB15 PM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 110	78	3.0	975	1663	33.40	2	3
7. 5	NB 355 RQ	* 110	130	3.0	1	1750	33.40	2	3
10. 7	NB355 Thru	* 110	75	3.0	875	1770	33.40	2	3
14. 14	SB355 TQ	* 110	72	3.0	525	1695	33.40	2	3
16. 17	SB 355 LQ	* 110	75	3.0	475	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 110	81	2.0	1300	1602	100.00	2	3
34. 31	EB124 T	* 110	67	2.0	2200	1602	33.40	2	3
36. 34	EB124 L	* 110	97	2.0	275	1717	33.40	2	3
40. 27	EB124 R	* 110	67	2.0	600	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

S7NB15PM.OUT

21. REC 21 400' WN Corne *	251785.0	540934.0	5.0 *
22. REC 22 400' WS Corne *	251882.0	540819.0	5.0 *
23. REC 23 164' WS Corne *	252050.0	540989.0	5.0 *
24. REC 24 82' WS Corner *	252107.0	541046.0	5.0 *
25. REC 25 SW Corner *	252199.0	541083.0	5.0 *
26. REC 26 82' SW Corner *	252278.0	541046.0	5.0 *
27. REC 27 64' SW Corner *	252337.0	540986.0	5.0 *
28. REC 28 400' SW Corne *	252494.0	540799.0	5.0 *

1

JOB: S7 NB15 PM 355 Montgomery Village

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.3	.8	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.0	.0
5.	*	.0	.1	.2	.6	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.0	.0
10.	*	.0	.1	.2	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.0	.0
15.	*	.0	.1	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.0	.0
20.	*	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.0
25.	*	.0	.1	.1	.2	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.0
30.	*	.0	.1	.1	.2	.3	.4	.5	.1	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.0
35.	*	.0	.0	.1	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.2
40.	*	.0	.0	.1	.1	.3	.3	.3	.2	.0	.1	.0	.0	.0	.0	.3	.2	.3	.5	.4	.4
45.	*	.0	.0	.0	.1	.2	.3	.3	.2	.1	.3	.0	.0	.0	.0	.3	.2	.3	.6	.6	.4
50.	*	.0	.0	.0	.1	.2	.2	.3	.2	.2	.5	.1	.0	.0	.0	.3	.2	.4	1.0	.9	.6
55.	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.7	.4	.0	.0	.0	.2	.2	.4	1.1	.8	.7
60.	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	1.1	.5	.0	.0	.0	.2	.2	.6	1.2	.9	.5
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.4	.7	.2	.0	.0	.2	.3	.7	1.1	.8	.7
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.7	.9	.2	.0	.0	.2	.4	.9	1.0	.5	.6
75.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	1.9	1.1	.3	.1	.0	.2	.5	1.0	1.0	.4	.6
80.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	2.1	1.3	.5	.2	.0	.3	.6	1.0	.7	.4	.8
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	2.2	1.4	.6	.2	.0	.3	.7	.9	.4	.6	.8
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	2.3	1.5	.7	.3	.0	.4	.7	.8	.4	.7	1.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.4	1.5	.8	.4	.0	.4	.7	.8	.3	.7	.9
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.4	1.5	.8	.5	.1	.5	.6	.7	.4	.8	.8
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.4	1.6	.7	.4	.1	.6	.5	.7	.4	.9	.9
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.3	1.6	.6	.5	.2	.6	.5	.7	.5	.8	.8
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	2.2	1.5	.6	.4	.2	.6	.6	.5	.6	.8	.8
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	2.2	1.5	.5	.3	.2	.5	.6	.5	.7	.8	.8
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.6	2.2	1.3	.4	.3	.2	.4	.5	.5	.6	.8	.7
130.	*	.1	.0	.0	.0	.0	.0	.0	.2	.7	2.3	1.2	.3	.3	.3	.3	.3	.6	.5	.9	.7
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.9	2.4	1.1	.5	.2	.2	.2	.2	.6	.5	.8	.7
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	1.1	2.4	.9	.5	.4	.3	.2	.2	.4	.5	.8	.7
145.	*	.1	.1	.1	.0	.0	.0	.0	.2	1.3	2.2	.9	.4	.3	.3	.2	.2	.4	.5	.8	.7
150.	*	.1	.2	.2	.0	.0	.0	.0	.2	1.5	2.2	.8	.4	.3	.3	.1	.2	.4	.5	.7	.7
155.	*	.3	.3	.3	.1	.0	.0	.0	.2	1.7	2.2	.7	.4	.5	.4	.1	.2	.5	.5	.7	.7
160.	*	.3	.3	.4	.1	.0	.0	.0	.2	1.9	2.4	.6	.3	.5	.5	.1	.1	.5	.5	.6	.7
165.	*	.3	.3	.4	.3	.0	.0	.0	.2	2.0	2.4	.5	.4	.5	.5	.0	.2	.5	.6	.7	.6
170.	*	.2	.3	.4	.3	.0	.0	.0	.2	2.1	2.4	.5	.7	.6	.5	.0	.2	.4	.6	.7	.6
175.	*	.2	.3	.4	.3	.1	.0	.0	.2	2.4	2.4	.3	.8	.5	.3	.0	.1	.4	.6	.7	.6
180.	*	.2	.3	.5	.4	.1	.0	.0	.2	2.6	2.4	.5	.8	.4	.3	.0	.1	.4	.4	.7	.5
185.	*	.2	.3	.5	.4	.2	.0	.0	.2	2.6	2.2	.5	.7	.4	.3	.0	.1	.2	.4	.6	.6
190.	*	.2	.3	.5	.4	.2	.0	.0	.4	2.6	2.0	.6	.7	.4	.3	.0	.0	.2	.4	.6	.4
195.	*	.2	.3	.4	.4	.2	.2	.0	.3	2.6	1.9	.8	.6	.3	.3	.0	.0	.2	.4	.7	.4
200.	*	.2	.3	.4	.4	.2	.2	.0	.4	2.5	1.7	.8	.5	.3	.3	.0	.0	.2	.4	.6	.4
205.	*	.2	.3	.5	.4	.2	.2	.0	.5	2.4	1.4	.8	.5	.3	.3	.0	.0	.1	.3	.5	.5

1

JOB: S7 NB15 PM 355 Montgomery Village

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.5	.4	.2	.2	.0	.6	2.2	1.2	.6	.2	.3	.3	.0	.0	.0	.2	.4	.5
215.	*	.2	.3	.5	.4	.2	.2	.1	.8	1.7	1.1	.5	.2	.3	.3	.0	.0	.0	.2	.5	.5
220.	*	.3	.3	.6	.4	.3	.3	.1	.8	1.4	1.0	.5	.3	.3	.3	.0	.0	.0	.1	.5	.3
225.	*	.3	.3	.6	.5	.4	.3	.4	.8	1.0	.8	.4	.3	.3	.3	.0	.0	.0	.0	.3	.3
230.	*	.3	.3	.6	.5	.4	.4	.5	.6	.6	.5	.3	.3	.3	.3	.0	.0	.0	.0	.2	.2
235.	*	.3	.4	.7	.6	.5	.4	.7	.5	.3	.3	.3	.2	.4	.3	.0	.0	.0	.0	.2	.1
240.	*	.3	.4	.8	.6	.5	.6	.7	.3	.1	.3	.2	.2	.4	.3	.0	.0	.0	.0	.1	.2
245.	*	.3	.3	.8	.8	.5	.7	.8	.2	.1	.1	.2	.2	.4	.3	.0	.0	.0	.0	.1	.2
250.	*	.3	.4	.9	.8	.5	.6	.8	.2	.0	.1	.1	.2	.4	.3	.0	.0	.0	.0	.1	.2
255.	*	.3	.6	1.1	.6	.3	.8	.7	.1	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.1	.2
260.	*	.3	.7	1.1	.7	.3	1.0	.6	.0	.0	.0	.2	.3	.4	.3	.0	.0	.0	.0	.0	.2
265.	*	.3	.7	1.2	.4	.3	1.2	.6	.0	.0	.0	.2	.3	.4	.3	.0	.0	.0	.0	.0	.1
270.	*	.3	.7	1.1	.2	.5	1.2	.5	.0	.0	.0	.2	.3	.4	.2	.0	.0	.0	.0	.0	.1
275.	*	.3	1.0	1.0	.1	.7	1.3	.4	.0	.0	.0	.2	.3	.4	.3	.0	.0	.0	.0	.0	.1
280.	*	.4	.9	.9	.3	.9	1.3	.4	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
285.	*	.4	.9	.6	.3	.9	1.3	.3	.0	.0	.1	.1	.4	.3	.3	.0	.0	.0	.0	.0	.0
290.	*	.4	.8	.6	.3	1.0	1.3	.3	.0	.0	.1	.1	.4	.3	.3	.0	.0	.0	.0	.0	.0
295.	*	.4	.6	.3	.3	1.1	1.3	.3	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
300.	*	.5	.6	.3	.3	1.2	1.2	.3	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
305.	*	.4	.5	.4	.4	1.3	1.1	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	*	.5	.3	.2	.5	1.3	1.0	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0
315.	*	.4	.4	.3	.5	1.3	.8	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
320.	*	.1	.3	.3	.6	1.3	.7	.3	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.0	.0	.0
325.	*	.2	.4	.4	.7	1.3	.6	.3	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.2	.0	.0
330.	*	.2	.3	.5	.8	1.3	.5	.2	.0	.0	.0	.0	.0	.1	.0	.3	.4	.3	.2	.0	.0
335.	*	.1	.3	.6	.9	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
340.	*	.1	.3	.6	.9	1.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
345.	*	.1	.3	.6	.9	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0
350.	*	.0	.3	.5	.8	.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0
355.	*	.0	.2	.4	.9	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0

360.	*	.0	.2	.3	.8	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.0	.0
MAX	*	.5	1.0	1.2	.9	1.3	1.3	.8	.8	2.6	2.4	1.6	.8	.6	.5	.6	.7	1.0	1.2	.9	1.0
DEGR.	*	300	275	265	335	305	275	245	215	180	95	105	175	170	160	105	85	75	60	50	90

1

JOB: S7 NB15 PM 355 Montgomery Village

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	1.1	1.4	.8	1.1	.9	.3
5.	*	.0	.3	1.1	1.4	.9	1.1	.8	.2
10.	*	.0	.4	1.2	1.5	1.0	1.2	.8	.2
15.	*	.0	.5	1.4	1.5	1.0	1.2	.7	.2
20.	*	.0	.5	1.4	1.3	1.2	1.0	.6	.2
25.	*	.0	.6	1.3	1.2	1.2	.9	.5	.2
30.	*	.1	.6	1.2	1.5	1.1	.9	.4	.2
35.	*	.2	.6	1.2	1.1	1.1	.8	.3	.2
40.	*	.3	.4	.9	1.0	1.0	.8	.3	.2
45.	*	.5	.4	.8	.9	.9	.7	.3	.2
50.	*	.5	.3	.6	.5	.8	.7	.3	.2
55.	*	.6	.1	.4	.4	.7	.7	.3	.2
60.	*	.7	.0	.2	.3	.8	.7	.2	.2
65.	*	.7	.0	.2	.3	.7	.6	.2	.1
70.	*	.5	.0	.2	.2	.6	.6	.2	.1
75.	*	.5	.0	.2	.2	.6	.5	.2	.1
80.	*	.5	.0	.0	.2	.6	.4	.2	.1
85.	*	.4	.0	.0	.2	.6	.4	.2	.1
90.	*	.5	.0	.0	.2	.6	.4	.2	.1
95.	*	.3	.0	.0	.0	.6	.3	.2	.2
100.	*	.3	.0	.0	.0	.5	.4	.2	.2
105.	*	.3	.0	.0	.0	.4	.4	.3	.2
110.	*	.3	.0	.0	.0	.3	.4	.3	.2
115.	*	.3	.0	.0	.0	.1	.3	.3	.2
120.	*	.3	.0	.0	.0	.1	.3	.3	.2
125.	*	.3	.0	.0	.0	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.2	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.3	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 NB15 PM 355 Montgomery Village

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.1	.0	.1	.0	.0	.0	.0
215.	*	.2	.1	.2	.2	.0	.0	.0	.0
220.	*	.2	.1	.2	.3	.0	.0	.0	.0
225.	*	.1	.2	.2	.5	.2	.0	.0	.0
230.	*	.1	.3	.5	.6	.2	.0	.0	.0
235.	*	.0	.4	.5	.8	.4	.0	.0	.0
240.	*	.0	.4	.6	1.0	.4	.1	.0	.0
245.	*	.0	.4	.7	1.0	.4	.2	.0	.0
250.	*	.0	.4	.9	1.0	.4	.1	.0	.0
255.	*	.0	.4	.7	1.0	.7	.2	.0	.0
260.	*	.0	.4	.9	1.1	.8	.3	.1	.0
265.	*	.0	.4	.9	1.0	1.0	.3	.1	.0
270.	*	.0	.3	1.0	1.1	1.0	.4	.1	.0
275.	*	.0	.3	1.0	1.1	1.0	.4	.2	.0
280.	*	.0	.3	1.0	1.1	1.1	.5	.3	.0
285.	*	.0	.3	1.0	1.1	1.2	.5	.4	.0
290.	*	.0	.3	1.1	1.1	1.1	.5	.4	.1
295.	*	.0	.3	1.0	1.1	1.1	.5	.5	.1
300.	*	.0	.3	1.0	1.1	1.1	.5	.3	.1
305.	*	.0	.3	1.0	1.2	1.0	.4	.4	.1
310.	*	.0	.3	1.0	1.2	.9	.5	.3	.1
315.	*	.0	.3	1.1	1.2	.9	.3	.2	.2
320.	*	.0	.3	1.0	1.3	.9	.2	.2	.2
325.	*	.0	.3	.9	1.3	1.0	.2	.3	.4
330.	*	.0	.3	.9	1.2	1.0	.3	.6	.5
335.	*	.0	.3	.9	1.2	.8	.5	.7	.5
340.	*	.0	.2	1.0	1.3	.8	.5	1.0	.5
345.	*	.0	.2	1.0	1.3	.6	.8	1.0	.4
350.	*	.0	.3	1.0	1.4	.7	.8	1.1	.3
355.	*	.0	.3	1.1	1.4	.7	1.0	1.1	.3
360.	*	.0	.3	1.1	1.4	.8	1.1	.9	.3


```

-----*-----
MAX * .7 .6 1.4 1.5 1.2 1.2 1.1
DEGR. * 60 25 15 10 25 10 350 330

```

THE HIGHEST CONCENTRATION IS 2.60 PPM AT 180 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 2.40 PPM AT 95 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 105 DEGREES FROM REC11.

1

JOB: S7 NB15 PM 355 Montgomery Village
 DATE: 12/27/2006 TIME: 00:04:44.45

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 300	REC2 275	REC3 265	REC4 335	REC5 305	REC6 275	REC7 245	REC8 215	REC9 180	REC10 95	REC11 105	REC12 175	REC13 170	REC14 160	REC15 105	REC16 85	REC17 75	REC18 60	REC19 50	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.3	.1	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
27	.0	.0	.0	.8	1.0	1.0	.4	.4	2.0	2.1	1.3	.0	.0	.0	.2	.4	.5	.5	.4	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
34	.1	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0

1

JOB: S7 NB15 PM 355 Montgomery Village
 DATE: 12/27/2006 TIME: 00:04:44.45

RUN: S7 NB15 PM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 60	REC22 25	REC23 15	REC24 10	REC25 25	REC26 10	REC27 350	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.1	.1
4	.0	.0	.0	.0	.1	.3	.3	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.2	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.1	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.0	.0	.0
27	.1	.1	.1	.1	.4	.4	.3	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.2	.1	.1	.1	.0	.0	.0	.0	S7NB15PM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.1	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.2	.2	.0	.0	.0	.0	
34	*	.2	.2	.7	.6	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.2	.2	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.1	.2	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.1	.0	
42	*	.0	.0	.0	.0	.1	.0	.0	.0	

S7B115AM.DAT

S7 B1 AM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corne	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 B1 AM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	1475	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	500	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	500	3.1	0.56.0	30.
0							
140	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
	116		3.0 500 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	575	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	575	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
130	130		3.0 1 33.4 1750 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	575	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	400	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
140	115		3.0 400 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1150	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1150	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	775	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
140	102		3.0 775 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	575	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
140	104		3.0 575 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	325	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	325	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130	110		3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1675	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1675	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1875	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	400	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	400	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130	76		2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1500	3.1	0.68.	30.
2							
140	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
	76		2.0 1500 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1500	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2325	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2325	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	1925	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	1925	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	475	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7B115AM.DAT

	140	53	2.0	475	33.4	1602	2	3	
1									
33	EB124	L	AG251909.540942.252199.541216.		350	3.1	0.	40.	30.
2									
34	EB124	L	AG252142.541162.252051.541076.		0.20	0	2		
140	116		2.0	350	33.4	1717	2	3	
1									
35	EB124	R	AG251949.540907.252119.541075.		1100	3.1	0.30	0	30.
1									
36	EB124	R	AG252119.541075.252156.541093.		1100	3.1	0.	30.	30.
1									
37	EB124	R	AG252156.541093.252267.541096.		1100	3.1	0.	30.	30.
2									
27	EB124	R	AG252229.541095.252164.541093.		0.	10.	1		
140	53		2.0	1100	33.4	1583	3	3	
1									
41	EB124	DEP	AG252210.541203.252343.541322.		1625	3.1	0.	60.	30.
1									
42	EB124	DEP	AG252343.541322.252953.541871.		1625	3.1	0.	60.	30.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S7 B1 AM 355 Montgomery Village
DATE: 12/25/2006 TIME: 00:35:16.77

RUN: S7 B1 AM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1475.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	500.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	500.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252321.8	541093.0	*	105.	137. AG	223.	100.0	.0	36.0	.74 5.3
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	575.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	575.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	90.	100.0	.0	12.0	-.01 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	575.	3.1	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	400.	3.1	.0	44.0	
10. 7	NB355 THRU	* 252259.0	541181.0	252348.2	541091.4	*	126.	135. AG	147.	100.0	.0	24.0	.79 6.4
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1150.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1150.	3.1	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	775.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252030.7	541346.1	*	144.	317. AG	196.	100.0	.0	36.0	.65 7.3
15. 16	SB355 Lt	* 252111.0	541380.0	252185.0	541208.0	*	245.	135. AG	575.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	250440.0	542935.2	*	2389.	315. AG	67.	100.0	.0	12.0	1.51 121.4
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	325.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	325.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1675.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1675.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1875.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	400.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	400.	3.1	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1500.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252357.6	541427.6	*	156.	47. AG	582.	100.0	.0	48.0	.55 7.9
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1500.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2325.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2325.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	1925.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	1925.	3.1	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	475.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252126.4	541122.2	*	34.	226. AG	136.	100.0	.0	48.0	.12 1.7
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	350.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252061.3	541085.8	*	111.	227. AG	148.	100.0	.0	20.0	.71 5.6
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1100.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1100.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1100.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	250141.9	541030.9	*	2088.	268. AG	34.	100.0	.0	10.0	1.17 106.1
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1625.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1625.	3.1	.0	60.0	

JOB: S7 B1 AM 355 Montgomery Village
DATE: 12/25/2006 TIME: 00:35:16.77

RUN: S7 B1 AM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 140	116	3.0	500	1663	33.40	2	3
7. 5	NB 355 RQ	* 130	130	3.0	1	1750	33.40	2	3
10. 7	NB355 THRU	* 140	115	3.0	400	1770	33.40	2	3
14. 14	SB355 TQ	* 140	102	3.0	775	1695	33.40	2	3
16. 17	SB 355 LQ	* 140	104	3.0	575	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 140	76	2.0	1500	1602	100.00	2	3
34. 31	EB124 T	* 140	53	2.0	475	1602	33.40	2	3
36. 34	EB124 L	* 140	116	2.0	350	1717	33.40	2	3
40. 27	EB124 R	* 140	53	2.0	1100	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B115AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B1 AM 355 Montgomery Village

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.7	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
5.	.0	.0	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
10.	.0	.0	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
15.	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1
20.	.0	.0	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.2	.4	.4	.2	.1
25.	.0	.0	.1	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.2	.1
30.	.0	.0	.1	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.2	.1
35.	.0	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.3	.2
40.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.4	.3	.6	.5	.4	.3
45.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.4	.3	.7	.6	.6	.4
50.	.0	.0	.0	.0	.1	.1	.1	.3	.1	.3	.1	.0	.0	.0	.4	.3	.7	.7	.6	.6
55.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.6	.2	.0	.0	.0	.4	.2	.8	.8	.7	.6
60.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.8	.4	.0	.0	.0	.4	.2	.9	1.0	.7	.4
65.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.0	.5	.0	.0	.0	.4	.3	1.0	1.0	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.2	.7	.1	.0	.0	.4	.3	1.2	.8	.3	.5
75.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.4	.8	.3	.0	.0	.4	.4	1.2	.6	.3	.5
80.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.5	1.0	.3	.0	.0	.4	.4	1.2	.4	.2	.5
85.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.7	1.1	.4	.1	.0	.4	.6	1.2	.4	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.7	1.1	.5	.2	.0	.5	.7	1.1	.2	.6	.6
95.	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.7	1.2	.6	.2	.0	.5	.8	1.0	.2	.7	.6
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.0	.6	.3	.0	.5	.7	.8	.4	.7	.5
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.0	.6	.3	.1	.5	.7	.6	.4	.6	.5
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.0	.5	.3	.1	.5	.7	.8	.4	.7	.4
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.6	1.0	.5	.3	.1	.4	.5	.8	.4	.5	.4
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.6	1.0	.4	.3	.2	.5	.7	.8	.4	.5	.3
125.	.0	.0	.0	.0	.0	.0	.0	.2	.3	1.6	.9	.3	.2	.1	.5	.7	.5	.4	.5	.3
130.	.1	.0	.0	.0	.0	.0	.0	.2	.3	1.6	.9	.2	.1	.2	.4	.7	.4	.4	.4	.3
135.	.1	.0	.0	.0	.0	.0	.0	.2	.4	1.6	.8	.3	.2	.2	.3	.4	.3	.4	.3	.3
140.	.1	.1	.1	.0	.0	.0	.0	.2	.5	1.6	.6	.4	.4	.3	.3	.3	.4	.4	.3	.3
145.	.2	.2	.2	.1	.0	.0	.0	.2	.7	1.6	.8	.4	.5	.3	.1	.2	.2	.2	.3	.3
150.	.3	.2	.2	.1	.0	.0	.0	.2	.9	1.6	.7	.3	.4	.3	.1	.2	.2	.2	.3	.3
155.	.3	.2	.2	.1	.0	.0	.0	.2	1.0	1.7	.6	.4	.5	.4	.0	.1	.2	.2	.3	.3
160.	.3	.2	.2	.1	.1	.0	.0	.2	1.2	1.7	.6	.4	.6	.3	.0	.1	.2	.2	.2	.3
165.	.3	.2	.2	.1	.1	.0	.0	.2	1.3	2.0	.4	.3	.6	.3	.0	.1	.2	.2	.2	.3
170.	.2	.2	.2	.1	.1	.0	.0	.3	1.4	2.0	.3	.5	.5	.3	.0	.1	.1	.2	.2	.3
175.	.2	.2	.2	.2	.1	.0	.0	.3	1.4	2.0	.3	.6	.5	.3	.0	.1	.1	.2	.2	.3
180.	.2	.2	.2	.3	.1	.0	.0	.3	1.6	2.0	.1	.7	.4	.3	.0	.1	.1	.1	.2	.3
185.	.2	.2	.2	.4	.1	.0	.0	.3	1.7	1.8	.3	.6	.4	.3	.0	.1	.1	.2	.2	.3
190.	.2	.2	.2	.4	.3	.0	.0	.3	1.9	1.6	.2	.6	.4	.3	.0	.1	.1	.2	.2	.4
195.	.2	.2	.2	.6	.3	.0	.0	.3	1.9	1.2	.4	.6	.2	.3	.0	.0	.1	.2	.2	.4
200.	.2	.2	.1	.6	.3	.1	.0	.4	1.8	1.1	.4	.6	.2	.3	.0	.0	.1	.2	.3	.4
205.	.2	.2	.1	.5	.3	.2	.0	.4	1.6	1.0	.4	.6	.2	.3	.0	.0	.1	.4	.5	

1

JOB: S7 B1 AM 355 Montgomery Village

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.1	.6	.2	.2	.0	.6	1.5	.8	.3	.5	.2	.3	.0	.0	.1	.2	.5	.5
215.	.2	.2	.1	.6	.2	.2	.0	.7	1.2	.7	.4	.4	.2	.3	.0	.0	.0	.2	.3	.4
220.	.2	.2	.2	.6	.2	.2	.1	.6	1.1	.6	.4	.4	.2	.3	.0	.0	.0	.2	.3	.4
225.	.2	.2	.2	.6	.2	.1	.2	.6	.8	.4	.4	.3	.2	.3	.0	.0	.0	.1	.2	.3
230.	.2	.2	.3	.6	.2	.2	.2	.5	.6	.4	.4	.3	.2	.3	.0	.0	.0	.0	.1	.3
235.	.2	.2	.4	.5	.3	.3	.4	.4	.3	.2	.4	.3	.3	.3	.0	.0	.0	.0	.1	.2
240.	.2	.1	.4	.4	.2	.4	.6	.3	.2	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.1
245.	.2	.1	.5	.6	.2	.4	.6	.2	.1	.1	.4	.2	.3	.3	.0	.0	.0	.0	.0	.1
250.	.2	.2	.5	.5	.2	.6	.6	.1	.1	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
255.	.2	.2	.6	.6	.3	.7	.5	.1	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
260.	.2	.2	.8	.5	.3	.8	.5	.0	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.0	.1
265.	.2	.2	.9	.2	.3	.9	.4	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.1
270.	.2	.3	.9	.4	.5	1.0	.4	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
275.	.2	.4	.8	.4	.5	.9	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.1
280.	.2	.4	.8	.4	.6	.9	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.2	.5	.7	.3	.7	.9	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.2	.5	.5	.4	.8	.9	.2	.0	.0	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0
295.	.2	.6	.5	.4	.9	.9	.2	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
300.	.2	.5	.4	.5	1.0	.8	.2	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
305.	.3	.4	.4	.5	1.0	.7	.2	.0	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0
310.	.3	.4	.3	.6	1.0	.6	.2	.0	.0	.0	.1	.2	.3	.3	.3	.2	.1	.0	.0	.0
315.	.2	.4	.2	.6	.9	.5	.2	.0	.0	.0	.0	.2	.2	.2	.3	.2	.2	.1	.0	.0
320.	.1	.2	.3	.7	.9	.4	.2	.0	.0	.0	.0	.1	.1	.1	.4	.2	.2	.1	.1	.0
325.	.1	.2	.2	.8	.9	.3	.2	.0	.0	.0	.0	.0	.1	.1	.4	.4	.3	.2	.1	.0
330.	.1	.2	.3	.8	.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.0
335.	.1	.2	.3	.9	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.0
340.	.1	.2	.4	.9	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.1	.0
345.	.0	.2	.3	.9	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0
350.	.0	.1	.3	.8	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
355.	.0	.1	.2	.7	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0

S7B115AM.OUT

360.	*	.0	.1	.2	.7	.4	.3	.3	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0
MAX	*	.3	.6	.9	.9	1.0	1.0	.6	.7	1.9	2.0	1.2	.7	.6	.4	.6	.8	1.2	1.0	.7
DEGR.	*	150	295	265	335	300	270	240	215	190	165	95	180	160	155	330	95	70	60	95

1

JOB: S7 B1 AM 355 Montgomery Village

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.4	.6	.4	1.1	.6	.2
5.	*	.0	.3	.5	.6	.6	1.1	.6	.2
10.	*	.0	.2	.5	.7	.8	1.1	.5	.2
15.	*	.0	.2	.6	.7	.8	1.0	.4	.2
20.	*	.0	.2	.6	.6	.9	.9	.2	.1
25.	*	.0	.3	.6	.7	1.0	.9	.2	.1
30.	*	.1	.3	.5	.8	.9	.8	.2	.1
35.	*	.2	.2	.5	.7	.9	.8	.2	.1
40.	*	.4	.2	.5	.7	.8	.6	.2	.1
45.	*	.4	.1	.4	.6	.8	.6	.2	.1
50.	*	.4	.1	.3	.6	.8	.4	.2	.1
55.	*	.5	.0	.3	.4	.8	.4	.2	.1
60.	*	.4	.0	.3	.5	.8	.4	.2	.1
65.	*	.3	.0	.3	.4	.8	.3	.2	.1
70.	*	.3	.0	.1	.3	.8	.2	.2	.1
75.	*	.4	.0	.0	.3	.7	.2	.2	.2
80.	*	.3	.0	.0	.3	.6	.2	.2	.2
85.	*	.3	.0	.0	.2	.6	.2	.2	.2
90.	*	.3	.0	.1	.1	.4	.2	.2	.2
95.	*	.3	.0	.1	.1	.4	.2	.2	.2
100.	*	.3	.0	.1	.1	.3	.2	.2	.2
105.	*	.3	.0	.1	.1	.2	.3	.3	.3
110.	*	.3	.0	.1	.1	.3	.3	.3	.3
115.	*	.3	.0	.0	.1	.2	.3	.3	.3
120.	*	.3	.0	.0	.1	.2	.3	.3	.3
125.	*	.3	.0	.0	.1	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.3	.3	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.1	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 B1 AM 355 Montgomery Village

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.2	.2	.3	.3	.0	.0	.0	.0
230.	*	.1	.2	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.1	.0	.0	.0
240.	*	.0	.3	.4	.3	.1	.0	.0	.0
245.	*	.0	.3	.4	.3	.1	.0	.0	.0
250.	*	.0	.3	.3	.3	.3	.0	.0	.0
255.	*	.0	.3	.3	.3	.4	.0	.0	.0
260.	*	.0	.3	.3	.3	.3	.0	.0	.0
265.	*	.0	.3	.3	.3	.4	.1	.0	.0
270.	*	.0	.3	.2	.3	.5	.2	.0	.0
275.	*	.0	.2	.2	.3	.5	.2	.0	.0
280.	*	.0	.2	.2	.3	.5	.3	.0	.0
285.	*	.0	.2	.2	.3	.5	.3	.0	.0
290.	*	.0	.2	.2	.3	.7	.3	.0	.0
295.	*	.0	.2	.2	.3	.7	.4	.0	.0
300.	*	.0	.2	.2	.4	.6	.4	.2	.0
305.	*	.0	.2	.2	.4	.6	.4	.2	.0
310.	*	.0	.2	.2	.4	.5	.6	.2	.1
315.	*	.0	.2	.2	.4	.7	.6	.4	.1
320.	*	.0	.2	.2	.5	.7	.6	.5	.1
325.	*	.0	.2	.2	.5	.7	.5	.6	.3
330.	*	.0	.2	.2	.5	.7	.6	.7	.4
335.	*	.0	.2	.2	.5	.6	.6	.7	.4
340.	*	.0	.2	.2	.6	.6	.6	.7	.3
345.	*	.0	.2	.2	.6	.5	.6	.8	.3
350.	*	.0	.3	.2	.5	.4	.8	.8	.3
355.	*	.0	.3	.4	.5	.4	.8	.7	.3
360.	*	.0	.3	.4	.6	.4	1.1	.6	.2

```

-----*-----
MAX * .5 .3 .6 1.0 1.1 .8
DEGR. * 55 0 15 30 25 0 345 330

```

THE HIGHEST CONCENTRATION IS 2.00 PPM AT 165 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 190 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 95 DEGREES FROM REC11.

1

JOB: S7 B1 AM 355 Montgomery Village
 DATE: 12/25/2006 TIME: 00:35:16.77

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 150	REC2 295	REC3 265	REC4 335	REC5 300	REC6 270	REC7 240	REC8 215	REC9 190	REC10 165	REC11 95	REC12 180	REC13 160	REC14 155	REC15 330	REC16 95	REC17 70	REC18 60	REC19 95	REC20 50
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.2	.1	.0	.2	.5	.3	.0	.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
22	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.1	.1	.3	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1
27	.0	.0	.0	.6	.7	.7	.3	.3	1.5	1.5	1.0	.0	.0	.0	.0	.3	.3	.4	.0	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

JOB: S7 B1 AM 355 Montgomery Village
 DATE: 12/25/2006 TIME: 00:35:16.77

RUN: S7 B1 AM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 15	REC24 30	REC25 25	REC26 0	REC27 345	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.1	.4	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.2	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.3	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.0	.0	.0
27	.1	.0	.1	.3	.3	.3	.2	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.0	.0	.0	.0	S7B115AM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.1	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.1	.0	.0	.0	
37	*	.0	.0	.2	.1	.0	.0	.0	
38	*	.0	.0	.0	.1	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	
41	*	.0	.0	.0	.0	.1	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	

S7B115PM.DAT

S7 B1 PM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corner	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 B1 PM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	2025	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	1000	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	1000	3.1	0.56.0	30.
0							
110	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
		73	3.0 1000 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	75	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	75	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
130		130	3.0 1 33.4 1750 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	75	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	950	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
110		71	3.0 950 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1800	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1800	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	575	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
110		71	3.0 575 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	425	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
110		73	3.0 425 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	450	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	450	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130		110	3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1450	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1450	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1200	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	575	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	575	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130		76	2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1000	3.1	0.68.	30.
2							
110	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
		81	2.0 1000 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1000	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2550	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2550	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	2775	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	2775	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	1875	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7B115PM.DAT

1	110	67	2.0 1875	33.4 1602 2 3			
33	EB124 L	AG251909.540942.252199.541216.	275 3.1	0. 40.	30.		
2							
34	EB124 L	AG252142.541162.252051.541076.	0.20.0	2			
110	95	2.0 275 33.4 1717 2 3					
1							
35	EB124 R	AG251949.540907.252119.541075.	625 3.1	0.30.0	30.		
1							
36	EB124 R	AG252119.541075.252156.541093.	625 3.1	0. 30.	30.		
1							
37	EB124 R	AG252156.541093.252267.541096.	625 3.1	0. 30.	30.		
2							
27	EB124 R	AG252229.541095.252164.541093.	0. 10.	1			
110	67	2.0 625 33.4 1583 3 3					
1							
41	EB124 DEP	AG252210.541203.252343.541322.	2375 3.1	0. 60.	30.		
1							
42	EB124 DEP	AG252343.541322.252953.541871.	2375 3.1	0. 60.	30.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S7 B1 PM 355 Montgomery Village
DATE: 12/25/2006 TIME: 00:44:30.80

RUN: S7 B1 PM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	2025.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	1000.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	1000.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252340.6	541072.7	*	133.	137. AG	178.	100.0	.0	36.0	.69 6.8
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	75.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	75.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	90.	100.0	.0	12.0	-.01 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	75.	3.1	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	950.	3.1	.0	44.0	
10. 7	NB355 THRU	* 252259.0	541181.0	252394.8	541044.5	*	193.	135. AG	116.	100.0	.0	24.0	.87 9.8
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1800.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1800.	3.1	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	575.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252078.3	541295.2	*	74.	317. AG	173.	100.0	.0	36.0	.37 3.8
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	425.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252002.5	541388.2	*	191.	315. AG	59.	100.0	.0	12.0	.85 9.7
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	450.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	450.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1450.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1450.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1200.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	575.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	575.	3.1	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1000.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252324.5	541397.0	*	111.	47. AG	790.	100.0	.0	48.0	.69 5.6
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1000.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2550.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2550.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2775.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2775.	3.1	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	1875.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252027.9	541026.6	*	171.	226. AG	218.	100.0	.0	48.0	.83 8.7
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	275.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252085.7	541108.8	*	77.	227. AG	155.	100.0	.0	20.0	.80 3.9
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	625.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	625.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	625.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	251242.1	541064.7	*	987.	268. AG	55.	100.0	.0	10.0	1.11 50.2
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2375.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2375.	3.1	.0	60.0	

JOB: S7 B1 PM 355 Montgomery Village
DATE: 12/25/2006 TIME: 00:44:30.80

RUN: S7 B1 PM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 110	73	3.0	1000	1663	33.40	2	3
7. 5	NB 355 RQ	* 130	130	3.0	1	1750	33.40	2	3
10. 7	NB355 THRU	* 110	71	3.0	950	1770	33.40	2	3
14. 14	SB355 TQ	* 110	71	3.0	575	1695	33.40	2	3
16. 17	SB 355 LQ	* 110	73	3.0	425	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 110	81	2.0	1000	1602	100.00	2	3
34. 31	EB124 T	* 110	67	2.0	1875	1602	33.40	2	3
36. 34	EB124 L	* 110	95	2.0	275	1717	33.40	2	3
40. 27	EB124 R	* 110	67	2.0	625	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B115PM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B1 PM 355 Montgomery Village

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
5.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
10.	.0	.1	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
15.	.0	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0
20.	.0	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.1	.0
25.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.1	.0
30.	.0	.0	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.2	.0
35.	.0	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.4	.3	.2
40.	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.5	.4	.3
45.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.2	.1	.2	.6	.5	.4
50.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.2	.7	.7	.6
55.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0	.0	.2	.1	.3	1.0	.7	.6
60.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.3	.3	.0	.0	.0	.2	.1	.4	1.1	.7	.6
65.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.4	.1	.0	.0	.2	.2	.5	1.0	.7	.6
70.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.1	.0	.0	.2	.3	.6	.8	.5	.7
75.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.8	.7	.2	.1	.0	.2	.5	.7	.8	.5	.6
80.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.9	.8	.3	.1	.0	.2	.6	.8	.7	.4	.9
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.1	1.0	.4	.2	.0	.3	.6	.6	.4	.7	.9
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.2	1.2	.5	.2	.0	.3	.6	.6	.3	.7	1.0
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.4	1.3	.6	.3	.0	.4	.6	.8	.3	.7	.9
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.6	1.4	.6	.2	.0	.4	.5	.7	.3	.8	.7
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.5	.6	.3	.1	.4	.6	.7	.4	.9	.8
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.9	1.5	.6	.4	.1	.4	.5	.6	.6	.8	.8
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.0	1.5	.5	.4	.1	.4	.5	.5	.7	.9	.8
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.1	1.5	.5	.3	.2	.4	.4	.5	.7	.9	.8
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.2	1.3	.4	.3	.2	.3	.4	.6	.6	.8	.6
130.	.1	.0	.0	.0	.0	.0	.0	.2	.2	2.2	1.2	.3	.3	.2	.2	.3	.5	.5	.8	.6
135.	.1	.0	.0	.0	.0	.0	.0	.2	.3	2.3	1.0	.4	.2	.2	.1	.3	.4	.6	.8	.6
140.	.1	.0	.0	.0	.0	.0	.0	.2	.3	2.3	.9	.4	.3	.3	.1	.3	.3	.5	.7	.5
145.	.1	.1	.1	.0	.0	.0	.0	.2	.2	2.2	.9	.4	.2	.2	.2	.2	.3	.5	.7	.5
150.	.1	.2	.3	.0	.0	.0	.0	.2	.2	2.1	.8	.4	.3	.2	.1	.2	.3	.6	.7	.5
155.	.3	.3	.3	.1	.0	.0	.0	.2	.3	2.1	.8	.4	.5	.2	.0	.2	.4	.6	.7	.4
160.	.3	.3	.3	.3	.0	.0	.0	.2	.4	2.3	.7	.4	.6	.3	.0	.2	.4	.6	.7	.4
165.	.3	.3	.4	.4	.0	.0	.0	.2	.5	2.4	.5	.5	.6	.3	.0	.2	.4	.5	.6	.4
170.	.3	.3	.4	.4	.0	.0	.0	.2	.6	2.4	.5	.6	.7	.3	.0	.2	.3	.5	.6	.4
175.	.2	.3	.4	.4	.0	.0	.0	.2	.7	2.4	.3	.6	.6	.3	.0	.2	.2	.5	.5	.4
180.	.2	.3	.4	.4	.1	.0	.0	.2	1.2	2.4	.3	.6	.5	.3	.0	.1	.2	.5	.5	.4
185.	.2	.3	.5	.3	.2	.0	.0	.2	1.3	2.2	.5	.6	.5	.3	.0	.1	.2	.4	.6	.6
190.	.2	.3	.5	.3	.2	.0	.0	.2	1.4	2.0	.5	.6	.3	.3	.0	.1	.1	.4	.5	.5
195.	.2	.3	.5	.3	.2	.1	.0	.2	1.6	1.8	.6	.6	.3	.3	.0	.0	.1	.4	.5	.5
200.	.2	.3	.5	.3	.2	.2	.0	.3	1.6	1.7	.6	.5	.2	.3	.0	.0	.1	.3	.6	.6
205.	.2	.3	.5	.3	.2	.2	.0	.4	1.7	1.5	.6	.4	.2	.3	.0	.1	.2	.3	.5	.6

1

JOB: S7 B1 PM 355 Montgomery Village

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.6	.3	.2	.2	.0	.5	1.8	1.2	.5	.3	.2	.3	.0	.0	.1	.3	.6	.6
215.	.3	.3	.6	.3	.2	.2	.1	.5	1.4	1.1	.5	.2	.2	.3	.0	.0	.1	.2	.6	.5
220.	.3	.3	.6	.3	.3	.1	.1	.6	1.2	.8	.4	.3	.2	.3	.0	.0	.0	.2	.4	.4
225.	.3	.3	.7	.3	.4	.3	.2	.5	.8	.7	.4	.3	.2	.3	.0	.0	.0	.2	.4	.3
230.	.3	.3	.7	.4	.4	.3	.3	.4	.5	.4	.3	.3	.2	.3	.0	.0	.0	.0	.3	.3
235.	.3	.3	.7	.5	.4	.5	.4	.3	.2	.3	.3	.2	.3	.3	.0	.0	.0	.0	.2	.3
240.	.3	.3	.8	.5	.4	.5	.5	.2	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.1	.2
245.	.3	.4	.9	.7	.5	.6	.6	.2	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.1	.2
250.	.3	.4	.9	.6	.4	.7	.5	.1	.0	.1	.1	.1	.3	.3	.0	.0	.0	.0	.1	.2
255.	.3	.4	1.1	.6	.3	.8	.6	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
260.	.3	.5	1.2	.5	.4	.9	.5	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
265.	.3	.7	1.2	.4	.4	.9	.5	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
270.	.3	.8	1.2	.2	.5	1.0	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
275.	.3	.9	1.1	.3	.6	1.0	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
280.	.3	1.0	.9	.4	.8	.9	.2	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
285.	.3	.8	.7	.3	.8	.8	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.4	.7	.7	.3	.9	.7	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.4	.6	.3	.3	.9	.6	.2	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
300.	.3	.6	.3	.3	1.0	.5	.2	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
305.	.4	.4	.3	.4	1.1	.4	.2	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0
310.	.5	.3	.2	.5	1.1	.3	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0
315.	.3	.3	.3	.5	1.1	.2	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
320.	.1	.2	.3	.6	1.0	.2	.2	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.0	.0	.0
325.	.1	.2	.4	.7	.8	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
330.	.1	.3	.5	.8	.8	.2	.2	.0	.0	.0	.0	.0	.1	.0	.3	.2	.2	.2	.0	.0
335.	.1	.3	.5	.8	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.1	.0
340.	.1	.2	.5	.8	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.1	.0
345.	.0	.2	.3	.7	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0
350.	.0	.1	.3	.6	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0
355.	.0	.2	.3	.6	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0

360.	*	.0	.1	.2	.5	.2	.2	.2	.0	.0	S7B115PM.OUT	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
MAX	*	.5	1.0	1.2	.8	1.1	1.0	.6	.6	1.8	2.4	1.5	.6	.7	.3	.4	.6	.8	1.1	.9	1.0
DEGR.	*	310	280	260	330	305	270	245	220	210	165	115	95	170	140	95	80	80	60	115	90

1

JOB: S7 B1 PM 355 Montgomery Village

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.9	1.4	.8	1.0	.9	.2
5.	*	.0	.3	1.0	1.4	.9	1.0	.7	.2
10.	*	.0	.3	1.2	1.5	.8	.9	.7	.2
15.	*	.0	.4	1.2	1.4	.9	1.0	.6	.2
20.	*	.0	.5	1.2	1.3	.9	.9	.4	.2
25.	*	.0	.5	1.3	1.1	.9	.9	.4	.2
30.	*	.1	.5	1.1	1.3	1.0	.7	.4	.2
35.	*	.2	.5	.9	1.0	1.0	.7	.3	.2
40.	*	.4	.3	.8	.9	.9	.8	.3	.2
45.	*	.4	.3	.6	.8	.8	.7	.3	.2
50.	*	.6	.3	.6	.5	.8	.7	.3	.2
55.	*	.7	.1	.3	.3	.7	.5	.2	.2
60.	*	.7	.0	.2	.3	.7	.5	.2	.2
65.	*	.5	.0	.2	.3	.6	.5	.2	.2
70.	*	.6	.0	.2	.2	.6	.4	.2	.1
75.	*	.6	.0	.1	.2	.6	.4	.2	.1
80.	*	.5	.0	.0	.2	.6	.4	.2	.1
85.	*	.4	.0	.0	.2	.6	.3	.2	.1
90.	*	.4	.0	.0	.1	.6	.4	.3	.1
95.	*	.4	.0	.0	.0	.5	.4	.3	.2
100.	*	.3	.0	.0	.0	.5	.4	.4	.2
105.	*	.3	.0	.0	.0	.4	.4	.4	.2
110.	*	.3	.0	.0	.0	.2	.4	.4	.2
115.	*	.3	.0	.0	.0	.2	.4	.3	.2
120.	*	.3	.0	.0	.0	.1	.3	.3	.2
125.	*	.4	.0	.0	.0	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.2	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.4	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.5	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 B1 PM 355 Montgomery Village

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.0	.1	.0	.0	.0	.0
215.	*	.3	.1	.2	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.2	.3	.3	.3	.0	.0	.0	.0
230.	*	.1	.3	.4	.5	.1	.0	.0	.0
235.	*	.1	.3	.4	.5	.4	.0	.0	.0
240.	*	.0	.4	.4	.7	.4	.0	.0	.0
245.	*	.0	.4	.4	.8	.3	.0	.0	.0
250.	*	.0	.4	.4	.7	.5	.0	.0	.0
255.	*	.0	.3	.5	.8	.6	.1	.0	.0
260.	*	.0	.3	.4	.9	.7	.2	.0	.0
265.	*	.0	.3	.4	1.0	.9	.4	.0	.0
270.	*	.0	.3	.4	1.0	.9	.5	.1	.0
275.	*	.0	.3	.4	1.1	1.1	.5	.1	.0
280.	*	.0	.3	.5	1.1	1.1	.5	.3	.0
285.	*	.0	.3	.5	1.1	1.1	.5	.3	.0
290.	*	.0	.3	.4	1.1	1.0	.6	.3	.0
295.	*	.0	.3	.4	.9	1.0	.6	.3	.0
300.	*	.0	.3	.4	.9	.9	.6	.2	.1
305.	*	.0	.3	.4	.9	.9	.5	.3	.1
310.	*	.0	.3	.5	1.1	.9	.6	.2	.1
315.	*	.0	.3	.5	1.1	.9	.4	.2	.1
320.	*	.0	.3	.5	1.1	.9	.4	.2	.2
325.	*	.0	.3	.5	1.0	1.0	.2	.3	.3
330.	*	.0	.3	.6	1.0	.9	.4	.6	.5
335.	*	.0	.3	.6	1.0	.8	.5	.7	.5
340.	*	.0	.4	.7	1.2	.8	.5	.8	.3
345.	*	.0	.3	.8	1.2	.8	.9	.9	.3
350.	*	.0	.3	.9	1.4	.8	.9	.9	.3
355.	*	.0	.3	.9	1.4	.7	1.0	.9	.3
360.	*	.0	.3	.9	1.4	.8	1.0	.9	.2

```

-----*-----
MAX * .7 .5 1.3 1.5 1.1 1.0 .9 .5
DEGR. * 55 20 25 10 275 0 0 330

```

THE HIGHEST CONCENTRATION IS 2.40 PPM AT 165 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.80 PPM AT 210 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 115 DEGREES FROM REC11.

1

JOB: S7 B1 PM 355 Montgomery Village
 DATE: 12/25/2006 TIME: 00:44:30.80

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 310	REC2 280	REC3 260	REC4 330	REC5 305	REC6 270	REC7 245	REC8 220	REC9 210	REC10 165	REC11 115	REC12 95	REC13 170	REC14 140	REC15 95	REC16 80	REC17 80	REC18 60	REC19 115	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.3	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.1	.0	.0	.7	.9	.8	.3	.3	1.3	2.0	1.2	.5	.0	.1	.1	.2	.4	.4	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.3
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.3
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0

1

JOB: S7 B1 PM 355 Montgomery Village
 DATE: 12/25/2006 TIME: 00:44:30.80

RUN: S7 B1 PM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 20	REC23 25	REC24 10	REC25 275	REC26 0	REC27 0	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.1	.1
4	.0	.0	.0	.0	.0	.3	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.1	.1	.0
10	.0	.0	.0	.0	.0	.1	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.1	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.1	.0	.2	.1	.0	.3	.2	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.1	.1	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.2	.0	.0	.0	.0	.0	.0
33	*	.1	.1	.2	.2	.1	.0	.0	.0
34	*	.1	.1	.6	.6	.4	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.1	.2	.1	.0	.0	.0
37	*	.0	.0	.1	.1	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.1	.0	.0	.0
40	*	.0	.0	.0	.1	.3	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.1	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0

S7B115PM.OUT

S7B215AM.dat

S7 B2 AM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corne	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 B2 AM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	1500	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	525	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	525	3.1	0.56.0	30.
0							
140	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
		115	3.0 525 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	575	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	575	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
140		130	3.0 1 33.4 1583 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	575	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	400	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
140		115	3.0 400 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1175	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1175	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	775	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
140		103	3.0 775 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	575	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
140		103	3.0 575 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	350	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	350	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130		110	3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1700	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1700	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1875	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	400	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	400	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130		76	2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1550	3.1	0.68.	30.
2							
140	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
		77	2.0 1550 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1550	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2425	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2425	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	1975	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	1975	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	500	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7B215AM.dat

	140	53	2.0	500	33.4	1602	2	3	
1									
33	EB124	L	AG251909.540942.252199.541216.		375	3.1	0.	40.	30.
2									
34	EB124	L	AG252142.541162.252051.541076.		0.20	0	2		
140	115		2.0	375	33.4	1717	2	3	
1									
35	EB124	R	AG251949.540907.252119.541075.		1100	3.1	0.30	0	30.
1									
36	EB124	R	AG252119.541075.252156.541093.		1100	3.1	0.	30.	30.
1									
37	EB124	R	AG252156.541093.252267.541096.		1100	3.1	0.	30.	30.
2									
27	EB124	R	AG252229.541095.252164.541093.		0.	10.	1		
140	53		2.0	1100	33.4	1583	3	3	
1									
41	EB124	DEP	AG252210.541203.252343.541322.		1650	3.1	0.	60.	30.
1									
42	EB124	DEP	AG252343.541322.252953.541871.		1650	3.1	0.	60.	30.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S7 B2 AM 355 Montgomery Village
DATE: 12/26/2006 TIME: 23:56:51.71

RUN: S7 B2 AM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1500.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	525.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	525.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252325.0	541089.5	*	110.	137. AG	221.	100.0	.0	36.0	.74 5.6
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	575.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	575.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	83.	100.0	.0	12.0	.02 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	575.	3.1	.0	32.0	
9. 7	NB355 Thru*	252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	400.	3.1	.0	44.0	
10. 7	NB355 THRU*	252259.0	541181.0	252348.2	541091.4	*	126.	135. AG	147.	100.0	.0	24.0	.79 6.4
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1175.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1175.	3.1	.0	50.0	
13. 14	NB355 Thru*	251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	775.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252029.7	541347.1	*	145.	317. AG	198.	100.0	.0	36.0	.67 7.4
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	575.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	250527.8	542848.3	*	2266.	315. AG	66.	100.0	.0	12.0	1.47 115.1
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	350.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	350.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1700.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1700.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1875.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	400.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	400.	3.1	.0	30.0	
25. 27	WB124 R	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1550.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252362.8	541432.4	*	163.	47. AG	590.	100.0	.0	48.0	.57 8.3
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1550.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2425.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2425.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	1975.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	1975.	3.1	.0	30.0	
33. 31	EB124 THRU*	251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	500.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252125.0	541120.8	*	36.	226. AG	136.	100.0	.0	48.0	.13 1.8
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	375.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252056.5	541081.2	*	118.	227. AG	147.	100.0	.0	20.0	.73 6.0
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1100.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1100.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1100.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	250141.9	541030.9	*	2088.	268. AG	34.	100.0	.0	10.0	1.17 106.1
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1650.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1650.	3.1	.0	60.0	

JOB: S7 B2 AM 355 Montgomery Village
DATE: 12/26/2006 TIME: 23:56:51.71

RUN: S7 B2 AM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 140	115	3.0	525	1663	33.40	2	3
7. 5	NB 355 RQ	* 140	130	3.0	1	1583	33.40	2	3
10. 7	NB355 THRU*	140	115	3.0	400	1770	33.40	2	3
14. 14	SB355 TQ	* 140	103	3.0	775	1695	33.40	2	3
16. 17	SB 355 LQ	* 140	103	3.0	575	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 140	77	2.0	1550	1602	100.00	2	3
34. 31	EB124 T	* 140	53	2.0	500	1602	33.40	2	3
36. 34	EB124 L	* 140	115	2.0	375	1717	33.40	2	3
40. 27	EB124 R	* 140	53	2.0	1100	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B215AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B2 AM 355 Montgomery Village

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.7	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.2	.0
5.	.0	.0	.2	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.2	.0
10.	.0	.0	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.0
15.	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1
20.	.0	.0	.1	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.2	.4	.4	.2	.1
25.	.0	.0	.1	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.2	.1
30.	.0	.0	.1	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.2	.1
35.	.0	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.3	.2
40.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.2	.0	.0	.0	.0	.4	.3	.6	.5	.4	.3
45.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.4	.3	.7	.6	.6	.4
50.	.0	.0	.0	.0	.1	.1	.1	.3	.1	.3	.1	.0	.0	.0	.4	.3	.7	.8	.6	.6
55.	.0	.0	.0	.0	.1	.1	.1	.4	.2	.7	.2	.0	.0	.0	.4	.2	.8	.8	.7	.6
60.	.0	.0	.0	.0	.0	.0	.1	.4	.3	.9	.4	.0	.0	.0	.4	.2	.9	1.0	.7	.4
65.	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.1	.6	.0	.0	.0	.4	.3	1.1	1.0	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.3	.7	.1	.0	.0	.4	.3	1.2	.8	.3	.5
75.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.5	.9	.3	.0	.0	.4	.4	1.3	.6	.3	.5
80.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.6	1.0	.4	.1	.0	.4	.4	1.3	.6	.2	.5
85.	.0	.0	.0	.0	.0	.0	.0	.3	.3	1.8	1.1	.5	.1	.0	.4	.7	1.2	.4	.4	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.3	1.8	1.2	.5	.2	.0	.5	.7	1.1	.2	.6	.6
95.	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.8	1.2	.6	.2	.0	.5	.8	1.0	.2	.7	.6
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.8	1.1	.6	.3	.0	.5	.7	.9	.4	.7	.5
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.1	.6	.3	.1	.5	.7	.6	.4	.6	.5
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.7	1.0	.6	.3	.1	.5	.7	.8	.4	.7	.5
115.	.0	.0	.0	.0	.0	.0	.0	.2	.3	1.7	1.0	.5	.3	.1	.4	.6	.8	.4	.6	.4
120.	.0	.0	.0	.0	.0	.0	.0	.2	.3	1.6	1.0	.4	.3	.2	.5	.7	.8	.4	.5	.3
125.	.0	.0	.0	.0	.0	.0	.0	.2	.4	1.6	1.0	.3	.2	.2	.5	.7	.5	.5	.5	.3
130.	.1	.0	.0	.0	.0	.0	.0	.2	.5	1.7	.9	.2	.1	.2	.4	.7	.4	.4	.5	.3
135.	.1	.0	.0	.0	.0	.0	.0	.2	.7	1.6	.8	.3	.2	.2	.4	.4	.3	.4	.3	.3
140.	.1	.1	.1	.0	.0	.0	.0	.2	.8	1.6	.6	.4	.4	.3	.3	.3	.4	.4	.3	.3
145.	.2	.2	.2	.1	.0	.0	.0	.2	1.0	1.7	.8	.4	.5	.3	.1	.3	.2	.2	.3	.3
150.	.3	.2	.2	.1	.0	.0	.0	.2	1.1	1.6	.7	.3	.4	.3	.1	.2	.2	.2	.3	.3
155.	.3	.2	.2	.1	.0	.0	.0	.2	1.3	1.7	.6	.4	.5	.4	.0	.2	.2	.2	.3	.3
160.	.3	.2	.2	.1	.1	.0	.0	.2	1.4	1.7	.6	.4	.6	.3	.0	.1	.2	.2	.3	.3
165.	.3	.2	.2	.1	.1	.0	.0	.3	1.5	2.0	.4	.3	.6	.3	.0	.1	.2	.2	.2	.3
170.	.2	.2	.2	.1	.1	.0	.0	.3	1.6	2.0	.3	.5	.5	.3	.0	.1	.1	.2	.2	.3
175.	.2	.2	.2	.2	.1	.0	.0	.3	1.5	2.0	.3	.6	.5	.3	.0	.1	.1	.2	.2	.3
180.	.2	.2	.2	.3	.1	.0	.0	.3	1.7	2.0	.1	.7	.5	.3	.0	.1	.1	.2	.2	.3
185.	.2	.2	.2	.4	.1	.0	.0	.3	1.8	1.8	.3	.6	.4	.3	.0	.1	.1	.2	.2	.3
190.	.2	.2	.2	.4	.3	.0	.0	.3	2.0	1.7	.3	.6	.4	.3	.0	.1	.1	.2	.2	.4
195.	.2	.2	.2	.6	.3	.0	.0	.3	2.0	1.4	.4	.6	.3	.3	.0	.0	.1	.2	.3	.5
200.	.2	.2	.1	.6	.3	.1	.0	.4	1.9	1.2	.4	.6	.2	.3	.0	.0	.1	.2	.3	.5
205.	.2	.2	.1	.5	.3	.2	.0	.4	1.7	1.0	.4	.6	.2	.3	.0	.0	.2	.2	.4	.6

1

JOB: S7 B2 AM 355 Montgomery Village

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.1	.6	.3	.2	.0	.6	1.6	.8	.3	.5	.2	.3	.0	.0	.1	.2	.5	.5
215.	.2	.2	.1	.6	.2	.2	.0	.7	1.4	.7	.4	.4	.2	.3	.0	.0	.1	.2	.3	.4
220.	.2	.2	.2	.6	.2	.2	.1	.6	1.1	.6	.4	.4	.2	.3	.0	.0	.0	.2	.3	.4
225.	.2	.2	.3	.6	.2	.1	.2	.6	.8	.4	.4	.4	.2	.3	.0	.0	.0	.1	.3	.3
230.	.2	.2	.3	.6	.2	.2	.2	.5	.6	.4	.4	.3	.2	.3	.0	.0	.0	.0	.2	.3
235.	.2	.2	.4	.5	.3	.3	.4	.4	.3	.2	.4	.3	.3	.3	.0	.0	.0	.0	.1	.2
240.	.2	.1	.5	.4	.2	.4	.6	.4	.2	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.1
245.	.2	.1	.5	.6	.2	.4	.6	.2	.1	.1	.4	.2	.3	.3	.0	.0	.0	.0	.0	.1
250.	.2	.2	.6	.5	.2	.6	.6	.1	.1	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
255.	.2	.2	.6	.6	.3	.7	.6	.1	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.1	.1
260.	.2	.2	.8	.5	.3	.8	.5	.1	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.0	.1
265.	.2	.2	1.0	.2	.3	.9	.4	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.1
270.	.2	.3	.9	.4	.5	1.0	.4	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
275.	.2	.4	.9	.4	.5	1.0	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.1
280.	.2	.4	.8	.4	.6	1.0	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	.2	.5	.7	.3	.7	1.0	.3	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	.2	.5	.5	.4	.8	1.0	.2	.0	.0	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0
295.	.2	.7	.5	.4	.9	.9	.2	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
300.	.2	.5	.4	.5	1.0	.9	.2	.0	.0	.1	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
305.	.3	.4	.4	.5	1.0	.8	.2	.0	.0	.0	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0
310.	.3	.5	.3	.6	1.0	.7	.2	.0	.0	.0	.2	.2	.3	.3	.3	.2	.1	.0	.0	.0
315.	.2	.4	.3	.6	1.1	.6	.2	.0	.0	.0	.0	.2	.2	.2	.3	.2	.2	.1	.0	.0
320.	.1	.2	.3	.7	1.0	.5	.2	.0	.0	.0	.0	.1	.1	.1	.4	.2	.2	.1	.1	.0
325.	.1	.2	.3	.8	1.0	.4	.2	.0	.0	.0	.0	.0	.1	.1	.4	.4	.3	.2	.1	.0
330.	.1	.2	.3	.8	.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.2	.1	.0
335.	.1	.3	.3	.9	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.6	.4	.3	.3	.1	.0
340.	.1	.2	.4	.9	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.1	.0
345.	.1	.2	.4	.9	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0
350.	.0	.2	.3	.8	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0
355.	.0	.1	.3	.8	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.2	.0

360.	*	.0	.1	.2	.7	.5	.3	.3	.0	.0	S7B215AM.OUT										.0	.0	.0	.0	.4	.3	.4	.3	.2	.0
MAX	*	.3	.7	1.0	.9	1.1	1.0	.6	.7	2.0	2.0	1.2	.7	.6	.4	.6	.8	1.3	1.0	.7	.6									
DEGR.	*	150	295	265	335	315	270	240	215	190	165	90	180	160	155	330	95	75	60	95	50									

1

JOB: S7 B2 AM 355 Montgomery Village

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.4	.6	.4	1.1	.6	.2
5.	*	.0	.3	.5	.6	.6	1.1	.6	.2
10.	*	.0	.2	.5	.7	.8	1.1	.5	.2
15.	*	.0	.2	.7	.6	.8	1.0	.4	.2
20.	*	.0	.2	.7	.6	.9	1.0	.2	.1
25.	*	.0	.3	.6	.7	1.0	1.0	.2	.1
30.	*	.1	.3	.5	.8	.9	.8	.2	.1
35.	*	.2	.2	.5	.7	.9	.8	.2	.1
40.	*	.5	.2	.5	.7	.8	.7	.2	.1
45.	*	.4	.1	.4	.6	.7	.6	.2	.1
50.	*	.4	.1	.3	.6	.8	.5	.2	.1
55.	*	.5	.0	.3	.4	.8	.4	.2	.1
60.	*	.5	.0	.3	.5	.8	.4	.2	.1
65.	*	.3	.0	.3	.4	.8	.4	.2	.1
70.	*	.4	.0	.1	.3	.8	.2	.2	.1
75.	*	.4	.0	.1	.3	.7	.2	.2	.2
80.	*	.3	.0	.0	.3	.6	.2	.2	.2
85.	*	.3	.0	.0	.2	.6	.2	.2	.2
90.	*	.3	.0	.1	.1	.4	.2	.2	.2
95.	*	.3	.0	.1	.1	.4	.2	.2	.2
100.	*	.3	.0	.1	.1	.3	.2	.2	.2
105.	*	.3	.0	.1	.1	.2	.3	.3	.3
110.	*	.3	.0	.1	.1	.3	.3	.3	.3
115.	*	.3	.0	.0	.1	.2	.3	.3	.3
120.	*	.3	.0	.0	.1	.2	.3	.3	.3
125.	*	.3	.0	.0	.1	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.3	.3	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.1	.0	.0	.0	.0
205.	*	.4	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 B2 AM 355 Montgomery Village

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.2	.2	.4	.3	.0	.0	.0	.0
230.	*	.1	.2	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.2	.0	.0	.0
240.	*	.0	.3	.4	.3	.2	.0	.0	.0
245.	*	.0	.3	.4	.4	.1	.0	.0	.0
250.	*	.0	.3	.3	.3	.3	.0	.0	.0
255.	*	.0	.3	.4	.3	.4	.0	.0	.0
260.	*	.0	.3	.3	.3	.3	.0	.0	.0
265.	*	.0	.3	.3	.3	.4	.1	.0	.0
270.	*	.0	.3	.2	.3	.5	.2	.0	.0
275.	*	.0	.3	.2	.3	.5	.2	.0	.0
280.	*	.0	.3	.2	.3	.5	.3	.0	.0
285.	*	.0	.2	.2	.3	.6	.3	.0	.0
290.	*	.0	.2	.2	.3	.7	.3	.1	.0
295.	*	.0	.2	.2	.4	.7	.4	.2	.0
300.	*	.0	.2	.2	.4	.6	.4	.2	.0
305.	*	.0	.2	.2	.4	.6	.4	.2	.0
310.	*	.0	.2	.2	.4	.5	.6	.2	.1
315.	*	.0	.2	.2	.5	.7	.6	.4	.1
320.	*	.0	.2	.2	.5	.7	.6	.5	.1
325.	*	.0	.2	.2	.5	.7	.5	.6	.3
330.	*	.0	.2	.2	.5	.8	.6	.7	.4
335.	*	.0	.2	.2	.6	.6	.6	.7	.4
340.	*	.0	.2	.2	.6	.6	.6	.7	.3
345.	*	.0	.3	.2	.6	.5	.6	.8	.3
350.	*	.0	.3	.2	.5	.4	.8	.8	.3
355.	*	.0	.3	.4	.5	.4	.8	.7	.3
360.	*	.0	.3	.4	.6	.4	1.1	.6	.2

```

-----*-----
MAX * .5 .3 .7 .8 1.0 1.1 .8
DEGR. * 40 0 15 30 25 0 345 330

```

THE HIGHEST CONCENTRATION IS 2.00 PPM AT 190 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 2.00 PPM AT 165 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 75 DEGREES FROM REC17.

1

JOB: S7 B2 AM 355 Montgomery Village
 DATE: 12/26/2006 TIME: 23:56:51.71

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 150	REC2 295	REC3 265	REC4 335	REC5 315	REC6 270	REC7 240	REC8 215	REC9 190	REC10 165	REC11 90	REC12 180	REC13 160	REC14 155	REC15 330	REC16 95	REC17 75	REC18 60	REC19 95	REC20 50
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.2	.1	.0	.2	.5	.3	.0	.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
22	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1
27	.0	.0	.0	.6	.8	.7	.3	.3	1.6	1.5	1.0	.0	.0	.0	.0	.3	.4	.4	.0	.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

JOB: S7 B2 AM 355 Montgomery Village
 DATE: 12/26/2006 TIME: 23:56:51.71

RUN: S7 B2 AM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 40	REC22 0	REC23 15	REC24 30	REC25 25	REC26 0	REC27 345	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.1	.4	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.2	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.1	.0	.1	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.3	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.0	.0	.0
27	.1	.0	.1	.3	.3	.3	.2	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.2	.1	.1	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.2	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.1	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.2	.1	.0	.0	.0
37	*	.0	.0	.2	.1	.0	.0	.0
38	*	.0	.0	.0	.1	.0	.0	.0
39	*	.0	.0	.0	.0	.1	.0	.0
40	*	.0	.0	.0	.0	.1	.0	.0
41	*	.0	.0	.0	.0	.1	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0

S7B215AM.OUT

S7B215PM.DAT

S7 B2 PM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corner	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 B2 PM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	2025	3.1	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	1000	3.1	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	1000	3.1	0.56.0	30.
0							
110	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
		73	3.0 1000 33.4 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	75	3.1	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	75	3.1	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
130		130	3.0 1 33.4 1750 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	75	3.1	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	950	3.1	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
110		71	3.0 950 33.4 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1800	3.1	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1800	3.1	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	575	3.1	0.50.0	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
110		71	3.0 575 33.4 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	425	3.1	0.30.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1	
110		73	3.0 425 33.4 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	450	3.1	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	450	3.1	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
130		110	3.0 1 33.4 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1450	3.1	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1450	3.1	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1200	3.1	0.50.0	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	575	3.1	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	575	3.1	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
130		76	2.0 1 33.4 1750 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1100	3.1	0.68.	30.
2							
110	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
		81	2.0 1100 100.0 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1100	3.1	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2550	3.1	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2550	3.1	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	2800	3.1	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	2800	3.1	0.30.0	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	1900	3.1	0.50.0	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7B215PM.DAT

	110	67	2.0 1900	33.4 1602 2 3			
1							
33	EB124 L	AG251909.540942.252199.541216.	275 3.1	0. 40.	30.		
2							
34	EB124 L	AG252142.541162.252051.541076.	0.20.0	2			
110	95	2.0 275 33.4 1717 2 3					
1							
35	EB124 R	AG251949.540907.252119.541075.	625 3.1	0.30.0	30.		
1							
36	EB124 R	AG252119.541075.252156.541093.	625 3.1	0. 30.	30.		
1							
37	EB124 R	AG252156.541093.252267.541096.	625 3.1	0. 30.	30.		
2							
27	EB124 R	AG252229.541095.252164.541093.	0. 10.	1			
110	67	2.0 625 33.4 1583 3 3					
1							
41	EB124 DEP	AG252210.541203.252343.541322.	2400 3.1	0. 60.	30.		
1							
42	EB124 DEP	AG252343.541322.252953.541871.	2400 3.1	0. 60.	30.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S7 B2 PM 355 Montgomery Village
DATE: 12/26/2006 TIME: 23:59:16.16

RUN: S7 B2 PM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	2025.	3.1	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	1000.	3.1	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	1000.	3.1	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252340.6	541072.7	*	133.	137. AG	178.	100.0	.0	36.0	.69 6.8
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	75.	3.1	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	75.	3.1	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	90.	100.0	.0	12.0	-.01 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	75.	3.1	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	950.	3.1	.0	44.0	
10. 7	NB355 THRU	* 252259.0	541181.0	252394.8	541044.5	*	193.	135. AG	116.	100.0	.0	24.0	.87 9.8
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1800.	3.1	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1800.	3.1	.0	50.0	
13. 14	NB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	575.	3.1	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252078.3	541295.2	*	74.	317. AG	173.	100.0	.0	36.0	.37 3.8
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	425.	3.1	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252002.5	541388.2	*	191.	315. AG	59.	100.0	.0	12.0	.85 9.7
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	450.	3.1	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	450.	3.1	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	76.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1450.	3.1	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1450.	3.1	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1200.	3.1	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	575.	3.1	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	575.	3.1	.0	30.0	
25. 27	WB124 R	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	52.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1100.	3.1	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252332.6	541404.6	*	122.	47. AG	790.	100.0	.0	48.0	.76 6.2
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1100.	3.1	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2550.	3.1	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2550.	3.1	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2800.	3.1	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2800.	3.1	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	1900.	3.1	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252025.7	541024.4	*	175.	226. AG	218.	100.0	.0	48.0	.84 8.9
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	275.	3.1	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252085.7	541108.8	*	77.	227. AG	155.	100.0	.0	20.0	.80 3.9
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	625.	3.1	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	625.	3.1	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	625.	3.1	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	251242.1	541064.7	*	987.	268. AG	55.	100.0	.0	10.0	1.11 50.2
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2400.	3.1	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2400.	3.1	.0	60.0	

JOB: S7 B2 PM 355 Montgomery Village
DATE: 12/26/2006 TIME: 23:59:16.16

RUN: S7 B2 PM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 110	73	3.0	1000	1663	33.40	2	3
7. 5	NB 355 RQ	* 130	130	3.0	1	1750	33.40	2	3
10. 7	NB355 THRU	* 110	71	3.0	950	1770	33.40	2	3
14. 14	SB355 TQ	* 110	71	3.0	575	1695	33.40	2	3
16. 17	SB 355 LQ	* 110	73	3.0	425	1717	33.40	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	33.40	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	33.40	2	3
27. 0	WB124 T	* 110	81	2.0	1100	1602	100.00	2	3
34. 31	EB124 T	* 110	67	2.0	1900	1602	33.40	2	3
36. 34	EB124 L	* 110	95	2.0	275	1717	33.40	2	3
40. 27	EB124 R	* 110	67	2.0	625	1583	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B215PM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B2 PM 355 Montgomery Village

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
5.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
10.	*	.0	.1	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0
15.	*	.0	.1	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0
20.	*	.0	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.1	.0
25.	*	.0	.1	.1	.1	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.1	.0
30.	*	.0	.0	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.3	.0
35.	*	.0	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.4	.3	.2
40.	*	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.2	.5	.4	.3
45.	*	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.2	.1	.2	.6	.5	.4
50.	*	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.2	.7	.8	.6
55.	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.2	.0	.0	.0	.2	.1	.3	1.1	.8	.6
60.	*	.0	.0	.0	.0	.0	.1	.1	.3	.2	.5	.3	.0	.0	.0	.2	.1	.5	1.1	.7	.6
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.4	.1	.0	.0	.2	.2	.6	1.0	.7	.6
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.9	.6	.2	.0	.0	.2	.3	.6	1.0	.6	.7
75.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.1	.8	.2	.1	.0	.2	.6	.7	.8	.5	.6
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.3	1.0	.3	.1	.0	.2	.6	.8	.7	.4	.9
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	1.5	1.1	.4	.2	.0	.3	.6	.7	.4	.7	.9
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.6	1.3	.5	.2	.0	.3	.6	.6	.4	.7	1.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.8	1.4	.6	.3	.0	.4	.6	.8	.3	.7	.9
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	1.9	1.4	.6	.3	.0	.4	.5	.7	.3	.8	.7
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.0	1.5	.6	.4	.1	.5	.6	.7	.4	.9	.8
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.1	1.5	.6	.4	.1	.5	.5	.6	.6	.8	.8
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.1	1.5	.5	.4	.1	.4	.5	.5	.7	.9	.8
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.2	1.5	.5	.3	.2	.4	.4	.5	.7	.9	.8
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	2.2	1.3	.4	.3	.2	.3	.4	.6	.6	.8	.6
130.	*	.1	.0	.0	.0	.0	.0	.0	.2	.2	2.2	1.2	.3	.3	.2	.2	.3	.5	.5	.8	.6
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	2.3	1.0	.4	.2	.2	.1	.3	.4	.6	.8	.6
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	2.3	.9	.5	.3	.3	.1	.3	.3	.5	.7	.5
145.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	2.2	.9	.4	.2	.2	.2	.2	.4	.5	.7	.5
150.	*	.1	.2	.3	.0	.0	.0	.0	.2	.2	2.1	.8	.4	.3	.2	.1	.2	.3	.6	.7	.5
155.	*	.3	.3	.3	.1	.0	.0	.0	.2	.4	2.1	.8	.4	.5	.2	.0	.2	.4	.6	.7	.4
160.	*	.3	.3	.3	.3	.0	.0	.0	.2	.5	2.3	.7	.4	.6	.4	.0	.2	.4	.6	.7	.4
165.	*	.3	.3	.4	.4	.0	.0	.0	.2	.6	2.4	.5	.5	.6	.3	.0	.2	.4	.5	.6	.4
170.	*	.3	.3	.4	.4	.0	.0	.0	.2	.7	2.4	.5	.6	.7	.3	.0	.2	.3	.5	.6	.4
175.	*	.2	.3	.4	.4	.0	.0	.0	.2	.9	2.4	.3	.6	.6	.3	.0	.2	.3	.5	.6	.4
180.	*	.2	.3	.4	.4	.1	.0	.0	.2	1.4	2.4	.3	.7	.5	.3	.0	.1	.2	.5	.5	.4
185.	*	.2	.3	.5	.3	.2	.0	.0	.2	1.5	2.2	.5	.6	.5	.3	.0	.1	.2	.4	.6	.6
190.	*	.2	.3	.5	.3	.2	.0	.0	.2	1.6	2.0	.5	.6	.3	.3	.0	.1	.1	.4	.6	.5
195.	*	.2	.3	.5	.3	.2	.1	.0	.3	1.8	1.8	.6	.6	.3	.3	.0	.0	.1	.4	.5	.5
200.	*	.2	.3	.5	.3	.2	.2	.0	.4	1.8	1.7	.6	.5	.2	.3	.0	.0	.1	.3	.6	.6
205.	*	.2	.3	.5	.3	.2	.2	.0	.4	1.9	1.5	.6	.4	.2	.3	.0	.1	.2	.3	.5	.6

1

JOB: S7 B2 PM 355 Montgomery Village

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.6	.3	.2	.2	.0	.5	1.9	1.2	.5	.3	.2	.3	.0	.0	.1	.3	.6	.6
215.	*	.3	.3	.6	.3	.2	.2	.1	.5	1.5	1.1	.5	.2	.2	.3	.0	.0	.1	.2	.6	.5
220.	*	.3	.3	.6	.3	.3	.2	.1	.6	1.3	.8	.4	.3	.2	.3	.0	.0	.0	.2	.4	.4
225.	*	.3	.3	.7	.3	.4	.3	.2	.5	.9	.7	.4	.3	.2	.3	.0	.0	.0	.2	.4	.3
230.	*	.3	.3	.7	.4	.4	.4	.3	.5	.6	.4	.3	.3	.2	.3	.0	.0	.0	.0	.3	.3
235.	*	.3	.3	.7	.5	.4	.5	.4	.3	.3	.3	.3	.2	.3	.3	.0	.0	.0	.0	.2	.3
240.	*	.3	.3	.8	.5	.4	.5	.6	.2	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.1	.2
245.	*	.3	.4	.9	.7	.5	.6	.6	.2	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.1	.2
250.	*	.3	.4	.9	.6	.4	.7	.7	.1	.0	.1	.1	.1	.3	.3	.0	.0	.0	.0	.1	.2
255.	*	.3	.4	1.1	.6	.3	.8	.6	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
260.	*	.3	.5	1.2	.5	.4	.9	.6	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
265.	*	.3	.7	1.2	.4	.4	1.1	.5	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
270.	*	.3	.8	1.2	.2	.5	1.2	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
275.	*	.3	.9	1.1	.3	.6	1.2	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
280.	*	.3	1.0	.9	.4	.8	1.1	.3	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
285.	*	.3	.8	.7	.3	.8	1.1	.3	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
290.	*	.4	.7	.7	.3	.9	.9	.3	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	*	.4	.6	.3	.3	.9	.8	.3	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
300.	*	.3	.6	.3	.3	1.1	.7	.3	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
305.	*	.4	.4	.3	.4	1.2	.6	.3	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0
310.	*	.5	.3	.2	.5	1.2	.5	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0
315.	*	.3	.3	.3	.5	1.2	.4	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
320.	*	.1	.3	.3	.6	1.1	.3	.2	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.0	.0	.0
325.	*	.1	.3	.4	.7	.9	.3	.2	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
330.	*	.1	.3	.5	.8	.9	.3	.2	.0	.0	.0	.0	.0	.1	.0	.3	.2	.2	.2	.0	.0
335.	*	.1	.3	.5	.8	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.1	.0
340.	*	.1	.2	.5	.8	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.1	.0
345.	*	.0	.2	.4	.7	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0
350.	*	.0	.1	.3	.7	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0
355.	*	.0	.2	.3	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0

																		S7B215PM.OUT											
360.	*	.0	.1	.2	.5	.4	.3	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0									
MAX	*	.5	1.0	1.2	.8	1.2	1.2	.7	.6	1.9	2.4	1.5	.7	.7	.4	.5	.6	.8	1.1	.9	1.0								
DEGR.	*	310	280	260	330	305	270	250	220	205	165	115	180	170	160	105	75	80	55	115	90								

1

JOB: S7 B2 PM 355 Montgomery Village

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	1.0	1.4	.8	1.0	.9	.2
5.	*	.0	.3	1.0	1.4	.9	1.0	.8	.2
10.	*	.0	.3	1.2	1.5	.8	1.0	.7	.2
15.	*	.0	.4	1.2	1.4	.9	1.0	.7	.2
20.	*	.0	.5	1.2	1.3	1.0	.9	.4	.2
25.	*	.0	.5	1.3	1.2	.9	.9	.4	.2
30.	*	.1	.5	1.1	1.3	1.0	.7	.4	.2
35.	*	.3	.5	.9	1.1	1.1	.7	.3	.2
40.	*	.4	.3	.8	.9	1.0	.8	.3	.2
45.	*	.4	.3	.6	.8	.8	.7	.3	.2
50.	*	.6	.3	.6	.5	.8	.7	.3	.2
55.	*	.7	.1	.3	.3	.7	.5	.2	.2
60.	*	.7	.0	.2	.3	.7	.5	.2	.2
65.	*	.5	.0	.2	.3	.6	.5	.2	.2
70.	*	.6	.0	.2	.2	.6	.4	.2	.1
75.	*	.6	.0	.1	.2	.6	.4	.2	.1
80.	*	.5	.0	.0	.2	.6	.4	.2	.1
85.	*	.4	.0	.0	.2	.6	.3	.2	.1
90.	*	.4	.0	.0	.1	.6	.4	.3	.1
95.	*	.4	.0	.0	.0	.5	.4	.3	.2
100.	*	.3	.0	.0	.0	.5	.4	.4	.2
105.	*	.3	.0	.0	.0	.4	.4	.4	.2
110.	*	.3	.0	.0	.0	.2	.4	.4	.2
115.	*	.3	.0	.0	.0	.2	.4	.3	.2
120.	*	.3	.0	.0	.0	.1	.3	.3	.2
125.	*	.4	.0	.0	.0	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.2	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.4	.0	.0	.0	.0	.0	.0	.0
165.	*	.4	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.5	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 B2 PM 355 Montgomery Village

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.0	.1	.0	.0	.0	.0
215.	*	.3	.1	.2	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.2	.3	.3	.3	.0	.0	.0	.0
230.	*	.1	.3	.4	.5	.1	.0	.0	.0
235.	*	.1	.3	.4	.5	.4	.0	.0	.0
240.	*	.0	.4	.4	.7	.4	.0	.0	.0
245.	*	.0	.4	.4	.8	.3	.0	.0	.0
250.	*	.0	.4	.4	.8	.5	.0	.0	.0
255.	*	.0	.3	.5	.8	.6	.1	.0	.0
260.	*	.0	.3	.4	.9	.7	.2	.0	.0
265.	*	.0	.3	.4	1.0	.9	.4	.0	.0
270.	*	.0	.3	.4	1.1	.9	.5	.1	.0
275.	*	.0	.3	.4	1.1	1.1	.5	.1	.0
280.	*	.0	.3	.5	1.1	1.1	.5	.3	.0
285.	*	.0	.3	.5	1.1	1.1	.5	.3	.0
290.	*	.0	.3	.5	1.1	1.0	.6	.3	.0
295.	*	.0	.3	.4	1.0	1.0	.6	.3	.0
300.	*	.0	.3	.4	.9	.9	.6	.2	.1
305.	*	.0	.3	.5	.9	.9	.5	.3	.1
310.	*	.0	.3	.5	1.1	.9	.6	.2	.1
315.	*	.0	.3	.6	1.1	.9	.4	.2	.1
320.	*	.0	.3	.5	1.1	.9	.4	.2	.2
325.	*	.0	.3	.6	1.1	1.0	.2	.3	.3
330.	*	.0	.3	.6	1.0	.9	.4	.6	.5
335.	*	.0	.3	.7	1.0	.8	.5	.7	.5
340.	*	.0	.4	.7	1.2	.8	.5	.8	.3
345.	*	.0	.3	.9	1.2	.8	.9	.9	.3
350.	*	.0	.3	.9	1.4	.8	.9	.9	.3
355.	*	.0	.3	.9	1.4	.7	1.0	.9	.3
360.	*	.0	.3	1.0	1.4	.8	1.0	.9	.2

```

-----*-----
MAX * .7 .5 1.3 1.5 1.1 1.0 .9 .5
DEGR. * 55 20 25 10 275 0 0 330

```

THE HIGHEST CONCENTRATION IS 2.40 PPM AT 165 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.90 PPM AT 205 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 115 DEGREES FROM REC11.

1

JOB: S7 B2 PM 355 Montgomery Village
 DATE: 12/26/2006 TIME: 23:59:16.16

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 310	REC2 280	REC3 260	REC4 330	REC5 305	REC6 270	REC7 250	REC8 220	REC9 205	REC10 165	REC11 115	REC12 180	REC13 170	REC14 160	REC15 105	REC16 75	REC17 80	REC18 55	REC19 115	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.3	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
27	.1	.0	.0	.7	1.0	.9	.3	.3	1.5	2.0	1.2	.0	.0	.0	.2	.2	.4	.4	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.3	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0
34	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.3	.3	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
41	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0

1

JOB: S7 B2 PM 355 Montgomery Village
 DATE: 12/26/2006 TIME: 23:59:16.16

RUN: S7 B2 PM 355 & Montgomery Village

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 20	REC23 25	REC24 10	REC25 275	REC26 0	REC27 0	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.1	.1
4	.0	.0	.0	.0	.0	.3	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.1	.1	.0
10	.0	.0	.0	.0	.0	.1	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.1	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.1	.0	.2	.1	.0	.3	.2	.1
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.1	.1	.0	.0	.0	S7B215PM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.2	.2	.1	.0	.0	.0	
34	*	.1	.1	.6	.6	.4	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.2	.1	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.1	.3	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	

S7NB30AM.DAT

S7 NB30 AM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.				
REC 2	164'	SE Corner	252447.	541059.	5.				
REC 3	82'	SE Corner	252389.	541125.	5.				
REC 4		SE Corner	252352.	541210.	5.				
REC 5	82'	ES Corner	252381.	541289.	5.				
REC 6	164'	ES Corner	252440.	541354.	5.				
REC 7	400'	ES Corner	252614.	541514.	5.				
REC 8	400'	EN Corner	252529.	541615.	5.				
REC 9	164'	EN Corner	252336.	541468.	5.				
REC 10	82'	EN Corner	252268.	541404.	5.				
REC 11		NE Corner	252188.	541383.	5.				
REC 12	82'	EN Corner	252094.	541407.	5.				
REC 13	164'	EN Corne	252029.	541465.	5.				
14	400'	EN Corner	251875.	541630.	5.				
15	400'	NW Corner	251801.	541535.	5.				
REC 16	164'	NW Corne	251962.	541364.	5.				
REC 17	82'	NW Corner	252010.	541303.	5.				
REC 18		NW Corner	252037.	541231.	5.				
REC 19	82'	WN Corner	252012.	541165.	5.				
REC 20	164'	WN Corne	251951.	541107.	5.				
REC 21	400'	WN Corne	251785.	540934.	5.				
REC 22	400'	WS Corne	251882.	540819.	5.				
REC 23	164'	WS Corne	252050.	540989.	5.				
REC 24	82'	WS Corner	252107.	541046.	5.				
REC 25		SW Corner	252199.	541083.	5.				
REC 26	82'	SW Corner	252278.	541046.	5.				
REC 27	64'	SW Corner	252337.	540986.	5.				
REC 28	400'	SW Corne	252494.	540799.	5.				

S7 NB30 AM 355 & Montgomery Village	42	1	1

1									
1	NB 355	ALL	AG252908.540515.252647.540790.	1675	2.7	0.56.0	30.		
2									
1	NB355	Lt	AG252637.540781.252584.540811.	525	2.7	0.56.0	30.		
11									
2	NB355	Lt	AG252584.540811.252204.541220.	525	2.7	0.56.0	30.		
0									
130	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3			
			105 3.0 525 29.1 1663 2 3						
3									
1	NB355	Rt	AG252655.540797.252357.541114.	525	2.7	0.32.0	30.		
0									
2	NB355	Rt	AG252357.541114.252330.541193.	525	2.7	0.32.0	30.		
5									
130	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1				
			130 3.0 1 29.1 1750 2 3						
6									
1	NB355	Rt	AG252330.541193.252343.541322.	525	2.7	0.32.0	30.		
7									
2	NB355	Thru	AG252647.540790.252212.541230.	500	2.7	0.44.0	30.		
7									
130	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2			
			104 3.0 500 29.1 1770 2 3						
9									
1	NB355	DEP	AG252212.541230.252048.541400.	1425	2.7	0.50.	30.		
10									
1	NB355	DEP	AG252048.541400.251521.541953.	1425	2.7	0.50.	30.		
14									
2	SB355	Thru	AG251970.541410.252169.541199.	875	2.7	0.50.0	30.		
14									
130	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3			
			92 3.0 875 29.1 1695 2 3						
16									
2	SB355	Lt	AG252011.541380.252185.541208.	650	2.7	0.30.	30.		
17									
130	SB 355	LQ	AG252138.541254.252037.541354.	0.	12.	1			
			93 3.0 650 29.1 1717 3 3						
18									
1	SB 355	Rt	AG251988.541359.252064.541276.	450	2.7	0.30.	30.		
19									
2	SB355	Rt	AG252064.541276.252072.541195.	450	2.7	0.30.	30.		
20									
130	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1			
			110 3.0 1 29.1 1583 3 3						
0									
1	SB355	ALL	AG251967.541411.251749.541631.	1975	2.7	0.56.	30.		
0									
1	SB355	ALL	AG251749.541631.251489.541924.	1975	2.7	0.56.	30.		
22									
1	SB355	DEP	AG252169.541199.252867.540476.	2000	2.7	0.50.0	30.		
26									
1	WB124	R	AG252375.541467.252266.541367.	450	2.7	0.30.	30.		
27									
2	WB124	R	AG252266.541367.252098.541347.	450	2.7	0.30.	30.		
27									
130	WB124	R	AG252152.541353.252260.541366.	0.	10.	1			
			76 2.0 1 29.1 1750 2 3						
0									
2	WB124	T	AG252173.541258.252575.541627.	1525	2.7	0.68.	30.		
130									
82	WB124	T	AG252243.541322.252382.541450.	0.	48.	4			
			2.0 1525 29.1 1602 2 3						
0									
1	WB124	T	AG252577.541628.252910.541920.	1525	2.7	0.68.	30.		
0									
1	WB124	DP	AG251503.540503.251834.540947.	2500	2.7	0.56.	30.		
0									
1	WB124	DP	AG251834.540947.252171.541256.	2500	2.7	0.56.	30.		
29									
1	EB124	ALL	AG251547.540460.251656.540605.	2300	2.7	0.44.	30.		
30									
1	EB124	ALL	AG251656.540605.251927.540930.	2300	2.7	0.30.0	30.		
31									
2	EB124	THRU	AG251927.540930.252210.541203.	700	2.7	0.50.0	30.		
31									
4	EB124	T	AG252151.541146.252050.541048.	0.	48.	4			

S7NB30AM.DAT

	130	54	2.0	700	29.1	1602	2	3	
1									
33	EB124	L	AG251909.540942.252199.541216.		475	2.7	0.	40.	30.
2									
34	EB124	L	AG252142.541162.252051.541076.		0.20	0	2		
130	103		2.0	475	29.1	1717	2	3	
1									
35	EB124	R	AG251949.540907.252119.541075.		1125	2.7	0.30	0	30.
1									
36	EB124	R	AG252119.541075.252156.541093.		1125	2.7	0.	30.	30.
1									
37	EB124	R	AG252156.541093.252267.541096.		1125	2.7	0.	30.	30.
2									
27	EB124	R	AG252229.541095.252164.541093.		0.	10.	1		
130	54		2.0	1125	29.1	1583	3	3	
1									
41	EB124	DEP	AG252210.541203.252343.541322.		1975	2.7	0.	60.	30.
1									
42	EB124	DEP	AG252343.541322.252953.541871.		1975	2.7	0.	60.	30.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S7 NB30 AM 355 Montgomery Village
DATE: 12/18/2006 TIME: 14:19:39.70

RUN: S7 NB30 AM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1675.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	525.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	525.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252318.5	541096.5	*	100.	137. AG	189.	100.0	.0	36.0	.69 5.1
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	525.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	525.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.2	541186.3	*	1.	161. AG	78.	100.0	.0	12.0	-.01 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	525.	2.7	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	500.	2.7	.0	44.0	
10. 7	NB355 Thru	* 252259.0	541181.0	252368.6	541070.9	*	155.	135. AG	125.	100.0	.0	24.0	.88 7.9
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1425.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1425.	2.7	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	875.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252029.0	541347.9	*	146.	317. AG	166.	100.0	.0	36.0	.68 7.4
15. 16	SB355 Lt	* 252111.0	541380.0	252185.0	541208.0	*	245.	135. AG	650.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	250199.2	543173.6	*	2728.	315. AG	56.	100.0	.0	12.0	1.54 138.6
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	450.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	450.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252071.0	541213.6	*	1.	355. AG	66.	100.0	.0	12.0	.01 .0
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1975.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1975.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	2000.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	450.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	450.	2.7	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252152.4	541353.0	*	0.	81. AG	46.	100.0	.0	10.0	.00 .0
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1525.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252368.7	541437.7	*	171.	47. AG	197.	100.0	.0	48.0	.70 8.7
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1525.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2500.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2500.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2300.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2300.	2.7	.0	30.0	
33. 31	EB124 Thru	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	700.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252113.9	541110.0	*	52.	226. AG	130.	100.0	.0	48.0	.20 2.6
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	475.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252045.0	541070.3	*	133.	227. AG	124.	100.0	.0	20.0	.78 6.8
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1125.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1125.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1125.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	249262.5	541003.8	*	2968.	268. AG	32.	100.0	.0	10.0	1.28 150.8
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1975.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1975.	2.7	.0	60.0	

JOB: S7 NB30 AM 355 Montgomery Village
DATE: 12/18/2006 TIME: 14:19:39.70

RUN: S7 NB30 AM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 130	105	3.0	525	1663	29.10	2	3
7. 5	NB 355 RQ	* 130	130	3.0	1	1750	29.10	2	3
10. 7	NB355 Thru	* 130	104	3.0	500	1770	29.10	2	3
14. 14	SB355 TQ	* 130	92	3.0	875	1695	29.10	2	3
16. 17	SB 355 LQ	* 130	93	3.0	650	1717	29.10	3	3
19. 20	SB355 RQ	* 130	110	3.0	1	1583	29.10	3	3
25. 27	WB124 R	* 130	76	2.0	1	1750	29.10	2	3
27. 0	WB124 T	* 130	82	2.0	1525	1602	29.10	2	3
34. 31	EB124 T	* 130	54	2.0	700	1602	29.10	2	3
36. 34	EB124 L	* 130	103	2.0	475	1717	29.10	2	3
40. 27	EB124 R	* 130	54	2.0	1125	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7NB30AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 NB30 AM 355 Montgomery Village

RUN: S7 NB30 AM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
5.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.0
10.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
15.	*	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.1
20.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.4	.2	.1
25.	*	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.2	.1
30.	*	.0	.0	.1	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.2	.1
35.	*	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.2	.1
40.	*	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.4	.3	.6	.4	.3	.2
45.	*	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.4	.3	.6	.5	.4	.3
50.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.0	.0	.0	.0	.4	.3	.7	.6	.4	.3
55.	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.1	.0	.0	.0	.4	.2	.7	.6	.4	.4
60.	*	.0	.0	.0	.0	.0	.1	.1	.3	.2	.5	.3	.0	.0	.0	.4	.2	.8	.6	.5	.3
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.3	.0	.0	.0	.4	.2	.8	.5	.4	.2
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.4	.0	.0	.0	.4	.2	.9	.4	.2	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.0	.0	.4	.3	.9	.5	.2	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.5	.2	.0	.0	.4	.3	.9	.4	.2	.5
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.5	.3	.0	.0	.4	.5	.9	.2	.4	.5
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.3	.1	.0	.4	.5	.8	.2	.7	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.3	.1	.0	.4	.5	.8	.2	.7	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.4	.6	.7	.2	.7	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.2	.1	.0	.5	.5	.6	.4	.6	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.4	.2	.1	.0	.5	.6	.6	.4	.5	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.4	.1	.1	.1	.4	.6	.6	.4	.5	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.4	.1	.1	.1	.3	.5	.7	.3	.5	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.5	.1	.1	.1	.4	.6	.5	.5	.5	.3
130.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.7	.4	.0	.0	.1	.4	.4	.4	.4	.3	.3
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.5	.6	.4	.1	.1	.1	.4	.4	.3	.4	.3	.3
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	.5	.6	.3	.4	.2	.1	.2	.3	.3	.4	.3	.3
145.	*	.2	.1	.1	.0	.0	.0	.0	.2	.6	.7	.5	.3	.4	.2	.1	.2	.2	.3	.3	.3
150.	*	.2	.2	.1	.1	.0	.0	.0	.2	.6	.7	.6	.3	.4	.4	.1	.1	.2	.3	.3	.3
155.	*	.2	.2	.2	.1	.0	.0	.0	.2	.6	.7	.5	.3	.3	.5	.0	.1	.2	.2	.3	.3
160.	*	.3	.2	.2	.1	.1	.0	.0	.2	.7	.8	.5	.3	.5	.4	.0	.1	.2	.2	.3	.3
165.	*	.3	.2	.2	.2	.1	.0	.0	.2	.7	1.0	.4	.3	.6	.3	.0	.1	.2	.2	.3	.3
170.	*	.2	.2	.1	.2	.1	.0	.0	.2	.7	1.0	.3	.4	.5	.3	.0	.1	.2	.2	.2	.3
175.	*	.2	.1	.1	.2	.1	.0	.0	.2	.6	1.0	.2	.5	.5	.3	.0	.1	.1	.2	.2	.3
180.	*	.2	.1	.1	.2	.1	.0	.0	.2	.6	1.0	.2	.6	.4	.3	.0	.1	.1	.2	.2	.3
185.	*	.1	.1	.1	.3	.2	.0	.0	.3	.8	.8	.3	.5	.4	.3	.0	.1	.1	.1	.2	.3
190.	*	.1	.1	.2	.4	.2	.0	.0	.3	.9	.7	.2	.5	.4	.3	.0	.0	.1	.1	.2	.4
195.	*	.1	.1	.2	.4	.2	.0	.0	.3	.9	.6	.4	.5	.2	.3	.0	.0	.1	.1	.2	.4
200.	*	.1	.1	.2	.5	.2	.1	.0	.3	.7	.4	.4	.5	.2	.3	.0	.0	.1	.1	.2	.4
205.	*	.1	.1	.2	.5	.2	.2	.0	.3	.6	.5	.4	.5	.2	.3	.0	.0	.1	.1	.3	.5

1

JOB: S7 NB30 AM 355 Montgomery Village

RUN: S7 NB30 AM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.3	.5	.2	.2	.0	.4	.5	.4	.3	.4	.2	.3	.0	.0	.0	.2	.4	.5
215.	*	.1	.1	.3	.5	.2	.2	.0	.4	.6	.3	.3	.4	.2	.3	.0	.0	.0	.2	.3	.4
220.	*	.1	.1	.3	.5	.2	.2	.1	.3	.5	.4	.4	.4	.2	.3	.0	.0	.0	.2	.3	.4
225.	*	.1	.1	.3	.5	.2	.1	.1	.3	.5	.3	.4	.3	.2	.3	.0	.0	.0	.1	.2	.3
230.	*	.1	.1	.3	.4	.1	.1	.1	.3	.4	.2	.3	.3	.2	.3	.0	.0	.0	.0	.1	.3
235.	*	.1	.1	.4	.4	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.2
240.	*	.1	.1	.4	.4	.2	.3	.3	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.1
245.	*	.1	.1	.4	.5	.2	.3	.4	.1	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.1
250.	*	.1	.1	.5	.5	.2	.3	.4	.1	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.1
255.	*	.1	.1	.5	.5	.2	.5	.4	.1	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.1	.1
260.	*	.1	.1	.5	.3	.3	.5	.4	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.1
265.	*	.1	.2	.8	.1	.2	.6	.3	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.1
270.	*	.2	.2	.7	.2	.3	.5	.3	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.1
275.	*	.2	.3	.7	.3	.4	.6	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.1
280.	*	.2	.3	.7	.2	.4	.6	.3	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.2	.4	.5	.2	.3	.5	.3	.0	.0	.0	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0
290.	*	.3	.4	.5	.2	.4	.5	.3	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
295.	*	.3	.5	.3	.3	.4	.5	.2	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
300.	*	.3	.4	.4	.3	.4	.4	.2	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0	.0	.0	.0
305.	*	.2	.4	.4	.2	.4	.4	.2	.0	.0	.0	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0
310.	*	.1	.3	.1	.4	.5	.4	.2	.0	.0	.0	.2	.2	.3	.3	.3	.2	.1	.0	.0	.0
315.	*	.0	.2	.2	.3	.6	.4	.3	.0	.0	.0	.0	.2	.2	.2	.3	.2	.2	.1	.0	.0
320.	*	.0	.1	.2	.3	.5	.3	.3	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
325.	*	.0	.1	.2	.4	.5	.3	.3	.0	.0	.0	.0	.1	.1	.1	.4	.4	.3	.2	.1	.0
330.	*	.0	.1	.1	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.2	.1	.0
335.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.1	.0
340.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.1	.0
345.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.0
350.	*	.0	.1	.1	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.0	.0
355.	*	.0	.0	.1	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0

360.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	S7NB30AM.OUT	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0
MAX	*	.3	.5	.8	.5	.6	.6	.4	.4	.9	1.0	.6	.6	.6	.5	.5	.6	.9	.6	.7	.5	
DEGR.	*	160	295	265	200	315	265	245	210	190	165	150	180	165	155	105	100	70	50	90	80	

1

JOB: S7 NB30 AM 355 Montgomery Village

RUN: S7 NB30 AM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.5	.7	.3	.8	.6	.2
5.	*	.0	.3	.5	.7	.4	.7	.5	.2
10.	*	.0	.3	.7	.6	.5	.8	.3	.1
15.	*	.0	.2	.7	.6	.6	.8	.3	.1
20.	*	.0	.2	.7	.7	.7	.8	.3	.1
25.	*	.0	.2	.7	.5	.7	.8	.3	.1
30.	*	.1	.2	.6	.5	.8	.7	.2	.1
35.	*	.2	.1	.5	.4	.9	.7	.2	.1
40.	*	.2	.0	.5	.5	.7	.6	.2	.1
45.	*	.3	.0	.1	.6	.7	.5	.2	.1
50.	*	.3	.0	.2	.4	.6	.5	.2	.1
55.	*	.3	.0	.2	.4	.7	.4	.2	.1
60.	*	.3	.0	.3	.3	.7	.3	.2	.1
65.	*	.3	.0	.3	.3	.7	.3	.2	.1
70.	*	.3	.0	.1	.3	.7	.3	.2	.1
75.	*	.2	.0	.0	.3	.7	.3	.2	.1
80.	*	.3	.0	.0	.3	.5	.3	.2	.1
85.	*	.3	.0	.0	.1	.4	.2	.2	.1
90.	*	.3	.0	.0	.1	.4	.2	.2	.2
95.	*	.2	.0	.0	.1	.4	.2	.2	.2
100.	*	.3	.0	.1	.1	.3	.2	.2	.2
105.	*	.3	.0	.1	.1	.2	.2	.2	.3
110.	*	.3	.0	.0	.1	.2	.2	.3	.3
115.	*	.3	.0	.0	.1	.1	.3	.3	.3
120.	*	.3	.0	.0	.1	.1	.3	.3	.3
125.	*	.3	.0	.0	.1	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.3	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 NB30 AM 355 Montgomery Village

RUN: S7 NB30 AM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.1	.0	.0	.0	.0
225.	*	.1	.1	.2	.3	.0	.0	.0	.0
230.	*	.1	.3	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.0	.0	.0	.0
240.	*	.0	.3	.4	.3	.1	.0	.0	.0
245.	*	.0	.3	.4	.4	.1	.0	.0	.0
250.	*	.0	.3	.3	.4	.3	.0	.0	.0
255.	*	.0	.3	.3	.4	.3	.0	.0	.0
260.	*	.0	.3	.4	.4	.4	.0	.0	.0
265.	*	.0	.3	.3	.3	.4	.0	.0	.0
270.	*	.0	.3	.3	.4	.4	.2	.0	.0
275.	*	.0	.3	.3	.4	.6	.2	.0	.0
280.	*	.0	.3	.3	.4	.6	.3	.0	.0
285.	*	.0	.3	.3	.5	.6	.3	.0	.0
290.	*	.0	.3	.2	.4	.5	.4	.0	.0
295.	*	.0	.2	.2	.4	.5	.4	.0	.0
300.	*	.0	.2	.2	.4	.6	.4	.2	.0
305.	*	.0	.2	.2	.4	.6	.5	.1	.0
310.	*	.0	.2	.2	.5	.6	.5	.1	.1
315.	*	.0	.2	.2	.5	.7	.5	.4	.1
320.	*	.0	.2	.2	.4	.7	.5	.5	.1
325.	*	.0	.2	.2	.5	.7	.5	.5	.2
330.	*	.0	.2	.2	.5	.6	.4	.5	.2
335.	*	.0	.3	.2	.5	.5	.3	.6	.2
340.	*	.0	.2	.2	.5	.5	.3	.5	.2
345.	*	.0	.3	.2	.6	.5	.5	.6	.2
350.	*	.0	.3	.4	.7	.3	.6	.7	.2
355.	*	.0	.3	.5	.7	.3	.8	.6	.2
360.	*	.0	.3	.5	.7	.3	.8	.6	.2

```

-----*-----
MAX * .4 .3 .7 .9 .8 .7 .3
DEGR. * 180 0 10 0 35 0 350 105

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 165 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 70 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 35 DEGREES FROM REC25.

1

PAGE 7

JOB: S7 NB30 AM 355 Montgomery Village
 DATE: 12/18/2006 TIME: 14:19:39.70

RUN: S7 NB30 AM 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 160	REC2 295	REC3 265	REC4 200	REC5 315	REC6 265	REC7 245	REC8 210	REC9 190	REC10 165	REC11 150	REC12 180	REC13 165	REC14 155	REC15 105	REC16 100	REC17 70	REC18 50	REC19 90	REC20 80
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.0	.2	.4	.3	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
27	.0	.0	.0	.0	.3	.2	.1	.1	.6	.5	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

JOB: S7 NB30 AM 355 Montgomery Village
 DATE: 12/18/2006 TIME: 14:19:39.70

RUN: S7 NB30 AM 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 180	REC22 0	REC23 10	REC24 0	REC25 35	REC26 0	REC27 350	REC28 105
1	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.2	.3	.2	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.1	.2	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.2	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.1	.1	.1	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.3	.0	.0	.0	.0	.0	.0	.0

30	*	.0	.1	.1	.1	.0	.0	.0	.0	S7NB30AM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.2	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.1	.1	.0	.0	.0	.0	
34	*	.0	.0	.0	.1	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.2	.2	.0	.0	.0	.0	
37	*	.0	.0	.2	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.1	.0	.0	
42	*	.0	.0	.0	.0	.1	.0	.0	.0	

S7NB30PM.DAT

S7 NB30 PM 355 Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.		
REC 2	164'	SE Corner	252447.	541059.	5.		
REC 3	82'	SE Corner	252389.	541125.	5.		
REC 4		SE Corner	252352.	541210.	5.		
REC 5	82'	ES Corner	252381.	541289.	5.		
REC 6	164'	ES Corner	252440.	541354.	5.		
REC 7	400'	ES Corner	252614.	541514.	5.		
REC 8	400'	EN Corner	252529.	541615.	5.		
REC 9	164'	EN Corner	252336.	541468.	5.		
REC 10	82'	EN Corner	252268.	541404.	5.		
REC 11		NE Corner	252188.	541383.	5.		
REC 12	82'	EN Corne	252094.	541407.	5.		
REC 13	164'	EN Corne	252029.	541465.	5.		
14	400'	EN Corner	251875.	541630.	5.		
15	400'	NW Corner	251801.	541535.	5.		
REC 16	164'	NW Corne	251962.	541364.	5.		
REC 17	82'	NW Corner	252010.	541303.	5.		
REC 18		NW Corner	252037.	541231.	5.		
REC 19	82'	WN Corner	252012.	541165.	5.		
REC 20	164'	WN Corne	251951.	541107.	5.		
REC 21	400'	WN Corne	251785.	540934.	5.		
REC 22	400'	WS Corne	251882.	540819.	5.		
REC 23	164'	WS Corne	252050.	540989.	5.		
REC 24	82'	WS Corner	252107.	541046.	5.		
REC 25		SW Corner	252199.	541083.	5.		
REC 26	82'	SW Corner	252278.	541046.	5.		
REC 27	64'	SW Corner	252337.	540986.	5.		
REC 28	400'	SW Corne	252494.	540799.	5.		

S7 NB30 PM 355 & Montgomery Village	42	1	1

1							
1	NB 355	ALL	AG252908.540515.252647.540790.	2150	2.7	0.56.0	30.
2							
1	NB355	Lt	AG252637.540781.252584.540811.	1075	2.7	0.56.0	30.
11							
2	NB355	Lt	AG252584.540811.252204.541220.	1075	2.7	0.56.0	30.
0							
120	NB 355	LQ	AG252250.541170.252372.541039.	0.	36.	3	
		84	3.0 1075 29.1 1663 2 3				
1							
3	NB355	Rt	AG252655.540797.252357.541114.	75	2.7	0.32.0	30.
1							
0	NB355	Rt	AG252357.541114.252330.541193.	75	2.7	0.32.0	30.
2							
5	NB 355	RQ	AG252332.541187.252357.541115.	0.12.0	1		
120		1	3.0 75 29.1 1583 2 3				
1							
6	NB355	Rt	AG252330.541193.252343.541322.	75	2.7	0.32.0	30.
1							
7	NB355	Thru	AG252647.540790.252212.541230.	1000	2.7	0.44.0	30.
2							
7	NB355	THRU	AG252259.541181.252473.540966.	0.	24.	2	
120		82	3.0 1000 29.1 1770 2 3				
1							
9	NB355	DEP	AG252212.541230.252048.541400.	1850	2.7	0.50.	30.
1							
10	NB355	DEP	AG252048.541400.251521.541953.	1850	2.7	0.50.	30.
1							
14	SB355	Thru	AG251970.541410.252169.541199.	600	2.7	0.50.	30.
2							
14	SB355	TQ	AG252129.541241.252027.541350.	0.	36.	3	
120		86	3.0 600 29.1 1695 2 3				
1							
16	SB355	Lt	AG252011.541380.252185.541208.	425	2.7	0.44.	30.
2							
17	SB 355	LQ	AG252138.541254.252037.541354.	0.	24.	2	
120		89	3.0 425 29.1 1717 3 3				
1							
18	SB 355	Rt	AG251988.541359.252064.541276.	500	2.7	0.30.	30.
1							
19	SB355	Rt	AG252064.541276.252072.541195.	500	2.7	0.30.	30.
2							
20	SB355	RQ	AG252071.541213.252065.541272.	0.	12.	1	
120		1	3.0 500 29.1 1583 3 3				
1							
0	SB355	ALL	AG251967.541411.251749.541631.	1525	2.7	0.56.	30.
1							
0	SB355	ALL	AG251749.541631.251489.541924.	1525	2.7	0.56.	30.
1							
22	SB355	DEP	AG252169.541199.252867.540476.	1275	2.7	0.50.	30.
1							
26	WB124	R	AG252375.541467.252266.541367.	600	2.7	0.30.	30.
1							
27	WB124	R	AG252266.541367.252098.541347.	600	2.7	0.30.	30.
2							
27	WB124	R	AG252152.541353.252260.541366.	0.	10.	1	
120		1	2.0 600 29.1 1583 2 3				
1							
0	WB124	T	AG252173.541258.252575.541627.	1100	2.7	0.68.	30.
2							
120	WB124	T	AG252243.541322.252382.541450.	0.	48.	4	
		87	2.0 1100 29.1 1602 2 3				
1							
0	WB124	T	AG252577.541628.252910.541920.	1100	2.7	0.68.	30.
1							
0	WB124	DP	AG251503.540503.251834.540947.	2675	2.7	0.56.	30.
1							
0	WB124	DP	AG251834.540947.252171.541256.	2675	2.7	0.56.	30.
1							
29	EB124	ALL	AG251547.540460.251656.540605.	3050	2.7	0.44.	30.
1							
30	EB124	ALL	AG251656.540605.251927.540930.	3050	2.7	0.30.	30.
1							
31	EB124	THRU	AG251927.540930.252210.541203.	2125	2.7	0.50.	30.
2							
31	EB124	T	AG252151.541146.252050.541048.	0.	48.	4	

S7NB30PM.DAT

	120	72	2.0 2125	29.1 1602 2 3			
1							
33	EB124	L	AG251909.540942.252199.541216.	250 2.7	0. 40.	30.	
2							
34	EB124	L	AG252142.541162.252051.541076.	0.20.0	2		
	120	103	2.0 250 29.1 1717 2 3				
1							
35	EB124	R	AG251949.540907.252119.541075.	675 2.7	0. 30.	30.	
1							
36	EB124	R	AG252119.541075.252156.541093.	675 2.7	0. 30.	30.	
1							
37	EB124	R	AG252156.541093.252267.541096.	675 2.7	0. 30.	30.	
2							
27	EB124	R	AG252229.541095.252164.541093.	0. 10.	1		
	120	72	2.0 675 29.1 1583 3 3				
1							
41	EB124	DEP	AG252210.541203.252343.541322.	2625 2.7	0. 60.	30.	
1							
42	EB124	DEP	AG252343.541322.252953.541871.	2625 2.7	0. 60.	30.	
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S7 NB30 PM 355 Montgomery Village
DATE: 12/18/2006 TIME: 14:19:59.20

RUN: S7 NB30 PM 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	2150.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	1075.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	1075.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252363.5	541048.1	*	167.	137. AG	164.	100.0	.0	36.0	.83 8.5
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	75.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	75.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.1	541186.6	*	0.	162. AG	1.	100.0	.0	12.0	.05 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	75.	2.7	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	1000.	2.7	.0	44.0	
10. 7	NB355 Thru	* 252259.0	541181.0	252568.6	540869.9	*	439.	135. AG	107.	100.0	.0	24.0	1.03 22.3
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1850.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1850.	2.7	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	600.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252064.7	541309.7	*	94.	317. AG	168.	100.0	.0	36.0	.49 4.8
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	425.	2.7	.0	44.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252064.7	541326.6	*	103.	315. AG	116.	100.0	.0	24.0	.57 5.2
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	500.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	500.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252070.7	541215.7	*	3.	354. AG	1.	100.0	.0	12.0	.33 .1
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1525.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1525.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1275.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	600.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	600.	2.7	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252155.3	541353.4	*	3.	83. AG	1.	100.0	.0	10.0	.40 .2
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1100.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252339.2	541410.7	*	131.	47. AG	226.	100.0	.0	48.0	.71 6.6
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1100.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2675.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2675.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	3050.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	3050.	2.7	.0	30.0	
33. 31	EB124 Thru	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	2125.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	251987.9	540987.8	*	227.	226. AG	187.	100.0	.0	48.0	.90 11.5
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	250.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252090.8	541113.6	*	70.	227. AG	134.	100.0	.0	20.0	.67 3.6
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	675.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	675.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	675.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	250892.6	541053.9	*	1337.	268. AG	47.	100.0	.0	10.0	1.16 67.9
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2625.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2625.	2.7	.0	60.0	

JOB: S7 NB30 PM 355 Montgomery Village
DATE: 12/18/2006 TIME: 14:19:59.20

RUN: S7 NB30 PM 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 120	84	3.0	1075	1663	29.10	2	3
7. 5	NB 355 RQ	* 120	1	3.0	75	1583	29.10	2	3
10. 7	NB355 Thru	* 120	82	3.0	1000	1770	29.10	2	3
14. 14	SB355 TQ	* 120	86	3.0	600	1695	29.10	2	3
16. 17	SB 355 LQ	* 120	89	3.0	425	1717	29.10	3	3
19. 20	SB355 RQ	* 120	1	3.0	500	1583	29.10	3	3
25. 27	WB124 R	* 120	1	2.0	600	1583	29.10	2	3
27. 0	WB124 T	* 120	87	2.0	1100	1602	29.10	2	3
34. 31	EB124 T	* 120	72	2.0	2125	1602	29.10	2	3
36. 34	EB124 L	* 120	103	2.0	250	1717	29.10	2	3
40. 27	EB124 R	* 120	72	2.0	675	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

S7NB30PM.OUT

21. REC 21 400' WN Corne *	251785.0	540934.0	5.0 *
22. REC 22 400' WS Corne *	251882.0	540819.0	5.0 *
23. REC 23 164' WS Corne *	252050.0	540989.0	5.0 *
24. REC 24 82' WS Corner *	252107.0	541046.0	5.0 *
25. REC 25 SW Corner *	252199.0	541083.0	5.0 *
26. REC 26 82' SW Corner *	252278.0	541046.0	5.0 *
27. REC 27 64' SW Corner *	252337.0	540986.0	5.0 *
28. REC 28 400' SW Corne *	252494.0	540799.0	5.0 *

1

JOB: S7 NB30 PM 355 Montgomery Village

RUN: S7 NB30 PM 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
5.	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
10.	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
15.	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.1	.0
20.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.2	.0
25.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.4	.2	.0
30.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.4	.2	.1
35.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.4	.2	.1
40.	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1	.4	.3	.2
45.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.2	.1	.1	.6	.4	.3
50.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.1	.6	.5	.4
55.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.1	.0	.0	.0	.2	.1	.1	.7	.5	.5
60.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.2	.1	.1	.8	.5	.4
65.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.3	.1	.0	.0	.2	.0	.5	.7	.6	.4
70.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.1	.0	.0	.2	.1	.5	.7	.3	.6
75.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.1	.0	.0	.2	.3	.5	.7	.3	.6
80.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.1	.0	.2	.3	.7	.7	.3	.8
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.2	.2	.6	.3	.6	.9
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.2	.3	.6	.3	.7	.9
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.3	.1	.0	.3	.3	.7	.3	.7	.8
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.1	.0	.3	.4	.7	.3	.8	.8
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.2	.1	.0	.3	.5	.7	.3	.8	.7
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.3	.4	.5	.4	.8	.6
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.7	.1	.1	.0	.3	.4	.7	.5	.8	.7
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.1	.1	.1	.3	.6	.6	.7	.6	.7
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.2	.1	.1	.2	.5	.6	.7	.7	.7
130.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.3	.2	.1	.1	.5	.5	.6	.7	.7
135.	.1	.1	.1	.0	.0	.0	.0	.2	.2	.8	.6	.4	.2	.1	.1	.3	.6	.5	.7	.6
140.	.1	.1	.1	.1	.0	.0	.0	.2	.2	.8	.6	.3	.4	.1	.1	.3	.2	.5	.6	.6
145.	.1	.2	.3	.1	.0	.0	.0	.2	.2	.8	.5	.3	.6	.2	.2	.2	.3	.5	.6	.6
150.	.1	.4	.4	.1	.0	.0	.0	.2	.2	.8	.5	.3	.4	.2	.1	.2	.3	.5	.6	.6
155.	.3	.5	.5	.1	.1	.0	.0	.2	.3	.8	.5	.5	.4	.2	.1	.2	.2	.5	.6	.6
160.	.3	.5	.5	.2	.1	.0	.0	.2	.3	1.0	.4	.5	.6	.4	.0	.2	.4	.4	.5	.6
165.	.3	.5	.5	.4	.1	.0	.0	.2	.5	1.0	.4	.6	.6	.4	.0	.2	.4	.4	.5	.5
170.	.2	.5	.5	.3	.1	.1	.0	.2	.5	1.0	.3	.6	.6	.3	.0	.2	.3	.4	.5	.5
175.	.2	.5	.5	.3	.1	.1	.0	.2	.7	1.0	.1	.7	.4	.3	.0	.2	.2	.4	.5	.5
180.	.2	.5	.5	.3	.2	.1	.0	.2	.8	1.0	.2	.7	.4	.3	.0	.2	.2	.4	.5	.4
185.	.2	.5	.6	.3	.2	.1	.0	.2	.9	.8	.4	.7	.4	.3	.0	.1	.2	.5	.5	.5
190.	.2	.5	.5	.3	.2	.1	.0	.2	.8	.8	.4	.6	.3	.3	.0	.1	.2	.4	.4	.4
195.	.2	.5	.5	.3	.2	.2	.0	.2	.9	.7	.5	.5	.1	.3	.0	.0	.1	.4	.4	.4
200.	.2	.4	.6	.3	.2	.2	.0	.2	.8	.8	.6	.5	.1	.2	.0	.0	.1	.3	.6	.4
205.	.2	.4	.6	.3	.2	.2	.0	.3	.9	.7	.7	.4	.1	.2	.0	.0	.1	.2	.4	.5

1

JOB: S7 NB30 PM 355 Montgomery Village

RUN: S7 NB30 PM 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.4	.6	.3	.2	.2	.0	.4	.6	.6	.6	.2	.1	.2	.0	.0	.1	.3	.5	.5
215.	.2	.4	.6	.3	.2	.2	.1	.4	.7	.6	.6	.1	.1	.2	.0	.0	.0	.2	.5	.5
220.	.3	.4	.7	.3	.3	.2	.1	.3	.6	.6	.5	.1	.2	.2	.0	.0	.0	.2	.4	.4
225.	.3	.4	.7	.4	.3	.3	.1	.3	.5	.6	.5	.1	.2	.2	.0	.0	.0	.1	.3	.3
230.	.3	.4	.7	.4	.4	.3	.2	.3	.3	.4	.4	.1	.2	.2	.0	.0	.0	.0	.2	.3
235.	.3	.4	.7	.5	.4	.5	.3	.2	.2	.4	.4	.1	.2	.2	.0	.0	.0	.0	.2	.2
240.	.3	.4	.7	.6	.4	.4	.4	.1	.0	.3	.4	.1	.2	.2	.0	.0	.0	.0	.1	.1
245.	.3	.4	.8	.6	.5	.5	.4	.1	.0	.3	.3	.1	.2	.2	.0	.0	.0	.0	.1	.1
250.	.4	.5	.8	.6	.4	.5	.4	.1	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.1	.2
255.	.4	.6	1.0	.6	.3	.4	.5	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.1	.2
260.	.4	.7	1.1	.4	.4	.5	.4	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
265.	.4	.8	1.1	.4	.3	.4	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
270.	.5	.9	1.1	.2	.4	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
275.	.5	.9	1.0	.3	.4	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
280.	.5	.9	.8	.3	.3	.5	.2	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
285.	.7	.8	.7	.3	.4	.4	.2	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0
290.	.7	.8	.5	.3	.4	.4	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.7	.6	.4	.3	.3	.4	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.7	.6	.3	.2	.4	.3	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.6	.3	.2	.2	.5	.3	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	.5	.2	.1	.2	.5	.3	.2	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0
315.	.4	.2	.1	.2	.5	.2	.2	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0
320.	.1	.1	.2	.2	.5	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0
325.	.1	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
330.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.1	.0	.3	.2	.2	.1	.0	.0
335.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
340.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0
345.	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0
350.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.0
355.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0

360.	*	.0	.1	.1	.3	.2	.2	.2	.0	.0	S7NB30PM.OUT	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
MAX	*	.7	.9	1.1	.6	.5	.5	.5	.4	.9	1.0	.7	.7	.6	.4	.3	.6	.7	.8	.8	.9	
DEGR.	*	285	270	260	240	245	235	255	210	185	160	115	175	145	160	95	120	80	60	100	85	

1

JOB: S7 NB30 PM 355 Montgomery Village

RUN: S7 NB30 PM 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.9	1.3	.5	.8	.7	.3
5.	*	.0	.3	1.0	1.3	.6	.8	.7	.3
10.	*	.0	.3	1.1	1.2	.5	.8	.5	.3
15.	*	.0	.4	1.2	1.1	.5	.7	.6	.3
20.	*	.0	.5	1.0	1.1	.6	.7	.6	.3
25.	*	.0	.4	1.1	1.0	.6	.7	.5	.3
30.	*	.1	.5	1.0	.8	.8	.7	.5	.3
35.	*	.2	.5	.8	.8	.8	.7	.4	.3
40.	*	.3	.3	.7	.8	.8	.7	.3	.3
45.	*	.3	.2	.5	.6	.8	.6	.3	.3
50.	*	.4	.2	.4	.4	.7	.6	.3	.2
55.	*	.6	.1	.3	.3	.6	.6	.3	.2
60.	*	.5	.0	.2	.3	.6	.6	.3	.1
65.	*	.6	.0	.2	.3	.6	.6	.3	.1
70.	*	.5	.0	.2	.2	.6	.6	.3	.1
75.	*	.6	.0	.2	.2	.6	.5	.3	.1
80.	*	.5	.0	.2	.2	.6	.5	.3	.1
85.	*	.5	.0	.1	.2	.5	.5	.3	.1
90.	*	.3	.0	.1	.2	.5	.6	.4	.1
95.	*	.4	.0	.1	.2	.5	.5	.4	.1
100.	*	.3	.0	.0	.1	.5	.5	.4	.2
105.	*	.3	.0	.0	.1	.4	.6	.4	.2
110.	*	.3	.0	.0	.1	.4	.4	.4	.2
115.	*	.3	.0	.0	.0	.3	.4	.4	.2
120.	*	.3	.0	.0	.0	.2	.4	.4	.2
125.	*	.3	.0	.0	.0	.2	.4	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 NB30 PM 355 Montgomery Village

RUN: S7 NB30 PM 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.1	.0	.0	.0	.0
215.	*	.3	.1	.2	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.3	.0	.0	.0	.0
225.	*	.2	.3	.2	.4	.0	.0	.0	.0
230.	*	.1	.3	.4	.6	.2	.0	.0	.0
235.	*	.1	.3	.4	.7	.3	.0	.0	.0
240.	*	.0	.3	.5	.7	.5	.0	.0	.0
245.	*	.0	.3	.5	.8	.3	.0	.0	.0
250.	*	.0	.3	.6	.9	.5	.1	.0	.0
255.	*	.0	.3	.6	.9	.6	.1	.0	.0
260.	*	.0	.3	.6	.9	.7	.2	.0	.0
265.	*	.0	.3	.7	1.0	.8	.4	.1	.0
270.	*	.0	.3	.7	1.0	.8	.5	.1	.0
275.	*	.0	.3	.8	1.0	.8	.5	.1	.0
280.	*	.0	.3	.9	1.0	.9	.5	.1	.0
285.	*	.0	.3	.9	1.0	.9	.5	.2	.0
290.	*	.0	.3	.8	1.0	.9	.5	.2	.0
295.	*	.0	.3	.8	.9	.9	.6	.1	.1
300.	*	.0	.3	.8	.9	.9	.5	.1	.1
305.	*	.0	.3	.8	.9	.9	.5	.2	.1
310.	*	.0	.3	.8	.9	.9	.4	.2	.1
315.	*	.0	.3	.8	.9	.8	.5	.2	.1
320.	*	.0	.3	.8	.9	.9	.4	.2	.2
325.	*	.0	.3	.8	.9	.7	.2	.3	.3
330.	*	.0	.3	.8	.9	.8	.3	.5	.4
335.	*	.0	.3	.8	.9	.7	.2	.6	.4
340.	*	.0	.3	.8	1.0	.7	.2	.7	.4
345.	*	.0	.3	.9	1.2	.6	.6	.8	.3
350.	*	.0	.3	.9	1.2	.5	.7	.7	.3
355.	*	.0	.3	.9	1.2	.5	.7	.7	.3
360.	*	.0	.3	.9	1.3	.5	.8	.7	.3

```

-----*-----
MAX * .6 .5 1.2 1.3 .9 .8 .8 .4
DEGR * 55 20 15 0 280 0 345 330

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 0 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 15 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 260 DEGREES FROM REC3 .

1

PAGE 7

JOB: S7 NB30 PM 355 Montgomery Village
 DATE: 12/18/2006 TIME: 14:19:59.20

RUN: S7 NB30 PM 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 285	REC2 270	REC3 260	REC4 240	REC5 245	REC6 235	REC7 255	REC8 210	REC9 185	REC10 160	REC11 115	REC12 175	REC13 145	REC14 160	REC15 95	REC16 120	REC17 80	REC18 60	REC19 100	REC20 85
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.2	.3	.2	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.3	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.3	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.4	.0	.0	.0	.0	.1	.1	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
34	*	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
41	*	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	

1

PAGE 8

JOB: S7 NB30 PM 355 Montgomery Village
 DATE: 12/18/2006 TIME: 14:19:59.20

RUN: S7 NB30 PM 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 55	REC22 20	REC23 15	REC24 0	REC25 280	REC26 0	REC27 345	REC28 330
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.3	.3	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.1	.1	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.1	.1	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.1	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.2	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.1	.1	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.1	.1	.0	.0	.0	S7NB30PM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.2	.2	.1	.0	.0	.0	
34	*	.1	.1	.6	.5	.3	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.1	.1	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.1	.2	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	

S7B130AM.DAT

S7	B1AM30	355	Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.	
REC 2	164'	SE Corner	252447.	541059.	5.	
REC 3	82'	SE Corner	252389.	541125.	5.	
REC 4		SE Corner	252352.	541210.	5.	
REC 5	82'	ES Corner	252381.	541289.	5.	
REC 6	164'	ES Corner	252440.	541354.	5.	
REC 7	400'	ES Corner	252614.	541514.	5.	
REC 8	400'	EN Corner	252529.	541615.	5.	
REC 9	164'	EN Corner	252336.	541468.	5.	
REC 10	82'	EN Corner	252268.	541404.	5.	
REC 11		NE Corner	252188.	541383.	5.	
REC 12	82'	EN Corne	252094.	541407.	5.	
REC 13	164'	EN Corne	252029.	541465.	5.	
14	400'	EN Corner	251875.	541630.	5.	
15	400'	NW Corner	251801.	541535.	5.	
REC 16	164'	NW Corne	251962.	541364.	5.	
REC 17	82'	NW Corner	252010.	541303.	5.	
REC 18		NW Corner	252037.	541231.	5.	
REC 19	82'	WN Corner	252012.	541165.	5.	
REC 20	164'	WN Corne	251951.	541107.	5.	
REC 21	400'	WN Corne	251785.	540934.	5.	
REC 22	400'	WS Corne	251882.	540819.	5.	
REC 23	164'	WS Corne	252050.	540989.	5.	
REC 24	82'	WS Corner	252107.	541046.	5.	
REC 25		SW Corner	252199.	541083.	5.	
REC 26	82'	SW Corner	252278.	541046.	5.	
REC 27	64'	SW Corner	252337.	540986.	5.	
REC 28	400'	SW Corne	252494.	540799.	5.	

S7	B1	AM30	355 & Montgomery Village	42	1	1

1						
1		NB 355	ALLAG252908.540515.252647.540790.	1575	2.7	0.56.0 30.
2		NB355 Lt	AG252637.540781.252584.540811.	550	2.7	0.56.0 30.
11		NB355 Lt	AG252584.540811.252204.541220.	550	2.7	0.56.0 30.
2						
0		NB 355 LQ	AG252250.541170.252372.541039.	0.	36.	3
150		125	3.0 550 29.1 1663 2 3			
1						
3		NB355 Rt	AG252655.540797.252357.541114.	575	2.7	0.32.0 30.
1						
0		NB355 Rt	AG252357.541114.252330.541193.	575	2.7	0.32.0 30.
2						
5		NB 355 RQ	AG252332.541187.252357.541115.	0.	12.	1
150		1	3.0 1 29.1 1583 2 3			
1						
6		NB355 Rt	AG252330.541193.252343.541322.	575	2.7	0.32.0 30.
1						
7		NB355 Thru	AG252647.540790.252212.541230.	450	2.7	0.44.0 30.
2						
7		NB355 THRU	AG252259.541181.252473.540966.	0.	24.	2
150		125	3.0 450 29.1 1770 2 3			
1						
9		NB355 DEP	AG252212.541230.252048.541400.	1250	2.7	0.50. 30.
1						
10		NB355 DEP	AG252048.541400.251521.541953.	1250	2.7	0.50. 30.
1						
14		SB355 Thru	AG251970.541410.252169.541199.	800	2.7	0.50. 30.
2						
14		SB355 TQ	AG252129.541241.252027.541350.	0.	36.	3
150		115	3.0 800 29.1 1695 2 3			
1						
16		SB355 Lt	AG252011.541380.252185.541208.	575	2.7	0.30. 30.
2						
17		SB 355 LQ	AG252138.541254.252037.541354.	0.	24.	2
150		115	3.0 575 29.1 1717 3 3			
1						
18		SB 355Rt	AG251988.541359.252064.541276.	375	2.7	0.30. 30.
1						
19		SB355 Rt	AG252064.541276.252072.541195.	375	2.7	0.30. 30.
2						
20		SB355 RQ	AG252071.541213.252065.541272.	0.	12.	1
150		1	3.0 375 29.1 1583 3 3			
1						
0		SB355 ALL	AG251967.541411.251749.541631.	1750	2.7	0.56. 30.
1						
0		SB355 ALL	AG251749.541631.251489.541924.	1750	2.7	0.56. 30.
1						
22		SB355 DEP	AG252169.541199.252867.540476.	1975	2.7	0.50. 30.
1						
26		WB124 R	AG252375.541467.252266.541367.	400	2.7	0.30. 30.
1						
27		WB124 R	AG252266.541367.252098.541347.	400	2.7	0.30. 30.
2						
27		WB124 R	AG252152.541353.252260.541366.	0.	12.	1
150		1	2.0 400 29.1 1583 2 3			
1						
0		WB124 T	AG252173.541258.252575.541627.	1500	2.7	0.68. 30.
2						
150		WB124 T	AG252243.541322.252382.541450.	0.	48.	4
80			2.0 1500 29.1 1602 2 3			
1						
0		WB124 T	AG252577.541628.252910.541920.	1500	2.7	0.68. 30.
1						
0		WB124 DP	AG251503.540503.251834.540947.	2475	2.7	0.56. 30.
1						
0		WB124 DP	AG251834.540947.252171.541256.	2475	2.7	0.56. 30.
1						
29		EB124 ALL	AG251547.540460.251656.540605.	2150	2.7	0.44. 30.
1						
30		EB124 ALL	AG251656.540605.251927.540930.	2150	2.7	0.30. 30.
1						
31		EB124 THRU	AG251927.540930.252210.541203.	575	2.7	0.50. 30.
2						
31		EB124 T	AG252151.541146.252050.541048.	0.	48.	4

S7B130AM.DAT

1	150	54	2.0	575	29.1	1602	2	3				
33	1	EB124	L	AG251909.540942.252199.541216.	400	2.7	0.	40.	30.			
34	2	EB124	L	AG252142.541162.252051.541076.	0.	12.	2					
	150	122		2.0 400 29.1 1717 2 3								
35	1	EB124	R	AG251949.540907.252119.541075.	1175	2.7	0.	30.	30.			
36	1	EB124	R	AG252119.541075.252156.541093.	1175	2.7	0.	30.	30.			
37	1	EB124	R	AG252156.541093.252267.541096.	1175	2.7	0.	30.	30.			
27	2	EB124	R	AG252229.541095.252164.541093.	0.	12.	1					
	150	54		2.0 1175 29.1 1583 3 3								
41	1	EB124	DEP	AG252210.541203.252343.541322.	1725	2.7	0.	60.	30.			
42	1	EB124	DEP	AG252343.541322.252953.541871.	1725	2.7	0.	60.	30.			
1.0	0.4	1000.	0.0Y	5 0 72								

JOB: S7 B1AM30 355 Montgomery Village
DATE: 12/20/2006 TIME: 15:30:37.14

RUN: S7 B1 AM30 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1575.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	550.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	550.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252338.6	541074.9	*	130.	137. AG	195.	100.0	.0	36.0	.83 6.6
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	575.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	575.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.0	541187.0	*	0.	90. AG	1.	100.0	.0	12.0	.00 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	575.	2.7	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	450.	2.7	.0	44.0	
10. 7	NB355 THRU	* 252259.0	541181.0	252390.4	541049.1	*	186.	135. AG	130.	100.0	.0	24.0	.95 9.5
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1250.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1250.	2.7	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	800.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252014.7	541363.1	*	167.	317. AG	180.	100.0	.0	36.0	.78 8.5
15. 16	SB355 Lt	* 252111.0	541380.0	252185.0	541208.0	*	245.	135. AG	575.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	251997.2	541393.4	*	198.	315. AG	120.	100.0	.0	24.0	.84 10.1
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	375.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	375.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252070.8	541215.0	*	2.	354. AG	1.	100.0	.0	12.0	.25 .1
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1750.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1750.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1975.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	400.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	400.	2.7	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252154.2	541353.2	*	2.	85. AG	1.	100.0	.0	12.0	.26 .1
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1500.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252363.7	541433.2	*	164.	47. AG	167.	100.0	.0	48.0	.53 8.3
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1500.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2475.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2475.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2150.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2150.	2.7	.0	30.0	
33. 31	EB124 THRU	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	575.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252120.7	541116.6	*	42.	226. AG	112.	100.0	.0	48.0	.15 2.1
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	400.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252045.0	541070.4	*	133.	227. AG	127.	100.0	.0	12.0	.73 6.8
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1175.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1175.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1175.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	249682.0	541016.7	*	2548.	268. AG	28.	100.0	.0	12.0	1.21 129.4
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1725.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1725.	2.7	.0	60.0	

JOB: S7 B1AM30 355 Montgomery Village
DATE: 12/20/2006 TIME: 15:30:37.14

RUN: S7 B1 AM30 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 150	125	3.0	550	1663	29.10	2	3
7. 5	NB 355 RQ	* 150	1	3.0	1	1583	29.10	2	3
10. 7	NB355 THRU	* 150	125	3.0	450	1770	29.10	2	3
14. 14	SB355 TQ	* 150	115	3.0	800	1695	29.10	2	3
16. 17	SB 355 LQ	* 150	115	3.0	575	1717	29.10	3	3
19. 20	SB355 RQ	* 150	1	3.0	375	1583	29.10	3	3
25. 27	WB124 R	* 150	1	2.0	400	1583	29.10	2	3
27. 0	WB124 T	* 150	80	2.0	1500	1602	29.10	2	3
34. 31	EB124 T	* 150	54	2.0	575	1602	29.10	2	3
36. 34	EB124 L	* 150	122	2.0	400	1717	29.10	2	3
40. 27	EB124 R	* 150	54	2.0	1175	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B130AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B1AM30 355 Montgomery Village

RUN: S7 B1 AM30 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.3	.2	.0
5.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.4	.2	.0
10.	*	.0	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.3	.1
15.	*	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.6	.5	.3	.2
20.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.6	.5	.3	.2
25.	*	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.7	.4	.3	.2
30.	*	.0	.0	.0	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.3	.2
35.	*	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.3	.2
40.	*	.0	.0	.0	.1	.1	.2	.2	.2	.0	.1	.0	.0	.0	.0	.3	.3	.7	.4	.3	.3
45.	*	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.3	.7	.4	.5	.4
50.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.0	.0	.0	.0	.3	.2	.8	.6	.5	.3
55.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.3	.1	.0	.0	.0	.2	.2	.8	.6	.5	.4
60.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.0	.0	.0	.2	.3	.8	.6	.5	.3
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.0	.0	.0	.2	.3	.9	.6	.4	.2
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.3	.0	.0	.0	.2	.4	1.0	.5	.2	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.4	.1	.0	.0	.2	.5	1.0	.6	.2	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.1	.0	.0	.3	.5	1.0	.4	.2	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.2	.0	.0	.3	.6	1.0	.2	.3	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.2	.0	.0	.3	.8	.9	.2	.6	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.1	.1	.0	.3	.9	.8	.2	.7	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.2	.1	.0	.3	.9	.7	.4	.7	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1	.0	.3	.9	.7	.4	.7	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1	.0	.3	.8	.7	.4	.6	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1	.0	.2	.7	.8	.4	.5	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.3	.1	.1	.0	.4	.8	.9	.4	.4	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.3	.1	.1	.0	.4	.8	.6	.4	.4	.3
130.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	.5	.4	.0	.0	.0	.4	.7	.4	.4	.3	.3
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.3	.5	.4	.2	.1	.1	.3	.5	.3	.4	.3	.3
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.5	.3	.4	.3	.2	.2	.3	.2	.4	.3	.3
145.	*	.2	.2	.1	.0	.0	.0	.0	.2	.4	.5	.6	.4	.6	.3	.1	.2	.2	.2	.3	.3
150.	*	.2	.2	.2	.1	.0	.0	.0	.2	.5	.6	.6	.3	.5	.3	.0	.1	.2	.2	.3	.3
155.	*	.3	.2	.2	.1	.0	.0	.0	.2	.5	.6	.5	.5	.5	.3	.0	.1	.2	.2	.3	.3
160.	*	.3	.2	.2	.2	.1	.0	.0	.2	.5	.9	.4	.4	.6	.3	.0	.1	.2	.2	.3	.3
165.	*	.2	.2	.3	.2	.1	.0	.0	.2	.6	.9	.4	.4	.7	.2	.0	.1	.2	.2	.2	.3
170.	*	.2	.2	.3	.2	.1	.0	.0	.2	.5	.9	.3	.5	.6	.2	.0	.1	.1	.2	.2	.3
175.	*	.2	.2	.3	.3	.2	.0	.0	.2	.5	.9	.2	.5	.6	.2	.0	.1	.1	.2	.2	.3
180.	*	.2	.2	.2	.4	.2	.0	.0	.2	.7	.8	.1	.6	.6	.2	.0	.1	.1	.1	.2	.3
185.	*	.2	.1	.3	.4	.2	.0	.0	.2	.8	.7	.2	.7	.6	.2	.0	.1	.1	.1	.2	.3
190.	*	.2	.1	.3	.5	.2	.0	.0	.3	.7	.7	.2	.7	.4	.2	.0	.0	.1	.1	.2	.3
195.	*	.2	.1	.3	.5	.2	.1	.0	.3	.8	.4	.3	.7	.3	.2	.0	.0	.1	.1	.2	.4
200.	*	.1	.1	.3	.5	.2	.2	.0	.3	.6	.4	.4	.7	.3	.2	.0	.0	.1	.1	.2	.4
205.	*	.1	.1	.3	.5	.2	.2	.0	.3	.5	.4	.4	.7	.2	.2	.0	.0	.1	.1	.3	.5

1

JOB: S7 B1AM30 355 Montgomery Village

RUN: S7 B1 AM30 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.4	.5	.2	.2	.0	.4	.5	.4	.4	.6	.2	.2	.0	.0	.0	.1	.4	.5
215.	*	.1	.1	.4	.5	.2	.2	.0	.3	.5	.3	.5	.5	.1	.2	.0	.0	.0	.2	.3	.4
220.	*	.1	.1	.4	.5	.2	.2	.1	.3	.4	.4	.5	.5	.1	.2	.0	.0	.0	.2	.3	.4
225.	*	.1	.1	.5	.5	.2	.1	.1	.3	.5	.4	.5	.5	.1	.2	.0	.0	.0	.1	.2	.3
230.	*	.1	.1	.5	.5	.1	.1	.1	.3	.4	.3	.4	.5	.1	.2	.0	.0	.0	.0	.1	.3
235.	*	.1	.1	.5	.4	.3	.3	.3	.3	.3	.2	.4	.5	.2	.2	.0	.0	.0	.0	.1	.2
240.	*	.1	.1	.6	.4	.2	.3	.3	.1	.2	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.1
245.	*	.1	.1	.6	.5	.2	.3	.4	.1	.2	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.1
250.	*	.1	.2	.6	.5	.2	.4	.4	.1	.2	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.1
255.	*	.1	.2	.6	.4	.3	.5	.4	.1	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.1
260.	*	.2	.2	.6	.3	.3	.4	.4	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1
265.	*	.2	.4	.7	.2	.3	.5	.3	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1
270.	*	.2	.4	.7	.4	.3	.5	.3	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.1
275.	*	.2	.5	.7	.4	.5	.4	.2	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1
280.	*	.2	.6	.7	.4	.5	.4	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.7	.5	.4	.5	.4	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.2	.6	.5	.4	.4	.4	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.2	.6	.4	.4	.4	.4	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
300.	*	.3	.5	.4	.4	.4	.4	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
305.	*	.4	.4	.4	.2	.4	.4	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
310.	*	.3	.3	.1	.3	.5	.3	.2	.0	.0	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0
315.	*	.3	.2	.0	.3	.4	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
320.	*	.0	.0	.1	.3	.4	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
325.	*	.0	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.0	.0
330.	*	.0	.1	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0
335.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0
340.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.2	.0	.0
345.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0
350.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.3	.0	.0
355.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.2	.0

360.	*	.0	.0	.1	.2	.3	.2	.2	.0	.0	S7B130AM.OUT	.0	.0	.0	.0	.0	.3	.2	.6	.3	.2	.0
MAX	*	.4	.7	.7	.5	.5	.5	.4	.4	.8	.9	.6	.7	.7	.3	.4	.9	1.0	.6	.7	.6	
DEGR.	*	305	285	265	190	275	255	245	210	185	160	145	185	165	145	120	95	70	50	95	90	

1

JOB: S7 B1AM30 355 Montgomery Village

RUN: S7 B1 AM30 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.5	.7	.3	.7	.7	.2
5.	*	.0	.2	.6	.6	.4	.8	.6	.1
10.	*	.0	.2	.6	.5	.5	.8	.5	.1
15.	*	.0	.2	.5	.4	.6	.8	.5	.1
20.	*	.0	.2	.5	.5	.7	.7	.4	.1
25.	*	.0	.2	.4	.5	.7	.7	.3	.1
30.	*	.1	.2	.4	.5	.7	.8	.3	.1
35.	*	.2	.1	.4	.4	.7	.7	.3	.1
40.	*	.3	.0	.2	.5	.7	.7	.3	.1
45.	*	.3	.0	.3	.4	.6	.7	.3	.1
50.	*	.3	.0	.2	.5	.7	.7	.2	.1
55.	*	.3	.0	.3	.4	.8	.7	.2	.1
60.	*	.3	.0	.3	.3	.8	.6	.2	.1
65.	*	.3	.0	.3	.3	.8	.6	.2	.1
70.	*	.3	.0	.2	.3	.8	.5	.2	.1
75.	*	.2	.0	.2	.3	.7	.4	.2	.1
80.	*	.3	.0	.0	.3	.6	.4	.2	.1
85.	*	.3	.0	.0	.3	.5	.3	.2	.1
90.	*	.3	.0	.0	.3	.5	.3	.2	.2
95.	*	.2	.0	.0	.1	.4	.3	.2	.2
100.	*	.3	.0	.0	.1	.4	.2	.2	.2
105.	*	.3	.0	.0	.1	.4	.2	.2	.3
110.	*	.3	.0	.0	.1	.2	.2	.2	.3
115.	*	.3	.0	.0	.1	.1	.3	.3	.3
120.	*	.3	.0	.0	.1	.1	.3	.3	.3
125.	*	.3	.0	.0	.1	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.3	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.3	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 B1AM30 355 Montgomery Village

RUN: S7 B1 AM30 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.1	.1	.3	.3	.0	.0	.0	.0
230.	*	.1	.2	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.0	.0	.0	.0
240.	*	.0	.3	.4	.3	.1	.0	.0	.0
245.	*	.0	.3	.4	.3	.1	.0	.0	.0
250.	*	.0	.3	.3	.3	.3	.0	.0	.0
255.	*	.0	.3	.3	.3	.3	.0	.0	.0
260.	*	.0	.3	.3	.3	.3	.0	.0	.0
265.	*	.0	.3	.3	.3	.4	.0	.0	.0
270.	*	.0	.2	.2	.3	.4	.1	.0	.0
275.	*	.0	.2	.2	.3	.5	.2	.0	.0
280.	*	.0	.2	.2	.3	.5	.3	.0	.0
285.	*	.0	.2	.2	.4	.6	.3	.0	.0
290.	*	.0	.2	.2	.4	.5	.3	.0	.0
295.	*	.0	.2	.2	.4	.5	.2	.0	.0
300.	*	.0	.2	.2	.4	.5	.3	.1	.0
305.	*	.0	.2	.2	.4	.5	.4	.1	.0
310.	*	.0	.2	.2	.3	.5	.4	.2	.1
315.	*	.0	.2	.2	.3	.6	.5	.3	.1
320.	*	.0	.2	.2	.4	.7	.5	.4	.2
325.	*	.0	.2	.2	.4	.7	.5	.4	.4
330.	*	.0	.2	.2	.4	.6	.6	.7	.4
335.	*	.0	.2	.2	.5	.5	.4	.6	.4
340.	*	.0	.1	.2	.6	.6	.3	.6	.3
345.	*	.0	.2	.2	.6	.6	.5	.7	.2
350.	*	.0	.2	.4	.6	.4	.6	.8	.2
355.	*	.0	.3	.4	.6	.3	.7	.7	.2
360.	*	.0	.3	.5	.7	.3	.7	.7	.2

```

-----*-----
MAX * .4 .3 .6 .7 .8 .8 .8
DEGR. * 180 0 5 0 55 5 350 325

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 70 DEGREES FROM REC17.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 160 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 95 DEGREES FROM REC16.

1

PAGE 7

JOB: S7 B1AM30 355 Montgomery Village
 DATE: 12/20/2006 TIME: 15:30:37.14

RUN: S7 B1 AM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)			REC4 190	REC5 275	REC6 255	REC7 245	REC8 210	REC9 185	REC10 160	REC11 145	REC12 185	REC13 165	REC14 145	REC15 120	REC16 95	REC17 70	REC18 50	REC19 95	REC20 90
	REC1 305	REC2 285	REC3 265																	
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.1	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.1	.1	.3	.4	.3	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.3	.2	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
27	.0	.0	.0	.0	.1	.1	.1	.1	.5	.4	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

JOB: S7 B1AM30 355 Montgomery Village
 DATE: 12/20/2006 TIME: 15:30:37.14

RUN: S7 B1 AM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)			REC24 0	REC25 55	REC26 5	REC27 350	REC28 325
	REC21 180	REC22 0	REC23 5					
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.3	.3	.3	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.2	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.1	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.2	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.1	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.3	.0	.0	.0	.0	.0	.0	.0

30	*	.0	.1	.1	.1	.0	.0	.0	.0	S7B130AM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.2	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.1	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.2	.0	.0	.0	.0	
37	*	.0	.0	.2	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.2	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	

S7B130PM.DAT

S7	B1PM30	355	Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.	
REC 2	164'	SE Corner	252447.	541059.	5.	
REC 3	82'	SE Corner	252389.	541125.	5.	
REC 4		SE Corner	252352.	541210.	5.	
REC 5	82'	ES Corner	252381.	541289.	5.	
REC 6	164'	ES Corner	252440.	541354.	5.	
REC 7	400'	ES Corner	252614.	541514.	5.	
REC 8	400'	EN Corner	252529.	541615.	5.	
REC 9	164'	EN Corner	252336.	541468.	5.	
REC 10	82'	EN Corner	252268.	541404.	5.	
REC 11		NE Corner	252188.	541383.	5.	
REC 12	82'	EN Corne	252094.	541407.	5.	
REC 13	164'	EN Corne	252029.	541465.	5.	
14	400'	EN Corner	251875.	541630.	5.	
15	400'	NW Corner	251801.	541535.	5.	
REC 16	164'	NW Corne	251962.	541364.	5.	
REC 17	82'	NW Corner	252010.	541303.	5.	
REC 18		NW Corner	252037.	541231.	5.	
REC 19	82'	WN Corner	252012.	541165.	5.	
REC 20	164'	WN Corne	251951.	541107.	5.	
REC 21	400'	WN Corne	251785.	540934.	5.	
REC 22	400'	WS Corne	251882.	540819.	5.	
REC 23	164'	WS Corne	252050.	540989.	5.	
REC 24	82'	WS Corner	252107.	541046.	5.	
REC 25		SW Corner	252199.	541083.	5.	
REC 26	82'	SW Corner	252278.	541046.	5.	
REC 27	64'	SW Corner	252337.	540986.	5.	
REC 28	400'	SW Corne	252494.	540799.	5.	

S7	B1	PM30	355 & Montgomery Village	42	1	1

1						
1		NB 355	ALLAG252908.540515.252647.540790.	2150	2.7	0.56.0 30.
2		NB355 Lt	AG252637.540781.252584.540811.	1075	2.7	0.56.0 30.
11		NB355 Lt	AG252584.540811.252204.541220.	1075	2.7	0.56.0 30.
2						
0		NB 355 LQ	AG252250.541170.252372.541039.	0.	36.	3
120		79	3.0 1075 29.1 1663 2 3			
1						
3		NB355 Rt	AG252655.540797.252357.541114.	75	2.7	0.32.0 30.
1						
0		NB355 Rt	AG252357.541114.252330.541193.	75	2.7	0.32.0 30.
2						
5		NB 355 RQ	AG252332.541187.252357.541115.	0.	12.	1
120		1	3.0 75 29.1 1583 2 3			
1						
6		NB355 Rt	AG252330.541193.252343.541322.	75	2.7	0.32.0 30.
1						
7		NB355 Thru	AG252647.540790.252212.541230.	1000	2.7	0.44.0 30.
2						
7		NB355 THRU	AG252259.541181.252473.540966.	0.	24.	2
120		76	3.0 1000 29.1 1770 2 3			
1						
9		NB355 DEP	AG252212.541230.252048.541400.	1850	2.7	0.50. 30.
1						
10		NB355 DEP	AG252048.541400.251521.541953.	1850	2.7	0.50. 30.
1						
14		SB355 Thru	AG251970.541410.252169.541199.	600	2.7	0.50. 30.
2						
14		SB355 TQ	AG252129.541241.252027.541350.	0.	36.	3
120		80	3.0 600 29.1 1695 2 3			
1						
16		SB355 Lt	AG252011.541380.252185.541208.	425	2.7	0.30. 30.
2						
17		SB 355 LQ	AG252138.541254.252037.541354.	0.	24.	2
120		99	3.0 425 29.1 1717 3 3			
1						
18		SB 355Rt	AG251988.541359.252064.541276.	500	2.7	0.30. 30.
1						
19		SB355 Rt	AG252064.541276.252072.541195.	500	2.7	0.30. 30.
2						
20		SB355 RQ	AG252071.541213.252065.541272.	0.	12.	1
120		1	3.0 500 29.1 1583 3 3			
1						
0		SB355 ALL	AG251967.541411.251749.541631.	1525	2.7	0.56. 30.
1						
0		SB355 ALL	AG251749.541631.251489.541924.	1525	2.7	0.56. 30.
1						
22		SB355 DEP	AG252169.541199.252867.540476.	1275	2.7	0.50. 30.
1						
26		WB124 R	AG252375.541467.252266.541367.	600	2.7	0.30. 30.
1						
27		WB124 R	AG252266.541367.252098.541347.	600	2.7	0.30. 30.
2						
27		WB124 R	AG252152.541353.252260.541366.	0.	12.	1
120		1	2.0 600 29.1 1583 2 3			
1						
0		WB124 T	AG252173.541258.252575.541627.	1100	2.7	0.68. 30.
2						
120		WB124 T	AG252243.541322.252382.541450.	0.	48.	4
87			2.0 1100 29.1 1602 2 3			
1						
0		WB124 T	AG252577.541628.252910.541920.	1100	2.7	0.68. 30.
1						
0		WB124 DP	AG251503.540503.251834.540947.	2675	2.7	0.56. 30.
1						
0		WB124 DP	AG251834.540947.252171.541256.	2675	2.7	0.56. 30.
1						
29		EB124 ALL	AG251547.540460.251656.540605.	3050	2.7	0.44. 30.
1						
30		EB124 ALL	AG251656.540605.251927.540930.	3050	2.7	0.30. 30.
1						
31		EB124 THRU	AG251927.540930.252210.541203.	2125	2.7	0.50. 30.
2						
31		EB124 T	AG252151.541146.252050.541048.	0.	48.	4

S7B130PM.DAT

	120	72	2.0	2125	29.1	1602	2	3	
1									
33	EB124	L	AG251909.540942.252199.541216.		250	2.7	0.	40.	30.
2									
34	EB124	L	AG252142.541162.252051.541076.		0.	12.	2		
1	120	103	2.0	250	29.1	1717	2	3	
1									
35	EB124	R	AG251949.540907.252119.541075.		675	2.7	0.	30.	30.
1									
36	EB124	R	AG252119.541075.252156.541093.		675	2.7	0.	30.	30.
1									
37	EB124	R	AG252156.541093.252267.541096.		675	2.7	0.	30.	30.
2									
27	EB124	R	AG252229.541095.252164.541093.		0.	12.	1		
1	120	72	2.0	675	29.1	1583	3	3	
1									
41	EB124	DEP	AG252210.541203.252343.541322.		2625	2.7	0.	60.	30.
1									
42	EB124	DEP	AG252343.541322.252953.541871.		2625	2.7	0.	60.	30.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S7 B1PM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:06:18.83

RUN: S7 B1 PM30 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	2150.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	1075.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	1075.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252355.4	541056.8	*	155.	137. AG	154.	100.0	.0	36.0	.72 7.9
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	75.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	75.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.1	541186.6	*	0.	162. AG	1.	100.0	.0	12.0	.05 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	75.	2.7	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	1000.	2.7	.0	44.0	
10. 7	NB355 Thru	* 252259.0	541181.0	252409.8	541029.5	*	214.	135. AG	99.	100.0	.0	24.0	.87 10.9
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1850.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1850.	2.7	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	600.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252069.2	541304.9	*	87.	317. AG	156.	100.0	.0	36.0	.40 4.4
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	425.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252026.4	541364.6	*	157.	315. AG	129.	100.0	.0	24.0	.93 8.0
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	500.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	500.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252070.7	541215.7	*	3.	354. AG	1.	100.0	.0	12.0	.33 .1
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1525.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1525.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1275.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	600.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	600.	2.7	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252155.3	541353.4	*	3.	83. AG	1.	100.0	.0	12.0	.40 .2
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1100.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252339.2	541410.7	*	131.	47. AG	226.	100.0	.0	48.0	.71 6.6
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1100.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2675.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2675.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	3050.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	3050.	2.7	.0	30.0	
33. 31	EB124 Thru	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	2125.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	251987.9	540987.8	*	227.	226. AG	187.	100.0	.0	48.0	.90 11.5
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	250.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252090.8	541113.6	*	70.	227. AG	134.	100.0	.0	12.0	.67 3.6
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	675.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	675.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	675.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	250892.6	541053.9	*	1337.	268. AG	47.	100.0	.0	12.0	1.16 67.9
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2625.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2625.	2.7	.0	60.0	

JOB: S7 B1PM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:06:18.83

RUN: S7 B1 PM30 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 120	79	3.0	1075	1663	29.10	2	3
7. 5	NB 355 RQ	* 120	1	3.0	75	1583	29.10	2	3
10. 7	NB355 Thru	* 120	76	3.0	1000	1770	29.10	2	3
14. 14	SB355 TQ	* 120	80	3.0	600	1695	29.10	2	3
16. 17	SB 355 LQ	* 120	99	3.0	425	1717	29.10	3	3
19. 20	SB355 RQ	* 120	1	3.0	500	1583	29.10	3	3
25. 27	WB124 R	* 120	1	2.0	600	1583	29.10	2	3
27. 0	WB124 T	* 120	87	2.0	1100	1602	29.10	2	3
34. 31	EB124 T	* 120	72	2.0	2125	1602	29.10	2	3
36. 34	EB124 L	* 120	103	2.0	250	1717	29.10	2	3
40. 27	EB124 R	* 120	72	2.0	675	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B130PM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B1PM30 355 Montgomery Village

RUN: S7 B1 PM30 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
5.	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0
10.	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.0
15.	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.4	.2	.0
20.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.5	.2	.1
25.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.4	.2	.1
30.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.3	.5	.2	.2
35.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.3	.5	.2	.2
40.	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.3	.5	.3	.3
45.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.2	.1	.3	.6	.4	.4
50.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.3	.6	.5	.4
55.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.1	.0	.0	.0	.2	.1	.3	.7	.6	.4
60.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.2	.1	.5	.7	.5	.4
65.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.3	.1	.0	.0	.2	.0	.5	.7	.5	.4
70.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.1	.0	.0	.2	.1	.6	.7	.3	.5
75.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.1	.0	.0	.2	.4	.6	.7	.3	.6
80.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.1	.0	.2	.4	.6	.7	.3	.8
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.2	.3	.5	.4	.5	.8
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.2	.4	.6	.3	.6	.7
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.3	.1	.0	.3	.5	.6	.3	.7	.7
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.1	.0	.3	.5	.6	.2	.8	.6
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.2	.1	.0	.3	.6	.7	.3	.8	.6
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.3	.5	.6	.4	.7	.6
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.7	.1	.1	.0	.3	.5	.5	.5	.6	.7
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.1	.1	.1	.3	.5	.6	.6	.7	.7
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.2	.1	.1	.3	.5	.6	.6	.7	.7
130.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.2	.1	.2	.4	.4	.5	.7	.7
135.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.5	.3	.1	.1	.1	.3	.4	.5	.7	.6
140.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.5	.2	.2	.1	.1	.3	.2	.5	.7	.6
145.	.1	.1	.1	.0	.0	.0	.0	.2	.2	.8	.5	.2	.4	.2	.2	.2	.2	.5	.7	.6
150.	.1	.2	.2	.0	.0	.0	.0	.2	.2	.7	.5	.2	.4	.2	.1	.2	.2	.5	.7	.6
155.	.3	.3	.3	.0	.0	.0	.0	.2	.3	.7	.5	.5	.4	.2	.1	.2	.2	.5	.7	.6
160.	.3	.3	.4	.1	.0	.0	.0	.2	.3	1.0	.4	.5	.7	.4	.0	.2	.4	.4	.6	.6
165.	.3	.3	.4	.2	.0	.0	.0	.2	.4	1.0	.3	.6	.7	.4	.0	.2	.4	.4	.5	.5
170.	.2	.3	.4	.2	.0	.0	.0	.2	.4	1.0	.3	.6	.6	.3	.0	.2	.3	.4	.5	.5
175.	.2	.3	.4	.2	.1	.0	.0	.2	.5	1.0	.1	.7	.5	.3	.0	.2	.2	.4	.5	.5
180.	.2	.3	.5	.2	.1	.0	.0	.2	.7	.9	.2	.8	.5	.3	.0	.2	.2	.4	.5	.4
185.	.2	.3	.5	.3	.2	.0	.0	.2	.8	.8	.4	.7	.5	.3	.0	.1	.2	.5	.5	.5
190.	.2	.3	.4	.3	.2	.0	.0	.2	.8	.7	.4	.6	.4	.3	.0	.1	.2	.4	.5	.4
195.	.2	.3	.5	.3	.2	.2	.0	.2	.9	.7	.5	.6	.1	.3	.0	.0	.1	.4	.5	.4
200.	.2	.2	.5	.3	.2	.2	.0	.2	.8	.8	.6	.6	.1	.2	.0	.0	.1	.3	.7	.4
205.	.2	.2	.5	.3	.2	.2	.0	.3	.9	.7	.7	.5	.1	.2	.0	.0	.1	.2	.5	.5

1

JOB: S7 B1PM30 355 Montgomery Village

RUN: S7 B1 PM30 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.6	.3	.2	.2	.0	.4	.6	.6	.6	.4	.1	.2	.0	.0	.1	.3	.6	.5
215.	.2	.2	.6	.3	.2	.2	.1	.4	.7	.6	.6	.3	.1	.2	.0	.0	.0	.2	.5	.5
220.	.3	.2	.6	.3	.3	.2	.1	.3	.6	.6	.5	.3	.2	.2	.0	.0	.0	.2	.4	.4
225.	.3	.3	.6	.4	.2	.3	.1	.3	.5	.6	.5	.2	.2	.2	.0	.0	.0	.1	.3	.3
230.	.3	.3	.6	.4	.4	.3	.2	.3	.2	.4	.4	.2	.2	.2	.0	.0	.0	.0	.2	.3
235.	.3	.3	.7	.5	.4	.5	.3	.2	.2	.4	.4	.2	.2	.2	.0	.0	.0	.0	.2	.2
240.	.3	.3	.7	.5	.4	.4	.4	.1	.1	.3	.4	.2	.2	.2	.0	.0	.0	.0	.1	.1
245.	.3	.3	.8	.6	.5	.5	.4	.1	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.1	.2
250.	.3	.4	.8	.6	.4	.5	.4	.1	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.1	.2
255.	.3	.6	1.0	.6	.3	.4	.5	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.1	.2
260.	.3	.7	1.1	.3	.3	.5	.4	.0	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.1	.2
265.	.3	.7	1.1	.4	.4	.4	.3	.0	.0	.0	.2	.2	.3	.2	.0	.0	.0	.0	.0	.1
270.	.3	.8	1.1	.2	.5	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
275.	.3	.9	.9	.2	.4	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
280.	.3	.8	.8	.4	.4	.5	.2	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
285.	.4	.7	.7	.4	.4	.4	.2	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0
290.	.4	.7	.4	.4	.4	.4	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.4	.6	.3	.3	.3	.4	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.4	.6	.4	.3	.4	.3	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.4	.3	.2	.2	.5	.3	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	.4	.2	.1	.2	.5	.3	.2	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0
315.	.3	.2	.1	.2	.5	.2	.2	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0
320.	.0	.1	.2	.2	.5	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0
325.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
330.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.1	.0	.3	.2	.2	.1	.0	.0
335.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
340.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0
345.	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0
350.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2	.0	.0
355.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0

																		S7B130PM.OUT									
360.	*	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0						
MAX	*	.4	.9	1.1	.6	.5	.5	.5	.4	.9	1.0	.7	.8	.7	.4	.3	.6	.7	.7	.8	.8						
DEGR.	*	285	275	260	245	245	235	255	210	195	160	115	180	160	160	95	105	105	55	100	85						

1

JOB: S7 B1PM30 355 Montgomery Village

RUN: S7 B1 PM30 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.9	1.3	.6	.8	.6	.2
5.	*	.0	.3	1.0	1.3	.7	.8	.6	.2
10.	*	.0	.3	1.2	1.2	.6	.8	.5	.2
15.	*	.0	.4	1.1	1.1	.6	.7	.5	.2
20.	*	.0	.5	1.0	1.1	.7	.7	.5	.2
25.	*	.0	.4	1.1	1.0	.7	.7	.5	.2
30.	*	.1	.5	1.0	.8	.8	.7	.4	.2
35.	*	.2	.5	.7	.8	.9	.7	.3	.2
40.	*	.3	.3	.7	.8	.8	.7	.3	.2
45.	*	.3	.2	.5	.6	.8	.6	.3	.2
50.	*	.4	.2	.4	.4	.8	.6	.3	.2
55.	*	.6	.1	.3	.2	.7	.6	.3	.2
60.	*	.5	.0	.1	.3	.6	.6	.3	.1
65.	*	.6	.0	.2	.3	.6	.5	.2	.1
70.	*	.5	.0	.1	.2	.6	.5	.2	.1
75.	*	.6	.0	.1	.2	.6	.5	.2	.1
80.	*	.5	.0	.0	.2	.6	.5	.2	.1
85.	*	.5	.0	.0	.2	.6	.4	.2	.1
90.	*	.3	.0	.0	.1	.5	.4	.2	.1
95.	*	.4	.0	.0	.0	.4	.4	.2	.1
100.	*	.3	.0	.0	.0	.5	.3	.2	.2
105.	*	.3	.0	.0	.0	.4	.3	.3	.2
110.	*	.3	.0	.0	.0	.3	.3	.3	.2
115.	*	.3	.0	.0	.0	.1	.3	.3	.2
120.	*	.3	.0	.0	.0	.1	.3	.3	.2
125.	*	.3	.0	.0	.0	.1	.3	.2	.2
130.	*	.3	.0	.0	.0	.1	.2	.2	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.0	.1	.1	.0
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.4	.0	.0	.0	.0	.0	.0	.0
175.	*	.4	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 B1PM30 355 Montgomery Village

RUN: S7 B1 PM30 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.1	.0	.0	.0	.0
215.	*	.3	.1	.2	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.3	.0	.0	.0	.0
225.	*	.2	.3	.2	.4	.0	.0	.0	.0
230.	*	.1	.3	.4	.6	.2	.0	.0	.0
235.	*	.1	.3	.4	.7	.3	.0	.0	.0
240.	*	.0	.3	.5	.7	.5	.0	.0	.0
245.	*	.0	.3	.5	.8	.3	.0	.0	.0
250.	*	.0	.3	.6	.9	.6	.1	.0	.0
255.	*	.0	.3	.6	.9	.6	.1	.0	.0
260.	*	.0	.3	.6	.9	.7	.2	.0	.0
265.	*	.0	.3	.7	1.0	.8	.5	.1	.0
270.	*	.0	.3	.7	1.0	.8	.5	.1	.0
275.	*	.0	.3	.8	1.0	.8	.5	.1	.0
280.	*	.0	.3	.9	1.0	.9	.5	.2	.0
285.	*	.0	.3	.9	1.0	.9	.5	.2	.0
290.	*	.0	.3	.8	1.0	.9	.5	.2	.0
295.	*	.0	.3	.8	.9	.9	.5	.1	.1
300.	*	.0	.3	.8	.9	.9	.4	.1	.1
305.	*	.0	.3	.9	.9	.9	.4	.2	.1
310.	*	.0	.3	.8	.9	.9	.4	.2	.1
315.	*	.0	.3	.8	.9	.8	.4	.2	.1
320.	*	.0	.3	.8	.9	1.0	.5	.2	.2
325.	*	.0	.3	.8	.9	.9	.3	.3	.2
330.	*	.0	.3	.8	.9	.8	.2	.4	.4
335.	*	.0	.3	.8	.9	.8	.2	.6	.4
340.	*	.0	.3	.8	1.0	.8	.2	.6	.3
345.	*	.0	.3	.9	1.2	.8	.6	.8	.2
350.	*	.0	.3	.9	1.3	.6	.7	.7	.2
355.	*	.0	.3	.9	1.3	.6	.7	.7	.2
360.	*	.0	.3	.9	1.3	.6	.8	.6	.2


```

-----*-----
MAX * .6 .5 1.2 1.3 1.0 .8 .8 .4
DEGR. * 55 20 10 0 320 0 345 330

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 0 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 10 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 260 DEGREES FROM REC3 .

1

PAGE 7

JOB: S7 B1PM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:06:18.83

RUN: S7 B1 PM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 285	REC2 275	REC3 260	REC4 245	REC5 245	REC6 235	REC7 255	REC8 210	REC9 195	REC10 160	REC11 115	REC12 180	REC13 160	REC14 160	REC15 95	REC16 105	REC17 105	REC18 55	REC19 100	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.2	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.2	.2	.2	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
34	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.2	.2
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
42	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0

1

PAGE 8

JOB: S7 B1PM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:06:18.83

RUN: S7 B1 PM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 20	REC23 10	REC24 0	REC25 320	REC26 0	REC27 345	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.1	.1
4	.0	.0	.0	.0	.0	.3	.3	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.1	.1	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.1	.1	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.1	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.1	.0	.0	.0	.0	.0	.0	.0

30	*	.3	.1	.1	.1	.1	.0	.0	.0	S7B130PM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.2	.0	.0	.0	.0	.0	.0	
33	*	.1	.1	.2	.2	.1	.0	.0	.0	
34	*	.1	.1	.6	.5	.2	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.1	.1	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	
40	*	.0	.0	.0	.1	.2	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.1	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	

S7B230AM.DAT

S7 B2AM30	355	Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.
REC 2	164'	SE Corner	252447.	541059.	5.
REC 3	82'	SE Corner	252389.	541125.	5.
REC 4		SE Corner	252352.	541210.	5.
REC 5	82'	ES Corner	252381.	541289.	5.
REC 6	164'	ES Corner	252440.	541354.	5.
REC 7	400'	ES Corner	252614.	541514.	5.
REC 8	400'	EN Corner	252529.	541615.	5.
REC 9	164'	EN Corner	252336.	541468.	5.
REC 10	82'	EN Corner	252268.	541404.	5.
REC 11		NE Corner	252188.	541383.	5.
REC 12	82'	EN Corne	252094.	541407.	5.
REC 13	164'	EN Corne	252029.	541465.	5.
14	400'	EN Corner	251875.	541630.	5.
15	400'	NW Corner	251801.	541535.	5.
REC 16	164'	NW Corne	251962.	541364.	5.
REC 17	82'	NW Corner	252010.	541303.	5.
REC 18		NW Corner	252037.	541231.	5.
REC 19	82'	WN Corner	252012.	541165.	5.
REC 20	164'	WN Corne	251951.	541107.	5.
REC 21	400'	WN Corne	251785.	540934.	5.
REC 22	400'	WS Corne	251882.	540819.	5.
REC 23	164'	WS Corne	252050.	540989.	5.
REC 24	82'	WS Corner	252107.	541046.	5.
REC 25		SW Corner	252199.	541083.	5.
REC 26	82'	SW Corner	252278.	541046.	5.
REC 27	64'	SW Corner	252337.	540986.	5.
REC 28	400'	SW Corne	252494.	540799.	5.

S7 B2	AM30	355 & Montgomery Village	42	1	1

1		NB 355	ALLAG252908.540515.252647.540790.	1575	2.7	0.56.0	30.
2		NB355 Lt	AG252637.540781.252584.540811.	550	2.7	0.56.0	30.
11		NB355 Lt	AG252584.540811.252204.541220.	550	2.7	0.56.0	30.
0		NB 355 LQ	AG252250.541170.252372.541039.	0.	36.	3	
150	123		3.0 550 29.1 1663 2 3				
3		NB355 Rt	AG252655.540797.252357.541114.	575	2.7	0.32.0	30.
0		NB355 Rt	AG252357.541114.252330.541193.	575	2.7	0.32.0	30.
5		NB 355 RQ	AG252332.541187.252357.541115.	0.	12.	1	
150	1		3.0 575 29.1 1583 2 3				
6		NB355 Rt	AG252330.541193.252343.541322.	575	2.7	0.32.0	30.
7		NB355 Thru	AG252647.540790.252212.541230.	450	2.7	0.44.0	30.
7		NB355 THRU	AG252259.541181.252473.540966.	0.	24.	2	
150	123		3.0 450 29.1 1770 2 3				
9		NB355 DEP	AG252212.541230.252048.541400.	1250	2.7	0.50.	30.
10		NB355 DEP	AG252048.541400.251521.541953.	1250	2.7	0.50.	30.
14		SB355 Thru	AG251970.541410.252169.541199.	825	2.7	0.50.	30.
14		SB355 TQ	AG252129.541241.252027.541350.	0.	36.	3	
150	113		3.0 825 29.1 1695 2 3				
16		SB355 Lt	AG252011.541380.252185.541208.	575	2.7	0.30.	30.
17		SB 355 LQ	AG252138.541254.252037.541354.	0.	24.	2	
150	113		3.0 575 29.1 1717 3 3				
18		SB 355Rt	AG251988.541359.252064.541276.	375	2.7	0.30.	30.
19		SB355 Rt	AG252064.541276.252072.541195.	375	2.7	0.30.	30.
20		SB355 RQ	AG252071.541213.252065.541272.	0.	12.	1	
150	1		3.0 375 29.1 1583 3 3				
0		SB355 ALL	AG251967.541411.251749.541631.	1775	2.7	0.56.	30.
0		SB355 ALL	AG251749.541631.251489.541924.	1775	2.7	0.56.	30.
22		SB355 DEP	AG252169.541199.252867.540476.	2000	2.7	0.50.	30.
26		WB124 R	AG252375.541467.252266.541367.	400	2.7	0.30.	30.
27		WB124 R	AG252266.541367.252098.541347.	400	2.7	0.30.	30.
27		WB124 R	AG252152.541353.252260.541366.	0.	12.	1	
150	1		2.0 400 29.1 1583 2 3				
0		WB124 T	AG252173.541258.252575.541627.	1550	2.7	0.68.	30.
2		WB124 T	AG252243.541322.252382.541450.	0.	48.	4	
150	81		2.0 1550 29.1 1602 2 3				
0		WB124 T	AG252577.541628.252910.541920.	1550	2.7	0.68.	30.
0		WB124 DP	AG251503.540503.251834.540947.	2475	2.7	0.56.	30.
0		WB124 DP	AG251834.540947.252171.541256.	2475	2.7	0.56.	30.
29		EB124 ALL	AG251547.540460.251656.540605.	2200	2.7	0.44.	30.
30		EB124 ALL	AG251656.540605.251927.540930.	2200	2.7	0.30.	30.
31		EB124 THRU	AG251927.540930.252210.541203.	625	2.7	0.50.	30.
31		EB124 T	AG252151.541146.252050.541048.	0.	48.	4	

S7B230AM.DAT

1	150	55	2.0	625	29.1	1602	2	3				
33	1	EB124	L	AG251909.540942.252199.541216.	400	2.7	0.	40.	30.			
34	2	EB124	L	AG252142.541162.252051.541076.	0.	12.	2					
	150	123		2.0 400 29.1 1717 2 3								
35	1	EB124	R	AG251949.540907.252119.541075.	1175	2.7	0.	30.	30.			
36	1	EB124	R	AG252119.541075.252156.541093.	1175	2.7	0.	30.	30.			
37	1	EB124	R	AG252156.541093.252267.541096.	1175	2.7	0.	30.	30.			
27	2	EB124	R	AG252229.541095.252164.541093.	0.	12.	1					
	150	55		2.0 1175 29.1 1583 3 3								
41	1	EB124	DEP	AG252210.541203.252343.541322.	1775	2.7	0.	60.	30.			
42	1	EB124	DEP	AG252343.541322.252953.541871.	1775	2.7	0.	60.	30.			
1.0	0.4	1000.	0.0Y	5 0 72								

JOB: S7 B2AM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:05:24.24

RUN: S7 B2 AM30 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	1575.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	550.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	550.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252333.9	541080.0	*	123.	137. AG	192.	100.0	.0	36.0	.75 6.3
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	575.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	575.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252333.0	541184.0	*	3.	161. AG	1.	100.0	.0	12.0	.38 .2
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	575.	2.7	.0	32.0	
9. 7	NB355 Thru*	252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	450.	2.7	.0	44.0	
10. 7	NB355 THRU*	252259.0	541181.0	252372.9	541066.6	*	161.	135. AG	128.	100.0	.0	24.0	.87 8.2
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1250.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1250.	2.7	.0	50.0	
13. 14	NB355 Thru*	251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	825.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252012.9	541365.1	*	170.	317. AG	176.	100.0	.0	36.0	.76 8.6
15. 16	SB355 Lt	* 252111.0	541380.0	252185.0	541208.0	*	245.	135. AG	575.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252006.3	541384.4	*	185.	315. AG	118.	100.0	.0	24.0	.78 9.4
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	375.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	375.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252070.8	541215.0	*	2.	354. AG	1.	100.0	.0	12.0	.25 .1
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1775.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1775.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	2000.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	400.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	400.	2.7	.0	30.0	
25. 27	WB124 R	* 252152.0	541353.0	252154.2	541353.2	*	2.	85. AG	1.	100.0	.0	12.0	.26 .1
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1550.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252369.1	541438.1	*	171.	47. AG	169.	100.0	.0	48.0	.56 8.7
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1550.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2475.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2475.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2200.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2200.	2.7	.0	30.0	
33. 31	EB124 THRU*	251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	625.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	252117.3	541113.3	*	47.	226. AG	114.	100.0	.0	48.0	.16 2.4
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	400.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	252044.2	541069.6	*	135.	227. AG	128.	100.0	.0	12.0	.76 6.8
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	1175.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	1175.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	1175.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	249576.3	541013.4	*	2654.	268. AG	29.	100.0	.0	12.0	1.22 134.8
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	1775.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	1775.	2.7	.0	60.0	

JOB: S7 B2AM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:05:24.24

RUN: S7 B2 AM30 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 150	123	3.0	550	1663	29.10	2	3
7. 5	NB 355 RQ	* 150	1	3.0	575	1583	29.10	2	3
10. 7	NB355 THRU*	150	123	3.0	450	1770	29.10	2	3
14. 14	SB355 TQ	* 150	113	3.0	825	1695	29.10	2	3
16. 17	SB 355 LQ	* 150	113	3.0	575	1717	29.10	3	3
19. 20	SB355 RQ	* 150	1	3.0	375	1583	29.10	3	3
25. 27	WB124 R	* 150	1	2.0	400	1583	29.10	2	3
27. 0	WB124 T	* 150	81	2.0	1550	1602	29.10	2	3
34. 31	EB124 T	* 150	55	2.0	625	1602	29.10	2	3
36. 34	EB124 L	* 150	123	2.0	400	1717	29.10	2	3
40. 27	EB124 R	* 150	55	2.0	1175	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B230AM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B2AM30 355 Montgomery Village

RUN: S7 B2 AM30 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.2	.0
5.	*	.0	.0	.0	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.4	.2	.0
10.	*	.0	.0	.1	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.3	.1
15.	*	.0	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.6	.4	.3	.1
20.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.7	.4	.3	.2
25.	*	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.7	.4	.3	.2
30.	*	.0	.0	.1	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.3	.2
35.	*	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.3	.2
40.	*	.0	.0	.0	.1	.1	.2	.2	.2	.0	.1	.0	.0	.0	.0	.3	.2	.7	.4	.3	.3
45.	*	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.3	.2	.7	.5	.6	.4
50.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.0	.0	.0	.0	.3	.1	.8	.6	.5	.3
55.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.3	.1	.0	.0	.0	.2	.2	.8	.6	.5	.4
60.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.2	.0	.0	.0	.2	.2	.9	.6	.5	.3
65.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.0	.0	.0	.2	.2	.9	.6	.4	.2
70.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.0	.0	.0	.2	.3	1.0	.5	.2	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.4	.1	.0	.0	.2	.5	1.0	.6	.2	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.0	.0	.3	.5	1.0	.4	.2	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.2	.0	.0	.3	.6	1.0	.2	.3	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.2	.1	.0	.3	.7	.9	.2	.6	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.3	.8	.8	.2	.7	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.2	.1	.0	.3	.9	.7	.3	.7	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1	.0	.3	.9	.7	.4	.7	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1	.0	.3	.8	.6	.4	.6	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.4	.1	.1	.0	.2	.7	.8	.4	.5	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.3	.1	.1	.0	.3	.8	.9	.4	.5	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.3	.1	.1	.0	.4	.8	.6	.5	.4	.3
130.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.0	.0	.0	.4	.7	.4	.4	.3	.3
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.1	.1	.1	.3	.5	.3	.4	.3	.3
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	.5	.5	.3	.4	.3	.2	.2	.3	.2	.4	.3	.3
145.	*	.2	.2	.1	.0	.0	.0	.0	.2	.5	.5	.6	.4	.6	.3	.1	.2	.2	.3	.3	.3
150.	*	.2	.2	.2	.1	.0	.0	.0	.2	.5	.6	.6	.3	.5	.3	.0	.1	.2	.2	.3	.3
155.	*	.3	.2	.2	.1	.0	.0	.0	.2	.6	.6	.5	.5	.5	.2	.0	.1	.2	.2	.3	.3
160.	*	.3	.2	.2	.1	.1	.0	.0	.2	.6	.9	.4	.4	.6	.3	.0	.1	.2	.2	.3	.3
165.	*	.2	.2	.2	.2	.1	.0	.0	.2	.6	.9	.4	.4	.7	.2	.0	.1	.2	.2	.3	.3
170.	*	.2	.2	.2	.2	.1	.0	.0	.2	.6	.9	.3	.5	.6	.2	.0	.1	.1	.2	.2	.3
175.	*	.2	.2	.2	.3	.1	.0	.0	.2	.5	.9	.2	.5	.6	.2	.0	.1	.1	.2	.2	.3
180.	*	.2	.2	.1	.3	.2	.0	.0	.2	.7	.9	.1	.6	.6	.2	.0	.1	.1	.1	.2	.3
185.	*	.2	.1	.2	.3	.3	.0	.0	.3	.8	.7	.2	.6	.5	.2	.0	.1	.1	.1	.2	.3
190.	*	.2	.1	.2	.5	.2	.0	.0	.3	.8	.7	.2	.7	.4	.2	.0	.0	.1	.1	.2	.4
195.	*	.2	.1	.2	.5	.2	.0	.0	.3	.8	.4	.3	.7	.3	.2	.0	.0	.1	.1	.2	.4
200.	*	.1	.1	.2	.5	.2	.2	.0	.3	.6	.4	.5	.7	.3	.2	.0	.0	.1	.1	.2	.4
205.	*	.1	.1	.3	.5	.2	.2	.0	.3	.5	.4	.4	.7	.1	.2	.0	.0	.1	.1	.3	.5

1

JOB: S7 B2AM30 355 Montgomery Village

RUN: S7 B2 AM30 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.3	.5	.2	.2	.0	.4	.5	.4	.4	.5	.1	.2	.0	.0	.0	.1	.4	.5
215.	*	.1	.1	.4	.5	.2	.2	.0	.3	.5	.3	.5	.5	.1	.2	.0	.0	.0	.2	.3	.4
220.	*	.1	.1	.4	.5	.2	.2	.1	.3	.4	.4	.5	.5	.1	.2	.0	.0	.0	.2	.3	.4
225.	*	.1	.1	.4	.5	.2	.1	.1	.3	.5	.4	.5	.5	.1	.2	.0	.0	.0	.1	.2	.3
230.	*	.1	.1	.5	.5	.1	.1	.1	.3	.4	.3	.4	.5	.1	.2	.0	.0	.0	.0	.1	.3
235.	*	.1	.1	.5	.4	.3	.3	.3	.3	.3	.2	.4	.4	.2	.2	.0	.0	.0	.0	.1	.2
240.	*	.1	.1	.5	.4	.2	.3	.3	.1	.2	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.1
245.	*	.1	.1	.6	.5	.2	.3	.4	.1	.2	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.1
250.	*	.1	.1	.6	.5	.2	.4	.4	.1	.1	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.1
255.	*	.1	.1	.6	.5	.3	.5	.4	.1	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.1
260.	*	.2	.1	.6	.3	.3	.4	.4	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1
265.	*	.2	.3	.7	.2	.3	.5	.3	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.1
270.	*	.2	.3	.7	.4	.3	.5	.3	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.1
275.	*	.2	.4	.7	.4	.5	.4	.3	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.1
280.	*	.2	.6	.7	.4	.5	.4	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.6	.5	.4	.4	.4	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.2	.5	.5	.4	.4	.4	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.2	.5	.3	.4	.4	.4	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
300.	*	.2	.5	.4	.4	.4	.4	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0
305.	*	.3	.4	.4	.2	.4	.4	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
310.	*	.2	.3	.1	.3	.5	.4	.2	.0	.0	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0
315.	*	.1	.2	.0	.3	.4	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
320.	*	.0	.0	.1	.3	.4	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
325.	*	.0	.1	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.1	.0	.0
330.	*	.0	.1	.1	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0
335.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.2	.0	.0
340.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.2	.0	.0
345.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.0	.0
350.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.3	.1	.0
355.	*	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.1	.0

S7B230AM.OUT

360.	*	.0	.0	.1	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.2	.0
MAX	*	.3	.6	.7	.5	.5	.5	.4	.4	.8	.9	.6	.7	.7	.3	.4	.9	1.0	.6	.7
DEGR.	*	155	280	265	190	275	255	245	210	185	160	145	190	165	145	125	100	70	50	95

1

JOB: S7 B2AM30 355 Montgomery Village

RUN: S7 B2 AM30 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.5	.7	.3	.7	.7	.2
5.	*	.0	.3	.7	.7	.4	.7	.6	.2
10.	*	.0	.2	.7	.6	.6	.8	.4	.1
15.	*	.0	.2	.6	.5	.6	.8	.4	.1
20.	*	.0	.2	.6	.6	.7	.7	.3	.1
25.	*	.0	.2	.5	.5	.7	.7	.3	.1
30.	*	.1	.2	.5	.5	.7	.8	.3	.1
35.	*	.2	.1	.5	.5	.8	.7	.2	.1
40.	*	.3	.0	.3	.5	.7	.7	.2	.1
45.	*	.3	.0	.3	.4	.7	.7	.2	.1
50.	*	.3	.0	.2	.5	.7	.6	.2	.1
55.	*	.3	.0	.3	.4	.7	.6	.2	.1
60.	*	.3	.0	.3	.3	.8	.5	.2	.1
65.	*	.3	.0	.3	.3	.8	.4	.2	.1
70.	*	.3	.0	.2	.3	.7	.4	.2	.1
75.	*	.2	.0	.1	.3	.7	.4	.2	.1
80.	*	.3	.0	.0	.3	.6	.3	.2	.1
85.	*	.3	.0	.0	.3	.5	.3	.2	.1
90.	*	.3	.0	.0	.1	.5	.2	.2	.2
95.	*	.2	.0	.0	.1	.4	.2	.2	.2
100.	*	.3	.0	.1	.1	.4	.2	.2	.2
105.	*	.3	.0	.1	.1	.3	.2	.2	.3
110.	*	.3	.0	.0	.1	.2	.2	.3	.3
115.	*	.3	.0	.0	.1	.1	.3	.3	.3
120.	*	.3	.0	.0	.1	.1	.3	.3	.3
125.	*	.3	.0	.0	.1	.1	.3	.3	.2
130.	*	.3	.0	.0	.0	.1	.3	.3	.1
135.	*	.3	.0	.0	.0	.1	.2	.2	.1
140.	*	.3	.0	.0	.0	.1	.2	.2	.1
145.	*	.3	.0	.0	.0	.0	.1	.1	.0
150.	*	.3	.0	.0	.0	.0	.1	.1	.0
155.	*	.3	.0	.0	.0	.0	.1	.1	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.3	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.4	.0	.0	.0	.0	.0	.0	.0
185.	*	.4	.0	.0	.0	.0	.0	.0	.0
190.	*	.4	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S7 B2AM30 355 Montgomery Village

RUN: S7 B2 AM30 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.0	.0	.0
220.	*	.2	.1	.2	.2	.0	.0	.0	.0
225.	*	.1	.1	.3	.3	.0	.0	.0	.0
230.	*	.1	.2	.4	.4	.0	.0	.0	.0
235.	*	.1	.3	.4	.4	.0	.0	.0	.0
240.	*	.0	.3	.4	.3	.1	.0	.0	.0
245.	*	.0	.3	.4	.4	.1	.0	.0	.0
250.	*	.0	.3	.3	.4	.3	.0	.0	.0
255.	*	.0	.3	.3	.4	.3	.0	.0	.0
260.	*	.0	.3	.3	.4	.4	.0	.0	.0
265.	*	.0	.3	.3	.4	.4	.0	.0	.0
270.	*	.0	.3	.2	.4	.4	.2	.0	.0
275.	*	.0	.2	.2	.3	.5	.2	.0	.0
280.	*	.0	.2	.2	.3	.6	.3	.0	.0
285.	*	.0	.2	.2	.4	.6	.3	.0	.0
290.	*	.0	.2	.2	.4	.5	.3	.0	.0
295.	*	.0	.2	.2	.4	.5	.2	.0	.0
300.	*	.0	.2	.2	.4	.5	.4	.1	.0
305.	*	.0	.2	.2	.4	.5	.4	.1	.0
310.	*	.0	.2	.2	.3	.5	.4	.2	.1
315.	*	.0	.2	.2	.3	.6	.5	.3	.1
320.	*	.0	.2	.2	.4	.7	.5	.4	.1
325.	*	.0	.2	.2	.4	.7	.5	.4	.3
330.	*	.0	.2	.2	.4	.6	.6	.7	.4
335.	*	.0	.2	.2	.5	.5	.4	.6	.3
340.	*	.0	.1	.2	.5	.6	.3	.5	.2
345.	*	.0	.2	.2	.6	.6	.5	.6	.2
350.	*	.0	.3	.4	.6	.4	.6	.7	.2
355.	*	.0	.3	.4	.7	.3	.7	.7	.2
360.	*	.0	.3	.5	.7	.3	.7	.7	.2

```

-----*-----
MAX * .4 .3 .7 .8 .8 .7 .4
DEGR. * 180 0 5 0 35 10 0 330

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 70 DEGREES FROM REC17.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 160 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 100 DEGREES FROM REC16.

1

PAGE 7

JOB: S7 B2AM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:05:24.24

RUN: S7 B2 AM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 155	REC2 280	REC3 265	REC4 190	REC5 275	REC6 255	REC7 245	REC8 210	REC9 185	REC10 160	REC11 145	REC12 190	REC13 165	REC14 145	REC15 125	REC16 100	REC17 70	REC18 50	REC19 95	REC20 95
1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
14	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.1	.1	.3	.4	.3	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.3	.2	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
27	.0	.0	.0	.0	.1	.1	.1	.1	.5	.4	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
41	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

JOB: S7 B2AM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:05:24.24

RUN: S7 B2 AM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 180	REC22 0	REC23 5	REC24 0	REC25 35	REC26 10	REC27 0	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.2	.3	.2	.1
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.2	.2	.1
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.1	.1	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.1	.2	.2	.2
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.1	.1	.1	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.3	.0	.0	.0	.0	.0	.0	.0

30	*	.0	.1	.1	.1	.0	.0	.0	S7B230AM.OUT
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.2	.0	.0	.0	.0	.0	
33	*	.0	.0	.1	.0	.0	.0	.0	
34	*	.0	.0	.0	.1	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.1	.2	.0	.0	.0	
37	*	.0	.0	.2	.1	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	
40	*	.0	.0	.0	.0	.1	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.1	.0	.0	

S7B230PM.DAT

S7 B2PM30	355	Montgomery Village	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE Corne	252611.	540877.	5.
REC 2	164'	SE Corner	252447.	541059.	5.
REC 3	82'	SE Corner	252389.	541125.	5.
REC 4		SE Corner	252352.	541210.	5.
REC 5	82'	ES Corner	252381.	541289.	5.
REC 6	164'	ES Corner	252440.	541354.	5.
REC 7	400'	ES Corner	252614.	541514.	5.
REC 8	400'	EN Corner	252529.	541615.	5.
REC 9	164'	EN Corner	252336.	541468.	5.
REC 10	82'	EN Corner	252268.	541404.	5.
REC 11		NE Corner	252188.	541383.	5.
REC 12	82'	EN Corne	252094.	541407.	5.
REC 13	164'	EN Corne	252029.	541465.	5.
14	400'	EN Corner	251875.	541630.	5.
15	400'	NW Corner	251801.	541535.	5.
REC 16	164'	NW Corne	251962.	541364.	5.
REC 17	82'	NW Corner	252010.	541303.	5.
REC 18		NW Corner	252037.	541231.	5.
REC 19	82'	WN Corner	252012.	541165.	5.
REC 20	164'	WN Corne	251951.	541107.	5.
REC 21	400'	WN Corne	251785.	540934.	5.
REC 22	400'	WS Corne	251882.	540819.	5.
REC 23	164'	WS Corne	252050.	540989.	5.
REC 24	82'	WS Corner	252107.	541046.	5.
REC 25		SW Corner	252199.	541083.	5.
REC 26	82'	SW Corner	252278.	541046.	5.
REC 27	64'	SW Corner	252337.	540986.	5.
REC 28	400'	SW Corne	252494.	540799.	5.

S7 B2 PM30	355 & Montgomery Village	42	1	1

1					
1	NB 355	ALL	AG252908.540515.252647.540790.	2150	2.7 0.56.0 30.
2					
1	NB355 Lt	AG252637.540781.252584.540811.	1075	2.7 0.56.0 30.	
11					
2	NB355 Lt	AG252584.540811.252204.541220.	1075	2.7 0.56.0 30.	
0					
110	NB 355 LQ	AG252250.541170.252372.541039.	0.	36. 3	
	73	3.0 1075 29.1 1663 2 3			
1					
3	NB355 Rt	AG252655.540797.252357.541114.	75	2.7 0.32.0 30.	
1					
0	NB355 Rt	AG252357.541114.252330.541193.	75	2.7 0.32.0 30.	
2					
5	NB 355 RQ	AG252332.541187.252357.541115.	0.	12. 1	
110	1	3.0 75 29.1 1583 2 3			
1					
6	NB355 Rt	AG252330.541193.252343.541322.	75	2.7 0.32.0 30.	
1					
7	NB355 Thru	AG252647.540790.252212.541230.	1000	2.7 0.44.0 30.	
2					
7	NB355 THRU	AG252259.541181.252473.540966.	0.	24. 2	
110	70	3.0 1000 29.1 1770 2 3			
1					
9	NB355 DEP	AG252212.541230.252048.541400.	1850	2.7 0. 50. 30.	
1					
10	NB355 DEP	AG252048.541400.251521.541953.	1850	2.7 0. 50. 30.	
1					
14	SB355 Thru	AG251970.541410.252169.541199.	600	2.7 0. 50. 30.	
2					
14	SB355 TQ	AG252129.541241.252027.541350.	0.	36. 3	
110	70	3.0 600 29.1 1695 2 3			
1					
16	SB355 Lt	AG252011.541380.252185.541208.	425	2.7 0. 30. 30.	
2					
17	SB 355 LQ	AG252138.541254.252037.541354.	0.	24. 2	
110	73	3.0 425 29.1 1717 3 3			
1					
18	SB 355Rt	AG251988.541359.252064.541276.	500	2.7 0. 30. 30.	
1					
19	SB355 Rt	AG252064.541276.252072.541195.	500	2.7 0. 30. 30.	
2					
20	SB355 RQ	AG252071.541213.252065.541272.	0.	12. 1	
110	1	3.0 500 29.1 1583 3 3			
1					
0	SB355 ALL	AG251967.541411.251749.541631.	1525	2.7 0. 56. 30.	
1					
0	SB355 ALL	AG251749.541631.251489.541924.	1525	2.7 0. 56. 30.	
1					
22	SB355 DEP	AG252169.541199.252867.540476.	1250	2.7 0. 50. 30.	
1					
26	WB124 R	AG252375.541467.252266.541367.	600	2.7 0. 30. 30.	
1					
27	WB124 R	AG252266.541367.252098.541347.	600	2.7 0. 30. 30.	
2					
27	WB124 R	AG252152.541353.252260.541366.	0.	12. 1	
110	1	2.0 600 29.1 1583 2 3			
1					
0	WB124 T	AG252173.541258.252575.541627.	1100	2.7 0. 68. 30.	
2					
110	WB124 T	AG252243.541322.252382.541450.	0.	48. 4	
81		2.0 1100 29.1 1602 2 3			
1					
0	WB124 T	AG252577.541628.252910.541920.	1100	2.7 0. 68. 30.	
1					
0	WB124 DP	AG251503.540503.251834.540947.	2675	2.7 0. 56. 30.	
1					
0	WB124 DP	AG251834.540947.252171.541256.	2675	2.7 0. 56. 30.	
1					
29	EB124 ALL	AG251547.540460.251656.540605.	2900	2.7 0. 44. 30.	
1					
30	EB124 ALL	AG251656.540605.251927.540930.	2900	2.7 0. 30. 30.	
1					
31	EB124 THRU	AG251927.540930.252210.541203.	2500	2.7 0. 50. 30.	
2					
31	EB124 T	AG252151.541146.252050.541048.	0.	48. 4	

S7B230PM.DAT

	110	68	2.0 2500	29.1 1602 2 3			
1							
33	EB124 L	AG251909.540942.252199.541216.	250 2.7	0. 40.	30.		
2							
34	EB124 L	AG252142.541162.252051.541076.	0. 12.	2			
110	103	2.0 250 29.1 1717 2 3					
1							
35	EB124 R	AG251949.540907.252119.541075.	650 2.7	0. 30.	30.		
1							
36	EB124 R	AG252119.541075.252156.541093.	650 2.7	0. 30.	30.		
1							
37	EB124 R	AG252156.541093.252267.541096.	650 2.7	0. 30.	30.		
2							
27	EB124 R	AG252229.541095.252164.541093.	0. 12.	1			
110	68	2.0 650 29.1 1583 3 3					
1							
41	EB124 DEP	AG252210.541203.252343.541322.	2500 2.7	0. 60.	30.		
1							
42	EB124 DEP	AG252343.541322.252953.541871.	2500 2.7	0. 60.	30.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S7 B2PM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:06:59.31

RUN: S7 B2 PM30 355 & Montgomery Village

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355 ALL	* 252908.0	540515.0	252647.0	540790.0	*	379.	316. AG	2150.	2.7	.0	56.0	
2. 2	NB355 Lt	* 252637.0	540781.0	252584.0	540811.0	*	61.	299. AG	1075.	2.7	.0	56.0	
3. 11	NB355 Lt	* 252584.0	540811.0	252204.0	541220.0	*	558.	317. AG	1075.	2.7	.0	56.0	
4. 0	NB 355 LQ	* 252250.0	541170.0	252347.4	541065.5	*	143.	137. AG	155.	100.0	.0	36.0	.74 7.3
5. 3	NB355 Rt	* 252655.0	540797.0	252357.0	541114.0	*	435.	317. AG	75.	2.7	.0	32.0	
6. 0	NB355 Rt	* 252357.0	541114.0	252330.0	541193.0	*	83.	341. AG	75.	2.7	.0	32.0	
7. 5	NB 355 RQ	* 252332.0	541187.0	252332.1	541186.6	*	0.	162. AG	1.	100.0	.0	12.0	.05 .0
8. 6	NB355 Rt	* 252330.0	541193.0	252343.0	541322.0	*	130.	6. AG	75.	2.7	.0	32.0	
9. 7	NB355 Thru	* 252647.0	540790.0	252212.0	541230.0	*	619.	315. AG	1000.	2.7	.0	44.0	
10. 7	NB355 Thru	* 252259.0	541181.0	252403.8	541035.6	*	205.	135. AG	99.	100.0	.0	24.0	.89 10.4
11. 9	NB355 DEP	* 252212.0	541230.0	252048.0	541400.0	*	236.	316. AG	1850.	2.7	.0	50.0	
12. 10	NB355 DEP	* 252048.0	541400.0	251521.0	541953.0	*	764.	316. AG	1850.	2.7	.0	50.0	
13. 14	SB355 Thru	* 251970.0	541410.0	252169.0	541199.0	*	290.	137. AG	600.	2.7	.0	50.0	
14. 14	SB355 TQ	* 252129.0	541241.0	252076.7	541296.9	*	77.	317. AG	149.	100.0	.0	36.0	.37 3.9
15. 16	SB355 Lt	* 252011.0	541380.0	252185.0	541208.0	*	245.	135. AG	425.	2.7	.0	30.0	
16. 17	SB 355 LQ	* 252138.0	541254.0	252077.9	541313.5	*	85.	315. AG	104.	100.0	.0	24.0	.42 4.3
17. 18	SB 355Rt	* 251988.0	541359.0	252064.0	541276.0	*	113.	138. AG	500.	2.7	.0	30.0	
18. 19	SB355 Rt	* 252064.0	541276.0	252072.0	541195.0	*	81.	174. AG	500.	2.7	.0	30.0	
19. 20	SB355 RQ	* 252071.0	541213.0	252070.7	541215.7	*	3.	354. AG	1.	100.0	.0	12.0	.33 .1
20. 0	SB355 ALL	* 251967.0	541411.0	251749.0	541631.0	*	310.	315. AG	1525.	2.7	.0	56.0	
21. 0	SB355 ALL	* 251749.0	541631.0	251489.0	541924.0	*	392.	318. AG	1525.	2.7	.0	56.0	
22. 22	SB355 DEP	* 252169.0	541199.0	252867.0	540476.0	*	1005.	136. AG	1250.	2.7	.0	50.0	
23. 26	WB124 R	* 252375.0	541467.0	252266.0	541367.0	*	148.	227. AG	600.	2.7	.0	30.0	
24. 27	WB124 R	* 252266.0	541367.0	252098.0	541347.0	*	169.	263. AG	600.	2.7	.0	30.0	
25. 27	WB124 T	* 252152.0	541353.0	252155.3	541353.4	*	3.	83. AG	1.	100.0	.0	12.0	.40 .2
26. 0	WB124 T	* 252173.0	541258.0	252575.0	541627.0	*	546.	47. AG	1100.	2.7	.0	68.0	
27. 0	WB124 T	* 252243.0	541322.0	252332.6	541404.6	*	122.	47. AG	230.	100.0	.0	48.0	.76 6.2
28. 0	WB124 T	* 252577.0	541628.0	252910.0	541920.0	*	443.	49. AG	1100.	2.7	.0	68.0	
29. 0	WB124 DP	* 251503.0	540503.0	251834.0	540947.0	*	554.	37. AG	2675.	2.7	.0	56.0	
30. 0	WB124 DP	* 251834.0	540947.0	252171.0	541256.0	*	457.	47. AG	2675.	2.7	.0	56.0	
31. 29	EB124 ALL	* 251547.0	540460.0	251656.0	540605.0	*	181.	37. AG	2900.	2.7	.0	44.0	
32. 30	EB124 ALL	* 251656.0	540605.0	251927.0	540930.0	*	423.	40. AG	2900.	2.7	.0	30.0	
33. 31	EB124 Thru	* 251927.0	540930.0	252210.0	541203.0	*	393.	46. AG	2500.	2.7	.0	50.0	
34. 31	EB124 T	* 252151.0	541146.0	251409.1	540426.4	*	1034.	226. AG	193.	100.0	.0	48.0	1.13 52.5
35. 33	EB124 L	* 251909.0	540942.0	252199.0	541216.0	*	399.	47. AG	250.	2.7	.0	40.0	
36. 34	EB124 L	* 252142.0	541162.0	251473.7	540530.6	*	919.	227. AG	146.	100.0	.0	12.0	2.72 46.7
37. 35	EB124 R	* 251949.0	540907.0	252119.0	541075.0	*	239.	45. AG	650.	2.7	.0	30.0	
38. 36	EB124 R	* 252119.0	541075.0	252156.0	541093.0	*	41.	64. AG	650.	2.7	.0	30.0	
39. 37	EB124 R	* 252156.0	541093.0	252267.0	541096.0	*	111.	88. AG	650.	2.7	.0	30.0	
40. 27	EB124 R	* 252229.0	541095.0	250829.0	541052.0	*	1401.	268. AG	48.	100.0	.0	12.0	1.19 71.2
41. 41	EB124 DEP	* 252210.0	541203.0	252343.0	541322.0	*	178.	48. AG	2500.	2.7	.0	60.0	
42. 42	EB124 DEP	* 252343.0	541322.0	252953.0	541871.0	*	821.	48. AG	2500.	2.7	.0	60.0	

JOB: S7 B2PM30 355 Montgomery Village
DATE: 12/26/2006 TIME: 14:06:59.31

RUN: S7 B2 PM30 355 & Montgomery Village

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 0	NB 355 LQ	* 110	73	3.0	1075	1663	29.10	2	3
7. 5	NB 355 RQ	* 110	1	3.0	75	1583	29.10	2	3
10. 7	NB355 Thru	* 110	70	3.0	1000	1770	29.10	2	3
14. 14	SB355 TQ	* 110	70	3.0	600	1695	29.10	2	3
16. 17	SB 355 LQ	* 110	73	3.0	425	1717	29.10	3	3
19. 20	SB355 RQ	* 110	1	3.0	500	1583	29.10	3	3
25. 27	WB124 R	* 110	1	2.0	600	1583	29.10	2	3
27. 0	WB124 T	* 110	81	2.0	1100	1602	29.10	2	3
34. 31	EB124 T	* 110	68	2.0	2500	1602	29.10	2	3
36. 34	EB124 L	* 110	103	2.0	250	1717	29.10	2	3
40. 27	EB124 R	* 110	68	2.0	650	1583	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE Corne	*	252611.0	540877.0	5.0	*
2. REC 2 164' SE Corner	*	252447.0	541059.0	5.0	*
3. REC 3 82' SE Corner	*	252389.0	541125.0	5.0	*
4. REC 4 SE Corner	*	252352.0	541210.0	5.0	*
5. REC 5 82' ES Corner	*	252381.0	541289.0	5.0	*
6. REC 6 164' ES Corner	*	252440.0	541354.0	5.0	*
7. REC 7 400' ES Corner	*	252614.0	541514.0	5.0	*
8. REC 8 400' EN Corner	*	252529.0	541615.0	5.0	*
9. REC 9 164' EN Corner	*	252336.0	541468.0	5.0	*
10. REC 10 82' EN Corner	*	252268.0	541404.0	5.0	*
11. REC 11 NE Corner	*	252188.0	541383.0	5.0	*
12. REC 12 82' EN Corner	*	252094.0	541407.0	5.0	*
13. REC 13 164' EN Corne	*	252029.0	541465.0	5.0	*
14. 14 400' EN Corner	*	251875.0	541630.0	5.0	*
15. 15 400' NW Corner	*	251801.0	541535.0	5.0	*
16. REC 16 164' NW Corne	*	251962.0	541364.0	5.0	*
17. REC 17 82' NW Corner	*	252010.0	541303.0	5.0	*
18. REC 18 NW Corner	*	252037.0	541231.0	5.0	*
19. REC 19 82' WN Corner	*	252012.0	541165.0	5.0	*
20. REC 20 164' WN Corne	*	251951.0	541107.0	5.0	*

21. REC 21 400' WN Corne * 251785.0 540934.0 5.0 * S7B230PM.OUT
 22. REC 22 400' WS Corne * 251882.0 540819.0 5.0 *
 23. REC 23 164' WS Corne * 252050.0 540989.0 5.0 *
 24. REC 24 82' WS Corner * 252107.0 541046.0 5.0 *
 25. REC 25 SW Corner * 252199.0 541083.0 5.0 *
 26. REC 26 82' SW Corner * 252278.0 541046.0 5.0 *
 27. REC 27 64' SW Corner * 252337.0 540986.0 5.0 *
 28. REC 28 400' SW Corne * 252494.0 540799.0 5.0 *

1

JOB: S7 B2PM30 355 Montgomery Village

RUN: S7 B2 PM30 355 & Montgomery Village

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
5.	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
10.	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
15.	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0
20.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.1	.0
25.	.0	.1	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.1	.0
30.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.2	.0
35.	.0	.0	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.2	.1
40.	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1	.4	.3	.2
45.	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0	.0	.2	.1	.1	.5	.4	.3
50.	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.1	.5	.5	.4
55.	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0	.0	.2	.1	.1	.6	.5	.4
60.	.0	.0	.0	.0	.0	.1	.1	.3	.2	.3	.1	.0	.0	.0	.2	.1	.1	.7	.5	.4
65.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.0	.0	.0	.2	.0	.3	.7	.5	.4
70.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.3	.1	.0	.0	.2	.0	.3	.7	.3	.6
75.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.4	.1	.0	.0	.2	.2	.4	.7	.3	.6
80.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.4	.2	.0	.0	.2	.3	.4	.7	.3	.8
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.2	.1	.0	.2	.2	.4	.3	.6	.8
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.0	.0	.2	.3	.4	.3	.6	.8
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.3	.1	.0	.3	.3	.5	.3	.7	.9
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.1	.0	.3	.3	.5	.2	.8	.8
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.2	.1	.0	.3	.3	.4	.4	.8	.9
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.1	.0	.3	.4	.4	.4	.7	.9
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.1	.1	.0	.3	.4	.5	.5	.6	.8
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.6	.1	.1	.0	.3	.4	.5	.6	.7	.8
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.1	.0	.2	.4	.4	.6	.8	.8
130.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.6	.2	.2	.1	.1	.3	.4	.5	.8	.8
135.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.5	.2	.1	.1	.1	.3	.5	.5	.8	.8
140.	.1	.0	.0	.0	.0	.0	.0	.2	.2	.8	.5	.2	.2	.1	.2	.3	.4	.5	.8	.8
145.	.1	.1	.1	.0	.0	.0	.0	.2	.2	.8	.5	.2	.2	.2	.2	.2	.4	.5	.8	.8
150.	.1	.2	.2	.0	.0	.0	.0	.2	.2	.8	.5	.2	.3	.2	.1	.3	.4	.5	.8	.8
155.	.3	.3	.3	.0	.0	.0	.0	.2	.2	.8	.5	.2	.5	.3	.1	.3	.4	.5	.8	.8
160.	.3	.3	.4	.1	.0	.0	.0	.2	.3	.9	.4	.5	.6	.4	.1	.3	.5	.5	.8	.8
165.	.3	.3	.4	.2	.0	.0	.0	.2	.3	1.0	.3	.6	.5	.4	.1	.3	.5	.5	.8	.8
170.	.2	.3	.4	.2	.0	.0	.0	.2	.3	1.0	.2	.7	.6	.4	.2	.3	.5	.5	.8	.8
175.	.2	.3	.4	.2	.0	.0	.0	.2	.4	1.0	.1	.8	.4	.4	.2	.3	.5	.5	.9	.9
180.	.2	.3	.4	.2	.1	.0	.0	.2	.6	.9	.3	.8	.5	.5	.2	.3	.5	.5	.9	.9
185.	.2	.3	.5	.2	.2	.0	.0	.2	.7	.8	.4	.9	.5	.5	.1	.3	.4	.6	.9	.9
190.	.2	.3	.4	.3	.2	.0	.0	.2	.8	.7	.5	.8	.5	.4	.1	.4	.4	.7	.9	.9
195.	.2	.2	.4	.3	.2	.0	.0	.2	.8	.7	.6	.7	.3	.4	.1	.3	.4	.7	.9	.9
200.	.2	.2	.4	.3	.2	.2	.0	.2	.8	.8	.7	.5	.3	.3	.1	.2	.4	.8	1.1	.9
205.	.2	.2	.5	.3	.2	.2	.0	.3	.9	.9	.9	.5	.3	.2	.0	.2	.4	.7	1.0	1.0

1

JOB: S7 B2PM30 355 Montgomery Village

RUN: S7 B2 PM30 355 & Montgomery Village

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.5	.3	.2	.2	.0	.5	.9	.8	.9	.5	.3	.2	.0	.2	.4	.6	1.1	1.0
215.	.2	.2	.5	.4	.3	.3	.1	.6	1.0	.8	.8	.3	.2	.2	.0	.1	.2	.5	1.0	1.0
220.	.3	.2	.6	.4	.5	.3	.2	.5	.8	.9	.8	.2	.2	.2	.0	.0	.1	.5	.7	.7
225.	.3	.2	.7	.6	.5	.5	.3	.5	.6	.7	.7	.1	.2	.2	.0	.0	.0	.3	.5	.5
230.	.3	.2	.7	.6	.6	.6	.4	.5	.4	.5	.5	.1	.2	.2	.0	.0	.0	.1	.4	.5
235.	.3	.4	.9	.8	.6	.7	.5	.3	.2	.4	.4	.1	.2	.2	.0	.0	.0	.0	.2	.2
240.	.3	.4	.9	.7	.6	.6	.5	.1	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	.1	.2
245.	.3	.5	1.0	.9	.5	.6	.4	.1	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.1	.2
250.	.4	.6	1.1	.8	.6	.6	.4	.1	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.1	.2
255.	.4	.6	1.2	.7	.3	.4	.5	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.1	.2
260.	.4	.8	1.3	.4	.3	.5	.3	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2
265.	.4	.9	1.3	.4	.2	.4	.3	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.1	.2
270.	.5	.9	1.2	.2	.3	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
275.	.5	1.0	1.1	.2	.3	.5	.2	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.1
280.	.4	1.0	.9	.3	.3	.4	.2	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.1
285.	.4	.7	.7	.3	.4	.4	.2	.0	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0
290.	.4	.7	.4	.2	.3	.4	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
295.	.4	.6	.3	.2	.3	.3	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
300.	.3	.6	.2	.2	.4	.3	.2	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0
305.	.4	.3	.2	.2	.5	.3	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	.4	.2	.1	.2	.5	.2	.2	.0	.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0
315.	.1	.2	.1	.2	.5	.2	.2	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0
320.	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0
325.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.1	.0	.0
330.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.1	.0	.0
335.	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0
340.	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0
345.	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0
350.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.0
355.	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0

															S7B230PM.OUT									
360.	*	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0				
MAX	*	.5	1.0	1.3	.9	.6	.7	.5	.6	1.0	1.0	.9	.9	.6	.5	.3	.4	.5	.8	1.1	1.0			
DEGR.	*	270	275	260	245	230	235	235	215	215	165	205	185	160	180	95	110	95	200	200	205			

1

JOB: S7 B2PM30 355 Montgomery Village

RUN: S7 B2 PM30 355 & Montgomery Village

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	1.0	1.2	1.3	.6	.8	.6	.2
5.	*	.0	1.0	1.2	1.3	.7	.8	.5	.2
10.	*	.0	1.1	1.2	1.1	.7	.8	.4	.2
15.	*	.0	1.2	1.2	1.1	.6	.7	.5	.2
20.	*	.0	1.1	1.2	1.1	.7	.7	.5	.2
25.	*	.0	1.1	1.1	1.0	.7	.7	.4	.2
30.	*	.1	1.1	1.0	.9	.8	.7	.4	.2
35.	*	.2	1.0	.9	.8	.8	.7	.3	.2
40.	*	.3	.6	.8	.7	.8	.7	.3	.2
45.	*	.4	.5	.5	.6	.8	.6	.3	.2
50.	*	.5	.3	.4	.4	.8	.6	.3	.2
55.	*	.7	.1	.3	.2	.7	.5	.3	.2
60.	*	.7	.1	.1	.3	.6	.5	.2	.1
65.	*	.8	.0	.1	.3	.6	.5	.2	.1
70.	*	.9	.0	.1	.2	.6	.5	.2	.1
75.	*	1.0	.0	.1	.2	.6	.4	.2	.1
80.	*	.9	.0	.0	.2	.6	.4	.2	.1
85.	*	.9	.0	.0	.2	.6	.4	.2	.1
90.	*	.9	.0	.0	.1	.5	.4	.2	.1
95.	*	.9	.0	.0	.0	.4	.3	.2	.1
100.	*	.8	.0	.0	.0	.5	.3	.2	.2
105.	*	.8	.0	.0	.0	.4	.3	.2	.2
110.	*	.8	.0	.0	.0	.2	.3	.3	.2
115.	*	.8	.0	.0	.0	.1	.3	.3	.2
120.	*	.8	.0	.0	.0	.1	.3	.3	.2
125.	*	.8	.0	.0	.0	.1	.3	.2	.2
130.	*	.8	.0	.0	.0	.1	.2	.2	.1
135.	*	.8	.0	.0	.0	.1	.2	.2	.1
140.	*	.8	.0	.0	.0	.0	.1	.1	.0
145.	*	.8	.0	.0	.0	.0	.1	.1	.0
150.	*	.8	.0	.0	.0	.0	.1	.1	.0
155.	*	.8	.0	.0	.0	.0	.0	.0	.0
160.	*	.8	.0	.0	.0	.0	.0	.0	.0
165.	*	.8	.0	.0	.0	.0	.0	.0	.0
170.	*	.9	.0	.0	.0	.0	.0	.0	.0
175.	*	.9	.0	.0	.0	.0	.0	.0	.0
180.	*	.9	.0	.0	.0	.0	.0	.0	.0
185.	*	.9	.0	.0	.0	.0	.0	.0	.0
190.	*	.9	.0	.0	.0	.0	.0	.0	.0
195.	*	.9	.0	.0	.0	.0	.0	.0	.0
200.	*	1.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.8	.0	.0	.0	.0	.0	.0	.0

1

JOB: S7 B2PM30 355 Montgomery Village

RUN: S7 B2 PM30 355 & Montgomery Village

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.8	.1	.1	.2	.0	.0	.0	.0
215.	*	.6	.2	.4	.3	.1	.0	.0	.0
220.	*	.5	.3	.6	.6	.1	.0	.0	.0
225.	*	.4	.7	.7	.8	.3	.1	.0	.0
230.	*	.2	.8	1.1	1.2	.5	.1	.0	.0
235.	*	.1	.9	1.2	1.3	.7	.3	.1	.0
240.	*	.0	1.1	1.3	1.4	.8	.3	.1	.0
245.	*	.0	1.1	1.3	1.3	.7	.3	.2	.0
250.	*	.0	1.1	1.4	1.3	.9	.3	.3	.1
255.	*	.0	1.1	1.2	1.3	.9	.4	.3	.1
260.	*	.0	1.1	1.2	1.2	.9	.4	.3	.1
265.	*	.0	1.0	1.2	1.3	1.1	.6	.3	.1
270.	*	.0	1.0	1.2	1.3	1.1	.6	.3	.2
275.	*	.0	1.0	1.1	1.3	1.2	.6	.3	.2
280.	*	.0	1.0	1.2	1.2	1.0	.6	.5	.2
285.	*	.0	1.0	1.2	1.2	1.0	.6	.5	.2
290.	*	.0	1.0	1.2	1.2	.9	.6	.4	.1
295.	*	.0	1.0	1.2	1.2	.9	.6	.4	.1
300.	*	.0	1.0	1.2	1.2	.9	.5	.3	.1
305.	*	.0	1.0	1.2	1.2	.9	.5	.4	.1
310.	*	.0	1.0	1.2	1.2	.9	.4	.2	.1
315.	*	.0	1.0	1.1	1.2	.8	.4	.2	.1
320.	*	.0	1.0	1.1	1.2	.8	.3	.2	.1
325.	*	.0	1.0	1.1	1.2	.8	.2	.3	.2
330.	*	.0	1.0	1.1	1.2	.7	.1	.4	.4
335.	*	.0	1.0	1.1	1.2	.7	.2	.6	.4
340.	*	.0	1.0	1.1	1.2	.7	.2	.6	.2
345.	*	.0	1.0	1.1	1.2	.7	.6	.6	.2
350.	*	.0	1.0	1.1	1.3	.6	.7	.6	.2
355.	*	.0	1.0	1.1	1.3	.6	.7	.6	.2
360.	*	.0	1.0	1.2	1.3	.6	.8	.6	.2

```

-----*-----
MAX * 1.0 1.2 1.4 1.4 1.2 .8 .6 .4
DEGR. * 75 15 250 240 275 0 0 330

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 250 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 240 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 260 DEGREES FROM REC3 .

1

PAGE 7

JOB: S7 B2PM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:06:59.31

RUN: S7 B2 PM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 270	REC2 275	REC3 260	REC4 245	REC5 230	REC6 235	REC7 235	REC8 215	REC9 215	REC10 165	REC11 205	REC12 185	REC13 160	REC14 180	REC15 95	REC16 110	REC17 95	REC18 200	REC19 200	REC20 205
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.1	.3	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.2	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
30	*	.0	.0	.1	.1	.0	.1	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.2	.3	.2	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
33	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	
34	*	.1	.1	.2	.3	.2	.2	.1	.1	.2	.0	.2	.2	.1	.1	.0	.0	.3	.3	.3	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.0	.0	.2	.2	.2	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
41	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 8

JOB: S7 B2PM30 355 Montgomery Village
 DATE: 12/26/2006 TIME: 14:06:59.31

RUN: S7 B2 PM30 355 & Montgomery Village

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 75	REC22 15	REC23 250	REC24 240	REC25 275	REC26 0	REC27 0
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.1	.1
4	*	.0	.0	.0	.0	.0	.3	.1
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.1	.1
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.2	.0	.1	.1	.0	.0	.0

30	*	.2	.1	.0	.0	.1	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.2	.1	.1	.0	.0	.0	.0
33	*	.1	.1	.2	.2	.1	.0	.0	.0
34	*	.3	.6	.7	.7	.4	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.2	.2	.2	.2	.2	.0	.0	.0
37	*	.0	.0	.1	.1	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.1	.0	.0	.0
40	*	.0	.0	.0	.0	.3	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.1	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0

S7B230PM.OUT

Site 8
MD 355 & Watkins Mill Road

				S8EXAM.DAT		
S8 EXAM MD355&WAT MILL				60.0175.0.0000.000280.30480000	11	1
REC 1	SE CORNER	250457.	543297.	5.		
REC 2	164' SE CORNER	250331.	543511.	5.		
REC 3	82' SE CORNER	250292.	543593.	5.		
REC 4	SE CORNER	250272.	543669.	5.		
REC 5	82' ES CORNER	250329.	543714.	5.		
REC 6	164' ES CORNER	250401.	543758.	5.		
REC 7	400' ES CORNER	250616.	543837.	5.		
REC 8	400' EN CORNER	250597.	543919.	5.		
REC 9	164' EN CORNER	250364.	543847.	5.		
REC 10	82' EN CORNER	250295.	543807.	5.		
REC 11	NE CORNER	250220.	543778.	5.		
REC 12	82' NE CORNER	250178.	543827.	5.		
REC 13	164' NE CORNE	250132.	543894.	5.		
REC 14	NE CORNER	249984.	544064.	5.		
REC 15	400 NW CORNER	249775.	544043.	5.		
REC 16	164' NW CORNE	249973.	543875.	5.		
REC 17	82' NW CORNER	250035.	543804.	5.		
REC 18	NW CORNER	250097.	543708.	5.		
REC 19	82' WN CORNER	249972.	543647.	5.		
REC 20	164' WN CORNE	249904.	543605.	5.		
REC 21	400' WN CORNE	249700.	543483.	5.		
REC 22	400' WS CORNE	249797.	543347.	5.		
REC 23	164' WS CORNE	249977.	543495.	5.		
REC 24	82' WS CORNER	250051.	543546.	5.		
REC 25	SW CORNER	250146.	543588.	5.		
REC 26	82' SW CORNER	250185.	543483.	5.		
REC 27	164' SW CORNE	250222.	543405.	5.		
REC 28	400' SW CORNE	250344.	543195.	5.		
S8 EXAM MD355 & WAT MILL				49	1	1
1						
1	NB 355 R	AG250263.543704.250248.543659.	46 2.9 0. 32. 35.			
0	NB 355 R	AG250248.543659.250293.543561.	46 2.9 0. 32. 35.			
1	NB 355 L	AG250204.543666.250269.543521.	2 2.9 0. 44. 35.			
2	NB 355 L	AG250224.543622.250254.543556.	0. 24. 2			
53	11	4.0 2 29.1 1717 2 3				
1	NB 355 T	AG250226.543672.250289.543527.	307 2.9 0. 44. 35.			
2	NB 355 T	AG250244.543629.250277.543555.	0. 24. 2			
53	11	4.0 307 29.1 1661 2 3				
1	NB 355 All	AG250286.543521.250402.543298.	353 2.9 0. 56. 35.			
0	NB 355 All	AG250402.543298.250743.542840.	353 2.9 0. 56. 35.			
1	NB 355 dp	AG250223.543681.250059.543939.	380 2.9 0. 56. 40.			
4	NB 355 dp	AG250059.543939.249911.544075.	380 2.9 0. 56. 40.			
5	NB 355 dp	AG249911.544075.249446.544336.	380 2.9 0. 56. 40.			
1	NB 355 dp	AG249911.544075.249446.544336.	380 2.9 0. 56. 40.			
6	NB 355 dp	AG249911.544075.249446.544336.	380 2.9 0. 56. 40.			
1	SB 355 L	AG250171.543705.250085.543850.	2 2.9 0. 44. 35.			
2	SB 355 L	AG250142.543754.250093.543835.	0. 24. 2			
0	53	11 4.0 2 29.1 1714 2 3				
1	SB 355 L	AG250086.543850.250036.543912.	2 2.9 0. 44. 35.			
0	SB 355 T	AG250148.543694.250065.543836.	1324 2.9 0. 56. 35.			
1	SB 355 T	AG250120.543742.250073.543821.	0. 36. 3			
2	53	11 4.0 1324 29.1 1714 2 3				
1	SB 355 T	AG250065.543836.250020.543901.	1324 2.9 0. 56. 35.			
0	SB 355 R	AG250108.543676.250116.543718.	1 2.9 0. 32. 35.			
1	SB 355 R	AG250116.543718.250064.543807.	1 2.9 0. 32. 35.			
0	SB 355 R	AG250064.543807.250001.543885.	1 2.9 0. 32. 35.			
0	SB 355 R	AG250064.543807.250001.543885.	1 2.9 0. 32. 35.			
1	SB 355 ALL	AG250016.543901.249875.544028.	1324 2.9 0. 68. 35.			
0	SB 355 ALL	AG249875.544028.249749.544101.	1324 2.9 0. 68. 35.			
1	SB 355 ALL	AG249749.544101.249402.544275.	1324 2.9 0. 56. 35.			
0	SB 355 Dp	AG250680.542801.250525.543011.	1324 2.9 0. 56. 35.			
0	SB 355 Dp	AG250525.543011.250334.543301.	1324 2.9 0. 56. 35.			
1	SB 355 Dp	AG250334.543301.250141.543692.	1324 2.9 0. 56. 35.			
0	SB 355 Dp	AG250334.543301.250141.543692.	1324 2.9 0. 56. 35.			
1	EB WatM R	AG250177.543611.249923.543464.	1 2.7 0. 32. 35.			
0	EB WatM T	AG250203.543653.249917.543479.	128 2.7 0. 44. 35.			
2	EB WatM T	AG250119.543604.249996.543527.	0. 24. 2			
53	34	4.0 128 29.1 1717 2 3				
1	EB WatM L	AG250189.543681.249921.543519.	3 2.7 0. 56. 35.			
2	EB WatM L	AG250105.543630.249976.543552.	0. 36. 3			
0	53	34 5.0 3 29.1 1663 2 3				
1	EB WatM All	AG249913.543489.249354.543146.	128 2.7 0. 92. 35.			
1	EB WATMdp	AG250193.543672.250354.543752.	128 2.7 0. 68. 35.			
1	EB WATMdp	AG250354.543752.250503.543838.	128 2.7 0. 68. 35.			
1	EB WATMdp	AG250503.543838.250636.543867.	128 2.7 0. 68. 35.			

				S8EXAM.DAT				
1								
1	EB	WATMdp	AG250636.543867.251067.543900.	128	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	128	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	140	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
53		34	6.0 140 29.1 1717 2 3					
1	WB	WatM T	AG250186.543703.250345.543795.	2	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
51		61	6.0 2 29.1 1770 2 3					
1	WB	WatM R	AG250206.543731.250344.543808.	73	2.7	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	213	2.7	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	213	2.7	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	213	2.7	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	213	2.7	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	213	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	3	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	3	2.7	0.	56.	35.

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:21.10

RUN: S8 EXAM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	46.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	46.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	2.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250224.0	543621.9	*	0.	155. AG	32.	100.0	.0	24.0	.00 .0
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	307.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250247.8	543620.6	*	9.	156. AG	32.	100.0	.0	24.0	.14 .5
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	353.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	353.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	380.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	380.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	380.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	2.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250142.0	543754.1	*	0.	335. AG	32.	100.0	.0	24.0	.00 .0
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	2.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	1324.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250106.4	543764.8	*	27.	329. AG	49.	100.0	.0	36.0	.38 1.3
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	1324.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	1.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	1.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	1.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	1324.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	1324.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	1324.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1324.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1324.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1324.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	1.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	128.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250108.9	543597.7	*	12.	238. AG	100.	100.0	.0	24.0	.15 .6
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	3.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250104.9	543629.9	*	0.	236. AG	150.	100.0	.0	36.0	.00 .0
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	128.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	128.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	128.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	128.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	128.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	128.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	140.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250283.4	543743.3	*	26.	59. AG	50.	100.0	.0	12.0	.39 1.3
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	2.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250252.3	543741.2	*	0.	57. AG	187.	100.0	.0	24.0	.00 .0
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	73.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	213.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	213.	2.7	.0	56.0	

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:21.10

RUN: S8 EXAM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	213.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	213.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	213.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	3.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	3.	2.7	.0	56.0	

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:21.10

RUN: S8 EXAM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 53	11	4.0	2	1717	29.10	2	3
6.	NB 355 T	* 53	11	4.0	307	1661	29.10	2	3
13. 0	SB 355 L	* 53	11	4.0	2	1714	29.10	2	3
16.	SB 355 T	* 53	11	4.0	1324	1714	29.10	2	3
29.	EB WatM T	* 53	34	4.0	128	1717	29.10	2	3
31. 0	EB WatM L	* 53	34	5.0	3	1663	29.10	2	3
39.	WB WatM L	* 53	34	6.0	140	1717	29.10	2	3
41.	WB WatM T	* 51	61	6.0	2	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8EXAM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11		NE CORNER	*	250220.0	543778.0	5.0	*
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14		NE CORNER	*	249984.0	544064.0	5.0	*
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249773.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18		NW CORNER	*	250097.0	543708.0	5.0	*
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25		SW CORNER	*	250146.0	543588.0	5.0	*
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
185.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
190.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
195.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
200.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
205.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
230.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
240.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0

S8EXAM.OUT																	
290.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
295.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
300.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
305.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
310.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
315.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1
340.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1
345.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1
350.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
355.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
360.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
MAX		.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2
DEGR.		175	185	175	180	0	0	0	0	0	0	175	165	180	180	105	0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.0	.0	.0	.1	.1	.1	.1
5.	.0	.0	.0	.0	.1	.1	.1	.1
10.	.0	.0	.0	.0	.1	.1	.1	.1
15.	.0	.0	.0	.0	.1	.1	.1	.1
20.	.0	.0	.0	.0	.1	.1	.1	.1
25.	.0	.0	.0	.0	.1	.1	.1	.1
30.	.0	.0	.0	.0	.1	.1	.1	.1
35.	.0	.0	.0	.0	.1	.1	.1	.1
40.	.0	.0	.0	.0	.1	.1	.1	.1
45.	.0	.0	.0	.0	.1	.1	.1	.1
50.	.0	.0	.0	.0	.1	.1	.1	.1
55.	.0	.0	.0	.0	.1	.1	.1	.1
60.	.0	.0	.0	.0	.1	.1	.1	.1
65.	.0	.0	.0	.0	.1	.1	.1	.1
70.	.0	.0	.0	.0	.1	.1	.1	.1
75.	.0	.0	.0	.0	.1	.1	.1	.1
80.	.0	.0	.0	.0	.1	.1	.1	.1
85.	.0	.0	.0	.0	.1	.1	.1	.1
90.	.0	.0	.0	.0	.1	.1	.1	.1
95.	.0	.0	.0	.0	.1	.1	.1	.1
100.	.0	.0	.0	.0	.1	.1	.1	.1
105.	.0	.0	.0	.0	.1	.1	.1	.1
110.	.0	.0	.0	.0	.1	.1	.1	.1
115.	.0	.0	.0	.0	.1	.1	.1	.1
120.	.0	.0	.0	.0	.1	.1	.1	.1
125.	.0	.0	.0	.0	.1	.1	.1	.1
130.	.0	.0	.0	.0	.1	.1	.1	.1
135.	.0	.0	.0	.0	.1	.1	.2	.1
140.	.0	.0	.0	.0	.1	.1	.1	.1
145.	.0	.0	.0	.0	.1	.1	.1	.0
150.	.0	.0	.0	.0	.1	.0	.0	.0
155.	.0	.0	.0	.0	.1	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.0	.0	.0	.0	.0
180.	.0	.0	.0	.0	.0	.0	.0	.0
185.	.0	.0	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.0	.0	.0	.0	.0
195.	.0	.0	.0	.0	.0	.0	.0	.0
200.	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.1	.0	.0	.0
275.	.0	.0	.0	.0	.1	.0	.0	.0
280.	.0	.0	.0	.0	.1	.0	.0	.0
285.	.0	.0	.0	.0	.1	.0	.0	.0
290.	.0	.0	.0	.0	.1	.0	.0	.0

S8EXAM.OUT

```

295. * .0 .0 .0 .0 .1 .0 .0 .0
300. * .0 .0 .0 .0 .1 .0 .0 .0
305. * .0 .0 .0 .0 .1 .0 .0 .0
310. * .0 .0 .0 .0 .1 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0 .1
335. * .0 .0 .0 .0 .0 .0 .0 .1
340. * .0 .0 .0 .0 .0 .0 .1 .1
345. * .0 .0 .0 .0 .2 .1 .1 .1
350. * .0 .0 .0 .0 .2 .1 .1 .2
355. * .0 .0 .0 .0 .2 .1 .1 .2
360. * .0 .0 .0 .0 .1 .1 .1 .1
-----
MAX * .0 .0 .0 .0 .2 .1 .2 .2
DEGR. * 0 0 0 0 345 0 135 350

```

THE HIGHEST CONCENTRATION IS .20 PPM AT 105 DEGREES FROM REC15.
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 10 DEGREES FROM REC18.

1

PAGE 8

JOB: S8 EXAM MD355&WAT MILL
 DATE: 12/14/2006 TIME: 11:00:21.10

RUN: S8 EXAM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 185	REC3 175	REC4 180	REC5 0	REC6 0	REC7 0	REC8 0	REC9 0	REC10 0	REC11 175	REC12 165	REC13 180	REC14 180	REC15 105	REC16 0	REC17 135	REC18 10	REC19 0	REC20 0
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 0	REC23 0	REC24 0	REC25 345	REC26 0	REC27 135	REC28 350
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 EXAM MD355&WAT MILL
 DATE: 12/14/2006 TIME: 11:00:21.10

RUN: S8 EXAM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 0	REC23 0	REC24 0	REC25 345	REC26 0	REC27 135	REC28 350
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1  * .0 .0 .0 .0 .0 .0 .0 .0
2  * .0 .0 .0 .0 .0 .0 .0 .0
3  * .0 .0 .0 .0 .0 .0 .0 .0
4  * .0 .0 .0 .0 .0 .0 .0 .0
5  * .0 .0 .0 .0 .0 .0 .0 .0
6  * .0 .0 .0 .0 .0 .0 .0 .0
7  * .0 .0 .0 .0 .0 .0 .0 .0
8  * .0 .0 .0 .0 .0 .0 .0 .0
9  * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .1 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .1 .1
26 * .0 .0 .0 .0 .1 .1 .1 .1
27 * .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .0 .0 .0 .0 .0 .0
32 * .0 .0 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # -----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .0 .0 .0 .0 .0
49 * .0 .0 .0 .0 .0 .0 .0 .0

```


				S8EXPM.DAT			
S8 EXAM MD355&WAT MILL				60.0175.0.0000.000280.30480000 11 1			
REC 1	SE CORNER	250457.	543297.	5.			
REC 2	164' SE CORNER	250331.	543511.	5.			
REC 3	82' SE CORNER	250292.	543593.	5.			
REC 4	SE CORNER	250272.	543669.	5.			
REC 5	82' ES CORNER	250329.	543714.	5.			
REC 6	164' ES CORNER	250401.	543758.	5.			
REC 7	400' ES CORNER	250616.	543837.	5.			
REC 8	400' EN CORNER	250597.	543919.	5.			
REC 9	164' EN CORNER	250364.	543847.	5.			
REC 10	82' EN CORNER	250295.	543807.	5.			
REC 11	NE CORNER	250220.	543778.	5.			
REC 12	82' NE CORNER	250178.	543827.	5.			
REC 13	164' NE CORNE	250132.	543894.	5.			
REC 14	NE CORNER	249984.	544064.	5.			
REC 15	400 NW CORNER	249775.	544043.	5.			
REC 16	164' NW CORNE	249973.	543875.	5.			
REC 17	82' NW CORNER	250035.	543804.	5.			
REC 18	NW CORNER	250097.	543708.	5.			
REC 19	82' WN CORNER	249972.	543647.	5.			
REC 20	164' WN CORNE	249904.	543605.	5.			
REC 21	400' WN CORNE	249700.	543483.	5.			
REC 22	400' WS CORNE	249797.	543347.	5.			
REC 23	164' WS CORNE	249977.	543495.	5.			
REC 24	82' WS CORNER	250051.	543546.	5.			
REC 25	SW CORNER	250146.	543588.	5.			
REC 26	82' SW CORNER	250185.	543483.	5.			
REC 27	164' SW CORNE	250222.	543405.	5.			
REC 28	400' SW CORNE	250344.	543195.	5.			
S8 EXAM MD355 & WAT MILL				49	1	1	
1							
1	NB 355 R	AG250263.543704.250248.543659.	344 2.9 0. 32. 40.				
0	NB 355 R	AG250248.543659.250293.543561.	344 2.9 0. 32. 40.				
1	NB 355 L	AG250204.543666.250269.543521.	2 2.9 0. 44. 40.				
2	NB 355 L	AG250224.543622.250254.543556.	0. 24. 2				
53	11	4.0 2 29.1 1717 2 3					
1	NB 355 T	AG250226.543672.250289.543527.	1052 2.9 0. 44. 40.				
2	NB 355 T	AG250244.543629.250277.543555.	0. 24. 2				
56	12	4.0 1052 29.1 1632 2 3					
1	NB 355 All	AG250286.543521.250402.543298.	1396 2.9 0. 56. 40.				
0	NB 355 All	AG250402.543298.250743.542840.	1396 2.9 0. 56. 40.				
1	NB 355 dp	AG250223.543681.250059.543939.	1256 2.9 0. 56. 40.				
4	NB 355 dp	AG250059.543939.249911.544075.	1256 2.9 0. 56. 40.				
5	NB 355 dp	AG249911.544075.249446.544336.	1256 2.9 0. 56. 40.				
1	NB 355 dp	AG249911.544075.249446.544336.	1256 2.9 0. 56. 40.				
6	NB 355 dp	AG249911.544075.249446.544336.	1256 2.9 0. 56. 40.				
1	SB 355 L	AG250171.543705.250085.543850.	2 2.9 0. 44. 40.				
2	SB 355 L	AG250142.543754.250093.543835.	0. 24. 2				
0	56	11 4.0 2 29.1 1714 2 3					
1	SB 355 L	AG250086.543850.250036.543912.	2 2.9 0. 44. 40.				
0	SB 355 L	AG250086.543850.250036.543912.	2 2.9 0. 44. 40.				
1	SB 355 T	AG250148.543694.250065.543836.	779 2.9 0. 56. 40.				
2	SB 355 T	AG250120.543742.250073.543821.	0. 36. 3				
56	12	4.0 779 29.1 1632 2 3					
1	SB 355 T	AG250065.543836.250020.543901.	779 2.9 0. 56. 40.				
0	SB 355 R	AG250108.543676.250116.543718.	1 2.9 0. 32. 40.				
1	SB 355 R	AG250116.543718.250064.543807.	1 2.9 0. 32. 40.				
0	SB 355 R	AG250064.543807.250001.543885.	1 2.9 0. 32. 40.				
0	SB 355 R	AG250064.543807.250001.543885.	1 2.9 0. 32. 40.				
1	SB 355 ALL	AG250016.543901.249875.544028.	779 2.9 0. 68. 40.				
0	SB 355 ALL	AG249875.544028.249749.544101.	779 2.9 0. 68. 40.				
1	SB 355 ALL	AG249749.544101.249402.544275.	779 2.9 0. 56. 40.				
0	SB 355 Dp	AG250680.542801.250525.543011.	779 2.9 0. 56. 40.				
1	SB 355 Dp	AG250525.543011.250334.543301.	779 2.9 0. 56. 40.				
0	SB 355 Dp	AG250334.543301.250141.543692.	779 2.9 0. 56. 40.				
1	EB WatM R	AG250177.543611.249923.543464.	1 2.7 0. 32. 35.				
0	EB WatM T	AG250203.543653.249917.543479.	444 2.7 0. 44. 35.				
2	EB WatM T	AG250119.543604.249996.543527.	0. 24. 2				
53	34	4.0 444 29.1 1717 2 3					
1	EB WatM L	AG250189.543681.249921.543519.	3 2.7 0. 56. 35.				
2	EB WatM L	AG250105.543630.249976.543552.	0. 36. 3				
0	53	34 5.0 3 29.1 1663 2 3					
1	EB WatM All	AG249913.543489.249354.543146.	444 2.7 0. 92. 35.				
1	EB WATMdp	AG250193.543672.250354.543752.	444 2.7 0. 68. 35.				
1	EB WATMdp	AG250354.543752.250503.543838.	444 2.7 0. 68. 35.				
1	EB WATMdp	AG250503.543838.250636.543867.	444 2.7 0. 68. 35.				

				S8EXPM.DAT				
1								
1	EB	WATMdp	AG250636.543867.251067.543900.	444	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	444	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	85	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
	56		37 6.0 85 29.1 1717 2 3					
1	WB	WatM T	AG250186.543703.250345.543795.	2	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
	51		61 6.0 2 29.1 1770 2 3					
1	WB	WatM R	AG250206.543731.250344.543808.	204	2.7	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	289	2.7	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	289	2.7	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	289	2.7	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	289	2.7	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	289	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	3	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	3	2.7	0.	56.	35.

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:44.34

RUN: S8 EXAM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	344.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	344.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	2.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250224.0	543621.9	*	0.	155. AG	32.	100.0	.0	24.0	.00
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	1052.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250258.1	543597.5	*	35.	156. AG	33.	100.0	.0	24.0	.48
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1396.	2.9	.0	56.0	1.8
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1396.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1256.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1256.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1256.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	2.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250142.0	543754.1	*	0.	335. AG	31.	100.0	.0	24.0	.00
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	2.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	779.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250111.3	543756.6	*	17.	329. AG	50.	100.0	.0	36.0	.23
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	779.	2.9	.0	56.0	.9
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	1.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	1.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	1.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	779.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	779.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	779.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	779.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	779.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	779.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	1.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	444.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250084.0	543582.1	*	41.	238. AG	100.	100.0	.0	24.0	.53
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	3.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250104.9	543629.9	*	0.	236. AG	150.	100.0	.0	36.0	.00
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	444.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	444.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	444.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	444.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	444.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	444.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	85.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250275.8	543738.8	*	17.	59. AG	52.	100.0	.0	12.0	.25
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	2.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250252.3	543741.2	*	0.	57. AG	187.	100.0	.0	24.0	.00
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	204.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	289.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	289.	2.7	.0	56.0	

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:44.34

RUN: S8 EXAM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	289.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	289.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	289.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	3.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	3.	2.7	.0	56.0	

JOB: S8 EXAM MD355&WAT MILL
DATE: 12/14/2006 TIME: 11:00:44.34

RUN: S8 EXAM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 53	11	4.0	2	1717	29.10	2	3
6.	NB 355 T	* 56	12	4.0	1052	1632	29.10	2	3
13. 0	SB 355 L	* 56	11	4.0	2	1714	29.10	2	3
16.	SB 355 T	* 56	12	4.0	779	1632	29.10	2	3
29.	EB WatM T	* 53	34	4.0	444	1717	29.10	2	3
31. 0	EB WatM L	* 53	34	5.0	3	1663	29.10	2	3
39.	WB WatM L	* 56	37	6.0	85	1717	29.10	2	3
41.	WB WatM T	* 51	61	6.0	2	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8EXPM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11		NE CORNER	*	250220.0	543778.0	5.0	*
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14		NE CORNER	*	249984.0	544064.0	5.0	*
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249773.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18		NW CORNER	*	250097.0	543708.0	5.0	*
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25		SW CORNER	*	250146.0	543588.0	5.0	*
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
25.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
30.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0
35.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0
40.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0
45.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
140.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0
150.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0
155.	*	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
165.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
170.	*	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
175.	*	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0
180.	*	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0
185.	*	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
190.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
195.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
200.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
205.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
240.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
280.	*	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
285.	*	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0

		S8EXPM.OUT																	
290.	*	.1	.1	.2	.1	.1	.0	.1	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
295.	*	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0
300.	*	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0
305.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0
310.	*	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0
315.	*	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.2	.0	.0	.0
320.	*	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.0	.0	.0
325.	*	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0
330.	*	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
335.	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
MAX		.2	.2	.3	.2	.1	.1	.1	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.0
DEGR.		275	155	315	170	260	25	285	0	0	0	175	155	295	145	0	0	60	0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

		WIND * CONCENTRATION							
		(PPM)							
ANGLE * (DEGR)		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.2	.1	.1	.1
5.	*	.0	.0	.0	.0	.2	.1	.1	.2
10.	*	.0	.0	.0	.0	.2	.1	.1	.2
15.	*	.0	.0	.0	.0	.2	.1	.1	.2
20.	*	.0	.0	.1	.1	.1	.1	.1	.1
25.	*	.0	.0	.1	.2	.1	.1	.1	.1
30.	*	.0	.0	.1	.2	.1	.1	.1	.1
35.	*	.0	.0	.1	.2	.1	.1	.1	.1
40.	*	.0	.0	.1	.2	.1	.1	.1	.1
45.	*	.0	.0	.1	.2	.1	.1	.2	.2
50.	*	.0	.0	.1	.2	.1	.1	.2	.2
55.	*	.0	.0	.1	.2	.1	.1	.2	.2
60.	*	.0	.0	.1	.2	.1	.1	.2	.2
65.	*	.0	.0	.1	.2	.1	.1	.2	.2
70.	*	.0	.0	.0	.1	.1	.1	.2	.2
75.	*	.0	.0	.0	.0	.1	.1	.2	.2
80.	*	.0	.0	.0	.0	.1	.1	.2	.2
85.	*	.0	.0	.0	.0	.1	.1	.2	.2
90.	*	.0	.0	.0	.0	.1	.2	.2	.2
95.	*	.0	.0	.0	.0	.1	.2	.2	.2
100.	*	.0	.0	.0	.0	.1	.2	.2	.2
105.	*	.0	.0	.0	.0	.1	.2	.2	.2
110.	*	.0	.0	.0	.0	.1	.2	.2	.2
115.	*	.0	.0	.0	.0	.1	.2	.1	.2
120.	*	.0	.0	.0	.0	.1	.2	.1	.2
125.	*	.0	.0	.0	.0	.1	.1	.0	.2
130.	*	.0	.0	.0	.0	.1	.1	.1	.1
135.	*	.0	.0	.0	.0	.1	.1	.1	.0
140.	*	.0	.0	.0	.0	.1	.0	.0	.0
145.	*	.0	.0	.0	.0	.1	.0	.0	.0
150.	*	.0	.0	.0	.0	.1	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

		WIND * CONCENTRATION							
		(PPM)							
ANGLE * (DEGR)		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.1	.0	.0	.0	.0
235.	*	.0	.0	.0	.1	.0	.0	.0	.0
240.	*	.0	.0	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.1	.0	.0	.0
250.	*	.0	.0	.0	.1	.2	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.0	.0	.0
260.	*	.0	.0	.0	.1	.2	.0	.0	.0
265.	*	.0	.0	.0	.1	.3	.0	.0	.0
270.	*	.0	.0	.0	.1	.3	.0	.0	.0
275.	*	.0	.0	.1	.1	.2	.0	.0	.0
280.	*	.0	.0	.0	.0	.2	.0	.0	.0
285.	*	.0	.0	.0	.0	.2	.0	.0	.0
290.	*	.0	.0	.0	.0	.2	.0	.0	.0

S8EXPM.OUT

295.	*	.0	.0	.0	.0	.2	.0	.0	.0
300.	*	.0	.0	.0	.0	.1	.0	.0	.0
305.	*	.0	.0	.0	.0	.1	.0	.0	.0
310.	*	.0	.0	.0	.0	.1	.0	.0	.0
315.	*	.0	.0	.0	.0	.1	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.1	.0
355.	*	.0	.0	.0	.0	.0	.1	.1	.1
360.	*	.0	.0	.0	.0	.2	.1	.1	.1
MAX	*	.0	.0	.1	.2	.3	.2	.2	.2
DEGR.	*	0	0	20	25	265	90	45	5

THE HIGHEST CONCENTRATION IS .30 PPM AT 315 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 265 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 275 DEGREES FROM REC1 .

1

PAGE 8

JOB: S8 EXAM MD355&WAT MILL
 DATE: 12/14/2006 TIME: 11:00:44.34

RUN: S8 EXAM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 275	REC2 155	REC3 315	REC4 170	REC5 260	REC6 25	REC7 285	REC8 0	REC9 0	REC10 0	REC11 175	REC12 155	REC13 295	REC14 145	REC15 0	REC16 0	REC17 60	REC18 0	REC19 0	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 9

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC21 0	REC22 0	REC23 20	REC24 25	REC25 265	REC26 90	REC27 45	REC28 5		
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 10

JOB: S8 EXAM MD355&WAT MILL
 DATE: 12/14/2006 TIME: 11:00:44.34

RUN: S8 EXAM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 20	REC24 25	REC25 265	REC26 90	REC27 45	REC28 5
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1  * .0 .0 .0 .0 .0 .0 .0 .0
2  * .0 .0 .0 .0 .0 .0 .0 .0
3  * .0 .0 .0 .0 .0 .0 .0 .0
4  * .0 .0 .0 .0 .0 .0 .0 .0
5  * .0 .0 .0 .0 .0 .0 .0 .0
6  * .0 .0 .0 .0 .0 .0 .0 .0
7  * .0 .0 .0 .0 .0 .0 .1 .1
8  * .0 .0 .0 .0 .0 .0 .0 .0
9  * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .0 .1 .1
27 * .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .1 .1 .1 .0 .0 .0
29 * .0 .0 .0 .1 .2 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .0 .0 .0 .0 .0 .0
32 * .0 .0 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 EXAM MD355&WAT MILL

RUN: S8 EXAM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 0 0 20 25 265 90 45 5
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .0 .0 .0 .0 .0
49 * .0 .0 .0 .0 .0 .0 .0 .0

```

S8 NB15AM MD355&WAT MILL				60.0175.0.0000.000280.30480000				S8NB15AM.DAT		11	1
REC 1	SE CORNER	250457.	543297.	5.							
REC 2	164' SE CORNER	250331.	543511.	5.							
REC 3	82' SE CORNER	250292.	543593.	5.							
REC 4	SE CORNER	250272.	543669.	5.							
REC 5	82' ES CORNER	250329.	543714.	5.							
REC 6	164' ES CORNER	250401.	543758.	5.							
REC 7	400' ES CORNER	250616.	543837.	5.							
REC 8	400' EN CORNER	250597.	543919.	5.							
REC 9	164' EN CORNER	250364.	543847.	5.							
REC 10	82' EN CORNER	250295.	543807.	5.							
REC 11	NE CORNER	250220.	543778.	5.							
REC 12	82' NE CORNER	250178.	543827.	5.							
REC 13	164' NE CORNE	250132.	543894.	5.							
REC 14	NE CORNER	249984.	544064.	5.							
REC 15	400' NW CORNER	249775.	544043.	5.							
REC 16	164' NW CORNE	249973.	543875.	5.							
REC 17	82' NW CORNER	250035.	543804.	5.							
REC 18	NW CORNER	250097.	543708.	5.							
REC 19	82' WN CORNER	249972.	543647.	5.							
REC 20	164' WN CORNE	249904.	543605.	5.							
REC 21	400' WN CORNE	249700.	543483.	5.							
REC 22	400' WS CORNE	249797.	543347.	5.							
REC 23	164' WS CORNE	249977.	543495.	5.							
REC 24	82' WS CORNER	250051.	543546.	5.							
REC 25	SW CORNER	250146.	543588.	5.							
REC 26	82' SW CORNER	250185.	543483.	5.							
REC 27	164' SW CORNE	250222.	543405.	5.							
REC 28	400' SW CORNE	250344.	543195.	5.							
S8 NB15AM MD355 & WAT MILL											
1					49	1	1				
1	NB 355 R	AG250263.543704.250248.543659.	50 3.3	0. 32.	35.						
0	NB 355 R	AG250248.543659.250293.543561.	50 3.3	0. 32.	35.						
1	NB 355 L	AG250204.543666.250269.543521.	400 3.3	0. 44.	35.						
2	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2							
110	85	2.0 400 33.4 1717 3 1									
1	NB 355 T	AG250226.543672.250289.543527.	825 3.3	0. 44.	35.						
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2							
110	76	2.0 825 33.4 1770 3 1									
1	NB 355 ALL	AG250286.543521.250402.543298.	1275 3.3	0. 56.	35.						
0	NB 355 ALL	AG250402.543298.250743.542840.	1275 3.3	0. 56.	35.						
1	NB 355 dp	AG250223.543681.250059.543939.	1400 3.3	0. 56.	40.						
4	NB 355 dp	AG250059.543939.249911.544075.	1400 3.3	0. 56.	40.						
5	NB 355 dp	AG249911.544075.249446.544336.	1400 3.3	0. 56.	40.						
1	NB 355 dp	AG249911.544075.249446.544336.	1400 3.3	0. 56.	40.						
6	NB 355 dp	AG249911.544075.249446.544336.	1400 3.3	0. 56.	40.						
1	SB 355 L	AG250171.543705.250085.543850.	225 3.3	0. 44.	35.						
2	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2							
0	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2							
110	90	2.0 225 33.4 1717 3 1									
1	SB 355 L	AG250086.543850.250036.543912.	225 3.3	0. 44.	35.						
0	SB 355 L	AG250086.543850.250036.543912.	225 3.3	0. 44.	35.						
1	SB 355 T	AG250148.543694.250065.543836.	950 3.3	0. 56.	35.						
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3							
110	81	2.0 950 33.4 1695 3 1									
1	SB 355 T	AG250065.543836.250020.543901.	950 3.3	0. 56.	35.						
0	SB 355 R	AG250108.543676.250116.543718.	450 3.3	0. 32.	35.						
1	SB 355 R	AG250116.543718.250064.543807.	450 3.3	0. 32.	35.						
0	SB 355 R	AG250116.543718.250064.543807.	450 3.3	0. 32.	35.						
0	SB 355 R	AG250064.543807.250001.543885.	450 3.3	0. 32.	35.						
1	SB 355 ALL	AG250016.543901.249875.544028.	1625 3.3	0. 68.	35.						
0	SB 355 ALL	AG249875.544028.249749.544101.	1625 3.3	0. 68.	35.						
1	SB 355 ALL	AG249749.544101.249402.544275.	1625 3.3	0. 56.	35.						
0	SB 355 Dp	AG250680.542801.250525.543011.	1800 3.3	0. 56.	35.						
0	SB 355 Dp	AG250525.543011.250334.543301.	1800 3.3	0. 56.	35.						
1	SB 355 Dp	AG250334.543301.250141.543692.	1800 3.3	0. 56.	35.						
0	SB 355 Dp	AG250334.543301.250141.543692.	1800 3.3	0. 56.	35.						
1	EB WatM R	AG250177.543611.249923.543464.	550 3.1	0. 32.	35.						
0	EB WatM T	AG250203.543653.249917.543479.	625 3.1	0. 44.	35.						
2	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2							
110	83	2.0 625 33.4 1770 3 1									
1	EB WatM L	AG250189.543681.249921.543519.	350 3.1	0. 56.	35.						
2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3							
0	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3							
110	93	2.0 350 33.4 1663 3 1									
1	EB WatM ALL	AG249913.543489.249354.543146.	1525 3.1	0. 92.	35.						
0	EB WATMdp	AG250193.543672.250354.543752.	900 3.1	0. 68.	35.						
1	EB WATMdp	AG250354.543752.250503.543838.	900 3.1	0. 68.	35.						
1	EB WATMdp	AG250503.543838.250636.543867.	900 3.1	0. 68.	35.						

S8NB15AM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	900	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	900	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	300	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110			82 2.0 300 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	400	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110			73 2.0 400 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	225	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	925	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	925	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	925	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	925	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	925	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1250	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	1250	3.1	0.	56.	35.

JOB: S8 NB15AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:31:06.86

RUN: S8 NB15AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	50.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	50.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	400.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250271.0	543518.8	*	113.	156. AG	138.	100.0	.0	24.0	.61 5.8
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	825.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250340.4	543412.7	*	237.	156. AG	124.	100.0	.0	24.0	.85 12.0
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1275.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1275.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1400.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1400.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1400.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	225.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250103.8	543817.1	*	74.	329. AG	147.	100.0	.0	24.0	.45 3.7
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	225.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	950.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250023.1	543904.9	*	190.	329. AG	198.	100.0	.0	36.0	.82 9.6
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	950.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	450.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	450.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	450.	3.3	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	1625.	3.3	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	1625.	3.3	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	1625.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1800.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1800.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1800.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	550.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	625.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	249950.8	543498.7	*	198.	238. AG	135.	100.0	.0	24.0	.84 10.1
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	350.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250032.5	543586.1	*	85.	239. AG	227.	100.0	.0	36.0	.59 4.3
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1525.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	900.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	900.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	900.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	900.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	900.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	300.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250416.8	543822.3	*	181.	59. AG	67.	100.0	.0	12.0	.78 9.2
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	400.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250334.8	543789.5	*	96.	60. AG	119.	100.0	.0	24.0	.38 4.9
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	225.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	925.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	925.	3.1	.0	56.0	

JOB: S8 NB15AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:31:06.86

RUN: S8 NB15AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	925.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	925.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	925.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1250.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1250.	3.1	.0	56.0	

JOB: S8 NB15AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:31:06.86

RUN: S8 NB15AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	85	2.0	400	1717	33.40	3	1
6.	NB 355 T	* 110	76	2.0	825	1770	33.40	3	1
13. 0	SB 355 L	* 110	90	2.0	225	1717	33.40	3	1
16.	SB 355 T	* 110	81	2.0	950	1695	33.40	3	1
29.	EB WatM T	* 110	83	2.0	625	1770	33.40	3	1
31. 0	EB WatM L	* 110	93	2.0	350	1663	33.40	3	1
39.	WB WatM L	* 110	82	2.0	300	1770	33.40	3	1
41.	WB WatM T	* 110	73	2.0	400	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8NB15AM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11		NE CORNER	*	250220.0	543778.0	5.0	*
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14		NE CORNER	*	249984.0	544064.0	5.0	*
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18		NW CORNER	*	250097.0	543708.0	5.0	*
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25		SW CORNER	*	250146.0	543588.0	5.0	*
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.9	.0	.0
5.	*	.0	.0	.1	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.9	.1	.0
10.	*	.0	.0	.1	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	1.0	.1	.0
15.	*	.0	.0	.0	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.9	.1	.0
20.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.9	.1	.1
25.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.7	.2	.1
30.	*	.0	.0	.0	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.7	.2	.1
35.	*	.0	.0	.0	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.7	.6	.2	.1
40.	*	.0	.0	.0	.2	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.3	.1
45.	*	.0	.0	.0	.2	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.2	.1
50.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.4	.2	.1
55.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.4	.2	.1
60.	*	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.2	.1	.2
65.	*	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.4	.7	.3	.2	.1
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.3	.4	.8	.3	.1	.2
75.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	.2	.5	.8	.3	.1	.2
80.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.0	.0	.0	.2	.5	.8	.3	.2	.2
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.0	.0	.0	.2	.6	.8	.3	.2	.4
90.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.3	.0	.0	.0	.3	.6	.9	.3	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.4	.3	.0	.0	.0	.4	.6	.9	.4	.5	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.3	.6	.9	.4	.7	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.0	.0	.2	.6	.9	.4	.9	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.2	.7	.9	.4	.8	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.0	.0	.3	.6	.7	.4	.7	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.3	.6	.7	.5	.7	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.1	.1	.0	.3	.5	.5	.6	.5	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.1	.1	.0	.2	.4	.6	.6	.4	.2
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.1	.1	.1	.1	.3	.5	.6	.4	.2
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.4	.1	.1	.0	.3	.1	.3	.4	.6	.3	.2
145.	*	.1	.0	.1	.0	.0	.0	.0	.1	.3	.4	.2	.0	.1	.3	.0	.2	.3	.5	.3	.2
150.	*	.1	.2	.2	.1	.0	.0	.0	.1	.3	.4	.3	.2	.2	.3	.0	.3	.3	.3	.3	.2
155.	*	.1	.3	.2	.1	.0	.0	.0	.1	.3	.5	.2	.2	.2	.4	.0	.1	.2	.3	.2	.2
160.	*	.2	.3	.3	.3	.0	.0	.0	.2	.3	.5	.3	.4	.4	.3	.0	.2	.3	.3	.2	.2
165.	*	.3	.3	.4	.3	.0	.0	.0	.2	.2	.5	.3	.4	.5	.3	.0	.2	.2	.4	.2	.1
170.	*	.2	.5	.6	.5	.0	.0	.0	.2	.2	.6	.4	.4	.5	.3	.0	.2	.2	.3	.2	.1
175.	*	.2	.6	.7	.6	.1	.0	.0	.2	.2	.6	.4	.2	.5	.3	.0	.1	.2	.4	.2	.1
180.	*	.2	.6	.8	.6	.1	.0	.0	.2	.2	.6	.4	.2	.4	.3	.0	.0	.2	.4	.2	.1
185.	*	.2	.6	.8	.7	.1	.0	.0	.2	.3	.8	.3	.2	.6	.2	.0	.0	.2	.5	.2	.2
190.	*	.2	.5	.7	.7	.2	.1	.0	.2	.3	.8	.2	.2	.8	.2	.0	.0	.2	.6	.2	.2
195.	*	.2	.5	.7	.6	.3	.1	.0	.2	.4	.8	.2	.5	.7	.2	.0	.0	.1	.6	.2	.2
200.	*	.2	.5	.8	.6	.3	.1	.0	.2	.4	.7	.2	.5	.7	.2	.0	.0	.0	.6	.1	.2
205.	*	.2	.5	.7	.6	.3	.1	.0	.2	.3	.5	.4	.5	.5	.2	.0	.0	.0	.5	.2	.2

1

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.5	.7	.6	.3	.2	.0	.2	.3	.3	.4	.5	.5	.2	.0	.0	.1	.4	.3	.3
215.	*	.2	.5	.7	.5	.3	.2	.0	.3	.3	.4	.4	.6	.4	.2	.0	.0	.1	.4	.3	.3
220.	*	.2	.5	.7	.4	.3	.3	.0	.3	.3	.3	.4	.6	.4	.2	.0	.0	.1	.4	.3	.3
225.	*	.2	.5	.7	.4	.4	.3	.0	.3	.3	.4	.4	.5	.4	.2	.0	.0	.0	.4	.3	.3
230.	*	.2	.5	.7	.4	.4	.2	.0	.2	.2	.4	.4	.6	.4	.2	.0	.0	.0	.3	.3	.3
235.	*	.2	.5	.7	.5	.4	.3	.0	.2	.1	.3	.3	.6	.4	.2	.0	.0	.0	.2	.1	.1
240.	*	.2	.5	.7	.4	.4	.3	.0	.2	.1	.1	.3	.6	.4	.2	.0	.0	.0	.1	.1	.1
245.	*	.2	.5	.7	.5	.4	.4	.1	.2	.1	.2	.3	.6	.4	.2	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.8	.4	.4	.3	.1	.2	.1	.3	.3	.6	.4	.2	.0	.0	.0	.0	.0	.0
255.	*	.2	.5	.8	.4	.2	.4	.1	.2	.1	.3	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	.9	.5	.2	.4	.1	.3	.1	.3	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0
265.	*	.2	.7	.9	.4	.2	.5	.2	.1	.1	.4	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0
270.	*	.3	.7	.9	.4	.3	.5	.2	.0	.1	.4	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0
275.	*	.2	.7	.9	.3	.3	.5	.1	.0	.1	.4	.6	.4	.4	.3	.0	.0	.0	.0	.0	.0
280.	*	.2	.8	.9	.2	.4	.5	.1	.0	.1	.2	.5	.4	.3	.4	.0	.0	.0	.0	.0	.0
285.	*	.2	.9	.8	.3	.6	.4	.1	.0	.0	.2	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0

S8NB15AM.OUT

290.	*	.2	.9	.8	.3	.6	.4	.1	.0	.0	.2	.4	.3	.4	.3	.1	.0	.0	.0	.0	.0
295.	*	.2	.8	.6	.3	.6	.4	.1	.0	.0	.1	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0
300.	*	.2	.9	.7	.5	.5	.3	.1	.0	.0	.0	.4	.3	.3	.1	.2	.0	.0	.0	.0	.0
305.	*	.3	.7	.6	.5	.6	.3	.1	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
310.	*	.3	.8	.5	.5	.5	.2	.1	.0	.0	.0	.2	.2	.2	.1	.3	.0	.0	.0	.0	.0
315.	*	.3	.8	.4	.4	.4	.2	.1	.0	.0	.0	.2	.1	.2	.0	.4	.1	.1	.0	.0	.0
320.	*	.3	.6	.4	.3	.4	.2	.1	.0	.0	.0	.1	.1	.2	.0	.3	.2	.1	.1	.0	.0
325.	*	.2	.5	.4	.3	.4	.3	.1	.0	.0	.0	.1	.1	.0	.0	.3	.2	.1	.2	.0	.0
330.	*	.2	.5	.3	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0
335.	*	.1	.1	.1	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.0	.0
340.	*	.0	.1	.0	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.5	.0	.0
345.	*	.0	.0	.1	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.7	.0	.0
350.	*	.0	.0	.1	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.8	.0	.0
355.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	1.0	.0	.0
360.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.9	.0	.0
MAX		.3	.9	.9	.7	.6	.5	.3	.3	.4	.8	.6	.6	.8	.4	.4	.7	.9	1.0	.9	.4
DEGR.		165	285	260	185	285	265	35	215	195	185	275	215	190	155	95	110	90	10	105	85

1

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.7	1.3	.7	.2	.4	.4
5.	.0	.2	.8	1.3	.6	.2	.4	.4
10.	.0	.2	.7	1.4	.5	.3	.4	.2
15.	.0	.2	.9	1.4	.5	.3	.4	.2
20.	.0	.2	1.0	1.4	.5	.4	.4	.1
25.	.0	.2	1.0	1.4	.5	.3	.3	.1
30.	.0	.2	1.1	1.3	.4	.4	.3	.1
35.	.0	.2	1.0	1.1	.5	.4	.2	.1
40.	.0	.2	1.1	1.2	.5	.4	.2	.1
45.	.1	.3	1.0	1.2	.5	.4	.3	.2
50.	.1	.2	1.0	1.0	.3	.3	.3	.2
55.	.1	.2	.8	.9	.3	.3	.3	.2
60.	.1	.1	.7	.7	.4	.3	.3	.2
65.	.1	.0	.5	.6	.5	.3	.3	.2
70.	.2	.0	.4	.7	.5	.3	.3	.2
75.	.2	.0	.4	.7	.5	.3	.3	.2
80.	.2	.0	.3	.5	.5	.2	.3	.2
85.	.2	.0	.3	.5	.4	.3	.3	.2
90.	.3	.0	.3	.5	.5	.3	.3	.3
95.	.2	.0	.3	.5	.5	.3	.2	.3
100.	.2	.0	.1	.3	.5	.3	.2	.3
105.	.2	.0	.1	.3	.5	.4	.2	.3
110.	.2	.0	.0	.3	.4	.4	.2	.3
115.	.2	.0	.0	.2	.4	.4	.1	.3
120.	.2	.0	.0	.2	.4	.4	.1	.3
125.	.2	.0	.0	.2	.4	.3	.3	.3
130.	.2	.0	.0	.1	.5	.2	.3	.1
135.	.2	.0	.0	.1	.3	.1	.3	.1
140.	.2	.0	.0	.1	.3	.2	.2	.1
145.	.2	.0	.0	.1	.2	.2	.1	.1
150.	.2	.0	.0	.1	.1	.2	.1	.0
155.	.2	.0	.0	.1	.1	.0	.0	.0
160.	.2	.0	.0	.1	.1	.0	.0	.0
165.	.2	.0	.0	.1	.0	.0	.0	.0
170.	.2	.0	.0	.1	.0	.0	.0	.0
175.	.2	.0	.0	.1	.0	.0	.0	.0
180.	.2	.0	.0	.1	.0	.0	.0	.0
185.	.2	.0	.0	.1	.0	.0	.0	.0
190.	.2	.0	.0	.1	.0	.0	.0	.0
195.	.2	.0	.0	.1	.0	.0	.0	.0
200.	.2	.0	.1	.2	.0	.0	.0	.0
205.	.2	.0	.1	.2	.0	.0	.0	.0

1

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.1	.2	.0	.0	.0	.0
215.	.3	.0	.1	.2	.1	.0	.0	.0
220.	.3	.0	.1	.4	.1	.0	.0	.0
225.	.3	.0	.2	.4	.2	.0	.0	.0
230.	.1	.0	.2	.6	.2	.0	.0	.0
235.	.1	.1	.3	.8	.4	.0	.0	.0
240.	.1	.1	.4	.9	.5	.0	.0	.0
245.	.1	.1	.5	1.0	.6	.0	.0	.0
250.	.0	.1	.6	1.1	.9	.0	.0	.0
255.	.0	.2	.6	1.1	.8	.1	.0	.0
260.	.0	.2	.6	1.0	.9	.1	.0	.0
265.	.0	.2	.6	.9	.9	.0	.0	.0
270.	.0	.2	.7	.9	1.0	.1	.0	.0
275.	.0	.2	.7	.8	1.0	.1	.0	.0
280.	.0	.2	.6	.8	.9	.1	.0	.0
285.	.0	.2	.6	.8	.9	.1	.0	.0
290.	.0	.2	.6	.7	.8	.1	.1	.0

S8NB15AM.OUT

```

295. * .0 .2 .6 .7 .8 .2 .1 .0
300. * .0 .1 .6 .7 .8 .2 .1 .0
305. * .0 .1 .6 .7 .7 .2 .1 .0
310. * .0 .1 .6 .7 .7 .2 .2 .0
315. * .0 .1 .6 .8 .5 .2 .2 .0
320. * .0 .1 .6 .8 .5 .2 .2 .0
325. * .0 .1 .7 .8 .4 .2 .2 .1
330. * .0 .1 .7 .8 .4 .3 .3 .1
335. * .0 .1 .6 .9 .4 .3 .3 .1
340. * .0 .1 .6 .9 .5 .3 .2 .3
345. * .0 .1 .6 1.0 .6 .2 .2 .3
350. * .0 .1 .6 1.1 .8 .2 .2 .3
355. * .0 .1 .7 1.3 .7 .2 .3 .4
360. * .0 .2 .7 1.3 .7 .2 .4 .4
-----
MAX * .3 .3 1.1 1.4 1.0 .4 .4
DEGR. * 90 45 30 10 270 20 0 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 10 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 30 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 10 DEGREES FROM REC18.

1

PAGE 8

JOB: S8 NB15AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:31:06.86

RUN: S8 NB15AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 165	REC2 285	REC3 260	REC4 185	REC5 285	REC6 265	REC7 35	REC8 215	REC9 195	REC10 185	REC11 275	REC12 215	REC13 190	REC14 155	REC15 95	REC16 110	REC17 90	REC18 10	REC19 105	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.3	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1	.1	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.2	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0
16	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.1	.2	.2	.0	.4	.5	.5	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.3	.2	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 90	REC22 45	REC23 30	REC24 10	REC25 270	REC26 20	REC27 0	REC28 0
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 NB15AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:31:06.86

RUN: S8 NB15AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 90	REC22 45	REC23 30	REC24 10	REC25 270	REC26 20	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

S8NB15AM.OUT

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .1
7 * .0 .0 .0 .0 .0 .0 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .1 .1 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .2 .2 .1
27 * .0 .0 .1 .0 .1 .0 .0 .0
28 * .0 .0 .1 .1 .1 .0 .0 .0
29 * .1 .1 .6 .6 .4 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .1 .2 .5 .3 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 NB15AM MD355&WAT MILL

RUN: S8 NB15AM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 90 45 30 10 270 20 0 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .1 .0 .0 .0 .1 .0 .0 .0

```

S8NB15PM.DAT

S8 NB15PM MD355&WAT MILL 60.0175.0.0000.000280.30480000 11 1

REC 1	SE CORNER	250457.	543297.	5.		
REC 2	164' SE CORNER	250331.	543511.	5.		
REC 3	82' SE CORNER	250292.	543593.	5.		
REC 4	SE CORNER	250272.	543669.	5.		
REC 5	82' ES CORNER	250329.	543714.	5.		
REC 6	164' ES CORNER	250401.	543758.	5.		
REC 7	400' ES CORNER	250616.	543837.	5.		
REC 8	400' EN CORNER	250597.	543919.	5.		
REC 9	164' EN CORNER	250364.	543847.	5.		
REC 10	82' EN CORNER	250295.	543807.	5.		
REC 11	NE CORNER	250220.	543778.	5.		
REC 12	82' NE CORNER	250178.	543827.	5.		
REC 13	164' NE CORNE	250132.	543894.	5.		
REC 14	NE CORNER	249984.	544064.	5.		
REC 15	400 NW CORNER	249775.	544043.	5.		
REC 16	164' NW CORNE	249973.	543875.	5.		
REC 17	82' NW CORNER	250035.	543804.	5.		
REC 18	NW CORNER	250097.	543708.	5.		
REC 19	82' WN CORNER	249972.	543647.	5.		
REC 20	164' WN CORNE	249904.	543605.	5.		
REC 21	400' WN CORNE	249700.	543483.	5.		
REC 22	400' WS CORNE	249797.	543347.	5.		
REC 23	164' WS CORNE	249977.	543495.	5.		
REC 24	82' WS CORNER	250051.	543546.	5.		
REC 25	SW CORNER	250146.	543588.	5.		
REC 26	82' SW CORNER	250185.	543483.	5.		
REC 27	164' SW CORNE	250222.	543405.	5.		
REC 28	400' SW CORNE	250344.	543195.	5.		
S8 NB15PM MD355 & WAT MILL					49	1 1
1						
1	NB 355 R	AG250263.543704.250248.543659.	425 3.3	0. 32.	35.	
0						
1	NB 355 R	AG250248.543659.250293.543561.	425 3.3	0. 32.	35.	
2						
110	NB 355 L	AG250204.543666.250269.543521.	675 3.3	0. 44.	35.	
83						
1	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2		
2.0		675 33.4 1717 3 1				
1	NB 355 T	AG250226.543672.250289.543527.	725 3.3	0. 44.	35.	
2						
110	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2		
82		2.0 725 33.4 1770 3 1				
1	NB 355 ALL	AG250286.543521.250402.543298.	1825 3.3	0. 56.	35.	
0						
1	NB 355 ALL	AG250402.543298.250743.542840.	1825 3.3	0. 56.	35.	
4						
1	NB 355 dp	AG250223.543681.250059.543939.	1300 3.3	0. 56.	40.	
5						
1	NB 355 dp	AG250059.543939.249911.544075.	1300 3.3	0. 56.	40.	
6						
1	NB 355 dp	AG249911.544075.249446.544336.	1300 3.3	0. 56.	40.	
2						
0	SB 355 L	AG250171.543705.250085.543850.	250 3.3	0. 44.	35.	
110						
90	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2		
2.0		250 33.4 1717 3 1				
1	SB 355 L	AG250086.543850.250036.543912.	250 3.3	0. 44.	35.	
0						
1	SB 355 T	AG250148.543694.250065.543836.	800 3.3	0. 56.	35.	
2						
110	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3		
88		2.0 800 33.4 1695 3 1				
1	SB 355 T	AG250065.543836.250020.543901.	800 3.3	0. 56.	35.	
0						
1	SB 355 R	AG250108.543676.250116.543718.	400 3.3	0. 32.	35.	
0						
1	SB 355 R	AG250116.543718.250064.543807.	400 3.3	0. 32.	35.	
0						
1	SB 355 R	AG250064.543807.250001.543885.	400 3.3	0. 32.	35.	
0						
1	SB 355 ALL	AG250016.543901.249875.544028.	1450 3.3	0. 68.	35.	
0						
1	SB 355 ALL	AG249875.544028.249749.544101.	1450 3.3	0. 68.	35.	
0						
1	SB 355 ALL	AG249749.544101.249402.544275.	1450 3.3	0. 56.	35.	
0						
1	SB 355 Dp	AG250680.542801.250525.543011.	1600 3.3	0. 56.	35.	
0						
1	SB 355 Dp	AG250525.543011.250334.543301.	1600 3.3	0. 56.	35.	
0						
1	SB 355 Dp	AG250334.543301.250141.543692.	1600 3.3	0. 56.	35.	
0						
1	EB WatM R	AG250177.543611.249923.543464.	675 3.1	0. 32.	35.	
2						
110	EB WatM T	AG250203.543653.249917.543479.	300 3.1	0. 44.	35.	
83						
2.0	EB WatM L	AG250119.543604.249996.543527.	0. 24.	2		
300		33.4 1770 3 1				
1	EB WatM L	AG250189.543681.249921.543519.	350 3.1	0. 56.	35.	
2						
110	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3		
91		2.0 350 33.4 1663 3 1				
1	EB WatM ALL	AG249913.543489.249354.543146.	1350 3.1	0. 92.	35.	
0						
1	EB WATMdp	AG250193.543672.250354.543752.	1375 3.1	0. 68.	35.	
1						
1	EB WATMdp	AG250354.543752.250503.543838.	1375 3.1	0. 68.	35.	
1						
1	EB WATMdp	AG250503.543838.250636.543867.	1375 3.1	0. 68.	35.	

Page 1

S8NB15PM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	1375	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	1375	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	125	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110			69 2.0 125 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	875	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110			68 2.0 875 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	200	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	1200	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	1200	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	1200	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	1200	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	1200	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1950	3.1	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1950	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 NB15PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:35:34.95

RUN: S8 NB15PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	425.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	425.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	675.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250330.9	543387.2	*	258.	156. AG	135.	100.0	.0	24.0	.94 13.1
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	725.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250354.1	543382.1	*	270.	156. AG	134.	100.0	.0	24.0	.94 13.7
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1825.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1825.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1300.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1300.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1300.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	250.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250098.7	543825.6	*	84.	329. AG	147.	100.0	.0	24.0	.50 4.2
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	250.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	800.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	249999.5	543944.6	*	236.	329. AG	215.	100.0	.0	36.0	.96 12.0
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	800.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	400.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	400.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	400.	3.3	.0	32.0	
21. 0	SB 355 All*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	1450.	3.3	.0	68.0	
22. 0	SB 355 All*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	1450.	3.3	.0	68.0	
23. 0	SB 355 All*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	1450.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1600.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1600.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1600.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	675.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	300.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250045.3	543557.9	*	87.	238. AG	135.	100.0	.0	24.0	.41 4.4
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	350.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250037.2	543589.0	*	79.	239. AG	222.	100.0	.0	36.0	.51 4.0
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1350.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	1375.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	1375.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	1375.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	1375.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	1375.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	125.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250306.6	543757.0	*	53.	59. AG	56.	100.0	.0	12.0	.21 2.7
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	875.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250421.6	543840.3	*	196.	60. AG	111.	100.0	.0	24.0	.72 10.0
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	200.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	1200.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	1200.	3.1	.0	56.0	

JOB: S8 NB15PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:35:34.95

RUN: S8 NB15PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	1200.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	1200.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	1200.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1950.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1950.	3.1	.0	56.0	

JOB: S8 NB15PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:35:34.95

RUN: S8 NB15PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	83	2.0	675	1717	33.40	3	1
6.	NB 355 T	* 110	82	2.0	725	1770	33.40	3	1
13. 0	SB 355 L	* 110	90	2.0	250	1717	33.40	3	1
16.	SB 355 T	* 110	88	2.0	800	1695	33.40	3	1
29.	EB WatM T	* 110	83	2.0	300	1770	33.40	3	1
31. 0	EB WatM L	* 110	91	2.0	350	1663	33.40	3	1
39.	WB WatM L	* 110	69	2.0	125	1770	33.40	3	1
41.	WB WatM T	* 110	68	2.0	875	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8NB15PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	1.0	.1	.0
5.	*	.0	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	1.1	.1	.0
10.	*	.0	.1	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.9	.1	.1
15.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.9	.2	.1
20.	*	.0	.0	.1	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.8	.2	.1
25.	*	.0	.0	.1	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.7	.8	.2	.1
30.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.2	.1
35.	*	.0	.0	.0	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.2	.1
40.	*	.0	.0	.0	.2	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.6	.6	.5	.3	.1
45.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.5	.3	.1
50.	*	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.4	.2	.1
55.	*	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.5	.7	.4	.2	.2
60.	*	.0	.0	.0	.1	.2	.2	.3	.1	.0	.2	.1	.0	.0	.0	.2	.5	.8	.3	.2	.3
65.	*	.0	.0	.0	.1	.2	.2	.4	.1	.1	.2	.1	.0	.0	.0	.2	.4	.8	.3	.2	.2
70.	*	.0	.0	.0	.0	.2	.1	.3	.1	.1	.2	.1	.0	.0	.0	.2	.5	.8	.3	.1	.3
75.	*	.0	.0	.0	.0	.2	.1	.3	.1	.1	.3	.2	.0	.0	.0	.1	.5	.8	.3	.1	.4
80.	*	.0	.0	.0	.0	.1	.1	.3	.2	.2	.4	.2	.0	.0	.0	.2	.6	.9	.4	.3	.4
85.	*	.0	.0	.0	.0	.1	.1	.3	.3	.2	.4	.3	.1	.0	.0	.1	.6	1.0	.5	.4	.5
90.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.5	.4	.1	.0	.1	.6	1.0	.4	.3	.5
95.	*	.0	.0	.0	.0	.0	.0	.1	.3	.3	.5	.3	.1	.0	.0	.2	.6	1.0	.4	.5	.6
100.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.5	.3	.1	.0	.0	.2	.6	1.0	.4	.8	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.1	.1	.0	.3	.7	1.0	.4	.8	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.1	.1	.0	.3	.6	.9	.2	.9	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.5	.1	.1	.0	.3	.6	.8	.4	.8	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.5	.1	.1	.0	.3	.6	.7	.4	.8	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.5	.1	.1	.0	.3	.5	.7	.4	.8	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.1	.1	.0	.1	.4	.6	.5	.5	.2
135.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.2	.1	.0	.1	.6	.6	.5	.4	.2
140.	*	.1	.0	.0	.0	.0	.0	.0	.2	.4	.5	.3	.2	.0	.3	.1	.5	.7	.5	.4	.2
145.	*	.1	.2	.2	.0	.0	.0	.0	.2	.4	.4	.3	.2	.2	.3	.0	.3	.5	.6	.4	.2
150.	*	.2	.3	.3	.1	.0	.0	.0	.2	.4	.4	.4	.4	.3	.4	.0	.2	.5	.6	.2	.2
155.	*	.2	.3	.5	.3	.0	.0	.0	.2	.5	.4	.4	.3	.3	.5	.0	.1	.3	.4	.2	.2
160.	*	.2	.4	.4	.4	.0	.0	.0	.2	.5	.4	.4	.4	.4	.4	.0	.1	.2	.4	.2	.2
165.	*	.2	.7	.5	.4	.0	.0	.0	.2	.5	.5	.5	.4	.6	.4	.0	.1	.3	.5	.2	.2
170.	*	.3	.6	.8	.7	.1	.0	.0	.2	.5	.7	.6	.4	.6	.4	.0	.1	.3	.4	.2	.2
175.	*	.3	.6	.9	.8	.3	.0	.0	.2	.5	.8	.6	.4	.5	.4	.0	.0	.2	.5	.2	.2
180.	*	.3	.8	1.0	.7	.3	.0	.0	.2	.6	.7	.6	.2	.5	.4	.0	.0	.1	.5	.2	.2
185.	*	.3	.9	1.1	.7	.3	.1	.0	.2	.6	.7	.6	.2	.6	.3	.0	.0	.1	.5	.2	.2
190.	*	.3	.9	1.1	.7	.3	.2	.0	.2	.6	.9	.5	.2	.6	.3	.0	.1	.0	.6	.2	.3
195.	*	.3	.9	1.1	.7	.4	.3	.0	.2	.7	.8	.3	.4	.7	.2	.0	.1	.1	.6	.2	.3
200.	*	.3	.9	1.0	.6	.3	.2	.0	.2	.7	.8	.2	.5	.6	.2	.0	.1	.1	.6	.2	.3
205.	*	.3	.9	.9	.6	.3	.2	.0	.2	.7	.6	.3	.5	.5	.2	.0	.1	.1	.5	.2	.3

1

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.8	1.0	.6	.3	.3	.0	.3	.7	.5	.5	.5	.6	.2	.0	.1	.1	.4	.3	.3
215.	*	.3	.8	.8	.5	.3	.3	.0	.3	.6	.4	.5	.7	.6	.2	.0	.1	.1	.4	.4	.4
220.	*	.3	.8	.8	.4	.4	.3	.0	.3	.4	.4	.4	.7	.5	.2	.0	.0	.1	.4	.4	.4
225.	*	.3	.8	.8	.4	.4	.4	.0	.3	.4	.3	.4	.6	.5	.2	.0	.0	.1	.3	.4	.4
230.	*	.3	.8	.8	.4	.4	.4	.0	.4	.3	.6	.4	.7	.4	.2	.0	.0	.1	.3	.4	.4
235.	*	.3	.8	.7	.4	.2	.2	.1	.5	.3	.4	.4	.7	.4	.2	.0	.0	.0	.3	.2	.2
240.	*	.3	.8	.8	.5	.4	.2	.1	.4	.2	.2	.4	.7	.4	.2	.0	.0	.0	.2	.2	.2
245.	*	.2	.8	.8	.6	.4	.3	.1	.3	.1	.3	.4	.6	.4	.2	.0	.0	.0	.1	.1	.1
250.	*	.2	.8	.9	.6	.4	.3	.3	.3	.1	.3	.3	.6	.4	.1	.0	.0	.0	.1	.1	.1
255.	*	.2	.8	.9	.7	.5	.3	.3	.4	.1	.3	.4	.6	.4	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.8	1.1	.5	.3	.3	.3	.3	.1	.3	.4	.6	.4	.2	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	1.1	.4	.2	.5	.4	.3	.1	.4	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0
270.	*	.2	.7	1.2	.4	.4	.5	.4	.2	.1	.4	.6	.5	.4	.3	.0	.0	.0	.0	.0	.0
275.	*	.2	.7	1.1	.3	.4	.6	.4	.1	.1	.4	.6	.5	.5	.3	.0	.0	.0	.0	.0	.0
280.	*	.3	.8	1.0	.3	.6	.6	.2	.0	.1	.3	.6	.5	.5	.3	.0	.0	.0	.0	.0	.0
285.	*	.3	.9	1.1	.4	.7	.4	.3	.0	.1	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0

S8NB15PM.OUT																					
290.	*	.2	1.0	1.1	.3	.8	.4	.3	.0	.1	.1	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0
295.	*	.2	1.0	.8	.5	.8	.4	.3	.0	.0	.1	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0
300.	*	.4	1.0	.9	.5	.7	.4	.3	.0	.0	.1	.4	.3	.4	.1	.1	.0	.0	.0	.0	.0
305.	*	.5	1.0	.7	.5	.7	.3	.2	.0	.0	.1	.3	.3	.3	.1	.2	.0	.0	.0	.0	.0
310.	*	.5	1.0	.5	.5	.6	.3	.2	.0	.0	.0	.3	.2	.2	.1	.2	.0	.0	.0	.0	.0
315.	*	.5	.8	.7	.5	.6	.4	.2	.0	.0	.0	.2	.2	.2	.0	.3	.1	.0	.1	.0	.0
320.	*	.6	.6	.7	.4	.5	.4	.1	.0	.0	.0	.2	.1	.2	.0	.3	.1	.1	.1	.0	.0
325.	*	.5	.5	.6	.3	.5	.4	.1	.0	.0	.0	.0	.1	.0	.0	.3	.2	.2	.2	.0	.0
330.	*	.3	.5	.4	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.0	.0
335.	*	.3	.2	.4	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.3	.4	.0	.0
340.	*	.1	.1	.2	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.4	.6	.0	.0
345.	*	.0	.0	.1	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.6	.7	.0	.0
350.	*	.0	.1	.2	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.9	.0	.0
355.	*	.0	.1	.2	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	1.0	.0	.0
360.	*	.0	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	1.0	.1	.0
MAX		.6	1.0	1.2	.8	.8	.6	.4	.5	.7	.9	.6	.7	.7	.5	.3	.7	1.0	1.1	.9	.6
DEGR.		320	290	270	175	290	275	65	235	195	190	170	215	195	155	105	105	85	5	110	95

1

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION								
(PPM)								
ANGLE * (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.2	.3	1.1	.6	.1	.3	.5
5.	* .0	.2	.3	1.2	.6	.1	.3	.4
10.	* .0	.2	.3	1.3	.4	.2	.3	.3
15.	* .0	.2	.4	1.3	.4	.3	.4	.2
20.	* .0	.3	.3	1.2	.4	.4	.4	.2
25.	* .0	.3	.4	1.2	.3	.4	.4	.2
30.	* .0	.3	.6	1.1	.4	.4	.4	.1
35.	* .1	.3	.7	1.2	.4	.4	.5	.2
40.	* .1	.1	.6	1.2	.4	.4	.5	.2
45.	* .1	.1	.5	1.2	.4	.4	.5	.2
50.	* .2	.1	.4	1.1	.4	.4	.5	.2
55.	* .2	.0	.5	.9	.4	.4	.5	.2
60.	* .1	.0	.4	.7	.3	.4	.5	.2
65.	* .2	.0	.3	.5	.4	.4	.5	.2
70.	* .2	.0	.4	.6	.4	.4	.5	.2
75.	* .2	.0	.3	.6	.4	.5	.5	.2
80.	* .2	.0	.3	.5	.4	.5	.4	.2
85.	* .2	.0	.3	.5	.4	.5	.4	.2
90.	* .2	.0	.3	.5	.4	.5	.4	.2
95.	* .3	.0	.3	.4	.4	.5	.4	.2
100.	* .3	.0	.3	.4	.6	.5	.4	.2
105.	* .3	.0	.1	.4	.6	.5	.4	.2
110.	* .3	.0	.1	.4	.6	.5	.2	.3
115.	* .3	.0	.1	.4	.6	.4	.2	.3
120.	* .3	.0	.1	.3	.7	.4	.3	.3
125.	* .3	.0	.1	.2	.6	.4	.2	.2
130.	* .3	.0	.0	.1	.6	.4	.3	.2
135.	* .3	.0	.0	.1	.5	.2	.3	.2
140.	* .3	.0	.0	.1	.5	.3	.3	.1
145.	* .3	.0	.0	.1	.3	.2	.1	.1
150.	* .3	.0	.0	.1	.1	.1	.1	.0
155.	* .3	.0	.0	.1	.1	.0	.0	.0
160.	* .3	.0	.0	.1	.1	.0	.0	.0
165.	* .3	.0	.0	.1	.0	.0	.0	.0
170.	* .3	.0	.0	.1	.0	.0	.0	.0
175.	* .3	.0	.1	.1	.0	.0	.0	.0
180.	* .3	.0	.1	.1	.0	.0	.0	.0
185.	* .3	.0	.1	.1	.0	.0	.0	.0
190.	* .3	.0	.1	.1	.0	.0	.0	.0
195.	* .3	.0	.1	.1	.0	.0	.0	.0
200.	* .3	.0	.1	.1	.0	.0	.0	.0
205.	* .3	.0	.1	.1	.1	.0	.0	.0

1

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION								
(PPM)								
ANGLE * (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .3	.0	.1	.1	.1	.0	.0	.0
215.	* .3	.0	.1	.1	.1	.0	.0	.0
220.	* .3	.0	.1	.1	.1	.0	.0	.0
225.	* .3	.0	.2	.1	.1	.0	.0	.0
230.	* .2	.0	.2	.2	.1	.0	.0	.0
235.	* .2	.1	.2	.2	.2	.0	.0	.0
240.	* .1	.1	.2	.4	.5	.0	.0	.0
245.	* .1	.1	.3	.4	.6	.0	.0	.0
250.	* .1	.1	.3	.4	.6	.0	.0	.0
255.	* .0	.2	.3	.4	.6	.0	.0	.0
260.	* .0	.2	.3	.3	.7	.1	.0	.0
265.	* .0	.2	.3	.2	.7	.1	.0	.0
270.	* .0	.2	.3	.1	.8	.1	.0	.0
275.	* .0	.2	.3	.1	.8	.1	.0	.0
280.	* .0	.2	.2	.1	.8	.1	.0	.0
285.	* .0	.2	.2	.1	.9	.1	.0	.0
290.	* .0	.2	.2	.1	.8	.1	.0	.0

S8NB15PM.OUT

295.	*	.0	.2	.2	.1	.8	.2	.0	.0
300.	*	.0	.2	.2	.1	.7	.2	.0	.0
305.	*	.0	.2	.2	.2	.6	.2	.0	.0
310.	*	.0	.2	.2	.2	.6	.2	.1	.0
315.	*	.0	.2	.2	.2	.5	.2	.1	.0
320.	*	.0	.2	.2	.2	.6	.2	.2	.0
325.	*	.0	.2	.2	.4	.4	.3	.2	.0
330.	*	.0	.2	.2	.4	.5	.4	.2	.1
335.	*	.0	.2	.2	.6	.4	.4	.3	.3
340.	*	.0	.2	.2	.6	.5	.3	.2	.3
345.	*	.0	.2	.2	.8	.6	.2	.2	.4
350.	*	.0	.2	.2	.9	.6	.2	.2	.5
355.	*	.0	.2	.2	1.0	.7	.2	.2	.5
360.	*	.0	.2	.3	1.1	.6	.1	.3	.5
MAX	*	.3	.3	.7	1.3	.9	.5	.5	.5
DEGR.	*	95	20	35	10	285	75	35	0

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 10 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 270 DEGREES FROM REC3.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 5 DEGREES FROM REC18.

1

PAGE 8

JOB: S8 NB15PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:35:34.95

RUN: S8 NB15PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 320	REC2 290	REC3 270	REC4 175	REC5 290	REC6 275	REC7 65	REC8 235	REC9 195	REC10 190	REC11 170	REC12 215	REC13 195	REC14 155	REC15 105	REC16 105	REC17 85	REC18 5	REC19 110	REC20 95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.1	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	
5	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.2	.4	.3	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	
7	*	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.2	.2	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
16	*	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.2	.3	.3	.1	.4	.5	.6	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.1	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.1	.2	.0	.1	.3	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 9

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 20	REC23 35	REC24 10	REC25 285	REC26 75	REC27 35	REC28 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.1	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 NB15PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:35:34.95

RUN: S8 NB15PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 20	REC23 35	REC24 10	REC25 285	REC26 75	REC27 35	REC28 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.1	.0	.0	.0	.0	.0

S8NB15PM.OUT

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .2 .2 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .1
7 * .0 .0 .0 .0 .0 .1 .1 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .1 .1 .2 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .1 .0 .1 .0 .0 .0
28 * .0 .0 .1 .0 .0 .0 .0 .0
29 * .0 .0 .1 .5 .3 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .2 .5 .4 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 NB15PM MD355&WAT MILL

RUN: S8 NB15PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 95 20 35 10 285 75 35 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .1 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .1 .0 .0 .0

```

S8B115AM.DAT

S8 B115AM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 B115AM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	50	3.3	0.	32.	35.	
0	1	NB 355 R	AG250248.543659.250293.543561.	50	3.3	0.	32.	35.
	2	NB 355 L	AG250204.543666.250269.543521.	425	3.3	0.	44.	35.
	100	NB 355 L	AG250224.543622.250254.543556.	0.	24.	2		
			72 2.0 425 33.4 1717 3 1					
1	2	NB 355 T	AG250226.543672.250289.543527.	675	3.3	0.	44.	35.
	100	NB 355 T	AG250244.543629.250277.543555.	0.	24.	2		
			69 2.0 675 33.4 1770 3 1					
1	1	NB 355 ALL	AG250286.543521.250402.543298.	1150	3.3	0.	56.	35.
0	1	NB 355 ALL	AG250402.543298.250743.542840.	1150	3.3	0.	56.	35.
4	1	NB 355 dp	AG250223.543681.250059.543939.	950	3.3	0.	56.	40.
5	1	NB 355 dp	AG250059.543939.249911.544075.	950	3.3	0.	56.	40.
6	1	NB 355 dp	AG249911.544075.249446.544336.	950	3.3	0.	56.	40.
	2	SB 355 L	AG250171.543705.250085.543850.	100	3.3	0.	44.	35.
0	100	SB 355 L	AG250142.543754.250093.543835.	0.	24.	2		
			80 2.0 100 33.4 1717 3 1					
1	0	SB 355 L	AG250086.543850.250036.543912.	100	3.3	0.	44.	35.
1	2	SB 355 T	AG250148.543694.250065.543836.	550	3.3	0.	56.	35.
	100	SB 355 T	AG250120.543742.250073.543821.	0.	36.	3		
			78 2.0 550 33.4 1695 3 1					
1	0	SB 355 T	AG250065.543836.250020.543901.	550	3.3	0.	56.	35.
1	0	SB 355 R	AG250108.543676.250116.543718.	175	3.3	0.	32.	35.
0	1	SB 355 R	AG250116.543718.250064.543807.	175	3.3	0.	32.	35.
0	1	SB 355 R	AG250064.543807.250001.543885.	175	3.3	0.	32.	35.
0	1	SB 355 ALL	AG250016.543901.249875.544028.	825	3.3	0.	68.	35.
0	1	SB 355 ALL	AG249875.544028.249749.544101.	825	3.3	0.	68.	35.
0	1	SB 355 ALL	AG249749.544101.249402.544275.	825	3.3	0.	56.	35.
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1650	3.3	0.	56.	35.
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1650	3.3	0.	56.	35.
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1650	3.3	0.	56.	35.
0	1	EB WatM R	AG250177.543611.249923.543464.	750	3.1	0.	32.	35.
	2	EB WatM T	AG250203.543653.249917.543479.	550	3.1	0.	44.	35.
	100	EB WatM T	AG250119.543604.249996.543527.	0.	24.	2		
			73 2.0 550 33.4 1770 3 1					
1	2	EB WatM L	AG250189.543681.249921.543519.	175	3.1	0.	56.	35.
0	100	EB WatM L	AG250105.543630.249976.543552.	0.	36.	3		
			85 2.0 175 33.4 1663 3 1					
1	1	EB WatM ALL	AG249913.543489.249354.543146.	1475	3.1	0.	92.	35.
EB	1	EB WATMdp	AG250193.543672.250354.543752.	700	3.1	0.	68.	35.
	1	EB WATMdp	AG250354.543752.250503.543838.	700	3.1	0.	68.	35.
	1	EB WATMdp	AG250503.543838.250636.543867.	700	3.1	0.	68.	35.

S8B115AM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	700	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	700	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	350	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
100			69 2.0 350 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	550	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
100			57 2.0 550 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	100	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	1000	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	1000	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	1000	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	1000	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	1000	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1150	3.1	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1150	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B115AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:09:03.87

RUN: S8 B115AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	50.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	50.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	425.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250268.9	543523.3	*	108.	156. AG	129.	100.0	.0	24.0	.51 5.5
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	675.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250308.6	543484.2	*	159.	156. AG	124.	100.0	.0	24.0	.71 8.1
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1150.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1150.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	950.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	950.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	950.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250127.7	543777.6	*	28.	329. AG	143.	100.0	.0	24.0	.18 1.4
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	550.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250064.4	543835.5	*	109.	329. AG	210.	100.0	.0	36.0	.60 5.5
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	550.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	175.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	175.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	175.	3.3	.0	32.0	
21. 0	SB 355 All*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	825.	3.3	.0	68.0	
22. 0	SB 355 All*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	825.	3.3	.0	68.0	
23. 0	SB 355 All*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	825.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1650.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1650.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1650.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	750.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	550.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250003.3	543531.6	*	136.	238. AG	131.	100.0	.0	24.0	.68 6.9
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	175.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250074.4	543611.5	*	36.	239. AG	228.	100.0	.0	36.0	.32 1.8
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1475.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	700.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	700.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	700.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	700.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	700.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	350.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250405.8	543815.8	*	168.	59. AG	62.	100.0	.0	12.0	.73 8.5
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	550.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250336.2	543790.3	*	97.	60. AG	102.	100.0	.0	24.0	.40 5.0
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	100.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	1000.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	1000.	3.1	.0	56.0	

JOB: S8 B115AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:09:03.87

RUN: S8 B115AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	1000.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	1000.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	1000.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1150.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1150.	3.1	.0	56.0	

JOB: S8 B115AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:09:03.87

RUN: S8 B115AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 100	72	2.0	425	1717	33.40	3	1
6.	NB 355 T	* 100	69	2.0	675	1770	33.40	3	1
13. 0	SB 355 L	* 100	80	2.0	100	1717	33.40	3	1
16.	SB 355 T	* 100	78	2.0	550	1695	33.40	3	1
29.	EB WatM T	* 100	73	2.0	550	1770	33.40	3	1
31. 0	EB WatM L	* 100	85	2.0	175	1663	33.40	3	1
39.	WB WatM L	* 100	69	2.0	350	1770	33.40	3	1
41.	WB WatM T	* 100	57	2.0	550	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

7. REC 7 400' ES CORNER * 250616.0 543837.0 5.0 *
8. REC 8 400' EN CORNER * 250597.0 543919.0 5.0 *
9. REC 9 164' EN CORNER * 250364.0 543847.0 5.0 *
10. REC 10 82' EN CORNER * 250295.0 543807.0 5.0 *
11. REC 11 NE CORNER * 250220.0 543778.0 5.0 *
12. REC 12 82' NE CORNER * 250178.0 543827.0 5.0 *
13. REC 13 164' NE CORNE * 250132.0 543894.0 5.0 *
14. REC 14 NE CORNER * 249984.0 544064.0 5.0 *
15. REC 15 400 NW CORNER * 249775.0 544043.0 5.0 *
16. REC 16 164' NW CORNE * 249973.0 543875.0 5.0 *
17. REC 17 82' NW CORNER * 250035.0 543804.0 5.0 *
18. REC 18 NW CORNER * 250097.0 543708.0 5.0 *
19. REC 19 82' WN CORNER * 249972.0 543647.0 5.0 *
20. REC 20 164' WN CORNE * 249904.0 543605.0 5.0 *
21. REC 21 400' WN CORNE * 249700.0 543483.0 5.0 *
22. REC 22 400' WS CORNE * 249797.0 543347.0 5.0 *
23. REC 23 164' WS CORNE * 249977.0 543495.0 5.0 *
24. REC 24 82' WS CORNER * 250051.0 543546.0 5.0 *
25. REC 25 SW CORNER * 250146.0 543588.0 5.0 *
26. REC 26 82' SW CORNER * 250185.0 543483.0 5.0 *
27. REC 27 164' SW CORNE * 250222.0 543405.0 5.0 *
28. REC 28 400' SW CORNE * 250344.0 543195.0 5.0 *

S8B115AM.OUT

1

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0	.0
5.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.7	.0	.0
10.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.7	.0	.0
15.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.8	.0	.0
20.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.7	.1	.0
25.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.7	.1	.0
30.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.1	.1
35.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.1
40.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.1
45.	*	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.1
50.	*	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.1
55.	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.4	.1	.1
60.	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.2	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.5	.2	.2	.1
70.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.6	.2	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.6	.1	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.1	.0	.6	.1	.1	.2
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.1	.0	.6	.0	.2	.3
90.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.3	.0	.0	.0	.1	.0	.6	.0	.2	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.3	.3	.0	.0	.0	.1	.1	.7	.1	.4	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.1	.0	.0	.1	.1	.7	.2	.5	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.1	.0	.0	.1	.1	.8	.2	.6	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.1	.0	.0	.1	.2	.7	.2	.5	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.1	.0	.0	.1	.2	.7	.3	.4	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.0	.2	.6	.4	.4	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.1	.2	.5	.4	.3	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.0	.1	.2	.4	.5	.2	.2
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.2	.4	.5	.2	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.1	.0	.3	.3	.5	.2	.1
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.0	.0	.2	.0	.2	.2	.4	.2	.1
150.	*	.1	.1	.1	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.2	.0	.2	.2	.3	.2	.1
155.	*	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.1	.2	.1	.2	.0	.0	.2	.2	.2	.1
160.	*	.1	.2	.2	.1	.0	.0	.0	.1	.2	.3	.2	.4	.2	.2	.0	.0	.2	.3	.2	.1
165.	*	.2	.2	.3	.2	.0	.0	.0	.1	.2	.3	.3	.4	.2	.2	.0	.0	.2	.4	.2	.1
170.	*	.2	.2	.4	.4	.0	.0	.0	.1	.2	.3	.3	.4	.3	.2	.0	.0	.2	.3	.2	.1
175.	*	.2	.1	.5	.4	.0	.0	.0	.1	.2	.4	.4	.2	.3	.1	.0	.0	.1	.4	.1	.1
180.	*	.2	.2	.6	.6	.1	.0	.0	.1	.2	.4	.4	.2	.2	.1	.0	.0	.1	.4	.1	.1
185.	*	.2	.2	.7	.7	.1	.0	.0	.1	.2	.7	.3	.2	.3	.1	.0	.0	.1	.4	.1	.2
190.	*	.2	.2	.6	.7	.2	.0	.0	.1	.3	.7	.2	.2	.3	.1	.0	.0	.0	.4	.1	.2
195.	*	.2	.2	.6	.6	.3	.0	.0	.1	.4	.7	.2	.2	.4	.1	.0	.0	.0	.4	.1	.2
200.	*	.2	.3	.6	.6	.3	.1	.0	.2	.4	.7	.2	.4	.4	.1	.0	.0	.0	.3	.1	.2
205.	*	.2	.3	.7	.6	.3	.1	.0	.2	.4	.4	.2	.4	.4	.1	.0	.0	.0	.3	.2	.2

1

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.7	.6	.3	.1	.0	.2	.2	.4	.3	.4	.4	.1	.0	.0	.0	.3	.2	.2
215.	*	.2	.3	.7	.5	.3	.2	.0	.2	.2	.2	.4	.4	.3	.1	.0	.0	.1	.2	.2	.2
220.	*	.2	.4	.7	.4	.3	.2	.0	.2	.3	.2	.3	.4	.3	.1	.0	.0	.0	.2	.3	.3
225.	*	.2	.4	.7	.4	.3	.2	.0	.2	.2	.2	.4	.4	.3	.1	.0	.0	.0	.3	.3	.3
230.	*	.2	.4	.7	.4	.3	.1	.0	.2	.1	.1	.1	.4	.2	.1	.0	.0	.0	.3	.3	.3
235.	*	.2	.4	.7	.4	.3	.1	.0	.2	.1	.0	.1	.5	.2	.1	.0	.0	.0	.2	.1	.1
240.	*	.2	.5	.7	.3	.3	.2	.0	.2	.1	.0	.2	.4	.2	.1	.0	.0	.0	.1	.1	.1
245.	*	.2	.5	.7	.3	.3	.2	.0	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.7	.4	.1	.2	.1	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.5	.8	.3	.1	.4	.1	.2	.1	.1	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	.8	.2	.1	.4	.1	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.5	.8	.1	.1	.4	.1	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.6	.8	.2	.2	.4	.1	.1	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.7	.9	.2	.2	.4	.1	.0	.0	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0
280.	*	.2	.7	.8	.1	.3	.4	.1	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.7	.7	.3	.4	.4	.1	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0

S8B115AM.OUT

290.	*	.2	.8	.7	.3	.4	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	
295.	*	.2	.7	.6	.3	.4	.3	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	
300.	*	.2	.6	.7	.3	.4	.3	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	
305.	*	.2	.7	.6	.3	.3	.3	.2	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	
310.	*	.2	.7	.4	.3	.3	.2	.1	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	
315.	*	.2	.8	.3	.3	.4	.2	.1	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	
320.	*	.3	.6	.4	.3	.4	.3	.1	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	
325.	*	.2	.5	.4	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0	
330.	*	.2	.3	.1	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0	
335.	*	.0	.1	.0	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0	
340.	*	.0	.1	.0	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.0	
345.	*	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.4	.0	
350.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0	
355.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0	
360.	*	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0	
MAX		.3	.8	.9	.7	.4	.4	.2	.3	.4	.7	.4	.5	.4	.2	.3	.3	.8	.8	.6	.3
DEGR.		320	290	275	185	285	255	0	95	195	185	175	235	195	145	325	140	105	15	105	85

1

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.3	.9	.4	.1	.3	.3
5.	.0	.1	.2	.9	.4	.1	.3	.2
10.	.0	.1	.3	1.0	.4	.2	.3	.2
15.	.0	.1	.4	1.1	.4	.2	.3	.1
20.	.0	.1	.4	1.1	.4	.3	.3	.1
25.	.0	.1	.5	1.1	.4	.3	.3	.1
30.	.0	.1	.6	1.0	.4	.3	.2	.1
35.	.0	.1	.5	1.1	.3	.3	.2	.1
40.	.0	.1	.6	1.0	.3	.3	.2	.1
45.	.0	.1	.6	1.0	.3	.3	.2	.1
50.	.0	.1	.7	1.0	.2	.3	.3	.2
55.	.1	.1	.6	.9	.2	.3	.2	.2
60.	.1	.0	.5	.7	.3	.3	.2	.2
65.	.1	.0	.5	.7	.4	.3	.2	.2
70.	.1	.0	.4	.8	.4	.3	.2	.2
75.	.1	.0	.3	.7	.4	.2	.2	.2
80.	.1	.0	.2	.5	.4	.2	.2	.2
85.	.1	.0	.1	.5	.4	.2	.2	.2
90.	.2	.0	.1	.5	.5	.2	.2	.2
95.	.2	.0	.1	.4	.5	.2	.2	.2
100.	.2	.0	.1	.3	.5	.2	.2	.2
105.	.2	.0	.1	.2	.5	.2	.2	.3
110.	.2	.0	.1	.2	.4	.2	.1	.3
115.	.2	.0	.1	.2	.4	.2	.1	.3
120.	.2	.0	.1	.2	.4	.2	.1	.3
125.	.2	.0	.1	.2	.4	.1	.1	.3
130.	.2	.0	.1	.1	.3	.1	.3	.1
135.	.2	.0	.1	.1	.2	.1	.2	.1
140.	.2	.0	.1	.1	.2	.2	.2	.1
145.	.2	.0	.1	.1	.2	.2	.1	.1
150.	.2	.0	.1	.1	.1	.1	.1	.0
155.	.2	.0	.1	.1	.1	.0	.0	.0
160.	.2	.0	.1	.1	.1	.0	.0	.0
165.	.2	.0	.1	.1	.0	.0	.0	.0
170.	.2	.0	.1	.1	.0	.0	.0	.0
175.	.2	.0	.1	.1	.0	.0	.0	.0
180.	.2	.0	.1	.1	.0	.0	.0	.0
185.	.2	.0	.1	.1	.0	.0	.0	.0
190.	.2	.0	.1	.1	.0	.0	.0	.0
195.	.2	.0	.1	.1	.1	.0	.0	.0
200.	.2	.0	.1	.1	.1	.0	.0	.0
205.	.2	.0	.1	.1	.1	.0	.0	.0

1

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.1	.2	.1	.0	.0	.0
215.	.2	.0	.1	.2	.1	.0	.0	.0
220.	.2	.0	.1	.2	.1	.0	.0	.0
225.	.2	.0	.2	.4	.1	.0	.0	.0
230.	.1	.0	.2	.6	.2	.0	.0	.0
235.	.1	.1	.2	.7	.3	.0	.0	.0
240.	.1	.1	.3	.8	.6	.0	.0	.0
245.	.1	.1	.4	.7	.6	.0	.0	.0
250.	.0	.1	.4	.9	.8	.0	.0	.0
255.	.0	.1	.4	.9	.7	.1	.0	.0
260.	.0	.1	.4	.8	.7	.0	.0	.0
265.	.0	.1	.4	.9	.7	.0	.0	.0
270.	.0	.2	.4	.9	.8	.0	.0	.0
275.	.0	.2	.4	.8	.6	.0	.0	.0
280.	.0	.2	.3	.8	.7	.0	.0	.0
285.	.0	.1	.3	.7	.7	.1	.0	.0
290.	.0	.1	.3	.7	.6	.1	.0	.0

S8B115AM.OUT

```

295. * .0 .1 .3 .7 .7 .1 .0 .0
300. * .0 .1 .3 .7 .7 .1 .0 .0
305. * .0 .1 .3 .7 .7 .1 .1 .0
310. * .0 .1 .3 .7 .6 .1 .1 .0
315. * .0 .1 .3 .7 .6 .2 .1 .0
320. * .0 .1 .3 .7 .6 .2 .1 .0
325. * .0 .1 .3 .6 .5 .2 .1 .1
330. * .0 .1 .3 .6 .5 .2 .1 .1
335. * .0 .1 .3 .6 .4 .2 .1 .1
340. * .0 .1 .3 .6 .5 .2 .2 .1
345. * .0 .1 .3 .6 .5 .2 .2 .2
350. * .0 .1 .3 .6 .5 .2 .1 .2
355. * .0 .1 .3 .7 .5 .2 .2 .2
360. * .0 .1 .3 .9 .4 .1 .3 .3
-----
MAX * .2 .2 .7 1.1 .8 .3 .3 .3
DEGR. * 90 270 50 15 250 20 0 0

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 15 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 275 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 290 DEGREES FROM REC2 .

1

PAGE 8

JOB: S8 B115AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:09:03.87

RUN: S8 B115AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 320	REC2 290	REC3 275	REC4 185	REC5 285	REC6 255	REC7 0	REC8 95	REC9 195	REC10 185	REC11 175	REC12 235	REC13 195	REC14 145	REC15 325	REC16 140	REC17 105	REC18 15	REC19 105	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.3	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.2	.5	.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC1 320	REC2 290	REC3 275	REC4 185	REC5 285	REC6 255	REC7 0	REC8 95
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 B115AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:09:03.87

RUN: S8 B115AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 90	REC22 270	REC23 50	REC24 15	REC25 250	REC26 20	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

Page 4

S8B115AM.OUT

```

-----*-----
1  * .0 .0 .0 .0 .0 .0 .0 .0
2  * .0 .0 .0 .0 .0 .0 .0 .0
3  * .0 .0 .0 .0 .0 .0 .0 .0
4  * .0 .0 .0 .0 .0 .1 .1 .0
5  * .0 .0 .0 .0 .0 .0 .0 .0
6  * .0 .0 .0 .0 .0 .1 .1 .0
7  * .0 .0 .0 .0 .0 .0 .0 .1
8  * .0 .0 .0 .0 .0 .0 .0 .0
9  * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .1 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .2 .0 .2 .0 .0 .0
28 * .0 .0 .1 .1 .1 .0 .0 .0
29 * .0 .0 .3 .6 .3 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .0 .0 .0 .0
32 * .1 .1 .0 .0 .1 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B115AM MD355&WAT MILL

RUN: S8 B115AM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 90 270 50 15 250 20 0 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .1 .1 .0 .0 .1 .0 .0 .0

```

S8B115PM.DAT

S8 B115PM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 B115PM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	500 3.3	0. 32.	35.
0	1	NB 355 R	AG250248.543659.250293.543561.	500 3.3	0. 32. 35.
	2	NB 355 L	AG250204.543666.250269.543521.	925 3.3	0. 44. 35.
	110	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2
			72 2.0 925 33.4 1717 3 1		
1	NB 355 T	AG250226.543672.250289.543527.	350 3.3	0. 44.	35.
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2	
110			68 2.0 350 33.4 1770 3 1		
1	NB 355 ALL	AG250286.543521.250402.543298.	1775 3.3	0. 56.	35.
0	1	NB 355 ALL	AG250402.543298.250743.542840.	1775 3.3	0. 56. 35.
4	1	NB 355 dp	AG250223.543681.250059.543939.	575 3.3	0. 56. 40.
5	1	NB 355 dp	AG250059.543939.249911.544075.	575 3.3	0. 56. 40.
6	1	NB 355 dp	AG249911.544075.249446.544336.	575 3.3	0. 56. 40.
2	SB 355 L	AG250171.543705.250085.543850.	100 3.3	0. 44.	35.
0	110	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2
			88 2.0 100 33.4 1717 3 1		
1	SB 355 L	AG250086.543850.250036.543912.	100 3.3	0. 44.	35.
0	1	SB 355 T	AG250148.543694.250065.543836.	650 3.3	0. 56. 35.
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3	
110			83 2.0 650 33.4 1695 3 1		
1	SB 355 T	AG250065.543836.250020.543901.	650 3.3	0. 56.	35.
0	1	SB 355 R	AG250108.543676.250116.543718.	200 3.3	0. 32. 35.
0	1	SB 355 R	AG250116.543718.250064.543807.	200 3.3	0. 32. 35.
0	1	SB 355 R	AG250064.543807.250001.543885.	200 3.3	0. 32. 35.
0	1	SB 355 ALL	AG250016.543901.249875.544028.	950 3.3	0. 68. 35.
0	1	SB 355 ALL	AG249875.544028.249749.544101.	950 3.3	0. 68. 35.
0	1	SB 355 ALL	AG249749.544101.249402.544275.	950 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1450 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1450 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1450 3.3	0. 56. 35.
0	1	EB WatM R	AG250177.543611.249923.543464.	700 3.1	0. 32. 35.
2	EB WatM T	AG250203.543653.249917.543479.	325 3.1	0. 44.	35.
110	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2	
			88 2.0 325 33.4 1770 3 1		
1	EB WatM L	AG250189.543681.249921.543519.	150 3.1	0. 56.	35.
0	2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3
110			95 2.0 150 33.4 1663 3 1		
1	EB WatM ALL	AG249913.543489.249354.543146.	1175 3.1	0. 92.	35.
1	EB WATMdp	AG250193.543672.250354.543752.	925 3.1	0. 68.	35.
1	EB WATMdp	AG250354.543752.250503.543838.	925 3.1	0. 68.	35.
1	EB WATMdp	AG250503.543838.250636.543867.	925 3.1	0. 68.	35.

Page 1

S8B115PM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	925	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	925	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	100	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110			80 2.0 100 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	650	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110			73 2.0 650 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	75	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	825	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	825	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	825	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	825	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	825	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1775	3.1	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1775	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B115PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:14:37.59

RUN: S8 B115PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	500.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	500.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	925.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250330.1	543388.8	*	256.	156. AG	117.	100.0	.0	24.0	.87 13.0
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	350.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250274.1	543561.5	*	74.	156. AG	111.	100.0	.0	24.0	.29 3.8
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1775.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1775.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	575.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	575.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	575.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250126.3	543779.9	*	30.	329. AG	143.	100.0	.0	24.0	.18 1.5
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	650.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250059.4	543843.9	*	119.	329. AG	203.	100.0	.0	36.0	.61 6.0
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	650.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	200.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	200.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	200.	3.3	.0	32.0	
21. 0	SB 355 All*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	950.	3.3	.0	68.0	
22. 0	SB 355 All*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	950.	3.3	.0	68.0	
23. 0	SB 355 All*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	950.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1450.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1450.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1450.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	700.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	325.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250028.2	543547.2	*	107.	238. AG	143.	100.0	.0	24.0	.56 5.4
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	150.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250075.4	543612.1	*	35.	239. AG	232.	100.0	.0	36.0	.30 1.8
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1175.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	925.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	925.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	925.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	925.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	925.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	100.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250306.7	543757.0	*	53.	59. AG	65.	100.0	.0	12.0	.24 2.7
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	650.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250381.8	543817.0	*	150.	60. AG	119.	100.0	.0	24.0	.61 7.6
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	75.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	825.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	825.	3.1	.0	56.0	

JOB: S8 B115PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:14:37.59

RUN: S8 B115PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	825.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	825.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	825.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1775.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1775.	3.1	.0	56.0	

JOB: S8 B115PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:14:37.59

RUN: S8 B115PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	72	2.0	925	1717	33.40	3	1
6.	NB 355 T	* 110	68	2.0	350	1770	33.40	3	1
13. 0	SB 355 L	* 110	88	2.0	100	1717	33.40	3	1
16.	SB 355 T	* 110	83	2.0	650	1695	33.40	3	1
29.	EB WatM T	* 110	88	2.0	325	1770	33.40	3	1
31. 0	EB WatM L	* 110	95	2.0	150	1663	33.40	3	1
39.	WB WatM L	* 110	80	2.0	100	1770	33.40	3	1
41.	WB WatM T	* 110	73	2.0	650	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B115PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0	.0
5.	*	.0	.1	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.0	.0
10.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.7	.0	.0
15.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
20.	*	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.1	.0
25.	*	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
30.	*	.0	.0	.0	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.1
35.	*	.0	.0	.0	.2	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.1
40.	*	.0	.0	.0	.2	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.1
45.	*	.0	.0	.0	.2	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
50.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
55.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.3	.1	.2
60.	*	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.2	.2	.2
65.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.6	.2	.2	.2
70.	*	.0	.0	.0	.0	.2	.1	.1	.1	.0	.2	.1	.0	.0	.0	.1	.0	.6	.2	.1	.2
75.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.1	.0	.6	.2	.1	.2
80.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.0	.0	.0	.1	.0	.6	.2	.2	.4
85.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.0	.0	.0	.1	.0	.6	.3	.3	.5
90.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.2	.1	.0	.0	.1	.0	.7	.2	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.4	.2	.1	.0	.0	.1	.1	.7	.1	.3	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.2	.1	.0	.0	.1	.1	.8	.2	.6	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.1	.0	.0	.1	.2	.8	.2	.6	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.1	.0	.2	.2	.7	.2	.6	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.1	.0	.2	.2	.7	.2	.6	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.1	.0	.0	.3	.6	.3	.5	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.1	.0	.1	.3	.5	.3	.3	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.1	.0	.1	.2	.5	.3	.2	.1
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.1	.0	.0	.2	.5	.4	.3	.2
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.3	.4	.3	.2	.2
145.	*	.1	.2	.1	.0	.0	.0	.0	.1	.3	.4	.2	.0	.0	.1	.0	.1	.4	.4	.3	.2
150.	*	.2	.2	.2	.0	.0	.0	.0	.1	.3	.4	.2	.1	.0	.1	.0	.1	.4	.3	.3	.2
155.	*	.2	.2	.3	.1	.0	.0	.0	.2	.4	.5	.2	.1	.2	.2	.0	.0	.2	.2	.3	.2
160.	*	.2	.3	.2	.2	.0	.0	.0	.2	.4	.5	.2	.1	.3	.2	.0	.0	.3	.3	.2	.2
165.	*	.2	.4	.2	.3	.0	.0	.0	.2	.3	.5	.3	.3	.3	.2	.0	.0	.3	.4	.2	.2
170.	*	.3	.3	.4	.3	.0	.0	.0	.2	.3	.6	.3	.3	.3	.2	.0	.0	.3	.3	.2	.2
175.	*	.3	.3	.5	.6	.2	.0	.0	.2	.4	.7	.3	.3	.3	.1	.0	.0	.1	.4	.2	.2
180.	*	.3	.4	.5	.6	.2	.0	.0	.2	.4	.7	.2	.2	.3	.1	.0	.0	.1	.4	.2	.2
185.	*	.3	.5	.5	.6	.2	.0	.0	.2	.5	.7	.2	.2	.3	.1	.0	.0	.0	.4	.2	.2
190.	*	.3	.5	.6	.7	.1	.0	.0	.2	.5	.7	.1	.2	.3	.2	.0	.0	.0	.4	.2	.2
195.	*	.3	.5	.5	.7	.1	.1	.0	.2	.5	.7	.1	.4	.4	.2	.0	.1	.1	.4	.2	.3
200.	*	.3	.5	.5	.7	.3	.1	.0	.2	.4	.6	.1	.5	.4	.1	.0	.1	.1	.4	.2	.3
205.	*	.3	.5	.6	.7	.3	.1	.0	.2	.4	.5	.1	.5	.4	.1	.0	.1	.1	.4	.2	.3

1

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.5	.7	.6	.3	.1	.0	.2	.3	.3	.3	.4	.4	.1	.0	.1	.1	.4	.2	.3
215.	*	.3	.5	.7	.4	.2	.1	.0	.2	.3	.3	.3	.4	.5	.1	.0	.0	.1	.2	.3	.3
220.	*	.2	.5	.7	.4	.2	.2	.0	.3	.4	.2	.3	.4	.4	.1	.0	.0	.1	.2	.3	.3
225.	*	.2	.5	.7	.4	.3	.2	.0	.3	.2	.2	.3	.4	.4	.1	.0	.0	.1	.2	.3	.3
230.	*	.3	.5	.7	.3	.2	.1	.0	.2	.2	.1	.2	.5	.3	.1	.0	.0	.1	.2	.3	.3
235.	*	.3	.5	.8	.3	.1	.2	.0	.2	.1	.1	.2	.6	.2	.0	.0	.0	.0	.2	.2	.2
240.	*	.3	.5	.8	.3	.2	.2	.0	.3	.1	.1	.3	.4	.2	.0	.0	.0	.0	.2	.2	.2
245.	*	.2	.5	.8	.4	.3	.2	.1	.3	.1	.2	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.8	.5	.2	.2	.1	.3	.1	.1	.2	.3	.1	.0	.0	.0	.0	.1	.1	.1
255.	*	.2	.5	1.0	.6	.3	.3	.2	.1	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	1.0	.5	.2	.3	.2	.1	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.3	.4	1.0	.3	.1	.4	.2	.0	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.4	.9	.3	.2	.5	.1	.0	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.4	1.0	.3	.2	.4	.1	.0	.0	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.5	1.0	.3	.3	.4	.1	.0	.0	.1	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0
285.	*	.3	.5	.8	.4	.4	.4	.1	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0

S8B115PM.OUT																					
290.	*	.2	.5	.8	.3	.4	.3	.1	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	
295.	*	.2	.5	.8	.3	.4	.3	.1	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	
300.	*	.3	.6	.7	.3	.4	.3	.1	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	
305.	*	.4	.6	.6	.4	.5	.3	.1	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	
310.	*	.4	.7	.4	.4	.4	.3	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	
315.	*	.4	.5	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
320.	*	.3	.4	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	
325.	*	.2	.3	.3	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	
330.	*	.2	.2	.1	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	
335.	*	.2	.1	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	
340.	*	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.0	
345.	*	.0	.0	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.5	.0	
350.	*	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0	
355.	*	.0	.1	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0	
360.	*	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0	
MAX		.4	.7	1.0	.7	.5	.5	.3	.3	.5	.7	.4	.6	.5	.2	.2	.3	.8	.7	.6	.5
DEGR.		305	310	255	190	305	270	35	220	185	175	120	235	215	155	110	120	100	10	100	85

1

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.9	.4	.1	.2	.4
5.	.0	.2	.2	.9	.4	.1	.2	.2
10.	.0	.2	.3	.9	.3	.2	.3	.2
15.	.0	.2	.3	.9	.2	.2	.2	.2
20.	.0	.2	.2	1.1	.2	.3	.2	.2
25.	.0	.2	.4	1.1	.2	.4	.3	.2
30.	.0	.2	.6	1.1	.3	.3	.2	.1
35.	.0	.2	.5	1.2	.3	.3	.3	.2
40.	.0	.1	.6	1.1	.3	.3	.3	.2
45.	.0	.1	.5	1.0	.3	.3	.3	.2
50.	.1	.1	.5	1.0	.3	.3	.3	.2
55.	.1	.0	.5	1.0	.2	.2	.3	.2
60.	.1	.0	.5	.8	.3	.2	.3	.2
65.	.2	.0	.3	.6	.4	.2	.3	.2
70.	.2	.0	.2	.6	.4	.2	.3	.2
75.	.2	.0	.2	.5	.4	.3	.3	.2
80.	.2	.0	.2	.4	.4	.3	.3	.2
85.	.2	.0	.2	.4	.4	.3	.3	.2
90.	.2	.0	.2	.4	.4	.3	.3	.2
95.	.3	.0	.2	.4	.4	.3	.3	.2
100.	.3	.0	.2	.3	.4	.3	.3	.2
105.	.3	.0	.1	.3	.4	.3	.3	.2
110.	.3	.0	.1	.3	.3	.3	.2	.2
115.	.3	.0	.1	.3	.4	.3	.2	.2
120.	.3	.0	.1	.3	.5	.3	.3	.2
125.	.2	.0	.1	.1	.5	.3	.2	.2
130.	.2	.0	.1	.1	.4	.4	.3	.2
135.	.2	.0	.1	.1	.4	.2	.3	.2
140.	.3	.0	.1	.1	.4	.2	.3	.1
145.	.3	.0	.1	.1	.2	.1	.1	.1
150.	.3	.0	.1	.1	.1	.1	.1	.0
155.	.3	.0	.1	.1	.1	.0	.0	.0
160.	.2	.0	.1	.1	.1	.0	.0	.0
165.	.2	.0	.1	.1	.0	.0	.0	.0
170.	.2	.0	.1	.1	.0	.0	.0	.0
175.	.3	.0	.1	.1	.0	.0	.0	.0
180.	.3	.0	.1	.1	.0	.0	.0	.0
185.	.3	.0	.1	.1	.0	.0	.0	.0
190.	.3	.0	.1	.1	.0	.0	.0	.0
195.	.3	.0	.1	.1	.0	.0	.0	.0
200.	.3	.0	.1	.1	.0	.0	.0	.0
205.	.3	.0	.1	.1	.1	.0	.0	.0

1

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.1	.1	.1	.0	.0	.0
215.	.3	.0	.1	.1	.1	.0	.0	.0
220.	.3	.0	.1	.2	.1	.0	.0	.0
225.	.2	.0	.2	.2	.1	.0	.0	.0
230.	.2	.0	.2	.2	.2	.0	.0	.0
235.	.2	.0	.2	.5	.3	.0	.0	.0
240.	.1	.1	.2	.6	.4	.0	.0	.0
245.	.1	.1	.3	.6	.5	.0	.0	.0
250.	.0	.1	.3	.7	.6	.0	.0	.0
255.	.0	.2	.3	.7	.5	.0	.0	.0
260.	.0	.2	.3	.6	.6	.0	.0	.0
265.	.0	.2	.3	.6	.6	.1	.0	.0
270.	.0	.2	.3	.6	.7	.1	.0	.0
275.	.0	.2	.2	.5	.7	.1	.0	.0
280.	.0	.2	.2	.5	.6	.1	.0	.0
285.	.0	.2	.2	.6	.7	.1	.0	.0
290.	.0	.2	.2	.6	.7	.1	.0	.0

S8B115PM.OUT

```

295. * .0 .2 .2 .6 .7 .1 .0 .0
300. * .0 .2 .2 .6 .7 .1 .0 .0
305. * .0 .2 .2 .6 .7 .1 .0 .0
310. * .0 .2 .2 .6 .5 .1 .1 .0
315. * .0 .2 .2 .6 .5 .2 .1 .0
320. * .0 .2 .2 .6 .5 .2 .1 .0
325. * .0 .2 .2 .6 .4 .2 .1 .0
330. * .0 .2 .2 .6 .4 .2 .1 .1
335. * .0 .2 .2 .6 .4 .3 .1 .2
340. * .0 .2 .2 .5 .3 .2 .2 .2
345. * .0 .2 .2 .6 .5 .2 .2 .3
350. * .0 .2 .2 .6 .4 .2 .1 .4
355. * .0 .2 .2 .7 .4 .2 .2 .4
360. * .0 .2 .2 .9 .4 .1 .2 .4
-----
MAX * .3 .2 .6 1.2 .7 .4 .3 .4
DEGR * 95 0 30 35 270 25 10 0

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 35 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 255 DEGREES FROM REC3.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 100 DEGREES FROM REC17.

1

PAGE 8

JOB: S8 B115PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:14:37.59

RUN: S8 B115PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 305	REC2 310	REC3 255	REC4 190	REC5 305	REC6 270	REC7 35	REC8 220	REC9 185	REC10 175	REC11 120	REC12 235	REC13 215	REC14 155	REC15 110	REC16 120	REC17 100	REC18 10	REC19 100	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.0	.3	.5	.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.2	.2	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC1 305	REC2 310	REC3 255	REC4 190	REC5 305	REC6 270	REC7 35	REC8 220	REC9 185	REC10 175
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1

1

PAGE 10

JOB: S8 B115PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:14:37.59

RUN: S8 B115PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 95	REC22 0	REC23 30	REC24 35	REC25 270	REC26 25	REC27 10	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .1 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .1 .1 .1 .0 .0 .0
28 * .0 .0 .1 .1 .0 .0 .0 .0
29 * .0 .0 .1 .7 .4 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .1 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .1 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B115PM MD355&WAT MILL

RUN: S8 B115PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 95 0 30 35 270 25 10 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .1 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .1 .0 .0 .0

```

S8 B215AM MD355&WAT MILL			60.0175.0.0000.000280.30480000			S8B215AM.DAT		
						11 1		
REC 1	SE CORNER	250457.	543297.	5.				
REC 2	164' SE CORNER	250331.	543511.	5.				
REC 3	82' SE CORNER	250292.	543593.	5.				
REC 4	SE CORNER	250272.	543669.	5.				
REC 5	82' ES CORNER	250329.	543714.	5.				
REC 6	164' ES CORNER	250401.	543758.	5.				
REC 7	400' ES CORNER	250616.	543837.	5.				
REC 8	400' EN CORNER	250597.	543919.	5.				
REC 9	164' EN CORNER	250364.	543847.	5.				
REC 10	82' EN CORNER	250295.	543807.	5.				
REC 11	NE CORNER	250220.	543778.	5.				
REC 12	82' NE CORNER	250178.	543827.	5.				
REC 13	164' NE CORNE	250132.	543894.	5.				
REC 14	NE CORNER	249984.	544064.	5.				
REC 15	400 NW CORNER	249775.	544043.	5.				
REC 16	164' NW CORNE	249973.	543875.	5.				
REC 17	82' NW CORNER	250035.	543804.	5.				
REC 18	NW CORNER	250097.	543708.	5.				
REC 19	82' WN CORNER	249972.	543647.	5.				
REC 20	164' WN CORNE	249904.	543605.	5.				
REC 21	400' WN CORNE	249700.	543483.	5.				
REC 22	400' WS CORNE	249797.	543347.	5.				
REC 23	164' WS CORNE	249977.	543495.	5.				
REC 24	82' WS CORNER	250051.	543546.	5.				
REC 25	SW CORNER	250146.	543588.	5.				
REC 26	82' SW CORNER	250185.	543483.	5.				
REC 27	164' SW CORNE	250222.	543405.	5.				
REC 28	400' SW CORNE	250344.	543195.	5.				
S8 B215AM MD355 & WAT MILL 49 1 1								
1								
1	NB 355 R	AG250263.543704.250248.543659.	50 3.3	0. 32.	35.			
0	NB 355 R	AG250248.543659.250293.543561.	50 3.3	0. 32.	35.			
1	NB 355 L	AG250204.543666.250269.543521.	400 3.3	0. 44.	35.			
2	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2				
100	73	2.0 400 33.4 1717 3 1						
1	NB 355 T	AG250226.543672.250289.543527.	725 3.3	0. 44.	35.			
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2				
100	68	2.0 725 33.4 1770 3 1						
1	NB 355 ALLAG	AG250286.543521.250402.543298.	1175 3.3	0. 56.	35.			
0	NB 355 ALLAG	AG250402.543298.250743.542840.	1175 3.3	0. 56.	35.			
1	NB 355 dp	AG250223.543681.250059.543939.	1000 3.3	0. 56.	40.			
4	NB 355 dp	AG250059.543939.249911.544075.	1000 3.3	0. 56.	40.			
5	NB 355 dp	AG249911.544075.249446.544336.	1000 3.3	0. 56.	40.			
1	NB 355 dp	AG249911.544075.249446.544336.	1000 3.3	0. 56.	40.			
6	NB 355 dp	AG249911.544075.249446.544336.	1000 3.3	0. 56.	40.			
1	SB 355 L	AG250171.543705.250085.543850.	100 3.3	0. 44.	35.			
2	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2				
0	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2				
100	80	2.0 100 33.4 1717 3 1						
1	SB 355 L	AG250086.543850.250036.543912.	100 3.3	0. 44.	35.			
0	SB 355 L	AG250086.543850.250036.543912.	100 3.3	0. 44.	35.			
1	SB 355 T	AG250148.543694.250065.543836.	600 3.3	0. 56.	35.			
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3				
100	78	2.0 600 33.4 1695 3 1						
1	SB 355 T	AG250065.543836.250020.543901.	600 3.3	0. 56.	35.			
0	SB 355 T	AG250065.543836.250020.543901.	600 3.3	0. 56.	35.			
1	SB 355 R	AG250108.543676.250116.543718.	175 3.3	0. 32.	35.			
0	SB 355 R	AG250108.543676.250116.543718.	175 3.3	0. 32.	35.			
1	SB 355 R	AG250116.543718.250064.543807.	175 3.3	0. 32.	35.			
0	SB 355 R	AG250116.543718.250064.543807.	175 3.3	0. 32.	35.			
1	SB 355 R	AG250064.543807.250001.543885.	175 3.3	0. 32.	35.			
0	SB 355 R	AG250064.543807.250001.543885.	175 3.3	0. 32.	35.			
1	SB 355 ALLAG	AG250016.543901.249875.544028.	875 3.3	0. 68.	35.			
0	SB 355 ALLAG	AG250016.543901.249875.544028.	875 3.3	0. 68.	35.			
1	SB 355 ALLAG	AG249875.544028.249749.544101.	875 3.3	0. 68.	35.			
0	SB 355 ALLAG	AG249875.544028.249749.544101.	875 3.3	0. 68.	35.			
1	SB 355 Dp	AG250680.542801.250525.543011.	1700 3.3	0. 56.	35.			
0	SB 355 Dp	AG250680.542801.250525.543011.	1700 3.3	0. 56.	35.			
1	SB 355 Dp	AG250525.543011.250334.543301.	1700 3.3	0. 56.	35.			
0	SB 355 Dp	AG250525.543011.250334.543301.	1700 3.3	0. 56.	35.			
1	SB 355 Dp	AG250334.543301.250141.543692.	1700 3.3	0. 56.	35.			
0	SB 355 Dp	AG250334.543301.250141.543692.	1700 3.3	0. 56.	35.			
1	EB WatM R	AG250177.543611.249923.543464.	750 3.1	0. 32.	35.			
0	EB WatM R	AG250177.543611.249923.543464.	750 3.1	0. 32.	35.			
1	EB WatM T	AG250203.543653.249917.543479.	450 3.1	0. 44.	35.			
2	EB WatM T	AG250203.543653.249917.543479.	450 3.1	0. 44.	35.			
100	75	2.0 450 33.4 1770 3 1						
1	EB WatM L	AG250189.543681.249921.543519.	175 3.1	0. 56.	35.			
2	EB WatM L	AG250189.543681.249921.543519.	175 3.1	0. 56.	35.			
0	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3				
100	85	2.0 175 33.4 1663 3 1						
1	EB WatM ALLAG	AG249913.543489.249354.543146.	1375 3.1	0. 92.	35.			
1	EB WATMdp	AG250193.543672.250354.543752.	600 3.1	0. 68.	35.			
0	EB WATMdp	AG250193.543672.250354.543752.	600 3.1	0. 68.	35.			
1	EB WATMdp	AG250354.543752.250503.543838.	600 3.1	0. 68.	35.			
0	EB WATMdp	AG250354.543752.250503.543838.	600 3.1	0. 68.	35.			
1	EB WATMdp	AG250503.543838.250636.543867.	600 3.1	0. 68.	35.			
0	EB WATMdp	AG250503.543838.250636.543867.	600 3.1	0. 68.	35.			

S8B215AM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	600	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	600	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	350	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
100			68 2.0 350 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	525	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
100			58 2.0 525 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	100	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	975	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	975	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	975	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	975	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	975	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1100	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	1100	3.1	0.	56.	35.

JOB: S8 B215AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:19:41.39

RUN: S8 B215AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	50.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	50.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	400.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250267.1	543527.3	*	104.	156. AG	131.	100.0	.0	24.0	.51 5.3
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	725.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250313.4	543473.3	*	170.	156. AG	122.	100.0	.0	24.0	.73 8.7
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1175.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1175.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1000.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1000.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1000.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250127.7	543777.6	*	28.	329. AG	143.	100.0	.0	24.0	.18 1.4
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	600.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250065.0	543834.5	*	108.	329. AG	210.	100.0	.0	36.0	.66 5.5
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	600.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	175.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	175.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	175.	3.3	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	875.	3.3	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	875.	3.3	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	875.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1700.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1700.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1700.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	750.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	450.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250024.5	543544.8	*	111.	238. AG	134.	100.0	.0	24.0	.61 5.7
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	175.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250074.4	543611.5	*	36.	239. AG	228.	100.0	.0	36.0	.32 1.8
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1375.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	600.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	600.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	600.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	600.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	600.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	350.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250400.1	543812.4	*	162.	59. AG	61.	100.0	.0	12.0	.71 8.2
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	525.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250333.9	543789.0	*	95.	60. AG	104.	100.0	.0	24.0	.39 4.8
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	100.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	975.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	975.	3.1	.0	56.0	

JOB: S8 B215AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:19:41.39

RUN: S8 B215AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	975.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	975.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	975.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1100.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1100.	3.1	.0	56.0	

JOB: S8 B215AM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:19:41.39

RUN: S8 B215AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 100	73	2.0	400	1717	33.40	3	1
6.	NB 355 T	* 100	68	2.0	725	1770	33.40	3	1
13. 0	SB 355 L	* 100	80	2.0	100	1717	33.40	3	1
16.	SB 355 T	* 100	78	2.0	600	1695	33.40	3	1
29.	EB WatM T	* 100	75	2.0	450	1770	33.40	3	1
31. 0	EB WatM L	* 100	85	2.0	175	1663	33.40	3	1
39.	WB WatM L	* 100	68	2.0	350	1770	33.40	3	1
41.	WB WatM T	* 100	58	2.0	525	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

7. REC 7 400' ES CORNER * 250616.0 543837.0 5.0 *
 8. REC 8 400' EN CORNER * 250597.0 543919.0 5.0 *
 9. REC 9 164' EN CORNER * 250364.0 543847.0 5.0 *
 10. REC 10 82' EN CORNER * 250295.0 543807.0 5.0 *
 11. REC 11 NE CORNER * 250220.0 543778.0 5.0 *
 12. REC 12 82' NE CORNER * 250178.0 543827.0 5.0 *
 13. REC 13 164' NE CORNE * 250132.0 543894.0 5.0 *
 14. REC 14 NE CORNER * 249984.0 544064.0 5.0 *
 15. REC 15 400 NW CORNER * 249775.0 544043.0 5.0 *
 16. REC 16 164' NW CORNE * 249973.0 543875.0 5.0 *
 17. REC 17 82' NW CORNER * 250035.0 543804.0 5.0 *
 18. REC 18 NW CORNER * 250097.0 543708.0 5.0 *
 19. REC 19 82' WN CORNER * 249972.0 543647.0 5.0 *
 20. REC 20 164' WN CORNE * 249904.0 543605.0 5.0 *
 21. REC 21 400' WN CORNE * 249700.0 543483.0 5.0 *
 22. REC 22 400' WS CORNE * 249797.0 543347.0 5.0 *
 23. REC 23 164' WS CORNE * 249977.0 543495.0 5.0 *
 24. REC 24 82' WS CORNER * 250051.0 543546.0 5.0 *
 25. REC 25 SW CORNER * 250146.0 543588.0 5.0 *
 26. REC 26 82' SW CORNER * 250185.0 543483.0 5.0 *
 27. REC 27 164' SW CORNE * 250222.0 543405.0 5.0 *
 28. REC 28 400' SW CORNE * 250344.0 543195.0 5.0 *

S8B215AM.OUT

1

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0	.0
5.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.7	.0	.0
10.	*	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.7	.0	.0
15.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.8	.0	.0
20.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.7	.1	.0
25.	*	.0	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.7	.1	.0
30.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.6	.1	.1
35.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.6	.1	.1
40.	*	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.5	.1	.1
45.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.5	.1	.1
50.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.4	.1	.1
55.	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.4	.1	.1
60.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.2	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.5	.2	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.6	.3	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.6	.3	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.1	.0	.6	.3	.1	.2
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.1	.0	.7	.0	.2	.3
90.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.0	.0	.0	.1	.0	.7	.0	.3	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.0	.0	.0	.1	.0	.7	.0	.3	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.1	.0	.0	.1	.2	.7	.2	.5	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.1	.0	.0	.1	.2	.8	.2	.6	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.1	.3	.8	.2	.5	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.1	.2	.7	.3	.4	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.0	.2	.6	.4	.4	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.0	.2	.5	.4	.3	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	.1	.2	.6	.5	.2	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.0	.0	.0	.2	.4	.5	.2	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.1	.0	.2	.4	.5	.2	.1
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.0	.1	.2	.0	.2	.2	.5	.2	.1
150.	*	.1	.1	.2	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.2	.0	.2	.2	.3	.2	.1
155.	*	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.1	.2	.2	.2	.0	.0	.2	.2	.2	.1
160.	*	.1	.2	.2	.1	.0	.0	.0	.1	.2	.3	.2	.4	.2	.2	.0	.0	.2	.3	.1	.1
165.	*	.2	.2	.3	.3	.0	.0	.0	.1	.2	.3	.3	.4	.2	.2	.0	.0	.2	.4	.1	.1
170.	*	.2	.2	.4	.4	.0	.0	.0	.1	.2	.3	.3	.4	.3	.2	.0	.0	.2	.3	.1	.1
175.	*	.2	.2	.6	.5	.0	.0	.0	.1	.2	.4	.4	.2	.3	.1	.0	.0	.1	.4	.1	.1
180.	*	.2	.2	.6	.6	.1	.0	.0	.1	.2	.4	.4	.2	.2	.1	.0	.0	.1	.4	.1	.1
185.	*	.2	.3	.6	.6	.1	.0	.0	.1	.2	.6	.3	.2	.3	.1	.0	.0	.0	.4	.1	.1
190.	*	.2	.3	.6	.7	.2	.0	.0	.1	.3	.6	.2	.2	.3	.1	.0	.0	.0	.4	.1	.2
195.	*	.2	.3	.6	.6	.3	.0	.0	.1	.4	.7	.2	.1	.4	.1	.0	.0	.0	.4	.1	.2
200.	*	.2	.3	.6	.6	.3	.1	.0	.1	.4	.7	.2	.4	.4	.1	.0	.0	.0	.3	.1	.2
205.	*	.2	.4	.7	.6	.3	.1	.0	.1	.4	.4	.2	.4	.4	.1	.0	.0	.0	.3	.1	.2

1

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.4	.7	.6	.3	.1	.0	.1	.2	.4	.3	.3	.4	.1	.0	.0	.0	.3	.2	.2
215.	*	.2	.4	.7	.5	.3	.2	.0	.2	.2	.3	.4	.4	.3	.1	.0	.0	.0	.1	.2	.2
220.	*	.2	.4	.7	.4	.3	.2	.0	.2	.3	.1	.3	.4	.3	.1	.0	.0	.0	.2	.3	.3
225.	*	.2	.5	.7	.4	.3	.2	.0	.2	.1	.1	.3	.4	.3	.1	.0	.0	.0	.2	.3	.3
230.	*	.2	.5	.7	.3	.2	.0	.0	.2	.1	.1	.1	.4	.2	.1	.0	.0	.0	.2	.2	.2
235.	*	.2	.5	.7	.4	.2	.0	.0	.2	.1	.0	.1	.5	.2	.1	.0	.0	.0	.2	.1	.1
240.	*	.2	.5	.7	.3	.3	.0	.0	.2	.1	.0	.2	.4	.2	.1	.0	.0	.0	.1	.1	.1
245.	*	.2	.5	.7	.3	.3	.0	.0	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.7	.4	.1	.1	.0	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.5	.8	.4	.1	.2	.1	.2	.1	.1	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	.8	.2	.1	.3	.1	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.5	.8	.1	.1	.4	.1	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.2	.5	.8	.1	.2	.4	.1	.1	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.6	.9	.1	.2	.4	.1	.0	.0	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0
280.	*	.2	.7	.8	.0	.3	.4	.1	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.7	.7	.3	.5	.4	.1	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0

S8B215AM.OUT

290.	*	.2	.8	.7	.3	.5	.3	.1	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0
295.	*	.2	.7	.6	.3	.5	.3	.2	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0
300.	*	.2	.6	.7	.3	.4	.3	.2	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0
305.	*	.2	.7	.6	.3	.3	.2	.1	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0
310.	*	.2	.7	.4	.3	.4	.2	.1	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0
315.	*	.3	.8	.4	.3	.4	.2	.1	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0
320.	*	.3	.6	.4	.3	.4	.3	.1	.0	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0
325.	*	.2	.5	.4	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0
330.	*	.2	.4	.1	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0
335.	*	.0	.1	.0	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0
340.	*	.0	.1	.0	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.0
345.	*	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.5	.0
350.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0
355.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0
360.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.6	.0
MAX		.3	.8	.9	.7	.5	.4	.2	.3	.4	.7	.4	.5	.4	.2	.3	.3	.8	.8	.6
DEGR.		315	290	275	190	285	265	0	100	195	195	175	235	195	145	325	110	105	15	105
																				85

1

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.3	.7	.3	.1	.4	.3
5.	.0	.1	.2	.8	.3	.1	.4	.2
10.	.0	.1	.3	1.0	.3	.2	.4	.2
15.	.0	.1	.3	1.1	.4	.2	.3	.2
20.	.0	.1	.3	1.1	.4	.3	.3	.1
25.	.0	.1	.4	1.1	.4	.3	.3	.1
30.	.0	.1	.5	1.1	.4	.3	.2	.1
35.	.0	.1	.4	1.1	.3	.3	.2	.1
40.	.0	.1	.5	1.0	.2	.3	.2	.1
45.	.0	.1	.5	1.1	.2	.3	.2	.1
50.	.0	.1	.6	1.0	.2	.3	.3	.2
55.	.1	.0	.5	.9	.2	.3	.3	.2
60.	.1	.0	.5	.7	.4	.3	.2	.2
65.	.1	.0	.4	.7	.5	.3	.2	.2
70.	.1	.0	.3	.8	.4	.2	.2	.2
75.	.1	.0	.2	.6	.4	.2	.2	.2
80.	.1	.0	.2	.5	.4	.2	.2	.2
85.	.1	.0	.2	.5	.4	.2	.2	.2
90.	.2	.0	.1	.5	.5	.3	.2	.2
95.	.2	.0	.1	.4	.5	.3	.2	.2
100.	.2	.0	.1	.3	.5	.2	.2	.3
105.	.2	.0	.1	.2	.5	.2	.2	.3
110.	.2	.0	.1	.2	.4	.2	.1	.3
115.	.2	.0	.1	.2	.4	.3	.1	.3
120.	.2	.0	.1	.2	.4	.3	.1	.3
125.	.2	.0	.1	.2	.4	.2	.2	.3
130.	.2	.0	.1	.1	.3	.1	.3	.1
135.	.2	.0	.1	.1	.2	.1	.2	.1
140.	.2	.0	.1	.1	.2	.2	.2	.1
145.	.2	.0	.1	.1	.2	.2	.1	.1
150.	.2	.0	.1	.1	.1	.1	.1	.0
155.	.2	.0	.1	.1	.1	.0	.0	.0
160.	.2	.0	.1	.1	.1	.0	.0	.0
165.	.2	.0	.1	.1	.0	.0	.0	.0
170.	.2	.0	.1	.1	.0	.0	.0	.0
175.	.2	.0	.1	.1	.0	.0	.0	.0
180.	.2	.0	.1	.1	.0	.0	.0	.0
185.	.2	.0	.1	.1	.0	.0	.0	.0
190.	.2	.0	.1	.1	.0	.0	.0	.0
195.	.2	.0	.1	.1	.1	.0	.0	.0
200.	.2	.0	.1	.1	.1	.0	.0	.0
205.	.2	.0	.1	.1	.1	.0	.0	.0

1

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.1	.1	.1	.0	.0	.0
215.	.2	.0	.1	.2	.1	.0	.0	.0
220.	.2	.0	.1	.2	.1	.0	.0	.0
225.	.2	.0	.2	.3	.1	.0	.0	.0
230.	.1	.0	.2	.5	.2	.0	.0	.0
235.	.1	.1	.2	.6	.3	.0	.0	.0
240.	.1	.1	.2	.6	.5	.0	.0	.0
245.	.1	.1	.2	.6	.6	.0	.0	.0
250.	.0	.1	.3	.7	.7	.0	.0	.0
255.	.0	.1	.4	.7	.7	.0	.0	.0
260.	.0	.1	.4	.7	.7	.0	.0	.0
265.	.0	.1	.4	.7	.7	.0	.0	.0
270.	.0	.1	.4	.7	.8	.0	.0	.0
275.	.0	.1	.4	.6	.6	.0	.0	.0
280.	.0	.1	.3	.7	.7	.0	.0	.0
285.	.0	.1	.3	.7	.7	.0	.0	.0
290.	.0	.1	.3	.7	.5	.1	.0	.0

S8B215AM.OUT

```

295. * .0 .1 .3 .6 .6 .1 .0 .0
300. * .0 .1 .2 .6 .6 .1 .0 .0
305. * .0 .1 .2 .6 .6 .1 .0 .0
310. * .0 .1 .2 .6 .5 .1 .1 .0
315. * .0 .1 .2 .6 .5 .2 .1 .0
320. * .0 .1 .2 .6 .5 .2 .1 .0
325. * .0 .1 .2 .5 .4 .2 .1 .1
330. * .0 .1 .2 .5 .4 .2 .1 .1
335. * .0 .1 .2 .5 .3 .3 .1 .1
340. * .0 .1 .2 .5 .4 .2 .2 .1
345. * .0 .1 .2 .5 .4 .2 .2 .2
350. * .0 .1 .2 .5 .4 .2 .1 .3
355. * .0 .1 .2 .6 .3 .2 .2 .3
360. * .0 .1 .3 .7 .3 .1 .4 .3
-----
MAX * .2 .1 .6 1.1 .8 .3 .4 .3
DEGR. * 90 0 50 15 270 20 0 0

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 15 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 275 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 290 DEGREES FROM REC2 .

1

PAGE 8

JOB: S8 B215AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:19:41.39

RUN: S8 B215AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 315	REC2 290	REC3 275	REC4 190	REC5 285	REC6 265	REC7 0	REC8 100	REC9 195	REC10 195	REC11 175	REC12 235	REC13 195	REC14 145	REC15 325	REC16 110	REC17 105	REC18 15	REC19 105	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.3	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.0	.2	.5	.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC1 315	REC2 290	REC3 275	REC4 190	REC5 285	REC6 265	REC7 0	REC8 100
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 B215AM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:19:41.39

RUN: S8 B215AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 90	REC22 0	REC23 50	REC24 15	REC25 270	REC26 20	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .1 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .2 .1
27 * .0 .0 .2 .0 .1 .0 .0 .0
28 * .0 .0 .1 .1 .1 .0 .0 .0
29 * .0 .0 .2 .6 .4 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .1 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B215AM MD355&WAT MILL

RUN: S8 B215AM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 90 0 50 15 270 20 0 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .1 .0 .0 .0 .1 .0 .0 .0

```

S8B215PM.DAT

S8 B215PM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 B215PM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	475 3.3	0. 32.	35.
0	1	NB 355 R	AG250248.543659.250293.543561.	475 3.3	0. 32. 35.
	2	NB 355 L	AG250204.543666.250269.543521.	925 3.3	0. 44. 35.
	110	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2
			72 2.0 925 33.4 1717 3 1		
1	NB 355 T	AG250226.543672.250289.543527.	375 3.3	0. 44.	35.
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2	
	110		69 2.0 375 33.4 1770 3 1		
1	NB 355 ALL	AG250286.543521.250402.543298.	1775 3.3	0. 56.	35.
0	1	NB 355 ALL	AG250402.543298.250743.542840.	1775 3.3	0. 56. 35.
4	1	NB 355 dp	AG250223.543681.250059.543939.	600 3.3	0. 56. 40.
5	1	NB 355 dp	AG250059.543939.249911.544075.	600 3.3	0. 56. 40.
6	1	NB 355 dp	AG249911.544075.249446.544336.	600 3.3	0. 56. 40.
	2	SB 355 L	AG250171.543705.250085.543850.	100 3.3	0. 44. 35.
0	110	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2
			88 2.0 100 33.4 1717 3 1		
0	1	SB 355 L	AG250086.543850.250036.543912.	100 3.3	0. 44. 35.
1	SB 355 T	AG250148.543694.250065.543836.	650 3.3	0. 56.	35.
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3	
	110		84 2.0 650 33.4 1695 3 1		
1	SB 355 T	AG250065.543836.250020.543901.	650 3.3	0. 56.	35.
0	1	SB 355 R	AG250108.543676.250116.543718.	225 3.3	0. 32. 35.
0	1	SB 355 R	AG250116.543718.250064.543807.	225 3.3	0. 32. 35.
0	1	SB 355 R	AG250064.543807.250001.543885.	225 3.3	0. 32. 35.
0	1	SB 355 ALL	AG250016.543901.249875.544028.	975 3.3	0. 68. 35.
0	1	SB 355 ALL	AG249875.544028.249749.544101.	975 3.3	0. 68. 35.
0	1	SB 355 ALL	AG249749.544101.249402.544275.	975 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1450 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1450 3.3	0. 56. 35.
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1450 3.3	0. 56. 35.
0	1	EB WatM R	AG250177.543611.249923.543464.	700 3.1	0. 32. 35.
	2	EB WatM T	AG250203.543653.249917.543479.	325 3.1	0. 44. 35.
	110	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2
			88 2.0 325 33.4 1770 3 1		
1	EB WatM L	AG250189.543681.249921.543519.	150 3.1	0. 56.	35.
0	2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3
	110		95 2.0 150 33.4 1663 3 1		
1	EB WatM ALL	AG249913.543489.249354.543146.	1175 3.1	0. 92.	35.
1	EB WATMdp	AG250193.543672.250354.543752.	900 3.1	0. 68.	35.
1	EB WATMdp	AG250354.543752.250503.543838.	900 3.1	0. 68.	35.
1	EB WATMdp	AG250503.543838.250636.543867.	900 3.1	0. 68.	35.

S8B215PM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	900	3.1	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	900	3.1	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	100	3.1	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110			79 2.0 100 33.4 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	675	3.1	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110			71 2.0 675 33.4 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	75	3.1	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	850	3.1	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	850	3.1	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	850	3.1	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	850	3.1	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	850	3.1	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1825	3.1	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1825	3.1	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B215PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:23:49.71

RUN: S8 B215PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	475.	3.3	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	475.	3.3	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	925.	3.3	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250330.1	543388.8	*	256.	156. AG	117.	100.0	.0	24.0	.87 13.0
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	375.	3.3	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250277.1	543554.7	*	81.	156. AG	112.	100.0	.0	24.0	.31 4.1
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1775.	3.3	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1775.	3.3	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	600.	3.3	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	600.	3.3	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	600.	3.3	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	3.3	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250126.3	543779.9	*	30.	329. AG	143.	100.0	.0	24.0	.18 1.5
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	3.3	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	650.	3.3	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250057.6	543846.9	*	122.	329. AG	205.	100.0	.0	36.0	.64 6.2
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	650.	3.3	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	225.	3.3	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	225.	3.3	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	225.	3.3	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	975.	3.3	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	975.	3.3	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	975.	3.3	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1450.	3.3	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1450.	3.3	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1450.	3.3	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	700.	3.1	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	325.	3.1	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250028.2	543547.2	*	107.	238. AG	143.	100.0	.0	24.0	.56 5.4
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	150.	3.1	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250075.4	543612.1	*	35.	239. AG	232.	100.0	.0	36.0	.30 1.8
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1175.	3.1	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	900.	3.1	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	900.	3.1	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	900.	3.1	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	900.	3.1	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	900.	3.1	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	100.	3.1	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250305.7	543756.5	*	52.	59. AG	64.	100.0	.0	12.0	.23 2.6
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	675.	3.1	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250397.9	543826.4	*	169.	60. AG	116.	100.0	.0	24.0	.60 8.6
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	75.	3.1	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	850.	3.1	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	850.	3.1	.0	56.0	

JOB: S8 B215PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:23:49.71

RUN: S8 B215PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	850.	3.1	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	850.	3.1	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	850.	3.1	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1825.	3.1	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1825.	3.1	.0	56.0	

JOB: S8 B215PM MD355&WAT MILL
DATE: 12/27/2006 TIME: 00:23:49.71

RUN: S8 B215PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	72	2.0	925	1717	33.40	3	1
6.	NB 355 T	* 110	69	2.0	375	1770	33.40	3	1
13. 0	SB 355 L	* 110	88	2.0	100	1717	33.40	3	1
16.	SB 355 T	* 110	84	2.0	650	1695	33.40	3	1
29.	EB WatM T	* 110	88	2.0	325	1770	33.40	3	1
31. 0	EB WatM L	* 110	95	2.0	150	1663	33.40	3	1
39.	WB WatM L	* 110	79	2.0	100	1770	33.40	3	1
41.	WB WatM T	* 110	71	2.0	675	1770	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B215PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0
5.	*	.0	.1	.1	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.0	.0
10.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.7	.0	.0
15.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
20.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
25.	*	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
30.	*	.0	.0	.0	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.1
35.	*	.0	.0	.0	.2	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.1
40.	*	.0	.0	.0	.2	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1
45.	*	.0	.0	.0	.2	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
50.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
55.	*	.0	.0	.0	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.3	.1	.2
60.	*	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.5	.2	.2	.2
65.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.6	.2	.2	.2
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.1	.0	.6	.2	.1	.2
75.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.1	.0	.6	.2	.1	.3
80.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.0	.0	.0	.1	.0	.6	.2	.2	.4
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.1	.0	.7	.3	.3	.5
90.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.2	.1	.0	.0	.1	.1	.7	.2	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.4	.2	.1	.0	.0	.1	.1	.7	.1	.3	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.2	.1	.0	.0	.1	.1	.8	.2	.6	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.1	.0	.1	.2	.8	.2	.6	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.1	.1	.0	.2	.2	.7	.2	.6	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.1	.1	.0	.2	.2	.7	.2	.6	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.1	.1	.0	.1	.3	.6	.4	.5	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.1	.1	.0	.1	.3	.5	.4	.3	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.1	.1	.0	.1	.3	.5	.4	.2	.2
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.4	.4	.2	.1	.1	.0	.1	.2	.5	.4	.3	.2
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.1	.0	.0	.0	.3	.4	.3	.2	.2
145.	*	.1	.2	.1	.0	.0	.0	.0	.1	.4	.4	.2	.0	.0	.1	.0	.1	.4	.4	.3	.2
150.	*	.2	.2	.2	.0	.0	.0	.0	.1	.4	.4	.2	.1	.0	.2	.0	.1	.4	.3	.3	.2
155.	*	.2	.2	.3	.1	.0	.0	.0	.1	.5	.5	.2	.1	.2	.2	.0	.0	.2	.2	.3	.2
160.	*	.2	.3	.2	.2	.0	.0	.0	.2	.5	.5	.3	.1	.3	.2	.0	.0	.3	.4	.2	.2
165.	*	.2	.4	.2	.3	.0	.0	.0	.2	.4	.5	.2	.3	.3	.2	.0	.0	.3	.4	.2	.2
170.	*	.3	.3	.3	.3	.0	.0	.0	.2	.4	.5	.3	.3	.3	.2	.0	.0	.3	.3	.2	.2
175.	*	.3	.3	.5	.5	.2	.0	.0	.2	.4	.7	.3	.3	.3	.1	.0	.0	.1	.4	.2	.2
180.	*	.3	.4	.6	.6	.2	.0	.0	.2	.4	.7	.2	.2	.3	.1	.0	.0	.1	.4	.2	.2
185.	*	.3	.5	.6	.6	.2	.0	.0	.2	.5	.7	.2	.2	.3	.1	.0	.0	.0	.4	.2	.2
190.	*	.3	.5	.6	.7	.1	.0	.0	.2	.5	.7	.1	.2	.3	.2	.0	.0	.0	.5	.2	.2
195.	*	.3	.5	.5	.7	.2	.1	.0	.2	.5	.7	.1	.4	.4	.2	.0	.1	.1	.4	.2	.3
200.	*	.3	.5	.6	.7	.3	.1	.0	.2	.5	.6	.1	.5	.4	.2	.0	.1	.1	.4	.2	.3
205.	*	.3	.5	.7	.6	.3	.1	.0	.2	.4	.5	.1	.5	.4	.2	.0	.1	.1	.4	.2	.3

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.5	.7	.5	.3	.1	.0	.2	.3	.3	.3	.4	.4	.2	.0	.1	.1	.4	.2	.3
215.	*	.3	.5	.7	.4	.2	.1	.0	.2	.3	.3	.3	.5	.5	.2	.0	.0	.1	.3	.3	.3
220.	*	.2	.5	.7	.4	.2	.2	.0	.3	.4	.2	.3	.5	.5	.2	.0	.0	.1	.2	.4	.4
225.	*	.2	.5	.8	.4	.3	.2	.0	.3	.3	.2	.3	.5	.4	.2	.0	.0	.1	.2	.4	.4
230.	*	.3	.5	.8	.3	.2	.1	.0	.2	.2	.1	.2	.5	.3	.1	.0	.0	.1	.2	.3	.3
235.	*	.3	.5	.8	.3	.1	.2	.0	.3	.1	.1	.2	.6	.3	.1	.0	.0	.0	.2	.2	.2
240.	*	.3	.5	.8	.3	.2	.2	.0	.3	.1	.1	.3	.4	.2	.1	.0	.0	.0	.2	.2	.2
245.	*	.2	.5	.8	.4	.3	.2	.1	.3	.1	.2	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.8	.5	.2	.2	.1	.3	.1	.1	.2	.4	.2	.1	.0	.0	.0	.1	.1	.1
255.	*	.2	.5	1.0	.5	.3	.3	.2	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	1.0	.5	.2	.3	.2	.2	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.3	.4	1.0	.3	.1	.4	.2	.1	.1	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.4	.9	.3	.2	.5	.2	.0	.1	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.4	1.0	.2	.2	.4	.1	.0	.1	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.5	1.0	.3	.3	.4	.1	.0	.0	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
285.	*	.3	.5	.9	.4	.4	.4	.1	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0

S8B215PM.OUT

290.	*	.2	.5	.8	.3	.4	.3	.1	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0
295.	*	.2	.6	.8	.3	.4	.3	.1	.0	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0
300.	*	.3	.6	.7	.4	.4	.3	.1	.0	.0	.0	.2	.1	.0	.1	.1	.0	.0	.0	.0
305.	*	.4	.6	.6	.4	.5	.3	.1	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0
310.	*	.4	.7	.4	.4	.4	.3	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
315.	*	.4	.5	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
320.	*	.3	.4	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0
325.	*	.2	.3	.3	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0
330.	*	.2	.2	.2	.1	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0
335.	*	.2	.1	.1	.1	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0
340.	*	.0	.1	.1	.2	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.0
345.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.5	.0
350.	*	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0
355.	*	.0	.1	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.6	.0
360.	*	.0	.1	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0
MAX		.4	.7	1.0	.7	.5	.5	.3	.3	.5	.7	.4	.6	.5	.2	.2	.3	.8	.7	.6
DEGR.		305	310	255	190	305	270	35	220	155	175	110	235	215	150	110	120	100	10	100
																				85

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.2	.9	.4	.1	.2	.4
5.	*	.0	.2	.2	.9	.4	.1	.3	.2
10.	*	.0	.2	.3	.9	.3	.2	.3	.2
15.	*	.0	.2	.3	.9	.2	.2	.3	.2
20.	*	.0	.2	.2	1.1	.2	.4	.2	.2
25.	*	.0	.2	.4	1.1	.2	.4	.3	.2
30.	*	.0	.2	.6	1.1	.3	.3	.2	.1
35.	*	.0	.2	.5	1.2	.3	.3	.3	.2
40.	*	.0	.1	.6	1.1	.3	.3	.3	.2
45.	*	.0	.1	.5	1.0	.3	.3	.3	.2
50.	*	.1	.1	.5	1.0	.3	.3	.3	.2
55.	*	.1	.0	.5	1.0	.2	.2	.3	.2
60.	*	.1	.0	.5	.8	.3	.2	.3	.2
65.	*	.2	.0	.3	.6	.4	.2	.3	.2
70.	*	.2	.0	.2	.6	.4	.2	.3	.2
75.	*	.2	.0	.2	.5	.4	.3	.3	.2
80.	*	.2	.0	.2	.4	.4	.3	.3	.2
85.	*	.2	.0	.2	.4	.4	.3	.3	.2
90.	*	.2	.0	.2	.4	.4	.3	.3	.2
95.	*	.3	.0	.2	.4	.4	.3	.3	.2
100.	*	.3	.0	.2	.3	.4	.3	.3	.2
105.	*	.3	.0	.1	.3	.4	.3	.3	.2
110.	*	.3	.0	.1	.3	.3	.3	.2	.2
115.	*	.3	.0	.1	.3	.4	.3	.2	.2
120.	*	.3	.0	.1	.3	.5	.3	.3	.2
125.	*	.3	.0	.1	.1	.5	.3	.2	.2
130.	*	.3	.0	.1	.1	.4	.4	.3	.2
135.	*	.3	.0	.1	.1	.4	.2	.3	.2
140.	*	.3	.0	.1	.1	.4	.2	.3	.1
145.	*	.3	.0	.1	.1	.2	.1	.1	.1
150.	*	.3	.0	.1	.1	.1	.1	.1	.0
155.	*	.3	.0	.1	.1	.1	.0	.0	.0
160.	*	.3	.0	.1	.1	.1	.0	.0	.0
165.	*	.3	.0	.1	.1	.0	.0	.0	.0
170.	*	.3	.0	.1	.1	.0	.0	.0	.0
175.	*	.3	.0	.1	.1	.0	.0	.0	.0
180.	*	.3	.0	.1	.1	.0	.0	.0	.0
185.	*	.3	.0	.1	.1	.0	.0	.0	.0
190.	*	.3	.0	.1	.1	.0	.0	.0	.0
195.	*	.3	.0	.1	.1	.0	.0	.0	.0
200.	*	.3	.0	.1	.1	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.1	.1	.1	.0	.0	.0
215.	*	.3	.0	.1	.1	.1	.0	.0	.0
220.	*	.3	.0	.1	.2	.1	.0	.0	.0
225.	*	.2	.0	.2	.2	.1	.0	.0	.0
230.	*	.2	.0	.2	.2	.2	.0	.0	.0
235.	*	.2	.0	.2	.5	.3	.0	.0	.0
240.	*	.1	.1	.2	.6	.4	.0	.0	.0
245.	*	.1	.1	.3	.6	.5	.0	.0	.0
250.	*	.1	.1	.3	.7	.6	.0	.0	.0
255.	*	.0	.2	.3	.7	.5	.0	.0	.0
260.	*	.0	.2	.3	.6	.6	.1	.0	.0
265.	*	.0	.2	.3	.6	.6	.1	.0	.0
270.	*	.0	.2	.3	.6	.7	.1	.0	.0
275.	*	.0	.2	.2	.5	.7	.1	.0	.0
280.	*	.0	.2	.2	.5	.6	.1	.0	.0
285.	*	.0	.2	.2	.6	.7	.1	.0	.0
290.	*	.0	.2	.2	.6	.7	.2	.0	.0

S8B215PM.OUT

```

295. * .0 .2 .2 .6 .7 .1 .0 .0
300. * .0 .2 .2 .6 .7 .1 .0 .0
305. * .0 .2 .2 .6 .7 .1 .0 .0
310. * .0 .2 .2 .6 .5 .1 .1 .0
315. * .0 .2 .2 .6 .5 .2 .1 .0
320. * .0 .2 .2 .6 .5 .2 .1 .0
325. * .0 .2 .2 .6 .4 .2 .1 .0
330. * .0 .2 .2 .6 .4 .3 .1 .1
335. * .0 .2 .2 .6 .4 .3 .2 .2
340. * .0 .2 .2 .5 .3 .2 .2 .2
345. * .0 .2 .2 .6 .5 .2 .2 .3
350. * .0 .2 .2 .6 .4 .2 .1 .4
355. * .0 .2 .2 .7 .4 .2 .2 .4
360. * .0 .2 .2 .9 .4 .1 .2 .4
-----
MAX * .3 .2 .6 1.2 .7 .4 .3 .4
DEGR * 95 0 30 35 270 20 5 0

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 35 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 255 DEGREES FROM REC3.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 100 DEGREES FROM REC17.

1

JOB: S8 B215PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:23:49.71

RUN: S8 B215PM MD355 & WAT MILL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 305	REC2 310	REC3 255	REC4 190	REC5 305	REC6 270	REC7 35	REC8 220	REC9 155	REC10 175	REC11 110	REC12 235	REC13 215	REC14 150	REC15 110	REC16 120	REC17 100	REC18 10	REC19 100	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.0	.3	.5	.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.2	.2	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 305	REC2 310	REC3 255	REC4 190	REC5 305	REC6 270	REC7 35	REC8 220	REC9 155	REC10 175	REC11 110	REC12 235	REC13 215	REC14 150	REC15 110	REC16 120	REC17 100	REC18 10	REC19 100	REC20 85
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
49	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2

1

JOB: S8 B215PM MD355&WAT MILL
 DATE: 12/27/2006 TIME: 00:23:49.71

RUN: S8 B215PM MD355 & WAT MILL

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 95	REC22 0	REC23 30	REC24 35	REC25 270	REC26 20	REC27 5	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0


```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .1 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .1 .1 .1 .0 .0 .0
28 * .0 .0 .1 .1 .0 .0 .0 .0
29 * .0 .0 .1 .7 .4 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .1 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .1 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B215PM MD355&WAT MILL

RUN: S8 B215PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 95 0 30 35 270 20 5 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .1 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .1 .0 .0 .0

```

						S8NB30AM.DAT			
S8 NB30AM MD355&WAT MILL		60.0175.0.0000.000280.30480000		11		1			
REC 1	SE CORNER	250457.	543297.	5.					
REC 2	164' SE CORNER	250331.	543511.	5.					
REC 3	82' SE CORNER	250292.	543593.	5.					
REC 4	SE CORNER	250272.	543669.	5.					
REC 5	82' ES CORNER	250329.	543714.	5.					
REC 6	164' ES CORNER	250401.	543758.	5.					
REC 7	400' ES CORNER	250616.	543837.	5.					
REC 8	400' EN CORNER	250597.	543919.	5.					
REC 9	164' EN CORNER	250364.	543847.	5.					
REC 10	82' EN CORNER	250295.	543807.	5.					
REC 11	NE CORNER	250220.	543778.	5.					
REC 12	82' NE CORNER	250178.	543827.	5.					
REC 13	164' NE CORNE	250132.	543894.	5.					
REC 14	NE CORNER	249984.	544064.	5.					
REC 15	400 NW CORNER	249775.	544043.	5.					
REC 16	164' NW CORNE	249973.	543875.	5.					
REC 17	82' NW CORNER	250035.	543804.	5.					
REC 18	NW CORNER	250097.	543708.	5.					
REC 19	82' WN CORNER	249972.	543647.	5.					
REC 20	164' WN CORNE	249904.	543605.	5.					
REC 21	400' WN CORNE	249700.	543483.	5.					
REC 22	400' WS CORNE	249797.	543347.	5.					
REC 23	164' WS CORNE	249977.	543495.	5.					
REC 24	82' WS CORNER	250051.	543546.	5.					
REC 25	SW CORNER	250146.	543588.	5.					
REC 26	82' SW CORNER	250185.	543483.	5.					
REC 27	164' SW CORNE	250222.	543405.	5.					
REC 28	400' SW CORNE	250344.	543195.	5.					
S8 NB30AM MD355 & WAT MILL									
		49	1	1					
1	NB 355 R	AG250263.543704.250248.543659.	50	2.9	0.	32.	35.		
0	NB 355 R	AG250248.543659.250293.543561.	50	2.9	0.	32.	35.		
1	NB 355 L	AG250204.543666.250269.543521.	450	2.9	0.	44.	35.		
2	NB 355 L	AG250224.543622.250254.543556.	0.	24.	2				
110	81	4.0 450 29.1 1717 3 1							
1	NB 355 T	AG250226.543672.250289.543527.	925	2.9	0.	44.	35.		
2	NB 355 T	AG250244.543629.250277.543555.	0.	24.	2				
110	68	4.0 925 29.1 1770 3 1							
1	NB 355 ALL	AG250286.543521.250402.543298.	1425	2.9	0.	56.	35.		
0	NB 355 ALL	AG250402.543298.250743.542840.	1425	2.9	0.	56.	35.		
1	NB 355 dp	AG250223.543681.250059.543939.	1450	2.9	0.	56.	40.		
4	NB 355 dp	AG250059.543939.249911.544075.	1450	2.9	0.	56.	40.		
5	NB 355 dp	AG249911.544075.249446.544336.	1450	2.9	0.	56.	40.		
1	NB 355 dp	AG249911.544075.249446.544336.	1450	2.9	0.	56.	40.		
6	NB 355 dp	AG249911.544075.249446.544336.	1450	2.9	0.	56.	40.		
1	SB 355 L	AG250171.543705.250085.543850.	175	2.9	0.	44.	35.		
2	SB 355 L	AG250142.543754.250093.543835.	0.	24.	2				
0	SB 355 L	AG250142.543754.250093.543835.	0.	24.	2				
110	88	4.0 175 29.1 1717 3 1							
1	SB 355 L	AG250086.543850.250036.543912.	175	2.9	0.	44.	35.		
0	SB 355 L	AG250086.543850.250036.543912.	175	2.9	0.	44.	35.		
1	SB 355 T	AG250148.543694.250065.543836.	1075	2.9	0.	56.	35.		
2	SB 355 T	AG250120.543742.250073.543821.	0.	36.	3				
110	74	4.0 1075 29.1 1695 3 1							
1	SB 355 T	AG250065.543836.250020.543901.	1075	2.9	0.	56.	35.		
0	SB 355 R	AG250108.543676.250116.543718.	450	2.9	0.	32.	35.		
1	SB 355 R	AG250116.543718.250064.543807.	450	2.9	0.	32.	35.		
0	SB 355 R	AG250116.543718.250064.543807.	450	2.9	0.	32.	35.		
0	SB 355 R	AG250064.543807.250001.543885.	450	2.9	0.	32.	35.		
1	SB 355 ALL	AG250016.543901.249875.544028.	1700	2.9	0.	68.	35.		
0	SB 355 ALL	AG249875.544028.249749.544101.	1700	2.9	0.	68.	35.		
1	SB 355 ALL	AG249749.544101.249402.544275.	1700	2.9	0.	56.	35.		
0	SB 355 Dp	AG250680.542801.250525.543011.	2000	2.9	0.	56.	35.		
1	SB 355 Dp	AG250525.543011.250334.543301.	2000	2.9	0.	56.	35.		
0	SB 355 Dp	AG250334.543301.250141.543692.	2000	2.9	0.	56.	35.		
1	EB WatM R	AG250177.543611.249923.543464.	625	2.7	0.	32.	35.		
0	EB WatM T	AG250203.543653.249917.543479.	225	2.7	0.	44.	35.		
2	EB WatM T	AG250119.543604.249996.543527.	0.	24.	2				
110	91	4.0 225 29.1 1770 3 1							
1	EB WatM L	AG250189.543681.249921.543519.	350	2.7	0.	56.	35.		
2	EB WatM L	AG250105.543630.249976.543552.	0.	36.	3				
0	EB WatM L	AG250105.543630.249976.543552.	0.	36.	3				
110	91	4.0 350 29.1 1663 3 1							
1	EB WatM ALL	AG249913.543489.249354.543146.	1200	2.7	0.	92.	35.		
1	EB WATMdp	AG250193.543672.250354.543752.	450	2.7	0.	68.	35.		
0	EB WATMdp	AG250354.543752.250503.543838.	450	2.7	0.	68.	35.		
1	EB WATMdp	AG250503.543838.250636.543867.	450	2.7	0.	68.	35.		

										S8NB30AM.DAT
1										
1	EB	WATMdp	AG250636.543867.251067.543900.		450	2.7	0.	68.	35.	
1	EB	WATMdp	AG251067.543900.251166.543936.		450	2.7	0.	68.	35.	
1	WB	WatM L	AG250220.543705.250351.543784.		300	2.7	0.	32.	35.	
2										
	WB	WatM L	AG250261.543730.250337.543775.		0.	12.	1			
110			76 2.0 300 29.1 1770 3 1							
1	WB	WatM T	AG250186.543703.250345.543795.		300	2.7	0.	44.	35.	
2										
	WB	WatM T	AG250252.543741.250334.543789.		0.	24.	2			
110			77 2.0 300 29.1 1770 3 1							
1										
	WB	WatM R	AG250206.543731.250344.543808.		175	2.7	0.	32.	35.	
1										
	WB	WatMALLAG	250347.543798.250468.543862.		775	2.7	0.	56.	35.	
0										
1	WB	WatMALLAG	250468.543862.250574.543895.		775	2.7	0.	56.	35.	
0										
1	WB	WatMALLAG	250574.543895.250801.543921.		775	2.7	0.	56.	35.	
0										
1	WB	WatMALLAG	250801.543921.251016.543938.		775	2.7	0.	56.	35.	
0										
1	WB	WatMALLAG	251016.543938.251159.543968.		775	2.7	0.	56.	35.	
0										
1	WB	WATMdp	AG2500167.543689.250021.543634.		1200	2.7	0.	56.	35.	
1										
	WB	WATMdp	AG250021.543634.249323.543207.		1200	2.7	0.	56.	35.	
1.0	0.4	1000.	0.0Y 5 0 72							

JOB: S8 NB30AM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:59:19.64

RUN: S8 NB30AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	50.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	50.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	450.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250274.0	543512.0	*	121.	156. AG	115.	100.0	.0	24.0	.63 6.1
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	925.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250335.8	543423.0	*	225.	156. AG	97.	100.0	.0	24.0	.80 11.5
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1425.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1425.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1450.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1450.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1450.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	175.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250113.9	543800.4	*	54.	329. AG	125.	100.0	.0	24.0	.35 2.8
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	175.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	1075.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250022.7	543905.5	*	190.	329. AG	158.	100.0	.0	36.0	.77 9.7
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	1075.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	450.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	450.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	450.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	1700.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	1700.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	1700.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	2000.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	2000.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	2000.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	625.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	225.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250053.4	543562.9	*	77.	238. AG	129.	100.0	.0	24.0	.54 3.9
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	350.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250034.3	543587.3	*	83.	239. AG	194.	100.0	.0	36.0	.59 4.2
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1200.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	450.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	450.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	450.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	450.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	450.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	300.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250387.5	543805.0	*	147.	59. AG	54.	100.0	.0	12.0	.62 7.5
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	300.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250318.1	543779.7	*	77.	60. AG	109.	100.0	.0	24.0	.32 3.9
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	175.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	775.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	775.	2.7	.0	56.0	

JOB: S8 NB30AM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:59:19.64

RUN: S8 NB30AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	775.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	775.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	775.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1200.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1200.	2.7	.0	56.0	

JOB: S8 NB30AM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:59:19.64

RUN: S8 NB30AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	81	4.0	450	1717	29.10	3	1
6.	NB 355 T	* 110	68	4.0	925	1770	29.10	3	1
13. 0	SB 355 L	* 110	88	4.0	175	1717	29.10	3	1
16.	SB 355 T	* 110	74	4.0	1075	1695	29.10	3	1
29.	EB WatM T	* 110	91	4.0	225	1770	29.10	3	1
31. 0	EB WatM L	* 110	91	4.0	350	1663	29.10	3	1
39.	WB WatM L	* 110	76	2.0	300	1770	29.10	3	1
41.	WB WatM T	* 110	77	2.0	300	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8NB30AM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.8	.0	.0
5.	*	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.8	.1	.0
10.	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.7	.1	.0
15.	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.1	.0
20.	*	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.1	.1
25.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.1	.1
30.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.5	.1	.1
35.	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.1	.1
40.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.1	.1
45.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.4	.1	.1
50.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.4	.1	.1
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.2	.1	.1
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.2	.1	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.2	.0	.1
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.3	.6	.3	.1	.2
75.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.2	.5	.6	.3	.1	.2
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.2	.5	.6	.2	.1	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.2	.5	.7	.2	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.1	.5	.7	.2	.3	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.1	.5	.7	.2	.4	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.2	.5	.7	.3	.5	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.2	.5	.7	.3	.6	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.2	.5	.7	.3	.6	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.3	.4	.7	.2	.5	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.3	.4	.6	.4	.5	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.1	.0	.3	.3	.5	.5	.5	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.2	.4	.5	.4	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.2	.5	.5	.3	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.2	.0	.2	.4	.5	.3
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.1	.3	.0	.2	.2	.5	.2	.1
150.	*	.1	.2	.2	.0	.0	.0	.0	.1	.1	.3	.2	.2	.1	.3	.0	.1	.1	.3	.1	.1
155.	*	.1	.2	.2	.1	.0	.0	.0	.1	.1	.3	.1	.2	.1	.3	.0	.1	.2	.2	.1	.1
160.	*	.2	.3	.3	.1	.0	.0	.0	.1	.2	.3	.2	.4	.2	.2	.0	.1	.1	.3	.1	.1
165.	*	.2	.3	.3	.3	.0	.0	.0	.1	.2	.3	.3	.4	.3	.2	.0	.1	.1	.4	.1	.1
170.	*	.2	.4	.4	.5	.0	.0	.0	.1	.2	.4	.4	.4	.4	.3	.0	.0	.1	.3	.1	.1
175.	*	.2	.6	.6	.5	.1	.0	.0	.1	.2	.4	.4	.2	.5	.3	.0	.0	.1	.4	.1	.1
180.	*	.2	.5	.7	.5	.1	.0	.0	.1	.2	.4	.4	.2	.3	.3	.0	.0	.1	.4	.1	.1
185.	*	.2	.5	.7	.5	.1	.0	.0	.1	.2	.6	.3	.2	.4	.2	.0	.0	.1	.4	.1	.1
190.	*	.2	.4	.6	.6	.2	.0	.0	.1	.2	.6	.2	.2	.5	.2	.0	.0	.0	.5	.1	.1
195.	*	.2	.4	.6	.6	.3	.1	.0	.1	.2	.6	.2	.3	.6	.2	.0	.0	.0	.5	.1	.2
200.	*	.2	.4	.7	.6	.3	.1	.0	.1	.2	.5	.2	.3	.4	.2	.0	.0	.0	.4	.1	.2
205.	*	.2	.4	.7	.5	.3	.1	.0	.1	.2	.3	.2	.4	.3	.2	.0	.0	.0	.4	.1	.2

1

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.4	.7	.5	.3	.1	.0	.1	.2	.3	.3	.4	.3	.2	.0	.0	.0	.3	.1	.2
215.	*	.2	.4	.7	.4	.3	.2	.0	.1	.2	.3	.3	.4	.3	.2	.0	.0	.0	.2	.1	.2
220.	*	.2	.4	.6	.4	.3	.2	.0	.1	.2	.1	.2	.3	.3	.2	.0	.0	.0	.3	.2	.2
225.	*	.2	.4	.6	.4	.3	.1	.0	.1	.1	.2	.2	.5	.3	.2	.0	.0	.0	.3	.2	.2
230.	*	.2	.4	.6	.3	.1	.0	.0	.1	.1	.2	.2	.4	.3	.2	.0	.0	.0	.2	.1	.1
235.	*	.2	.4	.6	.2	.1	.0	.0	.1	.1	.2	.2	.4	.3	.2	.0	.0	.0	.2	.1	.1
240.	*	.2	.4	.6	.4	.2	.0	.0	.1	.1	.1	.1	.4	.3	.2	.0	.0	.0	.1	.1	.1
245.	*	.2	.4	.6	.4	.2	.0	.0	.1	.0	.1	.3	.4	.3	.2	.0	.0	.0	.1	.1	.1
250.	*	.2	.4	.6	.4	.1	.0	.0	.1	.1	.2	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.4	.6	.3	.2	.1	.0	.1	.1	.2	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.4	.8	.3	.1	.2	.0	.0	.1	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
265.	*	.2	.5	.8	.2	.1	.2	.0	.0	.1	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0
270.	*	.2	.5	.8	.2	.2	.3	.0	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
275.	*	.2	.5	.8	.1	.3	.3	.0	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.2	.5	.7	.1	.4	.3	.1	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0
285.	*	.2	.7	.7	.2	.3	.3	.1	.0	.0	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0

S8NB30AM.OUT																					
290.	*	.2	.8	.5	.2	.4	.3	.1	.0	.0	.1	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0
295.	*	.2	.8	.5	.2	.4	.1	.1	.0	.0	.1	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0
300.	*	.2	.8	.6	.2	.4	.1	.0	.0	.0	.0	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0
305.	*	.2	.7	.6	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
310.	*	.3	.8	.3	.2	.3	.1	.0	.0	.0	.0	.2	.1	.2	.1	.2	.0	.0	.0	.0	.0
315.	*	.3	.6	.4	.2	.3	.1	.0	.0	.0	.0	.1	.1	.2	.0	.3	.1	.0	.0	.0	.0
320.	*	.3	.5	.4	.2	.3	.1	.0	.0	.0	.0	.1	.1	.2	.0	.3	.1	.1	.1	.0	.0
325.	*	.2	.5	.4	.2	.3	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.1	.1	.0	.0
330.	*	.2	.4	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.2	.0	.0
335.	*	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.0	.0
340.	*	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.4	.0	.0
345.	*	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.5	.0	.0
350.	*	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.0	.0
355.	*	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.7	.0	.0
360.	*	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.8	.0	.0
MAX		.3	.8	.8	.6	.4	.3	.1	.1	.2	.6	.4	.5	.6	.3	.3	.5	.7	.8	.6	.3
DEGR.		310	290	260	190	280	270	75	70	160	185	170	225	195	145	30	75	85	0	105	90

1

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.0	.7	.4	.1	.3	.4
5.	.0	.1	.1	.7	.5	.2	.4	.3
10.	.0	.1	.1	.8	.4	.3	.4	.2
15.	.0	.1	.3	.8	.4	.3	.4	.2
20.	.0	.1	.3	1.0	.4	.3	.3	.1
25.	.0	.1	.3	.9	.3	.3	.3	.1
30.	.0	.1	.3	.7	.3	.3	.3	.1
35.	.0	.1	.4	.8	.3	.3	.2	.1
40.	.0	.1	.4	.9	.3	.3	.2	.1
45.	.0	.1	.4	.9	.2	.3	.3	.2
50.	.0	.0	.3	.7	.2	.3	.3	.2
55.	.1	.0	.3	.7	.3	.3	.3	.2
60.	.1	.0	.3	.5	.3	.3	.3	.2
65.	.1	.0	.2	.4	.4	.3	.3	.2
70.	.1	.0	.1	.5	.5	.3	.3	.2
75.	.1	.0	.1	.4	.5	.3	.3	.2
80.	.1	.0	.1	.5	.5	.2	.3	.2
85.	.1	.0	.1	.4	.4	.3	.2	.2
90.	.1	.0	.1	.4	.4	.3	.2	.2
95.	.1	.0	.1	.4	.4	.3	.2	.2
100.	.2	.0	.1	.3	.4	.3	.2	.3
105.	.2	.0	.0	.3	.4	.3	.2	.3
110.	.2	.0	.0	.2	.4	.4	.2	.3
115.	.2	.0	.0	.2	.4	.3	.1	.3
120.	.2	.0	.0	.2	.4	.3	.1	.3
125.	.2	.0	.0	.2	.4	.2	.3	.3
130.	.2	.0	.0	.1	.4	.1	.3	.1
135.	.2	.0	.0	.1	.3	.1	.3	.1
140.	.2	.0	.0	.1	.2	.2	.2	.1
145.	.2	.0	.0	.1	.2	.2	.1	.1
150.	.2	.0	.0	.1	.1	.1	.1	.0
155.	.2	.0	.0	.1	.1	.0	.0	.0
160.	.2	.0	.0	.1	.1	.0	.0	.0
165.	.2	.0	.0	.1	.0	.0	.0	.0
170.	.2	.0	.0	.1	.0	.0	.0	.0
175.	.2	.0	.0	.1	.0	.0	.0	.0
180.	.2	.0	.0	.1	.0	.0	.0	.0
185.	.2	.0	.0	.1	.0	.0	.0	.0
190.	.2	.0	.0	.1	.0	.0	.0	.0
195.	.2	.0	.0	.1	.0	.0	.0	.0
200.	.2	.0	.1	.1	.0	.0	.0	.0
205.	.2	.0	.1	.1	.0	.0	.0	.0

1

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.1	.1	.0	.0	.0	.0
215.	.2	.0	.1	.1	.1	.0	.0	.0
220.	.2	.0	.1	.1	.1	.0	.0	.0
225.	.1	.0	.2	.1	.1	.0	.0	.0
230.	.1	.0	.2	.1	.1	.0	.0	.0
235.	.1	.0	.2	.2	.2	.0	.0	.0
240.	.1	.1	.2	.2	.2	.0	.0	.0
245.	.0	.1	.2	.2	.3	.0	.0	.0
250.	.0	.1	.2	.3	.4	.0	.0	.0
255.	.0	.1	.3	.2	.5	.0	.0	.0
260.	.0	.1	.3	.2	.6	.0	.0	.0
265.	.0	.1	.3	.1	.7	.0	.0	.0
270.	.0	.1	.3	.1	.7	.0	.0	.0
275.	.0	.1	.2	.1	.7	.0	.0	.0
280.	.0	.1	.2	.1	.7	.0	.0	.0
285.	.0	.1	.1	.1	.7	.0	.0	.0
290.	.0	.1	.1	.1	.6	.0	.0	.0

S8NB30AM.OUT

```

295. * .0 .1 .1 .1 .6 .0 .0 .0
300. * .0 .1 .1 .1 .6 .2 .0 .0
305. * .0 .1 .1 .1 .5 .2 .0 .0
310. * .0 .1 .1 .1 .5 .2 .0 .0
315. * .0 .1 .1 .1 .4 .2 .1 .0
320. * .0 .1 .1 .1 .2 .2 .1 .0
325. * .0 .1 .1 .1 .3 .2 .1 .1
330. * .0 .1 .1 .1 .3 .3 .1 .1
335. * .0 .1 .1 .2 .2 .2 .3 .1
340. * .0 .1 .1 .2 .4 .2 .2 .1
345. * .0 .1 .1 .4 .4 .2 .2 .3
350. * .0 .1 .1 .5 .3 .2 .1 .3
355. * .0 .1 .0 .7 .4 .2 .3 .4
360. * .0 .1 .0 .7 .4 .1 .3 .4
-----
MAX * .2 .1 .4 1.0 .7 .4 .4
DEGR. * 100 0 35 20 265 110 5 0

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 20 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 290 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 260 DEGREES FROM REC3 .

1

PAGE 8

JOB: S8 NB30AM MD355&WAT MILL
 DATE: 12/18/2006 TIME: 10:59:19.64

RUN: S8 NB30AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 310	REC2 290	REC3 260	REC4 190	REC5 280	REC6 270	REC7 75	REC8 70	REC9 160	REC10 185	REC11 170	REC12 225	REC13 195	REC14 145	REC15 30	REC16 75	REC17 85	REC18 0	REC19 105	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0
16	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.0	.3	.4	.4	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC1 310	REC2 290	REC3 260	REC4 190	REC5 280	REC6 270	REC7 75	REC8 70
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 NB30AM MD355&WAT MILL
 DATE: 12/18/2006 TIME: 10:59:19.64

RUN: S8 NB30AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 100	REC22 0	REC23 35	REC24 20	REC25 265	REC26 110	REC27 5	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .1 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .1 .1 .1
7 * .0 .0 .0 .0 .0 .1 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .1 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .2 .2 .1
27 * .0 .0 .1 .0 .1 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .1 .4 .3 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .2 .4 .2 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 NB30AM MD355&WAT MILL

RUN: S8 NB30AM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 100 0 35 20 265 110 5 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .1 .0 .0 .0 .1 .0 .0 .0

```


S8NB30PM.DAT

S8 NB30PM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 NB30PM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	400 2.9	0. 32.	35.
0	1	NB 355 R	AG250248.543659.250293.543561.	400 2.9	0. 32. 35.
	2	NB 355 L	AG250204.543666.250269.543521.	775 2.9	0. 44. 35.
	110	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2
		78	4.0 775 29.1 1717 3 1		
1	NB 355 T	AG250226.543672.250289.543527.	800 2.9	0. 44.	35.
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2	
	110	76	4.0 800 29.1 1770 3 1		
1	NB 355 All	AG250286.543521.250402.543298.	1975 2.9	0. 56.	35.
0	1	NB 355 All	AG250402.543298.250743.542840.	1975 2.9	0. 56. 35.
4	1	NB 355 dp	AG250223.543681.250059.543939.	1325 2.9	0. 56. 40.
5	1	NB 355 dp	AG250059.543939.249911.544075.	1325 2.9	0. 56. 40.
6	1	NB 355 dp	AG249911.544075.249446.544336.	1325 2.9	0. 56. 40.
2	SB 355 L	AG250171.543705.250085.543850.	200 2.9	0. 44.	35.
0	110	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2
		88	4.0 200 29.1 1717 3 1		
0	1	SB 355 L	AG250086.543850.250036.543912.	200 2.9	0. 44. 35.
1	SB 355 T	AG250148.543694.250065.543836.	850 2.9	0. 56.	35.
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3	
	110	85	4.0 850 29.1 1695 3 1		
1	SB 355 T	AG250065.543836.250020.543901.	850 2.9	0. 56.	35.
0	1	SB 355 R	AG250108.543676.250116.543718.	400 2.9	0. 32. 35.
0	1	SB 355 R	AG250116.543718.250064.543807.	400 2.9	0. 32. 35.
0	1	SB 355 R	AG250064.543807.250001.543885.	400 2.9	0. 32. 35.
0	1	SB 355 ALL	AG250016.543901.249875.544028.	1450 2.9	0. 68. 35.
0	1	SB 355 ALL	AG249875.544028.249749.544101.	1450 2.9	0. 68. 35.
0	1	SB 355 ALL	AG249749.544101.249402.544275.	1450 2.9	0. 56. 35.
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1725 2.9	0. 56. 35.
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1725 2.7	0. 56. 35.
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1725 2.7	0. 56. 35.
0	1	EB WatM R	AG250177.543611.249923.543464.	375 2.7	0. 32. 35.
2	EB WatM T	AG250203.543653.249917.543479.	25 2.7	0. 44.	35.
	110	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2
		98	4.0 25 29.1 1770 3 1		
1	EB WatM L	AG250189.543681.249921.543519.	375 2.7	0. 56.	35.
0	2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3
	110	95	4.0 375 29.1 1663 3 1		
1	EB WatM All	AG249913.543489.249354.543146.	1175 2.7	0. 92.	35.
EB	1	EB WATMdp	AG250193.543672.250354.543752.	625 2.7	0. 68. 35.
1	EB WATMdp	AG250354.543752.250503.543838.	625 2.7	0. 68.	35.
1	EB WATMdp	AG250503.543838.250636.543867.	625 2.7	0. 68.	35.

				S8NB30PM.DAT				
1								
1	EB	WATMdp	AG250636.543867.251067.543900.	625	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	625	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	100	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110		56	2.0 100 29.1 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	750	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110		70	2.0 750 29.1 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	150	2.7	0.	32.	35.
1	WB	WatMAll	AG250347.543798.250468.543862.	1000	2.7	0.	56.	35.
0	WB	WatMAll	AG250468.543862.250574.543895.	1000	2.7	0.	56.	35.
0	WB	WatMAll	AG250574.543895.250801.543921.	1000	2.7	0.	56.	35.
0	WB	WatMAll	AG250801.543921.251016.543938.	1000	2.7	0.	56.	35.
0	WB	WatMAll	AG251016.543938.251159.543968.	1000	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1925	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	1925	2.7	0.	56.	35.

JOB: S8 NB30PM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:57:24.85

RUN: S8 NB30PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	400.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	400.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	775.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250343.6	543359.1	*	289.	156. AG	111.	100.0	.0	24.0	.96 14.7
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	800.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250344.3	543404.1	*	246.	156. AG	108.	100.0	.0	24.0	.89 12.5
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1975.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1975.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1325.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1325.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1325.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	200.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250109.3	543808.0	*	63.	329. AG	125.	100.0	.0	24.0	.40 3.2
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	200.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	850.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	249993.1	543955.3	*	248.	329. AG	181.	100.0	.0	36.0	.97 12.6
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	850.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	400.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	400.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	400.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	1450.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	1450.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	1450.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1725.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1725.	2.7	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1725.	2.7	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	375.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	25.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250111.8	543599.5	*	9.	238. AG	139.	100.0	.0	24.0	.13 .4
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	375.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	249999.2	543566.0	*	124.	239. AG	202.	100.0	.0	36.0	.92 6.3
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1175.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	625.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	625.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	625.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	625.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	625.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	100.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250287.4	543745.6	*	31.	59. AG	40.	100.0	.0	12.0	.12 1.6
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	750.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250396.5	543825.6	*	167.	60. AG	99.	100.0	.0	24.0	.65 8.5
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	150.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	1000.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	1000.	2.7	.0	56.0	

JOB: S8 NB30PM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:57:24.85

RUN: S8 NB30PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	1000.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	1000.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	1000.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1925.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1925.	2.7	.0	56.0	

JOB: S8 NB30PM MD355&WAT MILL
DATE: 12/18/2006 TIME: 10:57:24.85

RUN: S8 NB30PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	78	4.0	775	1717	29.10	3	1
6.	NB 355 T	* 110	76	4.0	800	1770	29.10	3	1
13. 0	SB 355 L	* 110	88	4.0	200	1717	29.10	3	1
16.	SB 355 T	* 110	85	4.0	850	1695	29.10	3	1
29.	EB WatM T	* 110	98	4.0	25	1770	29.10	3	1
31. 0	EB WatM L	* 110	95	4.0	375	1663	29.10	3	1
39.	WB WatM L	* 110	56	2.0	100	1770	29.10	3	1
41.	WB WatM T	* 110	70	2.0	750	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8NB30PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.8	.1	.0
5.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.8	.1	.0
10.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.7	.1	.1
15.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.7	.1	.1
20.	*	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.8	.2	.1
25.	*	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.2	.1
30.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.6	.2	.1
35.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.5	.2	.1
40.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.1	.1
45.	*	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.1	.1
50.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.1	.1
55.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.3	.1	.1
60.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.3	.2	.2
65.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.2	.3	.6	.3	.1	.2
70.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0	.1	.3	.6	.3	.1	.3
75.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.1	.4	.6	.3	.1	.3
80.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.0	.0	.0	.1	.4	.7	.3	.2	.5
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.0	.0	.0	.1	.5	.7	.4	.3	.5
90.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.1	.5	.8	.3	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.1	.5	.8	.2	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.2	.6	.8	.3	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.3	.5	.7	.2	.7	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.3	.5	.7	.2	.8	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.3	.5	.7	.3	.8	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.3	.5	.6	.4	.5	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.2	.4	.5	.4	.5	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.0	.1	.3	.6	.4	.4	.1
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.1	.1	.0	.1	.2	.6	.5	.4	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.2	.1	.3	.4	.5	.4	.1
145.	*	.1	.2	.1	.0	.0	.0	.0	.1	.3	.3	.1	.0	.1	.3	.0	.1	.4	.5	.5	.2
150.	*	.2	.2	.3	.1	.0	.0	.0	.1	.3	.3	.1	.2	.2	.4	.0	.2	.3	.3	.4	.2
155.	*	.2	.3	.4	.3	.0	.0	.0	.1	.3	.3	.2	.3	.3	.4	.0	.1	.3	.2	.3	.1
160.	*	.2	.4	.4	.3	.0	.0	.0	.1	.3	.3	.2	.3	.3	.4	.0	.1	.2	.3	.3	.1
165.	*	.2	.4	.4	.4	.0	.0	.0	.1	.3	.3	.2	.4	.4	.4	.0	.1	.2	.3	.2	.1
170.	*	.3	.5	.6	.5	.0	.0	.0	.1	.3	.5	.4	.4	.4	.4	.0	.1	.2	.2	.2	.1
175.	*	.3	.5	.7	.7	.3	.0	.0	.1	.3	.5	.4	.3	.3	.4	.0	.1	.3	.2	.1	.1
180.	*	.3	.7	.8	.7	.3	.0	.0	.1	.3	.5	.4	.2	.3	.4	.0	.0	.1	.3	.2	.2
185.	*	.3	.8	.8	.7	.3	.0	.0	.1	.5	.5	.3	.2	.5	.3	.0	.0	.1	.3	.2	.2
190.	*	.3	.8	.8	.6	.2	.2	.0	.1	.5	.5	.2	.2	.5	.3	.0	.0	.1	.4	.2	.2
195.	*	.3	.8	.7	.6	.2	.2	.0	.1	.5	.5	.2	.2	.5	.2	.0	.0	.2	.4	.2	.2
200.	*	.3	.8	.7	.6	.2	.2	.0	.1	.6	.4	.2	.4	.5	.2	.0	.0	.1	.4	.2	.3
205.	*	.3	.8	.7	.6	.2	.2	.0	.1	.5	.3	.3	.5	.4	.2	.0	.0	.1	.4	.2	.3

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.8	.7	.4	.2	.2	.0	.1	.3	.3	.4	.5	.4	.2	.0	.0	.1	.4	.2	.3
215.	*	.2	.8	.7	.4	.2	.2	.0	.1	.2	.2	.3	.4	.5	.2	.0	.0	.1	.4	.2	.3
220.	*	.2	.8	.7	.4	.2	.2	.0	.2	.3	.3	.3	.7	.5	.2	.0	.0	.1	.4	.3	.3
225.	*	.2	.8	.7	.4	.2	.2	.0	.2	.3	.3	.3	.7	.5	.2	.0	.0	.1	.3	.3	.3
230.	*	.2	.8	.7	.3	.0	.0	.0	.2	.2	.1	.4	.6	.4	.2	.0	.0	.0	.3	.2	.2
235.	*	.2	.8	.7	.3	.2	.0	.0	.2	.2	.2	.4	.6	.4	.2	.0	.0	.0	.2	.2	.2
240.	*	.2	.8	.7	.3	.2	.1	.0	.3	.1	.2	.5	.4	.4	.2	.0	.0	.0	.2	.1	.1
245.	*	.2	.8	.7	.4	.3	.1	.0	.3	.1	.1	.4	.4	.4	.1	.0	.0	.0	.1	.1	.1
250.	*	.2	.8	.7	.4	.3	.1	.0	.3	.1	.1	.3	.4	.4	.1	.0	.0	.0	.1	.1	.1
255.	*	.2	.8	.9	.4	.2	.1	.2	.3	.1	.2	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.8	.9	.4	.2	.1	.2	.3	.1	.2	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0
265.	*	.3	.7	.9	.3	.1	.2	.3	.2	.1	.2	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0
270.	*	.2	.7	.9	.3	.1	.3	.2	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0
275.	*	.2	.8	.9	.1	.3	.3	.2	.0	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
280.	*	.2	.8	.9	.2	.4	.4	.1	.0	.1	.2	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0
285.	*	.3	.8	.9	.2	.4	.4	.1	.0	.1	.1	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0

S8NB30PM.OUT

290.	*	.2	.8	.8	.2	.4	.4	.1	.0	.1	.1	.4	.3	.4	.2	.1	.0	.0	.0	.0	.0
295.	*	.3	.8	.6	.2	.4	.3	.1	.0	.0	.1	.4	.3	.4	.1	.1	.0	.0	.0	.0	.0
300.	*	.3	.8	.7	.3	.4	.3	.1	.0	.0	.1	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0
305.	*	.4	.8	.6	.4	.3	.2	.1	.0	.0	.0	.3	.3	.3	.1	.2	.0	.0	.0	.0	.0
310.	*	.5	.9	.5	.4	.3	.2	.1	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
315.	*	.4	.6	.5	.3	.3	.2	.1	.0	.0	.0	.2	.2	.2	.0	.3	.1	.0	.1	.0	.0
320.	*	.4	.5	.5	.2	.3	.2	.1	.0	.0	.0	.2	.1	.1	.0	.3	.1	.1	.1	.0	.0
325.	*	.3	.5	.5	.2	.3	.3	.1	.0	.0	.0	.0	.1	.0	.0	.3	.1	.2	.2	.0	.0
330.	*	.3	.2	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.3	.0	.0
335.	*	.3	.1	.2	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.3	.4	.0	.0
340.	*	.0	.1	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.6	.0	.0
345.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.6	.0	.0
350.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.6	.0	.0
355.	*	.0	.1	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.8	.0	.0
360.	*	.0	.1	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.8	.1	.0
MAX		.5	.9	.9	.7	.4	.4	.3	.3	.6	.5	.5	.7	.5	.4	.3	.6	.8	.8	.8	.5
DEGR.		310	310	255	175	280	280	265	240	200	170	240	220	185	150	105	100	90	0	110	80

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.3	.7	.4	.1	.3	.5
5.	.0	.2	.3	.7	.4	.1	.3	.4
10.	.0	.2	.4	.7	.3	.2	.3	.2
15.	.0	.2	.4	.7	.2	.2	.3	.2
20.	.0	.2	.3	.6	.1	.3	.3	.2
25.	.0	.3	.4	.6	.1	.3	.3	.2
30.	.0	.3	.5	.4	.1	.3	.3	.1
35.	.0	.3	.4	.4	.2	.3	.4	.2
40.	.1	.2	.4	.3	.2	.3	.4	.2
45.	.1	.2	.4	.2	.2	.3	.4	.2
50.	.2	.1	.3	.3	.2	.3	.4	.2
55.	.1	.1	.2	.3	.1	.3	.4	.2
60.	.1	.0	.2	.2	.1	.3	.4	.2
65.	.3	.0	.1	.2	.3	.3	.4	.2
70.	.3	.0	.1	.3	.3	.3	.4	.2
75.	.3	.0	.2	.4	.3	.4	.4	.2
80.	.3	.0	.3	.4	.3	.4	.4	.2
85.	.2	.0	.2	.4	.3	.4	.4	.2
90.	.2	.0	.2	.4	.3	.4	.4	.2
95.	.2	.0	.1	.3	.3	.4	.3	.2
100.	.2	.0	.1	.3	.3	.4	.3	.2
105.	.3	.0	.0	.3	.3	.4	.3	.2
110.	.3	.0	.0	.3	.4	.4	.3	.2
115.	.3	.0	.0	.2	.5	.4	.3	.2
120.	.2	.0	.0	.2	.6	.4	.3	.2
125.	.2	.0	.0	.0	.6	.3	.2	.2
130.	.2	.0	.0	.0	.5	.4	.3	.2
135.	.2	.0	.0	.0	.5	.3	.3	.1
140.	.2	.0	.0	.0	.4	.2	.3	.1
145.	.2	.0	.0	.0	.2	.1	.1	.1
150.	.2	.0	.0	.0	.1	.0	.1	.0
155.	.2	.0	.0	.0	.1	.0	.0	.0
160.	.2	.0	.0	.0	.1	.0	.0	.0
165.	.2	.0	.0	.0	.0	.0	.0	.0
170.	.2	.0	.0	.0	.0	.0	.0	.0
175.	.2	.0	.0	.0	.0	.0	.0	.0
180.	.2	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.1	.0	.0	.0	.0
215.	.3	.0	.0	.1	.0	.0	.0	.0
220.	.3	.0	.0	.1	.0	.0	.0	.0
225.	.2	.0	.0	.1	.1	.0	.0	.0
230.	.2	.0	.2	.1	.1	.0	.0	.0
235.	.2	.0	.2	.2	.1	.0	.0	.0
240.	.1	.1	.2	.3	.1	.0	.0	.0
245.	.1	.1	.3	.3	.3	.0	.0	.0
250.	.0	.1	.3	.3	.3	.0	.0	.0
255.	.0	.2	.2	.1	.4	.0	.0	.0
260.	.0	.2	.2	.1	.5	.0	.0	.0
265.	.0	.2	.2	.2	.5	.1	.0	.0
270.	.0	.2	.2	.2	.5	.1	.0	.0
275.	.0	.2	.1	.2	.6	.1	.0	.0
280.	.0	.2	.1	.3	.6	.1	.0	.0
285.	.0	.2	.1	.3	.6	.1	.0	.0
290.	.0	.2	.1	.4	.6	.1	.0	.0

S8NB30PM.OUT

```

295. * .0 .2 .1 .4 .5 .1 .0 .0
300. * .0 .2 .1 .4 .5 .1 .0 .0
305. * .0 .2 .1 .5 .5 .1 .1 .0
310. * .0 .2 .1 .5 .4 .2 .1 .0
315. * .0 .2 .1 .5 .4 .2 .1 .0
320. * .0 .2 .1 .5 .3 .1 .1 .0
325. * .0 .2 .1 .6 .3 .2 .1 .0
330. * .0 .2 .1 .6 .3 .2 .2 .1
335. * .0 .2 .1 .6 .3 .2 .2 .2
340. * .0 .2 .1 .5 .3 .2 .2 .3
345. * .0 .2 .1 .6 .4 .2 .2 .4
350. * .0 .2 .1 .7 .4 .2 .2 .5
355. * .0 .2 .1 .7 .4 .2 .2 .5
360. * .0 .2 .3 .7 .4 .1 .3 .5
-----
MAX * .3 .3 .5 .7 .6 .4 .4 .5
DEGR. * 65 25 30 0 120 75 35 0

```

THE HIGHEST CONCENTRATION IS .90 PPM AT 310 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 255 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 90 DEGREES FROM REC17 .

1

JOB: S8 NB30PM MD355&WAT MILL
 DATE: 12/18/2006 TIME: 10:57:24.85

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 310	REC2 310	REC3 255	REC4 175	REC5 280	REC6 280	REC7 265	REC8 240	REC9 200	REC10 170	REC11 240	REC12 220	REC13 185	REC14 150	REC15 105	REC16 100	REC17 90	REC18 0	REC19 110	REC20 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
7	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.1	.0	.0	.1	.1	.1	.0	.0	.1	.2	.2	.1	.4	.4	.4	.5	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.3	.2
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.1	.2	.1	.1	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 9

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 65	REC22 25	REC23 30	REC24 0	REC25 120	REC26 75	REC27 35	REC28 0
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.1	.0	.0	.0	.0	.0

1

JOB: S8 NB30PM MD355&WAT MILL
 DATE: 12/18/2006 TIME: 10:57:24.85

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 65	REC22 25	REC23 30	REC24 0	REC25 120	REC26 75	REC27 35	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .2 .1 .1 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .1 .1 .1 .1
7 * .0 .0 .0 .0 .1 .1 .1 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .1 .1 .1 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .2 .1 .1 .1
27 * .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .1 .0 .3 .5 .0 .0 .0 .0
32 * .0 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 NB30PM MD355&WAT MILL

RUN: S8 NB30PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 65 25 30 0 120 75 35 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .1 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .0 .0 .0 .0

```

S8B130AM.DAT											
S8	B130AM	MD355&WAT	MILL			60.0175.0	0.0000	0.000280	30.4800000	11	1
REC	1	SE	CORNER	250457.	543297.						
REC	2	164'	SE CORNER	250331.	543511.						
REC	3	82'	SE CORNER	250292.	543593.						
REC	4	SE	CORNER	250272.	543669.						
REC	5	82'	ES CORNER	250329.	543714.						
REC	6	164'	ES CORNER	250401.	543758.						
REC	7	400'	ES CORNER	250616.	543837.						
REC	8	400'	EN CORNER	250597.	543819.						
REC	9	164'	EN CORNER	250364.	543847.						
REC	10	82'	EN CORNER	250295.	543807.						
REC	11	NE	CORNER	250220.	543778.						
REC	12	82'	NE CORNER	250178.	543827.						
REC	13	164'	NE CORNE	250132.	543894.						
REC	14	NE	CORNER	249984.	544064.						
REC	15	400	NW CORNER	249775.	544043.						
REC	16	164'	NW CORNE	249973.	543875.						
REC	17	82'	NW CORNER	250035.	543804.						
REC	18	NW	CORNER	250097.	543708.						
REC	19	82'	WN CORNER	249972.	543647.						
REC	20	164'	WN CORNE	249904.	543605.						
REC	21	400'	WN CORNE	249700.	543483.						
REC	22	400'	WS CORNE	249797.	543347.						
REC	23	164'	WS CORNE	249977.	543495.						
REC	24	82'	WS CORNER	250051.	543546.						
REC	25	SW	CORNER	250146.	543588.						
REC	26	82'	SW CORNER	250185.	543483.						
REC	27	164'	SW CORNE	250222.	543405.						
REC	28	400'	SW CORNE	250344.	543195.						
S8	B130AM	MD355 & WAT	MILL			49	1	1			
1		NB	355 R	AG250263.543704.250248.543659.				75	2.9	0.32.	35.
0	1	NB	355 R	AG250248.543659.250293.543561.				75	2.9	0.32.	35.
2		NB	355 L	AG250204.543666.250269.543521.				450	2.9	0.44.	35.
100		NB	355 L	AG250224.543622.250254.543556.				0.	24.	2	
68				2.0 450 29.1 1717 3 1							
1		NB	355 T	AG250226.543672.250289.543527.				725	2.9	0.44.	35.
2		NB	355 T	AG250244.543629.250277.543555.				0.	24.	2	
100				2.0 725 29.1 1770 3 1							
1		NB	355	ALLAG250286.543521.250402.543298.				1250	2.9	0.56.	35.
0	1	NB	355	ALLAG250402.543298.250743.542840.				1250	2.9	0.56.	35.
4	1	NB	355 dp	AG250223.543681.250059.543939.				1000	2		

S8B130AM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	225	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	225	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	400	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
100			57 2.0 400 29.1 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	575	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
100			61 2.0 575 29.1 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	100	2.7	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	1075	2.7	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	1075	2.7	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	1075	2.7	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	1075	2.7	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	1075	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1200	2.7	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1200	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B130AM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:06.42

RUN: S8 B130AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	75.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	75.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	450.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250267.3	543526.8	*	105.	156. AG	106.	100.0	.0	24.0	.47 5.3
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	725.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250308.3	543484.7	*	158.	156. AG	103.	100.0	.0	24.0	.68 8.0
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1250.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1250.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1000.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1000.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1000.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250127.7	543777.6	*	28.	329. AG	125.	100.0	.0	24.0	.18 1.4
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	525.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250072.3	543822.3	*	93.	329. AG	185.	100.0	.0	36.0	.61 4.7
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	525.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	175.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	175.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	175.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	800.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	800.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	800.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1750.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1750.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1750.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	825.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	50.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250105.5	543595.5	*	16.	238. AG	137.	100.0	.0	24.0	.18 .8
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	175.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250075.1	543611.9	*	35.	239. AG	197.	100.0	.0	36.0	.29 1.8
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1050.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	225.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	225.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	225.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	225.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	225.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	400.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250393.2	543808.3	*	154.	59. AG	44.	100.0	.0	12.0	.58 7.8
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	575.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250350.9	543798.9	*	115.	60. AG	95.	100.0	.0	24.0	.46 5.8
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	100.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	1075.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	1075.	2.7	.0	56.0	

JOB: S8 B130AM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:06.42

RUN: S8 B130AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	1075.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	1075.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	1075.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1200.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1200.	2.7	.0	56.0	

JOB: S8 B130AM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:06.42

RUN: S8 B130AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 100	68	2.0	450	1717	29.10	3	1
6.	NB 355 T	* 100	66	2.0	725	1770	29.10	3	1
13. 0	SB 355 L	* 100	80	2.0	100	1717	29.10	3	1
16.	SB 355 T	* 100	79	2.0	525	1695	29.10	3	1
29.	EB WatM T	* 100	88	2.0	50	1770	29.10	3	1
31. 0	EB WatM L	* 100	84	2.0	175	1663	29.10	3	1
39.	WB WatM L	* 100	57	2.0	400	1770	29.10	3	1
41.	WB WatM T	* 100	61	2.0	575	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B130AM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0	.0
5.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0	.0
10.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0	.0
15.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.5	.0	.0
20.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0	.0
25.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.1	.0
30.	*	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.1	.0
35.	*	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.1	.1
40.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.1	.1
45.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1
50.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1
55.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1
60.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.1	.1
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.2	.1	.0	.1
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.3	.1	.1	.1
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.3	.1	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.4	.1	.1	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.1	.0	.4	.0	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.1	.0	.4	.0	.2	.1
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.1	.0	.4	.0	.3	.1
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.1	.0	.4	.2	.4	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.1	.1	.4	.2	.4	.1
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.1	.1	.5	.2	.3	.1
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.0	.1	.5	.2	.3	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0	.2	.4	.3	.3	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.2	.3	.4	.1	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.2	.3	.5	.1	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.0	.0	.0	.1	.3	.5	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0	.0	.0	.2	.2	.5	.1	.1
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0	.1	.0	.2	.2	.3	.1	.1
150.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.1	.2	.0	.0	.1	.3	.1	.1
155.	*	.1	.1	.2	.1	.0	.0	.0	.1	.1	.3	.1	.2	.1	.2	.0	.0	.1	.2	.1	.1
160.	*	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.1	.3	.2	.2	.0	.0	.0	.3	.1	.1
165.	*	.1	.2	.2	.1	.0	.0	.0	.1	.2	.3	.2	.3	.2	.2	.0	.0	.0	.3	.1	.1
170.	*	.2	.2	.4	.3	.0	.0	.0	.1	.2	.3	.3	.2	.3	.1	.0	.0	.0	.2	.1	.1
175.	*	.2	.1	.4	.4	.0	.0	.0	.1	.2	.4	.3	.2	.3	.1	.0	.0	.0	.2	.1	.1
180.	*	.2	.2	.6	.5	.1	.0	.0	.1	.2	.4	.4	.2	.2	.1	.0	.0	.0	.2	.1	.1
185.	*	.2	.2	.6	.5	.1	.0	.0	.1	.3	.4	.2	.2	.3	.1	.0	.0	.0	.3	.1	.1
190.	*	.2	.2	.6	.5	.1	.0	.0	.1	.3	.5	.2	.2	.3	.1	.0	.0	.0	.2	.1	.1
195.	*	.2	.2	.6	.6	.2	.0	.0	.1	.3	.5	.2	.1	.3	.1	.0	.0	.0	.2	.1	.1
200.	*	.2	.2	.6	.6	.3	.0	.0	.1	.3	.3	.2	.2	.3	.1	.0	.0	.0	.2	.1	.1
205.	*	.2	.3	.6	.6	.3	.1	.0	.1	.4	.4	.2	.3	.3	.1	.0	.0	.0	.2	.1	.2

1

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.6	.4	.3	.1	.0	.1	.3	.3	.2	.3	.3	.1	.0	.0	.0	.2	.1	.2
215.	*	.2	.3	.7	.4	.3	.1	.0	.2	.3	.1	.1	.3	.3	.1	.0	.0	.0	.1	.1	.2
220.	*	.2	.3	.7	.4	.3	.1	.0	.2	.2	.1	.1	.4	.2	.1	.0	.0	.0	.2	.1	.2
225.	*	.2	.3	.7	.4	.2	.0	.0	.2	.2	.1	.1	.4	.2	.1	.0	.0	.0	.2	.1	.1
230.	*	.2	.4	.7	.3	.1	.0	.0	.2	.1	.0	.1	.4	.2	.1	.0	.0	.0	.2	.1	.1
235.	*	.2	.4	.7	.2	.1	.0	.0	.2	.1	.0	.1	.3	.1	.1	.0	.0	.0	.2	.1	.1
240.	*	.2	.4	.7	.2	.0	.0	.0	.2	.1	.0	.2	.3	.1	.1	.0	.0	.0	.1	.1	.1
245.	*	.2	.4	.7	.2	.0	.0	.0	.2	.0	.1	.2	.3	.1	.1	.0	.0	.0	.1	.1	.1
250.	*	.2	.4	.7	.1	.0	.0	.0	.2	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.4	.7	.2	.0	.1	.0	.2	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.4	.7	.1	.0	.1	.0	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.5	.7	.1	.0	.2	.0	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.5	.7	.1	.0	.3	.0	.1	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.6	.7	.0	.1	.3	.0	.0	.0	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0
280.	*	.2	.6	.7	.0	.1	.3	.0	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.6	.6	.1	.2	.2	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0

S8B130AM.OUT

290.	*	.2	.6	.5	.2	.2	.2	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0
295.	*	.2	.5	.5	.2	.3	.2	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0
300.	*	.2	.6	.5	.2	.3	.2	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0
305.	*	.2	.6	.5	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0
310.	*	.2	.6	.4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0
315.	*	.2	.6	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0
320.	*	.2	.4	.4	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
325.	*	.2	.4	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0
330.	*	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
335.	*	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0
340.	*	.0	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0
345.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.0
350.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0
355.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0
360.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.0
MAX		.2	.6	.7	.6	.3	.3	.1	.2	.4	.5	.4	.4	.3	.2	.2	.2	.5	.5	.4
DEGR.		170	275	215	195	200	270	0	215	205	190	180	220	170	150	325	120	110	15	100
																			85	

1

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.1	.1	.3	.1	.2	.3
5.	.0	.1	.1	.2	.3	.1	.3	.2
10.	.0	.1	.1	.2	.2	.2	.3	.2
15.	.0	.1	.1	.2	.2	.2	.3	.1
20.	.0	.1	.2	.3	.2	.3	.3	.1
25.	.0	.1	.2	.3	.2	.3	.2	.1
30.	.0	.1	.2	.3	.2	.3	.2	.1
35.	.0	.1	.2	.2	.2	.3	.2	.1
40.	.0	.1	.2	.2	.3	.3	.2	.1
45.	.0	.1	.2	.3	.2	.3	.2	.1
50.	.0	.0	.3	.3	.2	.3	.1	.1
55.	.1	.0	.2	.2	.2	.3	.1	.2
60.	.1	.0	.2	.2	.2	.3	.2	.2
65.	.1	.0	.2	.2	.4	.3	.2	.2
70.	.1	.0	.2	.2	.4	.2	.2	.2
75.	.1	.0	.1	.4	.4	.2	.2	.2
80.	.1	.0	.1	.4	.4	.2	.2	.2
85.	.1	.0	.1	.4	.4	.2	.2	.2
90.	.1	.0	.1	.4	.4	.2	.2	.2
95.	.1	.0	.1	.3	.3	.1	.1	.2
100.	.1	.0	.1	.2	.3	.2	.1	.2
105.	.1	.0	.1	.2	.4	.2	.1	.2
110.	.1	.0	.1	.2	.4	.2	.1	.2
115.	.1	.0	.1	.2	.4	.2	.1	.2
120.	.1	.0	.1	.2	.4	.1	.1	.2
125.	.1	.0	.1	.2	.3	.1	.1	.2
130.	.1	.0	.1	.1	.2	.1	.2	.1
135.	.1	.0	.1	.1	.2	.1	.2	.1
140.	.1	.0	.1	.1	.2	.1	.2	.1
145.	.1	.0	.1	.1	.1	.1	.1	.1
150.	.1	.0	.1	.1	.1	.1	.1	.0
155.	.1	.0	.1	.1	.1	.0	.0	.0
160.	.1	.0	.1	.1	.1	.0	.0	.0
165.	.1	.0	.1	.1	.0	.0	.0	.0
170.	.1	.0	.1	.1	.0	.0	.0	.0
175.	.1	.0	.1	.1	.0	.0	.0	.0
180.	.1	.0	.1	.1	.0	.0	.0	.0
185.	.1	.0	.1	.1	.0	.0	.0	.0
190.	.2	.0	.1	.1	.0	.0	.0	.0
195.	.2	.0	.1	.1	.1	.0	.0	.0
200.	.2	.0	.1	.1	.0	.0	.0	.0
205.	.2	.0	.1	.1	.0	.0	.0	.0

1

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.1	.1	.1	.0	.0	.0
215.	.1	.0	.1	.1	.1	.0	.0	.0
220.	.1	.0	.1	.1	.1	.0	.0	.0
225.	.1	.0	.1	.1	.1	.0	.0	.0
230.	.1	.0	.2	.1	.1	.0	.0	.0
235.	.1	.0	.2	.1	.2	.0	.0	.0
240.	.1	.1	.2	.2	.2	.0	.0	.0
245.	.0	.1	.2	.2	.2	.0	.0	.0
250.	.0	.1	.2	.3	.2	.0	.0	.0
255.	.0	.1	.3	.2	.3	.0	.0	.0
260.	.0	.1	.3	.2	.3	.0	.0	.0
265.	.0	.1	.3	.2	.3	.0	.0	.0
270.	.0	.1	.2	.2	.4	.0	.0	.0
275.	.0	.1	.2	.1	.3	.0	.0	.0
280.	.0	.1	.2	.1	.3	.0	.0	.0
285.	.0	.1	.2	.1	.4	.0	.0	.0
290.	.0	.1	.2	.1	.5	.0	.0	.0

S8B130AM.OUT

```

295. * .0 .1 .2 .1 .5 .0 .0 .0
300. * .0 .1 .2 .1 .4 .0 .0 .0
305. * .0 .1 .2 .1 .4 .0 .0 .0
310. * .0 .1 .2 .1 .5 .0 .0 .0
315. * .0 .1 .2 .1 .5 .0 .0 .0
320. * .0 .1 .2 .0 .3 .1 .0 .0
325. * .0 .1 .2 .0 .3 .1 .0 .0
330. * .0 .1 .2 .0 .4 .1 .0 .1
335. * .0 .1 .2 .0 .3 .0 .1 .1
340. * .0 .1 .2 .0 .4 .2 .1 .1
345. * .0 .1 .2 .0 .4 .2 .1 .2
350. * .0 .1 .2 .0 .4 .2 .1 .2
355. * .0 .1 .1 .0 .3 .1 .2 .2
360. * .0 .1 .1 .1 .3 .1 .2 .3
-----
MAX * .2 .1 .3 .4 .5 .3 .3 .3
DEGR. * 190 0 50 75 290 20 5 0

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 215 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 275 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 195 DEGREES FROM REC4 .

1

PAGE 8

JOB: S8 B130AM MD355&WAT MILL
 DATE: 12/20/2006 TIME: 15:31:06.42

RUN: S8 B130AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 170	REC2 275	REC3 215	REC4 195	REC5 200	REC6 270	REC7 0	REC8 215	REC9 205	REC10 190	REC11 180	REC12 220	REC13 170	REC14 150	REC15 325	REC16 120	REC17 110	REC18 15	REC19 100	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.3	.3	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.4	.4	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC1 170	REC2 275	REC3 215	REC4 195	REC5 200	REC6 270	REC7 0	REC8 215
46	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 B130AM MD355&WAT MILL
 DATE: 12/20/2006 TIME: 15:31:06.42

RUN: S8 B130AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 190	REC22 0	REC23 50	REC24 75	REC25 290	REC26 20	REC27 5	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0

S8B130AM.OUT

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .1 .0 .1 .1 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .1 .0 .1 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .1 .0 .1 .1 .1
27 * .0 .0 .2 .1 .1 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .2 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .0 .2 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B130AM MD355&WAT MILL

RUN: S8 B130AM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 190 0 50 75 290 20 5 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .0 .0 .0 .0 .0
49 * .1 .0 .0 .0 .0 .0 .0 .0

```

S8B130PM.DAT

S8 B130PM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 B130PM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	550 2.9	0. 32.	35.
0	NB 355 R	AG250248.543659.250293.543561.	550 2.9	0. 32.	35.
1	NB 355 L	AG250204.543666.250269.543521.	1000 2.9	0. 44.	35.
2	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2	
120	72	2.0 1000 29.1 1717 3 1			
1	NB 355 T	AG250226.543672.250289.543527.	275 2.9	0. 44.	35.
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2	
120	65	2.0 275 29.1 1770 3 1			
1	NB 355 ALL	AG250286.543521.250402.543298.	1825 2.9	0. 56.	35.
0	NB 355 ALL	AG250402.543298.250743.542840.	1825 2.9	0. 56.	35.
1	NB 355 dp	AG250223.543681.250059.543939.	500 2.9	0. 56.	40.
4	NB 355 dp	AG250059.543939.249911.544075.	500 2.9	0. 56.	40.
5	NB 355 dp	AG249911.544075.249446.544336.	500 2.9	0. 56.	40.
1	NB 355 dp	AG249911.544075.249446.544336.	500 2.9	0. 56.	40.
6	NB 355 dp	AG249911.544075.249446.544336.	500 2.9	0. 56.	40.
1	SB 355 L	AG250171.543705.250085.543850.	100 2.9	0. 44.	35.
2	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2	
0	120	98 2.0 100 29.1 1717 3 1			
1	SB 355 L	AG250086.543850.250036.543912.	100 2.9	0. 44.	35.
0	SB 355 T	AG250148.543694.250065.543836.	650 2.9	0. 56.	35.
1	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3	
120	91	2.0 650 29.1 1695 3 1			
1	SB 355 T	AG250065.543836.250020.543901.	650 2.9	0. 56.	35.
0	SB 355 R	AG250108.543676.250116.543718.	200 2.9	0. 32.	35.
1	SB 355 R	AG250116.543718.250064.543807.	200 2.9	0. 32.	35.
0	SB 355 R	AG250064.543807.250001.543885.	200 2.9	0. 32.	35.
1	SB 355 ALL	AG250016.543901.249875.544028.	950 2.9	0. 68.	35.
0	SB 355 ALL	AG249875.544028.249749.544101.	950 2.9	0. 68.	35.
1	SB 355 ALL	AG249749.544101.249402.544275.	950 2.9	0. 56.	35.
0	SB 355 Dp	AG250680.542801.250525.543011.	1525 2.9	0. 56.	35.
1	SB 355 Dp	AG250525.543011.250334.543301.	1525 2.9	0. 56.	35.
0	SB 355 Dp	AG250334.543301.250141.543692.	1525 2.9	0. 56.	35.
1	EB WatM R	AG250177.543611.249923.543464.	750 2.7	0. 32.	35.
0	EB WatM T	AG250203.543653.249917.543479.	250 2.7	0. 44.	35.
2	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2	
120	100	2.0 250 29.1 1770 3 1			
1	EB WatM L	AG250189.543681.249921.543519.	150 2.7	0. 56.	35.
2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3	
0	120	105 2.0 150 29.1 1663 3 1			
1	EB WatM ALL	AG249913.543489.249354.543146.	1150 2.7	0. 92.	35.
1	EB WATMdp	AG250193.543672.250354.543752.	900 2.7	0. 68.	35.
1	EB WATMdp	AG250354.543752.250503.543838.	900 2.7	0. 68.	35.
1	EB WATMdp	AG250503.543838.250636.543867.	900 2.7	0. 68.	35.

S8B130PM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	900	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	900	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	125	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
120			95 2.0 125 29.1 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	500	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
120			90 2.0 500 29.1 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	75	2.7	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	700	2.7	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	700	2.7	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	700	2.7	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	700	2.7	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	700	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1700	2.7	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1700	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B130PM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:28.94

RUN: S8 B130PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	550.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	550.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	1000.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250328.6	543392.0	*	253.	156. AG	94.	100.0	.0	24.0	.79 12.8
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	275.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250264.6	543582.7	*	51.	156. AG	85.	100.0	.0	24.0	.18 2.6
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1825.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1825.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	500.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	500.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	500.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250124.3	543783.2	*	34.	329. AG	127.	100.0	.0	24.0	.19 1.7
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	650.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250053.7	543853.5	*	130.	329. AG	178.	100.0	.0	36.0	.61 6.6
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	650.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	200.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	200.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	200.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	950.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	950.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	950.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1525.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1525.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1525.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	750.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	250.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250039.2	543554.0	*	94.	238. AG	130.	100.0	.0	24.0	.53 4.8
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	150.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250072.0	543610.0	*	39.	239. AG	205.	100.0	.0	36.0	.33 2.0
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1150.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	900.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	900.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	900.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	900.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	900.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	125.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250333.8	543773.1	*	85.	59. AG	62.	100.0	.0	12.0	.40 4.3
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	500.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250381.9	543817.1	*	151.	60. AG	117.	100.0	.0	24.0	.65 7.6
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	75.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	700.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	700.	2.7	.0	56.0	

JOB: S8 B130PM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:28.94

RUN: S8 B130PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	700.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	700.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	700.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1700.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1700.	2.7	.0	56.0	

JOB: S8 B130PM MD355&WAT MILL
DATE: 12/20/2006 TIME: 15:31:28.94

RUN: S8 B130PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 120	72	2.0	1000	1717	29.10	3	1
6.	NB 355 T	* 120	65	2.0	275	1770	29.10	3	1
13. 0	SB 355 L	* 120	98	2.0	100	1717	29.10	3	1
16.	SB 355 T	* 120	91	2.0	650	1695	29.10	3	1
29.	EB WatM T	* 120	100	2.0	250	1770	29.10	3	1
31. 0	EB WatM L	* 120	105	2.0	150	1663	29.10	3	1
39.	WB WatM L	* 120	95	2.0	125	1770	29.10	3	1
41.	WB WatM T	* 120	90	2.0	500	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B130PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B130PM MD355&WAT MILL

RUN: S8 B130PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0
5.	*	.0	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.0	.0
10.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.0	.0
15.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
20.	*	.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
25.	*	.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
30.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.1
35.	*	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.1
40.	*	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1
45.	*	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
50.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
55.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.1	.1	.1
60.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.2	.1	.2
65.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.1
70.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.2
75.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.2
80.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.0	.0	.1	.0	.4	.1	.1	.3
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.1	.0	.4	.1	.3	.3
90.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	.1	.1	.6	.1	.3	.3
95.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.3	.1	.0	.0	.1	.1	.6	.1	.3	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.1	.7	.1	.4	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.2	.6	.2	.4	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.1	.2	.6	.2	.5	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.1	.2	.6	.2	.5	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.0	.3	.6	.3	.4	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.1	.3	.4	.3	.2	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	.1	.2	.3	.3	.2	.1
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.4	.1	.1	.1	.0	.0	.2	.4	.4	.2	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.4	.1	.1	.0	.0	.0	.1	.3	.4	.2	.1
145.	*	.1	.2	.0	.0	.0	.0	.0	.1	.2	.4	.1	.0	.0	.1	.0	.1	.3	.4	.2	.1
150.	*	.2	.2	.1	.0	.0	.0	.0	.1	.2	.4	.1	.0	.0	.1	.0	.1	.1	.3	.1	.1
155.	*	.2	.2	.1	.1	.0	.0	.0	.1	.3	.4	.1	.1	.0	.1	.0	.0	.1	.2	.1	.1
160.	*	.2	.3	.2	.2	.0	.0	.0	.1	.3	.4	.1	.1	.1	.1	.0	.0	.1	.3	.1	.1
165.	*	.2	.2	.2	.2	.0	.0	.0	.2	.3	.4	.1	.2	.2	.1	.0	.0	.2	.4	.1	.1
170.	*	.3	.3	.2	.2	.0	.0	.0	.2	.3	.4	.2	.2	.3	.1	.0	.0	.2	.3	.1	.1
175.	*	.3	.3	.5	.5	.0	.0	.0	.2	.4	.5	.2	.2	.3	.0	.0	.0	.1	.3	.1	.1
180.	*	.3	.3	.5	.5	.2	.0	.0	.2	.3	.5	.2	.1	.3	.0	.0	.0	.0	.4	.1	.1
185.	*	.3	.4	.5	.5	.1	.0	.0	.2	.3	.5	.2	.1	.2	.0	.0	.0	.0	.4	.1	.1
190.	*	.3	.4	.5	.5	.1	.0	.0	.2	.3	.5	.1	.0	.2	.0	.0	.0	.0	.4	.1	.1
195.	*	.2	.5	.4	.6	.1	.0	.0	.2	.4	.5	.1	.0	.2	.0	.0	.0	.0	.3	.2	.2
200.	*	.2	.5	.4	.6	.1	.1	.0	.2	.4	.3	.1	.1	.2	.0	.0	.0	.1	.3	.2	.3
205.	*	.2	.5	.5	.5	.1	.1	.0	.2	.3	.2	.1	.3	.2	.0	.0	.0	.1	.3	.2	.3

1

JOB: S8 B130PM MD355&WAT MILL

RUN: S8 B130PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.5	.5	.4	.1	.1	.0	.2	.4	.2	.1	.2	.2	.0	.0	.0	.1	.2	.2	.3
215.	*	.2	.5	.5	.4	.1	.1	.0	.2	.4	.2	.2	.2	.2	.0	.0	.0	.1	.2	.2	.3
220.	*	.2	.5	.5	.4	.1	.1	.0	.1	.4	.1	.3	.3	.2	.0	.0	.0	.1	.2	.3	.3
225.	*	.2	.4	.5	.3	.1	.1	.0	.0	.2	.1	.1	.4	.2	.0	.0	.0	.1	.2	.3	.3
230.	*	.2	.4	.5	.3	.1	.1	.0	.0	.2	.1	.2	.4	.2	.0	.0	.0	.0	.2	.2	.2
235.	*	.2	.5	.5	.3	.1	.1	.0	.1	.1	.0	.2	.4	.2	.0	.0	.0	.0	.2	.2	.2
240.	*	.2	.5	.6	.3	.1	.2	.0	.2	.1	.0	.2	.3	.1	.0	.0	.0	.0	.2	.1	.1
245.	*	.2	.5	.6	.4	.1	.2	.1	.2	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.6	.4	.1	.2	.1	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1
255.	*	.2	.4	.6	.4	.1	.3	.2	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.4	.8	.3	.1	.4	.2	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.4	.8	.3	.1	.5	.2	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.4	.8	.3	.1	.5	.1	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.4	.9	.3	.2	.5	.1	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.4	.7	.3	.3	.5	.1	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.3	.4	.6	.3	.4	.4	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0

1

RUN: S8 B130PM MD355 & WAT MILL

PAGE 6

.....

WIND ANGLE RANGE: 0.-360.

0.	*	.0	.2	.2	.8	.4	.1	.2	.4
5.	*	.0	.2	.2	.8	.4	.1	.2	.2
10.	*	.0	.2	.2	.8	.4	.1	.2	.2
15.	*	.0	.2	.2	1.0	.2	.2	.2	.2
20.	*	.0	.2	.2	1.0	.2	.2	.2	.2
25.	*	.0	.2	.2	1.0	.2	.2	.2	.2
30.	*	.0	.2	.4	.9	.2	.2	.2	.1
35.	*	.0	.1	.3	.9	.3	.2	.3	.2
40.	*	.0	.1	.3	.9	.3	.2	.3	.2
45.	*	.0	.1	.3	.8	.3	.2	.3	.2
50.	*	.0	.0	.3	.8	.3	.2	.3	.2
55.	*	.1	.0	.2	.7	.2	.2	.3	.2
60.	*	.1	.0	.3	.6	.2	.2	.3	.2
65.	*	.1	.0	.2	.5	.3	.2	.3	.2
70.	*	.2	.0	.2	.4	.3	.2	.3	.2
75.	*	.2	.0	.1	.5	.4	.2	.3	.2
80.	*	.2	.0	.2	.4	.4	.3	.3	.2
85.	*	.2	.0	.2	.4	.4	.3	.3	.2
90.	*	.2	.0	.2	.4	.2	.3	.3	.2
95.	*	.2	.0	.1	.3	.2	.3	.3	.2
100.	*	.2	.0	.1	.3	.2	.3	.3	.2
105.	*	.2	.0	.1	.3	.2	.3	.2	.2
110.	*	.2	.0	.1	.3	.2	.3	.2	.2
115.	*	.2	.0	.1	.3	.2	.3	.2	.2
120.	*	.2	.0	.0	.2	.3	.3	.2	.2
125.	*	.2	.0	.0	.1	.4	.3	.2	.2
130.	*	.2	.0	.0	.1	.4	.2	.3	.2
135.	*	.2	.0	.0	.1	.4	.2	.3	.1
140.	*	.2	.0	.0	.1	.3	.2	.3	.1
145.	*	.2	.0	.0	.1	.1	.1	.1	.1
150.	*	.2	.0	.0	.1	.1	.0	.0	.0
155.	*	.2	.0	.0	.1	.1	.0	.0	.0
160.	*	.2	.0	.0	.1	.0	.0	.0	.0
165.	*	.2	.0	.0	.1	.0	.0	.0	.0
170.	*	.2	.0	.0	.1	.0	.0	.0	.0
175.	*	.2	.0	.0	.1	.0	.0	.0	.0
180.	*	.2	.0	.0	.1	.0	.0	.0	.0
185.	*	.2	.0	.1	.1	.0	.0	.0	.0
190.	*	.2	.0	.1	.1	.0	.0	.0	.0
195.	*	.2	.0	.1	.1	.0	.0	.0	.0
200.	*	.3	.0	.1	.1	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

RUN: S8 B130PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

210.	*	.3	.0	.1	.1	.1	.0	.0	.0
215.	*	.3	.0	.1	.1	.1	.0	.0	.0
220.	*	.2	.0	.1	.1	.1	.0	.0	.0
225.	*	.2	.0	.1	.1	.1	.0	.0	.0
230.	*	.2	.0	.2	.1	.1	.0	.0	.0
235.	*	.1	.0	.2	.2	.2	.0	.0	.0
240.	*	.1	.1	.2	.2	.2	.0	.0	.0
245.	*	.1	.1	.3	.4	.5	.0	.0	.0
250.	*	.0	.1	.3	.4	.4	.0	.0	.0
255.	*	.0	.1	.3	.3	.5	.0	.0	.0
260.	*	.0	.2	.3	.3	.5	.0	.0	.0
265.	*	.0	.2	.3	.3	.5	.0	.0	.0
270.	*	.0	.2	.3	.2	.6	.0	.0	.0
275.	*	.0	.2	.2	.2	.6	.0	.0	.0
280.	*	.0	.2	.2	.2	.7	.0	.0	.0
285.	*	.0	.2	.2	.3	.6	.0	.0	.0
290.	*	.0	.2	.2	.3	.5	.0	.0	.0

S8B130PM.OUT

295.	*	.0	.2	.2	.3	.6	.1	.0	.0
300.	*	.0	.2	.2	.3	.7	.1	.0	.0
305.	*	.0	.2	.1	.4	.5	.1	.0	.0
310.	*	.0	.2	.1	.4	.5	.1	.0	.0
315.	*	.0	.2	.1	.4	.5	.2	.1	.0
320.	*	.0	.2	.1	.5	.5	.2	.1	.0
325.	*	.0	.2	.1	.5	.4	.2	.1	.0
330.	*	.0	.2	.1	.5	.4	.2	.0	.1
335.	*	.0	.2	.1	.5	.3	.2	.0	.1
340.	*	.0	.2	.1	.5	.3	.2	.2	.2
345.	*	.0	.2	.1	.5	.4	.2	.2	.3
350.	*	.0	.2	.1	.6	.4	.2	.1	.4
355.	*	.0	.2	.1	.7	.4	.1	.2	.4
360.	*	.0	.2	.2	.8	.4	.1	.2	.4
MAX	*	.3	.2	.4	1.1	.7	.3	.3	.4
DEGR.	*	200	0	30	35	280	80	35	0

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 35 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 275 DEGREES FROM REC3.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 100 DEGREES FROM REC17.

1

PAGE 8

JOB: S8 B130PM MD355&WAT MILL
 DATE: 12/20/2006 TIME: 15:31:28.94

RUN: S8 B130PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 170	REC2 195	REC3 275	REC4 195	REC5 305	REC6 265	REC7 40	REC8 95	REC9 175	REC10 175	REC11 95	REC12 225	REC13 170	REC14 145	REC15 325	REC16 120	REC17 100	REC18 0	REC19 110	REC20 80
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
16	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.1	.0	.3	.4	.5	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.2	.1	.0	.0	.3	.3	.2	.0	.0	.0	.0	.1	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 9

JOB: S8 B130PM MD355&WAT MILL

RUN: S8 B130PM MD355 & WAT MILL

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC1 170	REC2 195	REC3 275	REC4 195	REC5 305	REC6 265	REC7 40	REC8 95
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.1

1

PAGE 10

JOB: S8 B130PM MD355&WAT MILL
 DATE: 12/20/2006 TIME: 15:31:28.94

RUN: S8 B130PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 200	REC22 0	REC23 30	REC24 35	REC25 280	REC26 80	REC27 35	REC28 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .1 .1 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .1 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .1 .1 .1 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .1 .7 .3 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .2 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .0 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B130PM MD355&WAT MILL

RUN: S8 B130PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 200 0 30 35 280 80 35 0
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .1 .0 .0 .0

```

S8 B230AM MD355&WAT MILL				60.0175.0.0000.000280.30480000				S8B230AM.DAT			
								11 1			
REC 1	SE CORNER	250457.	543297.	5.							
REC 2	164' SE CORNER	250331.	543511.	5.							
REC 3	82' SE CORNER	250292.	543593.	5.							
REC 4	SE CORNER	250272.	543669.	5.							
REC 5	82' ES CORNER	250329.	543714.	5.							
REC 6	164' ES CORNER	250401.	543758.	5.							
REC 7	400' ES CORNER	250616.	543837.	5.							
REC 8	400' EN CORNER	250597.	543919.	5.							
REC 9	164' EN CORNER	250364.	543847.	5.							
REC 10	82' EN CORNER	250295.	543807.	5.							
REC 11	NE CORNER	250220.	543778.	5.							
REC 12	82' NE CORNER	250178.	543827.	5.							
REC 13	164' NE CORNE	250132.	543894.	5.							
REC 14	NE CORNER	249984.	544064.	5.							
REC 15	400' NW CORNER	249775.	544043.	5.							
REC 16	164' NW CORNE	249973.	543875.	5.							
REC 17	82' NW CORNER	250035.	543804.	5.							
REC 18	NW CORNER	250097.	543708.	5.							
REC 19	82' WN CORNER	249972.	543647.	5.							
REC 20	164' WN CORNE	249904.	543605.	5.							
REC 21	400' WN CORNE	249700.	543483.	5.							
REC 22	400' WS CORNE	249797.	543347.	5.							
REC 23	164' WS CORNE	249977.	543495.	5.							
REC 24	82' WS CORNER	250051.	543546.	5.							
REC 25	SW CORNER	250146.	543588.	5.							
REC 26	82' SW CORNER	250185.	543483.	5.							
REC 27	164' SW CORNE	250222.	543405.	5.							
REC 28	400' SW CORNE	250344.	543195.	5.							
S8 B230AM MD355 & WAT MILL				49 1 1							
1											
1	NB 355 R	AG250263.543704.250248.543659.	75 2.9 0. 32. 35.								
0	1	NB 355 R	AG250248.543659.250293.543561.	75 2.9 0. 32. 35.							
2		NB 355 L	AG250204.543666.250269.543521.	400 2.9 0. 44. 35.							
110	1	NB 355 L	AG250224.543622.250254.543556.	0. 24. 2							
	77	2.0 400 29.1 1717 3 1									
1		NB 355 T	AG250226.543672.250289.543527.	775 2.9 0. 44. 35.							
2		NB 355 T	AG250244.543629.250277.543555.	0. 24. 2							
110	74	2.0 775 29.1 1770 3 1									
1		NB 355 ALL	AG250286.543521.250402.543298.	1250 2.9 0. 56. 35.							
0	1	NB 355 ALL	AG250402.543298.250743.542840.	1250 2.9 0. 56. 35.							
4	1	NB 355 dp	AG250223.543681.250059.543939.	1050 2.9 0. 56. 40.							
5	1	NB 355 dp	AG250059.543939.249911.544075.	1050 2.9 0. 56. 40.							
6	1	NB 355 dp	AG249911.544075.249446.544336.	1050 2.9 0. 56. 40.							
2		SB 355 L	AG250171.543705.250085.543850.	100 2.9 0. 44. 35.							
0	110	SB 355 L	AG250142.543754.250093.543835.	0. 24. 2							
	78	2.0 100 29.1 1717 3 1									
0	1	SB 355 L	AG250086.543850.250036.543912.	100 2.9 0. 44. 35.							
1		SB 355 T	AG250148.543694.250065.543836.	675 2.9 0. 56. 35.							
2		SB 355 T	AG250120.543742.250073.543821.	0. 36. 3							
110	84	2.0 675 29.1 1695 3 1									
0	1	SB 355 T	AG250065.543836.250020.543901.	675 2.9 0. 56. 35.							
0	1	SB 355 R	AG250108.543676.250116.543718.	175 2.9 0. 32. 35.							
0	1	SB 355 R	AG250116.543718.250064.543807.	175 2.9 0. 32. 35.							
0	1	SB 355 R	AG250064.543807.250001.543885.	175 2.9 0. 32. 35.							
0	1	SB 355 ALL	AG250016.543901.249875.544028.	950 2.9 0. 68. 35.							
0	1	SB 355 ALL	AG249875.544028.249749.544101.	950 2.9 0. 68. 35.							
0	1	SB 355 ALL	AG249749.544101.249402.544275.	950 2.9 0. 56. 35.							
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1775 2.9 0. 56. 35.							
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1775 2.9 0. 56. 35.							
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1775 2.9 0. 56. 35.							
0	1	EB WatM R	AG250177.543611.249923.543464.	950 2.7 0. 32. 35.							
2		EB WatM T	AG250203.543653.249917.543479.	75 2.7 0. 44. 35.							
110	97	EB WatM T	AG250119.543604.249996.543527.	0. 24. 2							
	75	2.0 75 29.1 1770 3 1									
1		EB WatM L	AG250189.543681.249921.543519.	175 2.7 0. 56. 35.							
0	2	EB WatM L	AG250105.543630.249976.543552.	0. 36. 3							
110	95	2.0 175 29.1 1663 3 1									
1		EB WatM ALL	AG249913.543489.249354.543146.	950 2.7 0. 92. 35.							
1		EB WATMdp	AG250193.543672.250354.543752.	250 2.7 0. 68. 35.							
1		EB WATMdp	AG250354.543752.250503.543838.	250 2.7 0. 68. 35.							
1		EB WATMdp	AG250503.543838.250636.543867.	250 2.7 0. 68. 35.							

S8B230AM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	250	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	250	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	400	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
110			64 2.0 400 29.1 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	625	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
110			67 2.0 625 29.1 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	100	2.7	0.	32.	35.
1	WB	WatMAll	AG250347.543798.250468.543862.	1125	2.7	0.	56.	35.
0	WB	WatMAll	AG250468.543862.250574.543895.	1125	2.7	0.	56.	35.
0	WB	WatMAll	AG250574.543895.250801.543921.	1125	2.7	0.	56.	35.
0	WB	WatMAll	AG250801.543921.251016.543938.	1125	2.7	0.	56.	35.
0	WB	WatMAll	AG251016.543938.251159.543968.	1125	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1200	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72	1200	2.7	0.	56.	35.

JOB: S8 B230AM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:12.68

RUN: S8 B230AM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	75.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	75.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	400.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250267.7	543526.0	*	105.	156. AG	109.	100.0	.0	24.0	.44 5.4
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	775.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250325.2	543446.8	*	200.	156. AG	105.	100.0	.0	24.0	.75 10.1
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1250.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1250.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	1050.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	1050.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	1050.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250129.1	543775.4	*	25.	329. AG	111.	100.0	.0	24.0	.11 1.3
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	675.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250054.0	543852.9	*	129.	329. AG	179.	100.0	.0	36.0	.66 6.6
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	675.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	175.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	175.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	175.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	950.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	950.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	950.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1775.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1775.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1775.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	950.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	75.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250096.8	543590.1	*	26.	238. AG	138.	100.0	.0	24.0	.26 1.3
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	175.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250070.4	543609.1	*	40.	239. AG	202.	100.0	.0	36.0	.35 2.1
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	950.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	250.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	250.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	250.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	250.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	250.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	400.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250411.0	543818.9	*	174.	59. AG	45.	100.0	.0	12.0	.59 8.9
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	625.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250371.4	543810.9	*	138.	60. AG	95.	100.0	.0	24.0	.50 7.0
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	100.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	1125.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	1125.	2.7	.0	56.0	

JOB: S8 B230AM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:12.68

RUN: S8 B230AM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	1125.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	1125.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	1125.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1200.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1200.	2.7	.0	56.0	

JOB: S8 B230AM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:12.68

RUN: S8 B230AM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 110	77	2.0	400	1717	29.10	3	1
6.	NB 355 T	* 110	74	2.0	775	1770	29.10	3	1
13. 0	SB 355 L	* 110	78	2.0	100	1717	29.10	3	1
16.	SB 355 T	* 110	84	2.0	675	1695	29.10	3	1
29.	EB WatM T	* 110	97	2.0	75	1770	29.10	3	1
31. 0	EB WatM L	* 110	95	2.0	175	1663	29.10	3	1
39.	WB WatM L	* 110	64	2.0	400	1770	29.10	3	1
41.	WB WatM T	* 110	67	2.0	625	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B230AM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400'	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0
5.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.0	.0
10.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.0	.0
15.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.1	.0
20.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
25.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
30.	*	.0	.0	.0	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.1
35.	*	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.1	.1
40.	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1
45.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
50.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
55.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.1	.1	.1
60.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.1	.1	.1
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.0	.1
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.1
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.1	.0	.4	.2	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.1	.0	.4	.2	.1	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.1	.0	.5	.0	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.0	.0	.0	.1	.1	.5	.0	.2	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.3	.1	.0	.0	.1	.1	.5	.0	.3	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.1	.6	.2	.4	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.2	.6	.2	.4	.1
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.2	.5	.2	.4	.1
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.0	.0	.1	.2	.5	.3	.3	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.0	.3	.5	.4	.3	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.1	.3	.4	.4	.2	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.1	.2	.3	.5	.1	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.2	.4	.5	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.2	.3	.5	.1	.1
145.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.0	.0	.2	.0	.2	.2	.4	.1	.1
150.	*	.1	.1	.1	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.2	.0	.1	.1	.3	.1	.1
155.	*	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.1	.2	.1	.2	.0	.0	.1	.2	.1	.1
160.	*	.1	.1	.2	.1	.0	.0	.0	.1	.3	.3	.1	.3	.2	.2	.0	.0	.1	.3	.1	.1
165.	*	.1	.2	.3	.2	.0	.0	.0	.1	.3	.3	.2	.3	.2	.2	.0	.0	.1	.3	.1	.1
170.	*	.2	.3	.4	.3	.0	.0	.0	.1	.3	.3	.3	.3	.3	.2	.0	.0	.1	.2	.1	.1
175.	*	.2	.2	.5	.4	.0	.0	.0	.1	.3	.4	.3	.2	.3	.1	.0	.0	.0	.3	.1	.1
180.	*	.2	.3	.6	.5	.1	.0	.0	.1	.4	.4	.4	.2	.2	.1	.0	.0	.0	.3	.1	.1
185.	*	.2	.4	.6	.5	.1	.0	.0	.1	.4	.4	.2	.2	.3	.1	.0	.0	.0	.3	.1	.1
190.	*	.2	.4	.6	.5	.1	.0	.0	.1	.5	.7	.2	.2	.3	.1	.0	.0	.0	.3	.1	.1
195.	*	.2	.4	.6	.6	.2	.0	.0	.1	.5	.7	.2	.1	.3	.1	.0	.0	.0	.3	.1	.1
200.	*	.2	.4	.6	.6	.3	.1	.0	.1	.5	.4	.2	.1	.3	.1	.0	.0	.0	.2	.1	.1
205.	*	.2	.4	.6	.6	.3	.1	.0	.1	.4	.4	.2	.3	.3	.1	.0	.0	.0	.2	.1	.1

1

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.5	.7	.4	.3	.1	.0	.1	.3	.3	.2	.3	.3	.1	.0	.0	.0	.2	.1	.1
215.	*	.2	.5	.7	.4	.3	.1	.0	.2	.3	.2	.2	.3	.3	.1	.0	.0	.0	.1	.1	.2
220.	*	.2	.5	.7	.4	.3	.1	.0	.2	.2	.1	.2	.4	.3	.1	.0	.0	.0	.2	.1	.1
225.	*	.2	.5	.7	.4	.2	.1	.0	.2	.2	.1	.1	.4	.3	.1	.0	.0	.0	.2	.1	.1
230.	*	.2	.5	.7	.3	.1	.0	.0	.2	.1	.0	.1	.3	.3	.1	.0	.0	.0	.2	.1	.1
235.	*	.2	.5	.7	.2	.1	.0	.0	.2	.1	.0	.1	.3	.3	.1	.0	.0	.0	.2	.1	.1
240.	*	.2	.5	.7	.2	.1	.0	.0	.2	.1	.0	.2	.3	.2	.1	.0	.0	.0	.1	.1	.1
245.	*	.2	.5	.7	.2	.0	.0	.0	.2	.1	.1	.2	.3	.2	.1	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.7	.3	.0	.0	.0	.2	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.5	.7	.2	.0	.1	.0	.2	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.5	.7	.2	.0	.1	.0	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.5	.7	.1	.0	.3	.0	.2	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.5	.7	.1	.0	.3	.0	.1	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.6	.8	.1	.1	.3	.0	.0	.0	.1	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
280.	*	.2	.6	.8	.0	.1	.4	.0	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
285.	*	.2	.6	.6	.1	.2	.4	.0	.0	.0	.1	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0

S8B230AM.OUT

290.	*	.2	.6	.6	.2	.2	.3	.0	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	
295.	*	.2	.6	.5	.2	.3	.3	.1	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	
300.	*	.2	.6	.6	.2	.3	.3	.1	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	
305.	*	.2	.7	.5	.2	.3	.2	.1	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	
310.	*	.2	.7	.4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	
315.	*	.3	.7	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	
320.	*	.3	.5	.4	.2	.2	.3	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	
325.	*	.2	.5	.4	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0	
330.	*	.2	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0	
335.	*	.1	.1	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0	
340.	*	.0	.1	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.3	.0	
345.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.5	.0	
350.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.5	.0	
355.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	
360.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	
MAX		.3	.7	.8	.6	.3	.4	.1	.2	.5	.7	.4	.4	.3	.2	.3	.3	.6	.6	.4	.2
DEGR.		315	305	275	195	200	280	0	95	190	190	180	220	170	145	325	120	100	0	100	80

1

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.1	.2	.3	.1	.2	.3
5.	.0	.1	.1	.2	.3	.1	.3	.2
10.	.0	.1	.2	.2	.2	.2	.3	.2
15.	.0	.1	.2	.3	.2	.2	.3	.1
20.	.0	.1	.2	.4	.2	.3	.3	.1
25.	.0	.1	.2	.3	.2	.3	.3	.1
30.	.0	.1	.3	.4	.2	.3	.2	.1
35.	.0	.1	.2	.4	.3	.3	.2	.1
40.	.0	.1	.2	.3	.3	.3	.2	.1
45.	.0	.0	.3	.4	.3	.3	.2	.1
50.	.0	.0	.3	.4	.2	.3	.2	.1
55.	.1	.0	.2	.5	.2	.3	.2	.2
60.	.1	.0	.2	.4	.2	.3	.3	.2
65.	.1	.0	.2	.4	.4	.3	.3	.2
70.	.1	.0	.2	.3	.4	.2	.3	.2
75.	.1	.0	.2	.5	.4	.2	.2	.2
80.	.1	.0	.1	.5	.4	.2	.2	.2
85.	.1	.0	.1	.4	.4	.2	.2	.2
90.	.1	.0	.1	.4	.4	.2	.2	.2
95.	.1	.0	.1	.3	.4	.2	.1	.2
100.	.1	.0	.1	.3	.4	.3	.1	.2
105.	.1	.0	.1	.3	.5	.3	.1	.2
110.	.1	.0	.1	.2	.4	.2	.1	.2
115.	.1	.0	.1	.2	.4	.2	.1	.2
120.	.1	.0	.1	.2	.4	.1	.1	.2
125.	.1	.0	.1	.2	.3	.1	.1	.2
130.	.1	.0	.1	.1	.3	.1	.2	.1
135.	.1	.0	.1	.1	.2	.1	.2	.1
140.	.1	.0	.1	.1	.2	.2	.2	.1
145.	.1	.0	.1	.1	.2	.2	.1	.1
150.	.1	.0	.1	.1	.1	.1	.1	.0
155.	.1	.0	.1	.1	.1	.0	.0	.0
160.	.1	.0	.1	.1	.1	.0	.0	.0
165.	.1	.0	.1	.1	.0	.0	.0	.0
170.	.1	.0	.1	.1	.0	.0	.0	.0
175.	.1	.0	.1	.1	.0	.0	.0	.0
180.	.1	.0	.1	.1	.0	.0	.0	.0
185.	.1	.0	.1	.1	.0	.0	.0	.0
190.	.1	.0	.1	.1	.1	.0	.0	.0
195.	.1	.0	.1	.1	.1	.0	.0	.0
200.	.1	.0	.1	.1	.1	.0	.0	.0
205.	.1	.0	.1	.1	.1	.0	.0	.0

1

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.1	.1	.1	.0	.0	.0
215.	.1	.0	.1	.2	.1	.0	.0	.0
220.	.1	.0	.1	.2	.1	.0	.0	.0
225.	.1	.0	.1	.2	.1	.0	.0	.0
230.	.1	.0	.2	.2	.2	.0	.0	.0
235.	.1	.0	.2	.2	.2	.0	.0	.0
240.	.1	.0	.2	.3	.2	.0	.0	.0
245.	.0	.1	.2	.3	.2	.0	.0	.0
250.	.0	.1	.2	.2	.3	.0	.0	.0
255.	.0	.1	.3	.2	.4	.0	.0	.0
260.	.0	.1	.3	.2	.4	.0	.0	.0
265.	.0	.1	.3	.2	.4	.0	.0	.0
270.	.0	.1	.2	.2	.5	.0	.0	.0
275.	.0	.1	.2	.1	.4	.0	.0	.0
280.	.0	.1	.2	.1	.5	.0	.0	.0
285.	.0	.1	.2	.1	.5	.0	.0	.0
290.	.0	.1	.2	.1	.5	.0	.0	.0

S8B230AM.OUT

295.	*	.0	.1	.2	.1	.5	.0	.0	.0
300.	*	.0	.1	.2	.1	.6	.0	.0	.0
305.	*	.0	.1	.2	.1	.4	.0	.0	.0
310.	*	.0	.1	.2	.1	.5	.0	.0	.0
315.	*	.0	.1	.2	.1	.5	.1	.0	.0
320.	*	.0	.1	.2	.0	.4	.1	.0	.0
325.	*	.0	.1	.2	.0	.4	.1	.0	.0
330.	*	.0	.1	.2	.0	.4	.1	.0	.1
335.	*	.0	.1	.2	.0	.3	.2	.1	.1
340.	*	.0	.1	.2	.0	.4	.2	.2	.1
345.	*	.0	.1	.2	.0	.4	.2	.2	.3
350.	*	.0	.1	.2	.0	.4	.2	.1	.3
355.	*	.0	.1	.1	.1	.3	.1	.2	.3
360.	*	.0	.1	.1	.2	.3	.1	.2	.3
MAX	*	.1	.1	.3	.5	.6	.3	.3	.3
DEGR.	*	55	0	30	55	300	20	5	0

THE HIGHEST CONCENTRATION IS .80 PPM AT 275 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 305 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 190 DEGREES FROM REC10.

1

PAGE 8

JOB: S8 B230AM MD355&WAT MILL
 DATE: 12/26/2006 TIME: 14:11:12.68

RUN: S8 B230AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 315	REC2 305	REC3 275	REC4 195	REC5 200	REC6 280	REC7 0	REC8 95	REC9 190	REC10 190	REC11 180	REC12 220	REC13 170	REC14 145	REC15 325	REC16 120	REC17 100	REC18 0	REC19 100	REC20 80
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.2	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.1	.3	.3	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
16	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0	.3	.4	.5	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 9

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC1 315	REC2 305	REC3 275	REC4 195	REC5 200	REC6 280	REC7 0	REC8 95
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 10

JOB: S8 B230AM MD355&WAT MILL
 DATE: 12/26/2006 TIME: 14:11:12.68

RUN: S8 B230AM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 55	REC22 0	REC23 30	REC24 55	REC25 300	REC26 20	REC27 5	REC28 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0

S8B230AM.OUT

```

-----*-----
1  *   .0   .0   .0   .0   .0   .0   .0   .0
2  *   .0   .0   .0   .0   .0   .0   .0   .0
3  *   .0   .0   .0   .0   .0   .0   .0   .0
4  *   .0   .0   .0   .0   .0   .1   .1   .0
5  *   .0   .0   .0   .0   .0   .0   .0   .0
6  *   .0   .0   .0   .0   .0   .1   .1   .0
7  *   .0   .0   .0   .0   .0   .0   .0   .1
8  *   .0   .0   .0   .0   .0   .0   .0   .0
9  *   .0   .0   .0   .0   .0   .0   .0   .0
10 *   .0   .0   .0   .0   .0   .0   .0   .0
11 *   .0   .0   .0   .0   .0   .0   .0   .0
12 *   .0   .0   .0   .0   .0   .0   .0   .0
13 *   .0   .0   .0   .0   .0   .0   .0   .0
14 *   .0   .0   .0   .0   .0   .0   .0   .0
15 *   .0   .0   .0   .0   .0   .0   .0   .0
16 *   .0   .0   .1   .0   .0   .0   .0   .0
17 *   .0   .0   .0   .0   .0   .0   .0   .0
18 *   .0   .0   .0   .0   .0   .0   .0   .0
19 *   .0   .0   .0   .0   .0   .0   .0   .0
20 *   .0   .0   .0   .0   .0   .0   .0   .0
21 *   .0   .0   .0   .0   .0   .0   .0   .0
22 *   .0   .0   .0   .0   .0   .0   .0   .0
23 *   .0   .0   .0   .0   .0   .0   .0   .0
24 *   .0   .0   .0   .0   .0   .0   .0   .0
25 *   .0   .0   .0   .0   .0   .0   .0   .1
26 *   .0   .0   .0   .1   .0   .1   .1   .1
27 *   .0   .0   .1   .2   .1   .0   .0   .0
28 *   .0   .0   .0   .0   .0   .0   .0   .0
29 *   .0   .0   .0   .1   .2   .0   .0   .0
30 *   .0   .0   .0   .0   .0   .0   .0   .0
31 *   .0   .0   .1   .1   .3   .0   .0   .0
32 *   .0   .1   .0   .0   .0   .0   .0   .0
33 *   .0   .0   .0   .0   .0   .0   .0   .0
34 *   .0   .0   .0   .0   .0   .0   .0   .0
35 *   .0   .0   .0   .0   .0   .0   .0   .0
36 *   .0   .0   .0   .0   .0   .0   .0   .0
37 *   .0   .0   .0   .0   .0   .0   .0   .0
38 *   .0   .0   .0   .0   .0   .0   .0   .0
39 *   .0   .0   .0   .0   .0   .0   .0   .0
40 *   .0   .0   .0   .0   .0   .0   .0   .0
41 *   .0   .0   .0   .0   .0   .0   .0   .0
42 *   .0   .0   .0   .0   .0   .0   .0   .0
43 *   .0   .0   .0   .0   .0   .0   .0   .0
44 *   .0   .0   .0   .0   .0   .0   .0   .0
45 *   .0   .0   .0   .0   .0   .0   .0   .0

```

1

JOB: S8 B230AM MD355&WAT MILL

RUN: S8 B230AM MD355 & WAT MILL

PAGE 11

```

*      CO/LINK (PPM)
*      ANGLE (DEGREES)
*      REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK #  *      55      0      30      55      300      20      5      0
-----*-----
46 *   .0   .0   .0   .0   .0   .0   .0   .0
47 *   .0   .0   .0   .0   .0   .0   .0   .0
48 *   .0   .0   .0   .0   .0   .0   .0   .0
49 *   .1   .0   .0   .0   .0   .0   .0   .0

```

S8B230PM.DAT

S8 B230PM MD355&WAT MILL	60.0175.0.0000.000280.30480000	11	1

REC 1	SE CORNER	250457.	543297.	5.
REC 2	164' SE CORNER	250331.	543511.	5.
REC 3	82' SE CORNER	250292.	543593.	5.
REC 4	SE CORNER	250272.	543669.	5.
REC 5	82' ES CORNER	250329.	543714.	5.
REC 6	164' ES CORNER	250401.	543758.	5.
REC 7	400' ES CORNER	250616.	543837.	5.
REC 8	400' EN CORNER	250597.	543919.	5.
REC 9	164' EN CORNER	250364.	543847.	5.
REC 10	82' EN CORNER	250295.	543807.	5.
REC 11	NE CORNER	250220.	543778.	5.
REC 12	82' NE CORNER	250178.	543827.	5.
REC 13	164' NE CORNE	250132.	543894.	5.
REC 14	NE CORNER	249984.	544064.	5.
REC 15	400 NW CORNER	249775.	544043.	5.
REC 16	164' NW CORNE	249973.	543875.	5.
REC 17	82' NW CORNER	250035.	543804.	5.
REC 18	NW CORNER	250097.	543708.	5.
REC 19	82' WN CORNER	249972.	543647.	5.
REC 20	164' WN CORNE	249904.	543605.	5.
REC 21	400' WN CORNE	249700.	543483.	5.
REC 22	400' WS CORNE	249797.	543347.	5.
REC 23	164' WS CORNE	249977.	543495.	5.
REC 24	82' WS CORNER	250051.	543546.	5.
REC 25	SW CORNER	250146.	543588.	5.
REC 26	82' SW CORNER	250185.	543483.	5.
REC 27	164' SW CORNE	250222.	543405.	5.
REC 28	400' SW CORNE	250344.	543195.	5.

S8 B230PM MD355 & WAT MILL	49	1	1

1	NB 355 R	AG250263.543704.250248.543659.	550 2.9	0. 32.	35.
0	1	NB 355 R	AG250248.543659.250293.543561.	550 2.9	0. 32. 35.
	2	NB 355 L	AG250204.543666.250269.543521.	1000 2.9	0. 44. 35.
	120	NB 355 L	AG250224.543622.250254.543556.	0. 24.	2
		69	2.0 1000	29.1 1717	3 1
1	NB 355 T	AG250226.543672.250289.543527.	300 2.9	0. 44.	35.
2	NB 355 T	AG250244.543629.250277.543555.	0. 24.	2	
	120	62	2.0 300	29.1 1770	3 1
1	NB 355 ALL	AG250286.543521.250402.543298.	1850 2.9	0. 56.	35.
0	1	NB 355 ALL	AG250402.543298.250743.542840.	1850 2.9	0. 56. 35.
4	1	NB 355 dp	AG250223.543681.250059.543939.	525 2.9	0. 56. 40.
5	1	NB 355 dp	AG250059.543939.249911.544075.	525 2.9	0. 56. 40.
6	1	NB 355 dp	AG249911.544075.249446.544336.	525 2.9	0. 56. 40.
2	SB 355 L	AG250171.543705.250085.543850.	100 2.9	0. 44.	35.
0	120	SB 355 L	AG250142.543754.250093.543835.	0. 24.	2
		98	2.0 100	29.1 1717	3 1
0	1	SB 355 L	AG250086.543850.250036.543912.	100 2.9	0. 44. 35.
1	SB 355 T	AG250148.543694.250065.543836.	650 2.9	0. 56.	35.
2	SB 355 T	AG250120.543742.250073.543821.	0. 36.	3	
	120	89	2.0 650	29.1 1695	3 1
1	SB 355 T	AG250065.543836.250020.543901.	650 2.9	0. 56.	35.
0	1	SB 355 R	AG250108.543676.250116.543718.	200 2.9	0. 32. 35.
0	1	SB 355 R	AG250116.543718.250064.543807.	200 2.9	0. 32. 35.
0	1	SB 355 R	AG250064.543807.250001.543885.	200 2.9	0. 32. 35.
0	1	SB 355 ALL	AG250016.543901.249875.544028.	950 2.9	0. 68. 35.
0	1	SB 355 ALL	AG249875.544028.249749.544101.	950 2.9	0. 68. 35.
0	1	SB 355 ALL	AG249749.544101.249402.544275.	950 2.9	0. 56. 35.
0	1	SB 355 Dp	AG250680.542801.250525.543011.	1525 2.9	0. 56. 35.
0	1	SB 355 Dp	AG250525.543011.250334.543301.	1525 2.9	0. 56. 35.
0	1	SB 355 Dp	AG250334.543301.250141.543692.	1525 2.9	0. 56. 35.
0	1	EB WatM R	AG250177.543611.249923.543464.	750 2.7	0. 32. 35.
2	EB WatM T	AG250203.543653.249917.543479.	250 2.7	0. 44.	35.
	120	EB WatM T	AG250119.543604.249996.543527.	0. 24.	2
		100	2.0 250	29.1 1770	3 1
1	EB WatM L	AG250189.543681.249921.543519.	150 2.7	0. 56.	35.
0	2	EB WatM L	AG250105.543630.249976.543552.	0. 36.	3
	120	105	2.0 150	29.1 1663	3 1
1	EB WatM ALL	AG249913.543489.249354.543146.	1150 2.7	0. 92.	35.
1	EB WATMdp	AG250193.543672.250354.543752.	900 2.7	0. 68.	35.
1	EB WATMdp	AG250354.543752.250503.543838.	900 2.7	0. 68.	35.
1	EB WATMdp	AG250503.543838.250636.543867.	900 2.7	0. 68.	35.

Page 1

S8B230PM.DAT

1	EB	WATMdp	AG250636.543867.251067.543900.	900	2.7	0.	68.	35.
1	EB	WATMdp	AG251067.543900.251166.543936.	900	2.7	0.	68.	35.
1	WB	WatM L	AG250220.543705.250351.543784.	125	2.7	0.	32.	35.
2	WB	WatM L	AG250261.543730.250337.543775.	0.	12.	1		
120			94 2.0 125 29.1 1770 3 1					
1	WB	WatM T	AG250186.543703.250345.543795.	475	2.7	0.	44.	35.
2	WB	WatM T	AG250252.543741.250334.543789.	0.	24.	2		
120			89 2.0 475 29.1 1770 3 1					
1	WB	WatM R	AG250206.543731.250344.543808.	75	2.7	0.	32.	35.
1	WB	WatMall	AG250347.543798.250468.543862.	675	2.7	0.	56.	35.
0	WB	WatMall	AG250468.543862.250574.543895.	675	2.7	0.	56.	35.
0	WB	WatMall	AG250574.543895.250801.543921.	675	2.7	0.	56.	35.
0	WB	WatMall	AG250801.543921.251016.543938.	675	2.7	0.	56.	35.
0	WB	WatMall	AG251016.543938.251159.543968.	675	2.7	0.	56.	35.
1	WB	WATMdp	AG250167.543689.250021.543634.	1675	2.7	0.	56.	35.
1	WB	WATMdp	AG250021.543634.249323.543207.	1675	2.7	0.	56.	35.
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S8 B230PM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:50.97

RUN: S8 B230PM MD355 & WAT MILL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 355 R	* 250263.0	543704.0	250248.0	543659.0	*	47.	198. AG	550.	2.9	.0	32.0	
2. 0	NB 355 R	* 250248.0	543659.0	250293.0	543561.0	*	108.	155. AG	550.	2.9	.0	32.0	
3.	NB 355 L	* 250204.0	543666.0	250269.0	543521.0	*	159.	156. AG	1000.	2.9	.0	44.0	
4.	NB 355 L	* 250224.0	543622.0	250318.6	543414.0	*	228.	156. AG	90.	100.0	.0	24.0	.74 11.6
5.	NB 355 T	* 250226.0	543672.0	250289.0	543527.0	*	158.	157. AG	300.	2.9	.0	44.0	
6.	NB 355 T	* 250244.0	543629.0	250265.1	543581.7	*	52.	156. AG	81.	100.0	.0	24.0	.19 2.6
7.	NB 355 All*	250286.0	543521.0	250402.0	543298.0	*	251.	153. AG	1850.	2.9	.0	56.0	
8. 0	NB 355 All*	250402.0	543298.0	250743.0	542840.0	*	571.	143. AG	1850.	2.9	.0	56.0	
9. 4	NB 355 dp	* 250223.0	543681.0	250059.0	543939.0	*	306.	328. AG	525.	2.9	.0	56.0	
10. 5	NB 355 dp	* 250059.0	543939.0	249911.0	544075.0	*	201.	313. AG	525.	2.9	.0	56.0	
11. 6	NB 355 dp	* 249911.0	544075.0	249446.0	544336.0	*	533.	299. AG	525.	2.9	.0	56.0	
12.	SB 355 L	* 250171.0	543705.0	250085.0	543850.0	*	169.	329. AG	100.	2.9	.0	44.0	
13. 0	SB 355 L	* 250142.0	543754.0	250124.3	543783.2	*	34.	329. AG	127.	100.0	.0	24.0	.19 1.7
14. 0	SB 355 L	* 250086.0	543850.0	250036.0	543912.0	*	80.	321. AG	100.	2.9	.0	44.0	
15.	SB 355 T	* 250148.0	543694.0	250065.0	543836.0	*	164.	330. AG	650.	2.9	.0	56.0	
16.	SB 355 T	* 250120.0	543742.0	250048.3	543862.5	*	140.	329. AG	174.	100.0	.0	36.0	.57 7.1
17. 0	SB 355 T	* 250065.0	543836.0	250020.0	543901.0	*	79.	325. AG	650.	2.9	.0	56.0	
18. 0	SB 355 R	* 250108.0	543676.0	250116.0	543718.0	*	43.	11. AG	200.	2.9	.0	32.0	
19. 0	SB 355 R	* 250116.0	543718.0	250064.0	543807.0	*	103.	330. AG	200.	2.9	.0	32.0	
20. 0	SB 355 R	* 250064.0	543807.0	250001.0	543885.0	*	100.	321. AG	200.	2.9	.0	32.0	
21. 0	SB 355 ALL*	250016.0	543901.0	249875.0	544028.0	*	190.	312. AG	950.	2.9	.0	68.0	
22. 0	SB 355 ALL*	249875.0	544028.0	249749.0	544101.0	*	146.	300. AG	950.	2.9	.0	68.0	
23. 0	SB 355 ALL*	249749.0	544101.0	249402.0	544275.0	*	388.	297. AG	950.	2.9	.0	56.0	
24. 0	SB 355 Dp	* 250680.0	542801.0	250525.0	543011.0	*	261.	324. AG	1525.	2.9	.0	56.0	
25. 0	SB 355 Dp	* 250525.0	543011.0	250334.0	543301.0	*	347.	327. AG	1525.	2.9	.0	56.0	
26. 0	SB 355 Dp	* 250334.0	543301.0	250141.0	543692.0	*	436.	334. AG	1525.	2.9	.0	56.0	
27. 0	EB WatM R	* 250177.0	543611.0	249923.0	543464.0	*	293.	240. AG	750.	2.7	.0	32.0	
28.	EB WatM T	* 250203.0	543653.0	249917.0	543479.0	*	335.	239. AG	250.	2.7	.0	44.0	
29.	EB WatM T	* 250119.0	543604.0	250039.2	543554.0	*	94.	238. AG	130.	100.0	.0	24.0	.53 4.8
30.	EB WatM L	* 250189.0	543681.0	249921.0	543519.0	*	313.	239. AG	150.	2.7	.0	56.0	
31. 0	EB WatM L	* 250105.0	543630.0	250072.0	543610.0	*	39.	239. AG	205.	100.0	.0	36.0	.33 2.0
32.	EB WatMAll*	249913.0	543489.0	249354.0	543146.0	*	656.	238. AG	1150.	2.7	.0	92.0	
33. EB	EB WATMdp	* 250193.0	543672.0	250354.0	543752.0	*	180.	64. AG	900.	2.7	.0	68.0	
34.	EB WATMdp	* 250354.0	543752.0	250503.0	543838.0	*	172.	60. AG	900.	2.7	.0	68.0	
35.	EB WATMdp	* 250503.0	543838.0	250636.0	543867.0	*	136.	78. AG	900.	2.7	.0	68.0	
36.	EB WATMdp	* 250636.0	543867.0	251067.0	543900.0	*	432.	86. AG	900.	2.7	.0	68.0	
37.	EB WATMdp	* 251067.0	543900.0	251166.0	543936.0	*	105.	70. AG	900.	2.7	.0	68.0	
38.	WB WatM L	* 250220.0	543705.0	250351.0	543784.0	*	153.	59. AG	125.	2.7	.0	32.0	
39.	WB WatM L	* 250261.0	543730.0	250332.4	543772.3	*	83.	59. AG	61.	100.0	.0	12.0	.39 4.2
40.	WB WatM T	* 250186.0	543703.0	250345.0	543795.0	*	184.	60. AG	475.	2.7	.0	44.0	
41.	WB WatM T	* 250252.0	543741.0	250386.2	543819.6	*	156.	60. AG	116.	100.0	.0	24.0	.60 7.9
42.	WB WatM R	* 250206.0	543731.0	250344.0	543808.0	*	158.	61. AG	75.	2.7	.0	32.0	
43.	WB WatMAll*	250347.0	543798.0	250468.0	543862.0	*	137.	62. AG	675.	2.7	.0	56.0	
44. 0	WB WatMAll*	250468.0	543862.0	250574.0	543895.0	*	111.	73. AG	675.	2.7	.0	56.0	

JOB: S8 B230PM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:50.97

RUN: S8 B230PM MD355 & WAT MILL

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	WB WatMAll*	250574.0	543895.0	250801.0	543921.0	*	229.	83. AG	675.	2.7	.0	56.0	
46. 0	WB WatMAll*	250801.0	543921.0	251016.0	543938.0	*	216.	85. AG	675.	2.7	.0	56.0	
47. 0	WB WatMAll*	251016.0	543938.0	251159.0	543968.0	*	146.	78. AG	675.	2.7	.0	56.0	
48.	WB WATMdp	* 250167.0	543689.0	250021.0	543634.0	*	156.	249. AG	1675.	2.7	.0	56.0	
49.	WB WATMdp	* 250021.0	543634.0	249323.0	543207.0	*	818.	239. AG	1675.	2.7	.0	56.0	

JOB: S8 B230PM MD355&WAT MILL
DATE: 12/26/2006 TIME: 14:11:50.97

RUN: S8 B230PM MD355 & WAT MILL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4.	NB 355 L	* 120	69	2.0	1000	1717	29.10	3	1
6.	NB 355 T	* 120	62	2.0	300	1770	29.10	3	1
13. 0	SB 355 L	* 120	98	2.0	100	1717	29.10	3	1
16.	SB 355 T	* 120	89	2.0	650	1695	29.10	3	1
29.	EB WatM T	* 120	100	2.0	250	1770	29.10	3	1
31. 0	EB WatM L	* 120	105	2.0	150	1663	29.10	3	1
39.	WB WatM L	* 120	94	2.0	125	1770	29.10	3	1
41.	WB WatM T	* 120	89	2.0	475	1770	29.10	3	1

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 SE CORNER	*	250457.0	543297.0	5.0	*
2. REC 2 164' SE CORNER	*	250331.0	543511.0	5.0	*
3. REC 3 82' SE CORNER	*	250292.0	543593.0	5.0	*
4. REC 4 SE CORNER	*	250272.0	543669.0	5.0	*
5. REC 5 82' ES CORNER	*	250329.0	543714.0	5.0	*
6. REC 6 164' ES CORNER	*	250401.0	543758.0	5.0	*

S8B230PM.OUT

7.	REC 7	400'	ES CORNER	*	250616.0	543837.0	5.0	*
8.	REC 8	400'	EN CORNER	*	250597.0	543919.0	5.0	*
9.	REC 9	164'	EN CORNER	*	250364.0	543847.0	5.0	*
10.	REC 10	82'	EN CORNER	*	250295.0	543807.0	5.0	*
11.	REC 11	NE CORNER	*	250220.0	543778.0	5.0	*	
12.	REC 12	82'	NE CORNER	*	250178.0	543827.0	5.0	*
13.	REC 13	164'	NE CORNE	*	250132.0	543894.0	5.0	*
14.	REC 14	NE CORNER	*	249984.0	544064.0	5.0	*	
15.	REC 15	400	NW CORNER	*	249775.0	544043.0	5.0	*
16.	REC 16	164'	NW CORNE	*	249973.0	543875.0	5.0	*
17.	REC 17	82'	NW CORNER	*	250035.0	543804.0	5.0	*
18.	REC 18	NW CORNER	*	250097.0	543708.0	5.0	*	
19.	REC 19	82'	WN CORNER	*	249972.0	543647.0	5.0	*
20.	REC 20	164'	WN CORNE	*	249904.0	543605.0	5.0	*
21.	REC 21	400'	WN CORNE	*	249700.0	543483.0	5.0	*
22.	REC 22	400'	WS CORNE	*	249797.0	543347.0	5.0	*
23.	REC 23	164'	WS CORNE	*	249977.0	543495.0	5.0	*
24.	REC 24	82'	WS CORNER	*	250051.0	543546.0	5.0	*
25.	REC 25	SW CORNER	*	250146.0	543588.0	5.0	*	
26.	REC 26	82'	SW CORNER	*	250185.0	543483.0	5.0	*
27.	REC 27	164'	SW CORNE	*	250222.0	543405.0	5.0	*
28.	REC 28	400'	SW CORNE	*	250344.0	543195.0	5.0	*

1

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0
5.	*	.0	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.0	.0
10.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.6	.0	.0
15.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.1	.0
20.	*	.0	.0	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
25.	*	.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
30.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.1	.1
35.	*	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1
40.	*	.0	.0	.0	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1
45.	*	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
50.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1
55.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.1	.1	.1
60.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.2	.1	.2
65.	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.1
70.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.2
75.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	.4	.2	.1	.2
80.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.0	.0	.1	.0	.4	.1	.1	.3
85.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.1	.1	.4	.1	.3	.3
90.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	.1	.1	.6	.1	.3	.3
95.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.2	.1	.0	.0	.1	.1	.6	.1	.3	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.2	.7	.1	.4	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.0	.0	.1	.2	.6	.2	.4	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.1	.3	.6	.2	.5	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.1	.3	.6	.2	.4	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.1	.1	.0	.0	.3	.6	.3	.3	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.1	.0	.1	.3	.4	.3	.2	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.0	.1	.2	.3	.3	.2	.1
135.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.0	.1	.2	.3	.4	.2	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.4	.1	.1	.0	.0	.0	.1	.3	.4	.2	.1
145.	*	.1	.2	.0	.0	.0	.0	.0	.1	.3	.4	.1	.0	.0	.1	.0	.1	.2	.4	.2	.1
150.	*	.2	.2	.1	.0	.0	.0	.0	.1	.3	.4	.1	.0	.0	.1	.0	.1	.1	.3	.1	.1
155.	*	.2	.2	.1	.1	.0	.0	.0	.1	.3	.4	.0	.1	.0	.1	.0	.0	.1	.2	.1	.1
160.	*	.2	.3	.2	.2	.0	.0	.0	.1	.3	.4	.1	.1	.1	.1	.0	.0	.1	.3	.1	.1
165.	*	.2	.2	.2	.2	.0	.0	.0	.2	.3	.4	.1	.2	.2	.1	.0	.0	.2	.4	.1	.1
170.	*	.3	.2	.2	.2	.0	.0	.0	.2	.4	.4	.2	.2	.3	.1	.0	.0	.2	.3	.1	.1
175.	*	.3	.2	.4	.5	.0	.0	.0	.2	.3	.4	.2	.1	.3	.1	.0	.0	.1	.3	.1	.1
180.	*	.3	.3	.5	.4	.1	.0	.0	.2	.3	.5	.2	.1	.3	.0	.0	.0	.0	.4	.1	.1
185.	*	.3	.4	.5	.5	.1	.0	.0	.2	.3	.5	.2	.1	.3	.0	.0	.0	.0	.4	.1	.1
190.	*	.3	.4	.5	.5	.1	.0	.0	.2	.3	.5	.1	.0	.3	.0	.0	.0	.0	.4	.1	.1
195.	*	.3	.4	.4	.6	.1	.0	.0	.2	.3	.5	.1	.0	.2	.0	.0	.0	.0	.3	.1	.2
200.	*	.2	.4	.4	.5	.1	.0	.0	.2	.3	.3	.1	.1	.2	.0	.0	.0	.1	.3	.2	.3
205.	*	.2	.5	.5	.5	.1	.1	.0	.2	.3	.2	.1	.3	.2	.0	.0	.0	.1	.3	.2	.3

1

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.5	.5	.4	.1	.1	.0	.2	.4	.2	.1	.2	.2	.0	.0	.0	.1	.2	.2	.3
215.	*	.2	.5	.5	.4	.1	.1	.0	.2	.4	.2	.2	.2	.2	.0	.0	.0	.1	.2	.2	.3
220.	*	.2	.5	.5	.4	.1	.1	.0	.1	.4	.1	.3	.3	.2	.0	.0	.0	.1	.2	.3	.3
225.	*	.2	.5	.5	.3	.1	.1	.0	.0	.2	.1	.1	.4	.2	.0	.0	.0	.1	.2	.3	.3
230.	*	.2	.5	.5	.3	.1	.1	.0	.0	.2	.1	.2	.4	.2	.0	.0	.0	.0	.2	.2	.2
235.	*	.2	.5	.6	.3	.1	.1	.0	.1	.1	.0	.2	.4	.2	.0	.0	.0	.0	.2	.2	.2
240.	*	.2	.5	.6	.3	.1	.2	.0	.2	.1	.0	.2	.3	.2	.0	.0	.0	.0	.2	.1	.1
245.	*	.2	.5	.6	.4	.1	.2	.1	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.1	.1	.1
250.	*	.2	.5	.6	.4	.1	.2	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1
255.	*	.2	.5	.6	.4	.1	.3	.2	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.4	.8	.3	.1	.4	.2	.0	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.4	.8	.3	.1	.5	.2	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.4	.8	.3	.1	.5	.1	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.4	.8	.3	.2	.5	.1	.0	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.4	.7	.3	.3	.4	.1	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.3	.4	.6	.3	.4	.4	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0

																		S8B230PM.OUT									
290.	*	.2	.4	.6	.3	.4	.4	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0					
295.	*	.2	.5	.6	.3	.4	.3	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0					
300.	*	.2	.5	.7	.3	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0					
305.	*	.2	.5	.4	.3	.5	.3	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0					
310.	*	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0					
315.	*	.3	.4	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0					
320.	*	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0					
325.	*	.2	.3	.2	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0					
330.	*	.2	.0	.1	.1	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0					
335.	*	.1	.0	.1	.1	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0					
340.	*	.0	.0	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.0	.0	.0					
345.	*	.0	.0	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.5	.0	.0	.0					
350.	*	.0	.1	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.0	.0	.0					
355.	*	.0	.1	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0	.0					
360.	*	.0	.1	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.0	.0	.0					

MAX		.3	.5	.8	.6	.5	.5	.2	.2	.4	.5	.3	.4	.3	.1	.2	.3	.7	.6	.5	.3						
DEGR.	*	170	205	260	195	305	265	40	95	170	180	100	225	170	145	325	110	100	0	110	80						

1

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION									
ANGLE * (PPM)									
(DEGR) *	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	
0.	*	.0	.2	.2	.8	.4	.1	.2	.3
5.	*	.0	.2	.2	.8	.4	.1	.2	.2
10.	*	.0	.2	.3	.8	.2	.1	.2	.2
15.	*	.0	.2	.2	1.0	.2	.2	.2	.2
20.	*	.0	.2	.2	1.0	.2	.2	.2	.2
25.	*	.0	.2	.2	1.0	.2	.3	.2	.1
30.	*	.0	.2	.4	.9	.3	.2	.2	.1
35.	*	.0	.1	.3	1.1	.3	.2	.3	.2
40.	*	.0	.1	.3	.9	.3	.2	.3	.2
45.	*	.0	.1	.3	.8	.3	.2	.3	.2
50.	*	.0	.0	.3	.8	.3	.2	.3	.2
55.	*	.1	.0	.2	.7	.2	.2	.3	.2
60.	*	.1	.0	.3	.6	.2	.2	.3	.2
65.	*	.1	.0	.2	.5	.3	.2	.3	.2
70.	*	.2	.0	.2	.4	.3	.2	.3	.2
75.	*	.2	.0	.1	.5	.4	.3	.3	.2
80.	*	.2	.0	.1	.4	.4	.3	.3	.2
85.	*	.2	.0	.1	.4	.4	.3	.3	.2
90.	*	.2	.0	.1	.4	.2	.3	.2	.2
95.	*	.2	.0	.1	.3	.2	.3	.2	.2
100.	*	.1	.0	.1	.3	.2	.3	.2	.2
105.	*	.2	.0	.1	.3	.2	.3	.2	.2
110.	*	.2	.0	.1	.3	.2	.3	.2	.2
115.	*	.2	.0	.1	.2	.2	.3	.2	.2
120.	*	.2	.0	.0	.2	.3	.3	.2	.2
125.	*	.2	.0	.0	.1	.4	.2	.2	.2
130.	*	.2	.0	.0	.1	.4	.3	.3	.2
135.	*	.2	.0	.0	.1	.4	.2	.3	.1
140.	*	.2	.0	.0	.1	.3	.2	.3	.1
145.	*	.2	.0	.0	.1	.1	.1	.1	.1
150.	*	.2	.0	.0	.1	.1	.0	.0	.0
155.	*	.2	.0	.0	.1	.1	.0	.0	.0
160.	*	.2	.0	.0	.1	.0	.0	.0	.0
165.	*	.2	.0	.0	.1	.0	.0	.0	.0
170.	*	.2	.0	.0	.1	.0	.0	.0	.0
175.	*	.2	.0	.0	.1	.0	.0	.0	.0
180.	*	.2	.0	.0	.1	.0	.0	.0	.0
185.	*	.2	.0	.1	.1	.0	.0	.0	.0
190.	*	.2	.0	.1	.1	.0	.0	.0	.0
195.	*	.2	.0	.1	.1	.0	.0	.0	.0
200.	*	.3	.0	.1	.1	.0	.0	.0	.0
205.	*	.3	.0	.1	.1	.0	.0	.0	.0

1

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION									
ANGLE * (PPM)									
(DEGR) *	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	
210.	*	.3	.0	.1	.1	.1	.0	.0	.0
215.	*	.3	.0	.1	.1	.1	.0	.0	.0
220.	*	.2	.0	.1	.1	.1	.0	.0	.0
225.	*	.2	.0	.1	.1	.1	.0	.0	.0
230.	*	.2	.0	.2	.1	.1	.0	.0	.0
235.	*	.1	.0	.2	.2	.2	.0	.0	.0
240.	*	.1	.1	.2	.2	.2	.0	.0	.0
245.	*	.1	.1	.3	.4	.5	.0	.0	.0
250.	*	.0	.1	.3	.4	.4	.0	.0	.0
255.	*	.0	.1	.3	.3	.5	.0	.0	.0
260.	*	.0	.2	.3	.3	.5	.0	.0	.0
265.	*	.0	.2	.3	.3	.5	.0	.0	.0
270.	*	.0	.2	.3	.2	.6	.0	.0	.0
275.	*	.0	.2	.2	.2	.6	.0	.0	.0
280.	*	.0	.2	.2	.2	.7	.0	.0	.0
285.	*	.0	.2	.2	.3	.6	.0	.0	.0
290.	*	.0	.2	.2	.3	.5	.0	.0	.0

S8B230PM.OUT

```

295. * .0 .2 .2 .3 .6 .1 .0 .0
300. * .0 .2 .2 .3 .7 .1 .0 .0
305. * .0 .2 .1 .4 .5 .1 .0 .0
310. * .0 .2 .1 .4 .5 .1 .0 .0
315. * .0 .2 .1 .4 .5 .2 .1 .0
320. * .0 .2 .1 .5 .5 .2 .1 .0
325. * .0 .2 .1 .5 .4 .2 .1 .0
330. * .0 .2 .1 .5 .4 .2 .0 .1
335. * .0 .2 .1 .5 .3 .2 .0 .1
340. * .0 .2 .1 .5 .3 .2 .2 .2
345. * .0 .2 .1 .5 .4 .2 .2 .3
350. * .0 .2 .1 .6 .4 .2 .1 .4
355. * .0 .2 .1 .7 .4 .1 .1 .4
360. * .0 .2 .2 .8 .4 .1 .2 .3
-----
MAX * .3 .2 .4 1.1 .7 .3 .3 .4
DEGR. * 200 0 30 35 280 25 35 350

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 35 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 260 DEGREES FROM REC3.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 100 DEGREES FROM REC17.

1

PAGE 8

JOB: S8 B230PM MD355&WAT MILL
 DATE: 12/26/2006 TIME: 14:11:50.97

RUN: S8 B230PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 170	REC2 205	REC3 260	REC4 195	REC5 305	REC6 265	REC7 40	REC8 95	REC9 170	REC10 180	REC11 100	REC12 225	REC13 170	REC14 145	REC15 325	REC16 110	REC17 100	REC18 0	REC19 110	REC20 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
16	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.0	.3	.4	.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.2	.1	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 9

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC1 170	REC2 205	REC3 260	REC4 195	REC5 305	REC6 265	REC7 40	REC8 95	REC9 170	REC10 180
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

1

PAGE 10

JOB: S8 B230PM MD355&WAT MILL
 DATE: 12/26/2006 TIME: 14:11:50.97

RUN: S8 B230PM MD355 & WAT MILL

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 200	REC22 0	REC23 30	REC24 35	REC25 280	REC26 25	REC27 35	REC28 350
1	.0	.0	.0	.0	.0	.0	.0	.0

```

-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .1 .1 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .1 .1
8 * .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .1 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .1
26 * .0 .0 .0 .0 .0 .1 .1 .1
27 * .0 .0 .1 .1 .1 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .1 .7 .3 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .1 .2 .2 .0 .0 .0
32 * .1 .1 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0
41 * .0 .0 .0 .0 .0 .1 .0 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S8 B230PM MD355&WAT MILL

RUN: S8 B230PM MD355 & WAT MILL

PAGE 11

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
LINK # 200 0 30 35 280 25 35 350
-----*-----
46 * .0 .0 .0 .0 .0 .0 .0 .0
47 * .0 .0 .0 .0 .0 .0 .0 .0
48 * .0 .0 .0 .1 .0 .0 .0 .0
49 * .2 .1 .0 .0 .1 .0 .0 .0

```

Site 9

Staleybridge Road - Residence

S9 EXAM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE			12	1	0	
1						
1	NB 270	AG242823.548671.243044.548194.	3282	4.0	0.56.	66
0	1	NB 270	AG243044.548194.243281.547684.	3282	4.0	0.56.
0	1	NB 270	AG243281.547684.243686.546872.	3282	4.0	0.56.
0	1	NB HOV	AG242789.548654.243080.548053.	0	4.0	0.32.
0	1	NB HOV	AG243080.548053.243457.547263.	0	4.0	0.32.
0	1	NB HOV	AG243457.547263.243673.546858.	0	4.0	0.32.
0	1	SB HOV	AG243641.546848.243398.547326.	0	4.0	0.32.
0	1	SB HOV	AG243398.547326.242919.548303.	0	4.0	0.32.
0	1	SB HOV	AG242919.548303.242760.548637.	0	4.0	0.32.
0	1	SB 270	AG243616.546843.243406.547234.	7270	4.0	0.56.
0	1	SB 270	AG243406.547234.242859.548364.	7270	4.0	0.56.
0	1	SB 270	AG242859.548364.242739.548625.	7270	4.0	0.56.
1.0	0.4	1000.0.0Y	5	0	72	

1

JOB: S9 EXAM
DATE: 12/14/2006 TIME: 11:14:16.63
RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	3282.	4.0	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	3282.	4.0	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	3282.	4.0	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	4.0	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	4.0	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	4.0	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	4.0	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	4.0	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	4.0	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	7270.	4.0	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	7270.	4.0	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	7270.	4.0	.0	56.0	

1

JOB: S9 EXAM
DATE: 12/14/2006 TIME: 11:14:16.63
RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 EXAM
RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.3	.3	.3	.1
5.	.3	.4	.3	.1
10.	.2	.4	.3	.2
15.	.3	.4	.3	.3
20.	.3	.4	.3	.3
25.	.3	.4	.3	.3
30.	.3	.4	.3	.3
35.	.3	.4	.2	.2
40.	.3	.3	.3	.2
45.	.3	.3	.3	.2
50.	.3	.3	.3	.2
55.	.3	.2	.3	.3
60.	.3	.3	.3	.3
65.	.3	.3	.3	.3
70.	.3	.3	.3	.3
75.	.2	.3	.3	.2
80.	.3	.3	.3	.2
85.	.3	.3	.3	.2
90.	.3	.3	.3	.3
95.	.3	.3	.3	.3
100.	.3	.3	.4	.2
105.	.3	.4	.3	.2
110.	.3	.3	.3	.2
115.	.3	.4	.4	.1
120.	.4	.4	.3	.1
125.	.4	.3	.3	.1
130.	.3	.3	.1	.0
135.	.3	.3	.1	.0
140.	.1	.1	.1	.0
145.	.1	.1	.0	.0
150.	.0	.0	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0

195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

1

JOB: S9 EXAM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.1	.1	.0
345.	*	.2	.2	.1	.0
350.	*	.2	.3	.1	.0
355.	*	.3	.2	.2	.1
360.	*	.3	.3	.3	.1
MAX	*	.4	.4	.4	.3
DEGR.	*	120	5	100	15

THE HIGHEST CONCENTRATION IS .40 PPM AT 120 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 100 DEGREES FROM REC3 .

S9 EXPM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE			12	1	0	
1						
1	NB 270	AG242823.548671.243044.548194.	6871	4.0	0.56.	54
0	1	NB 270	AG243044.548194.243281.547684.	6871	4.0	0.56.
0	1	NB 270	AG243281.547684.243686.546872.	6871	4.0	0.56.
0	1	NB HOV	AG242789.548654.243080.548053.	789	4.0	0.32.
0	1	NB HOV	AG243080.548053.243457.547263.	789	4.0	0.32.
0	1	NB HOV	AG243457.547263.243673.546858.	789	4.0	0.32.
0	1	SB HOV	AG243641.546848.243398.547326.	1	4.0	0.32.
0	1	SB HOV	AG243398.547326.242919.548303.	1	4.0	0.32.
0	1	SB HOV	AG242919.548303.242760.548637.	1	4.0	0.32.
0	1	SB 270	AG243616.546843.243406.547234.	3375	4.0	0.56.
0	1	SB 270	AG243406.547234.242859.548364.	3375	4.0	0.56.
0	1	SB 270	AG242859.548364.242739.548625.	3375	4.0	0.56.
1.0	0.4	1000.0.0Y	5	0	72	

1

JOB: S9 EXPM
DATE: 12/14/2006 TIME: 11:14:29.21
RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	6871.	4.0	.0	56.0	
2. NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	6871.	4.0	.0	56.0	
3. NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	6871.	4.0	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	789.	4.0	.0	32.0	
5. NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	789.	4.0	.0	32.0	
6. NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	789.	4.0	.0	32.0	
7. SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	1.	4.0	.0	32.0	
8. SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	1.	4.0	.0	32.0	
9. SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	1.	4.0	.0	32.0	
10. SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	3375.	4.0	.0	56.0	
11. SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	3375.	4.0	.0	56.0	
12. SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	3375.	4.0	.0	56.0	

1

JOB: S9 EXPM
DATE: 12/14/2006 TIME: 11:14:29.21
RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 EXPM
RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.2	.3	.3	.2
5.	.3	.3	.3	.3
10.	.3	.3	.3	.3
15.	.3	.3	.3	.2
20.	.3	.3	.3	.2
25.	.3	.3	.2	.2
30.	.3	.3	.3	.2
35.	.3	.3	.3	.2
40.	.3	.3	.3	.3
45.	.3	.3	.2	.3
50.	.3	.3	.3	.2
55.	.3	.3	.3	.2
60.	.3	.3	.3	.2
65.	.2	.2	.3	.2
70.	.3	.3	.3	.2
75.	.3	.3	.3	.2
80.	.3	.3	.3	.2
85.	.2	.3	.3	.2
90.	.3	.3	.3	.1
95.	.3	.3	.3	.1
100.	.3	.3	.3	.2
105.	.3	.3	.4	.2
110.	.3	.3	.3	.2
115.	.3	.3	.3	.2
120.	.3	.3	.2	.1
125.	.3	.4	.2	.0
130.	.3	.2	.2	.0
135.	.2	.2	.0	.0
140.	.1	.2	.0	.0
145.	.0	.0	.0	.0
150.	.0	.0	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0

S9EXPM.OUT

195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

1

JOB: S9 EXPM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.0	.0	.0
345.	*	.0	.2	.1	.0
350.	*	.1	.2	.2	.0
355.	*	.2	.3	.3	.1
360.	*	.2	.3	.3	.2
MAX	*	.3	.4	.4	.3
DEGR.	*	5	125	105	5

THE HIGHEST CONCENTRATION IS .40 PPM AT 125 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 105 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC1 .

S9 NB15AM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE			12 1 0			
1						
1	NB 270	AG242823.548671.243044.548194.	4000 4.7 0. 56.	67		
0	1	NB 270	AG243044.548194.243281.547684.	4000 4.7 0. 56.	67	
0	1	NB 270	AG243281.547684.243686.546872.	4000 4.7 0. 56.	67	
0	1	NB HOV	AG242789.548654.243080.548053.	013.6 0. 32.	66	
0	1	NB HOV	AG243080.548053.243457.547263.	013.6 0. 32.	66	
0	1	NB HOV	AG243457.547263.243673.546858.	013.6 0. 32.	66	
0	1	SB HOV	AG243641.546848.243398.547326.	013.6 0. 32.	61.6	
0	1	SB HOV	AG243398.547326.242919.548303.	013.6 0. 32.	61.6	
0	1	SB HOV	AG242919.548303.242760.548637.	013.6 0. 32.	61.6	
0	1	SB 270	AG243616.546843.243406.547234.	9450 3.9 0. 56.	52	
0	1	SB 270	AG243406.547234.242859.548364.	9450 3.9 0. 56.	52	
0	1	SB 270	AG242859.548364.242739.548625.	9450 3.9 0. 56.	52	
1.0	0.4	1000. 0.0Y	5 0 72			

1

JOB: S9 NB15AM
DATE: 01/11/2007 TIME: 14:54:34.94
RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	4000.	4.7	.0	56.0	
2. NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	4000.	4.7	.0	56.0	
3. NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	4000.	4.7	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	9450.	3.9	.0	56.0	
11. SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	9450.	3.9	.0	56.0	
12. SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	9450.	3.9	.0	56.0	

1

JOB: S9 NB15AM
DATE: 01/11/2007 TIME: 14:54:34.94
RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 NB15AM
RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.4	.5	.4	.1
5.	.4	.5	.4	.2
10.	.5	.4	.4	.3
15.	.4	.4	.4	.3
20.	.4	.4	.4	.3
25.	.4	.4	.4	.3
30.	.4	.4	.4	.3
35.	.4	.4	.5	.3
40.	.4	.4	.4	.3
45.	.4	.4	.4	.3
50.	.4	.4	.4	.3
55.	.4	.5	.4	.3
60.	.4	.4	.4	.3
65.	.4	.4	.4	.3
70.	.4	.4	.4	.3
75.	.5	.4	.4	.3
80.	.4	.4	.4	.3
85.	.4	.4	.4	.3
90.	.4	.4	.3	.3
95.	.4	.4	.4	.3
100.	.4	.4	.4	.3
105.	.4	.4	.3	.3
110.	.4	.4	.4	.3
115.	.4	.5	.4	.3
120.	.5	.4	.3	.1
125.	.4	.5	.3	.1
130.	.4	.4	.2	.1
135.	.3	.4	.1	.0
140.	.2	.2	.1	.0
145.	.1	.1	.0	.0
150.	.1	.1	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0

195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

S9NB15AM.OUT

1

JOB: S9 NB15AM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.2	.1	.0
345.	*	.2	.2	.2	.0
350.	*	.3	.4	.3	.1
355.	*	.4	.5	.3	.1
360.	*	.4	.5	.4	.1
MAX	*	.5	.5	.5	.3
DEGR.	*	10	0	35	10

THE HIGHEST CONCENTRATION IS .50 PPM AT 10 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 35 DEGREES FROM REC3 .

S9 NB15PM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE			12 1 0			
1						
1	NB 270	AG242823.548671.243044.548194.	8675 3.1 0. 56.	27		
0 1	NB 270	AG243044.548194.243281.547684.	8675 3.1 0. 56.	27		
0 1	NB 270	AG243281.547684.243686.546872.	8675 3.1 0. 56.	27		
0 1	NB HOV	AG242789.548654.243080.548053.	013.6 0. 32.	66		
0 1	NB HOV	AG243080.548053.243457.547263.	013.6 0. 32.	66		
0 1	NB HOV	AG243457.547263.243673.546858.	013.6 0. 32.	66		
0 1	SB HOV	AG243641.546848.243398.547326.	013.6 0. 32.	61.6		
0 1	SB HOV	AG243398.547326.242919.548303.	013.6 0. 32.	61.6		
0 1	SB HOV	AG242919.548303.242760.548637.	013.6 0. 32.	61.6		
0 1	SB 270	AG243616.546843.243406.547234.	4625 4.1 0. 56.	55		
0 1	SB 270	AG243406.547234.242859.548364.	4625 4.1 0. 56.	55		
0 1	SB 270	AG242859.548364.242739.548625.	4625 4.1 0. 56.	55		
1.0 0.4 1000. 0.0Y	5 0 72					

1

JOB: S9 NB15PM
DATE: 01/11/2007 TIME: 14:56:26.17

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	8675.	3.1	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	8675.	3.1	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	8675.	3.1	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	4625.	4.1	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	4625.	4.1	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	4625.	4.1	.0	56.0	

1

JOB: S9 NB15PM
DATE: 01/11/2007 TIME: 14:56:26.17

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 NB15PM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.2	.4	.3	.2
5.	.3	.4	.3	.3
10.	.4	.4	.4	.3
15.	.4	.4	.4	.2
20.	.3	.4	.4	.2
25.	.4	.4	.2	.2
30.	.3	.4	.3	.2
35.	.3	.4	.3	.2
40.	.3	.4	.3	.3
45.	.3	.3	.2	.3
50.	.3	.4	.2	.2
55.	.3	.4	.3	.2
60.	.3	.4	.3	.2
65.	.2	.3	.3	.2
70.	.3	.4	.3	.2
75.	.3	.4	.3	.2
80.	.3	.4	.3	.2
85.	.2	.4	.3	.2
90.	.2	.4	.3	.2
95.	.3	.4	.3	.2
100.	.3	.4	.4	.2
105.	.4	.4	.4	.2
110.	.4	.4	.4	.2
115.	.3	.3	.3	.2
120.	.3	.4	.2	.2
125.	.4	.4	.2	.0
130.	.3	.3	.2	.0
135.	.2	.2	.1	.0
140.	.2	.2	.0	.0
145.	.0	.1	.0	.0
150.	.0	.0	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0

195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

S9NB15PM.OUT

1

JOB: S9 NB15PM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.0	.0	.0
345.	*	.0	.2	.2	.0
350.	*	.2	.2	.2	.0
355.	*	.2	.3	.3	.2
360.	*	.2	.4	.3	.2
MAX	*	.4	.4	.4	.3
DEGR.	*	10	0	10	5

THE HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC3 .

S9 B115 AM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE AM			14	1	0	
1						
1	NB GP	AG242847.548677.243111.548116.	3250	4.3	0. 56.	58
0	1	NB GP	AG243111.548116.243365.547587.	3250	4.3	0. 56.
0	1	NB GP	AG243365.547587.243712.546883.	3250	4.3	0. 56.
0	1	NB ETL	AG242784.548653.243045.548121.	1325	4.6	0. 44.
0	1	NB ETL	AG243045.548121.243329.547524.	1325	4.6	0. 44.
0	1	NB ETL	AG243329.547524.243665.546853.	1325	4.6	0. 44.
0	1	SB GP	AG243563.546817.243216.547513.	8100	4.6	0. 56.
0	1	SB GP	AG243216.547513.242960.548053.	8100	4.6	0. 56.
0	1	SB GP	AG242960.548053.242690.548608.	8100	4.6	0. 56.
0	1	SB ETL	AG243621.546842.243524.547020.	2350	4.5	0. 44.
0	1	SB ETL	AG243524.547020.243056.547995.	2350	4.5	0. 44.
0	1	SB ETL	AG243056.547995.242740.548636.	2350	4.5	0. 44.
0	1	NB BUS	AG243002.548727.243867.546978.	18	2.1	0. 32.
0	1	SB BUS	AG243815.546953.242945.548714.	19	2.1	0. 32.
1.0	0.4	1000. 0.0Y	5	0	72	

1

JOB: S9 B115 AM
DATE: 04/23/2007 TIME: 21:20:02.15

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3250.	4.3	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3250.	4.3	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3250.	4.3	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1325.	4.6	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1325.	4.6	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1325.	4.6	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	8100.	4.6	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	8100.	4.6	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	8100.	4.6	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2350.	4.5	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2350.	4.5	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2350.	4.5	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	2.1	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	2.1	.0	32.0	

1

JOB: S9 B115 AM
DATE: 04/23/2007 TIME: 21:20:02.15

RUN: CHURCH AND STALEYBRIDGE AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B115 AM

RUN: CHURCH AND STALEYBRIDGE AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .6	* .6	* .4	* .2
5.	* .6	* .6	* .4	* .2
10.	* .6	* .6	* .5	* .3
15.	* .5	* .6	* .5	* .2
20.	* .3	* .6	* .5	* .2
25.	* .5	* .6	* .5	* .3
30.	* .5	* .6	* .5	* .4
35.	* .5	* .6	* .5	* .4
40.	* .5	* .6	* .5	* .4
45.	* .5	* .6	* .5	* .5
50.	* .5	* .6	* .4	* .3
55.	* .5	* .6	* .4	* .3
60.	* .5	* .6	* .5	* .4
65.	* .5	* .6	* .5	* .4
70.	* .5	* .5	* .5	* .4
75.	* .5	* .5	* .5	* .4
80.	* .5	* .6	* .5	* .4
85.	* .5	* .6	* .5	* .4
90.	* .4	* .6	* .5	* .4
95.	* .6	* .6	* .5	* .4
100.	* .6	* .6	* .5	* .3
105.	* .6	* .6	* .5	* .3
110.	* .5	* .6	* .5	* .2
115.	* .6	* .6	* .5	* .2
120.	* .6	* .6	* .4	* .2
125.	* .5	* .6	* .3	* .1
130.	* .6	* .6	* .3	* .1
135.	* .3	* .4	* .2	* .0
140.	* .3	* .3	* .1	* .0
145.	* .2	* .2	* .1	* .0
150.	* .1	* .1	* .0	* .0
155.	* .1	* .1	* .0	* .0
160.	* .0	* .0	* .0	* .0
165.	* .0	* .0	* .0	* .0
170.	* .0	* .0	* .0	* .0
175.	* .0	* .0	* .0	* .0
180.	* .0	* .0	* .0	* .0

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B115BA.OUT

1

JOB: S9 B115 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .1 .0 .0
335. * .1 .1 .1 .0
340. * .1 .3 .2 .0
345. * .2 .3 .2 .1
350. * .4 .5 .3 .1
355. * .5 .7 .3 .2
360. * .6 .6 .4 .2
-----
MAX * .6 .7 .5 .5
DEGR. * 0 355 10 45

```

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 355 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 10 DEGREES FROM REC3 .

```

S9 B115 PM			60.0175.0.0000.000	40.30480000	11	1	
REC 9-1	242935.	547599.	5.				
REC 9-2	243016.	547505.	5.				
REC 9-3	243042.	547332.	5.				
REC 9-4	242900.	547269.	5.				
CHURCH AND STALEYBRIDGE PM			14	1	0		
1							
1	NB GP	AG242847.548677.243111.548116.	7300	4.7	0.56.	67	
0	1	NB GP	AG243111.548116.243365.547587.	7300	4.7	0.56.	67
0	1	NB GP	AG243365.547587.243712.546883.	7300	4.7	0.56.	67
0	1	NB ETL	AG242784.548653.243045.548121.	2375	4.5	0.44.	62
0	1	NB ETL	AG243045.548121.243329.547524.	2375	4.5	0.44.	62
0	1	NB ETL	AG243329.547524.243665.546853.	2375	4.5	0.44.	62
0	1	SB GP	AG243563.546817.243216.547513.	3925	4.7	0.56.	68
0	1	SB GP	AG243216.547513.242960.548053.	3925	4.7	0.56.	68
0	1	SB GP	AG242960.548053.242690.548608.	3925	4.7	0.56.	68
0	1	SB ETL	AG243621.546842.243524.547020.	1325	4.6	0.44.	63
0	1	SB ETL	AG243524.547020.243056.547995.	1325	4.6	0.44.	63
0	1	SB ETL	AG243056.547995.242740.548636.	1325	4.6	0.44.	63
0	1	NB BUS	AG243002.548727.243867.546978.	12	2.1	0.32.	28
0	1	SB BUS	AG243815.546953.242945.548714.	12	2.1	0.32.	28
1.0	0.4	1000.0.0Y	5	0	72		

1

PAGE 1

JOB: S9 B115 PM
DATE: 04/23/2007 TIME: 21:21:59.19

RUN: CHURCH AND STALEYBRIDGE PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	7300.	4.7	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	7300.	4.7	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	7300.	4.7	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2375.	4.5	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2375.	4.5	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2375.	4.5	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3925.	4.7	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3925.	4.7	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3925.	4.7	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1325.	4.6	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1325.	4.6	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1325.	4.6	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	2.1	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	2.1	.0	32.0	

1

JOB: S9 B115 PM
DATE: 04/23/2007 TIME: 21:21:59.19

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B115 PM

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .5	* .6	* .3	* .2
5.	* .4	* .5	* .5	* .2
10.	* .5	* .5	* .6	* .3
15.	* .4	* .6	* .5	* .3
20.	* .5	* .5	* .5	* .2
25.	* .6	* .5	* .4	* .2
30.	* .5	* .5	* .4	* .3
35.	* .5	* .5	* .4	* .3
40.	* .5	* .5	* .5	* .2
45.	* .5	* .5	* .5	* .2
50.	* .5	* .5	* .3	* .2
55.	* .5	* .5	* .3	* .3
60.	* .5	* .5	* .2	* .3
65.	* .5	* .5	* .3	* .2
70.	* .5	* .6	* .5	* .2
75.	* .5	* .5	* .4	* .2
80.	* .5	* .5	* .4	* .3
85.	* .5	* .5	* .5	* .3
90.	* .5	* .4	* .5	* .4
95.	* .3	* .5	* .5	* .3
100.	* .4	* .5	* .5	* .3
105.	* .4	* .5	* .5	* .2
110.	* .5	* .5	* .5	* .2
115.	* .4	* .5	* .5	* .2
120.	* .5	* .5	* .4	* .2
125.	* .5	* .5	* .3	* .1
130.	* .5	* .5	* .2	* .0
135.	* .3	* .3	* .1	* .0
140.	* .2	* .2	* .1	* .0
145.	* .1	* .1	* .0	* .0
150.	* .1	* .1	* .0	* .0
155.	* .0	* .0	* .0	* .0
160.	* .0	* .0	* .0	* .0
165.	* .0	* .0	* .0	* .0
170.	* .0	* .0	* .0	* .0
175.	* .0	* .0	* .0	* .0
180.	* .0	* .0	* .0	* .0

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B115BP.OUT

1

JOB: S9 B115 PM

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .0 .0 .0
335. * .0 .1 .0 .0
340. * .1 .1 .1 .0
345. * .1 .3 .2 .0
350. * .2 .3 .3 .1
355. * .3 .3 .3 .2
360. * .5 .6 .3 .2
-----
MAX * .6 .6 .6 .4
DEGR. * 25 0 10 90

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 25 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 10 DEGREES FROM REC3 .

```

S9 B215 AM		60.0175.0.0000.000		40.30480000		S9B215BA		11	1
REC 9-1	242935.	547599.	5.						
REC 9-2	243016.	547505.	5.						
REC 9-3	243042.	547332.	5.						
REC 9-4	242900.	547269.	5.						
CHURCH AND STALEYBRIDGE AM				14	1	0			
1									
1	NB GP	AG242847.548677.243111.548116.	3300	4.7	0.	56.	67		
0	1	NB GP	AG243111.548116.243365.547587.	3300	4.7	0.	56.	67	
0	1	NB GP	AG243365.547587.243712.546883.	3300	4.7	0.	56.	67	
0	1	NB ETL	AG242784.548653.243045.548121.	1375	4.6	0.	44.	63	
0	1	NB ETL	AG243045.548121.243329.547524.	1375	4.6	0.	44.	63	
0	1	NB ETL	AG243329.547524.243665.546853.	1375	4.6	0.	44.	63	
0	1	SB GP	AG243563.546817.243216.547513.	8250	4.6	0.	56.	63	
0	1	SB GP	AG243216.547513.242960.548053.	8250	4.6	0.	56.	63	
0	1	SB GP	AG242960.548053.242690.548608.	8250	4.6	0.	56.	63	
0	1	SB ETL	AG243621.546842.243524.547020.	2425	4.5	0.	44.	62	
0	1	SB ETL	AG243524.547020.243056.547995.	2425	4.5	0.	44.	62	
0	1	SB ETL	AG243056.547995.242740.548636.	2425	4.5	0.	44.	62	
0	1	NB BUS	AG243002.548727.243867.546978.	18	0.4	0.	32.	28	
0	1	SB BUS	AG243815.546953.242945.548714.	19	0.4	0.	32.	28	
1.0	0.4	1000.	0.0Y	5	0	72			

1

PAGE 1

JOB: S9 B215 AM
DATE: 03/15/2007

TIME: 11:12:00.42

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3300.	4.7	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3300.	4.7	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3300.	4.7	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1375.	4.6	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1375.	4.6	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1375.	4.6	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	8250.	4.6	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	8250.	4.6	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	8250.	4.6	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2425.	4.5	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2425.	4.5	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2425.	4.5	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

1

JOB: S9 B215 AM
DATE: 03/15/2007

TIME: 11:12:00.42

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B215 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .6	* .6	* .5	* .2
5.	* .6	* .7	* .5	* .2
10.	* .6	* .6	* .5	* .3
15.	* .5	* .6	* .5	* .2
20.	* .4	* .6	* .5	* .3
25.	* .5	* .6	* .5	* .4
30.	* .5	* .6	* .5	* .4
35.	* .5	* .6	* .5	* .4
40.	* .5	* .6	* .5	* .4
45.	* .5	* .6	* .5	* .5
50.	* .5	* .6	* .4	* .3
55.	* .5	* .6	* .6	* .3
60.	* .5	* .6	* .5	* .4
65.	* .5	* .6	* .5	* .4
70.	* .5	* .5	* .5	* .4
75.	* .5	* .6	* .5	* .4
80.	* .5	* .6	* .5	* .4
85.	* .5	* .6	* .5	* .4
90.	* .5	* .6	* .5	* .4
95.	* .6	* .6	* .5	* .4
100.	* .6	* .6	* .5	* .3
105.	* .6	* .6	* .5	* .3
110.	* .6	* .6	* .5	* .3
115.	* .6	* .6	* .5	* .2
120.	* .6	* .6	* .5	* .2
125.	* .6	* .6	* .3	* .1
130.	* .6	* .6	* .3	* .1
135.	* .3	* .4	* .2	* .0
140.	* .3	* .3	* .1	* .0
145.	* .2	* .2	* .1	* .0
150.	* .1	* .1	* .0	* .0
155.	* .1	* .1	* .0	* .0
160.	* .0	* .0	* .0	* .0
165.	* .0	* .0	* .0	* .0
170.	* .0	* .0	* .0	* .0
175.	* .0	* .0	* .0	* .0
180.	* .0	* .0	* .0	* .0

S9B215BA

185. * .0 .0 .0 .0
 190. * .0 .0 .0 .0
 195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

1

JOB: S9 B215 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.0	.0	.0	.0
330.	.0	.1	.0	.0
335.	.1	.1	.1	.0
340.	.1	.3	.2	.0
345.	.2	.3	.2	.1
350.	.4	.6	.3	.1
355.	.5	.7	.4	.2
360.	.6	.6	.5	.2
MAX	.6	.7	.6	.5
DEGR.	0	5	55	45

THE HIGHEST CONCENTRATION IS .70 PPM AT 5 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 55 DEGREES FROM REC3 .

S9 B215 AM			60.0175.0.0000.000	40.30480000	11	1	
REC 9-1	242935.	547599.	5.				
REC 9-2	243016.	547505.	5.				
REC 9-3	243042.	547332.	5.				
REC 9-4	242900.	547269.	5.				
CHURCH AND STALEYBRIDGE AM			14	1	0		
1							
1	NB GP	AG242847.548677.243111.548116.	7150	3.9	0.56.	51	
0	1	NB GP	AG243111.548116.243365.547587.	7150	3.9	0.56.	51
0	1	NB GP	AG243365.547587.243712.546883.	7150	3.9	0.56.	51
0	1	NB ETL	AG242784.548653.243045.548121.	2475	4.5	0.44.	62
0	1	NB ETL	AG243045.548121.243329.547524.	2475	4.5	0.44.	62
0	1	NB ETL	AG243329.547524.243665.546853.	2475	4.5	0.44.	62
0	1	SB GP	AG243563.546817.243216.547513.	3950	4.7	0.56.	68
0	1	SB GP	AG243216.547513.242960.548053.	3950	4.7	0.56.	67
0	1	SB GP	AG242960.548053.242690.548608.	3950	4.7	0.56.	67
0	1	SB ETL	AG243621.546842.243524.547020.	1375	4.7	0.44.	64
0	1	SB ETL	AG243524.547020.243056.547995.	1375	4.7	0.44.	64
0	1	SB ETL	AG243056.547995.242740.548636.	1375	4.7	0.44.	64
0	1	NB BUS	AG243002.548727.243867.546978.	12	0.4	0.32.	28
0	1	SB BUS	AG243815.546953.242945.548714.	12	0.4	0.32.	28
1.0	0.4	1000.0.0Y	5	0	72		

1

PAGE 1

JOB: S9 B215 AM
DATE: 04/11/2007 TIME: 15:14:30.56

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	7150.	3.9	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	7150.	3.9	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	7150.	3.9	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2475.	4.5	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2475.	4.5	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2475.	4.5	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3950.	4.7	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3950.	4.7	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3950.	4.7	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1375.	4.7	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1375.	4.7	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1375.	4.7	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S9 B215 AM
DATE: 04/11/2007 TIME: 15:14:30.56

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B215 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .4	* .4	* .3	* .2
5.	* .4	* .5	* .5	* .2
10.	* .3	* .5	* .5	* .3
15.	* .4	* .5	* .4	* .3
20.	* .5	* .5	* .5	* .2
25.	* .4	* .5	* .4	* .3
30.	* .4	* .5	* .4	* .3
35.	* .5	* .5	* .3	* .3
40.	* .5	* .5	* .4	* .3
45.	* .5	* .5	* .4	* .2
50.	* .5	* .5	* .3	* .2
55.	* .5	* .5	* .3	* .3
60.	* .5	* .5	* .2	* .2
65.	* .5	* .4	* .3	* .2
70.	* .5	* .5	* .4	* .2
75.	* .5	* .5	* .5	* .2
80.	* .4	* .5	* .4	* .3
85.	* .4	* .3	* .5	* .3
90.	* .5	* .4	* .5	* .3
95.	* .3	* .5	* .5	* .3
100.	* .3	* .6	* .5	* .3
105.	* .4	* .6	* .5	* .3
110.	* .5	* .6	* .5	* .2
115.	* .4	* .6	* .4	* .2
120.	* .5	* .6	* .4	* .1
125.	* .5	* .5	* .3	* .1
130.	* .4	* .4	* .2	* .0
135.	* .3	* .4	* .1	* .0
140.	* .2	* .2	* .1	* .0
145.	* .1	* .1	* .0	* .0
150.	* .1	* .1	* .0	* .0
155.	* .0	* .0	* .0	* .0
160.	* .0	* .0	* .0	* .0
165.	* .0	* .0	* .0	* .0
170.	* .0	* .0	* .0	* .0
175.	* .0	* .0	* .0	* .0
180.	* .0	* .0	* .0	* .0

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B215BP.OUT

1

JOB: S9 B215 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .0 .0 .0
335. * .0 .1 .0 .0
340. * .1 .1 .1 .0
345. * .1 .3 .2 .0
350. * .2 .3 .3 .1
355. * .4 .3 .3 .2
360. * .4 .4 .3 .2
-----
MAX * .5 .6 .5 .3
DEGR. * 20 100 5 10

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 100 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 20 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC3 .

```

S9 NB30AM				60.0175.0.0000.000 40.30480000				S9NB30AM.DAT		11	1	
REC 9-1	242935.	547599.	5.									
REC 9-2	243016.	547505.	5.									
REC 9-3	243042.	547332.	5.									
REC 9-4	242900.	547269.	5.									
CHURCH AND STALEYBRIDGE				12	1	0						
1												
1	NB 270	AG242823.548671.243044.548194.	4225 4.2 0. 56.	66								
0	1	NB 270	AG243044.548194.243281.547684.	4225 4.2 0. 56.	66							
0	1	NB 270	AG243281.547684.243686.546872.	4225 4.2 0. 56.	66							
0	1	NB HOV	AG242789.548654.243080.548053.	013.6 0. 32.	66							
0	1	NB HOV	AG243080.548053.243457.547263.	013.6 0. 32.	66							
0	1	NB HOV	AG243457.547263.243673.546858.	013.6 0. 32.	66							
0	1	SB HOV	AG243641.546848.243398.547326.	013.6 0. 32.	61.6							
0	1	SB HOV	AG243398.547326.242919.548303.	013.6 0. 32.	61.6							
0	1	SB HOV	AG242919.548303.242760.548637.	013.6 0. 32.	61.6							
0	1	SB 270	AG243616.546843.243406.547234.	9825 2.7 0. 56.	36							
0	1	SB 270	AG243406.547234.242859.548364.	9825 2.7 0. 56.	36							
0	1	SB 270	AG242859.548364.242739.548625.	9825 2.7 0. 56.	36							
1.0	0.4	1000. 0.0Y	5 0 72									

1

JOB: S9 NB30AM
DATE: 12/18/2006 TIME: 14:52:58.11

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	4225.	4.2	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	4225.	4.2	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	4225.	4.2	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	9825.	2.7	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	9825.	2.7	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	9825.	2.7	.0	56.0	

1

JOB: S9 NB30AM
DATE: 12/18/2006 TIME: 14:52:58.11

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 NB30AM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.3	.4	.3	.1
5.	.3	.3	.3	.1
10.	.4	.3	.3	.2
15.	.3	.3	.3	.3
20.	.3	.3	.3	.3
25.	.3	.3	.3	.2
30.	.3	.3	.3	.2
35.	.3	.3	.4	.2
40.	.3	.3	.3	.2
45.	.3	.3	.3	.1
50.	.3	.3	.3	.2
55.	.3	.4	.3	.2
60.	.3	.3	.3	.2
65.	.3	.3	.3	.2
70.	.3	.3	.3	.2
75.	.4	.3	.3	.2
80.	.3	.3	.3	.2
85.	.3	.3	.3	.2
90.	.3	.3	.3	.3
95.	.3	.3	.3	.3
100.	.3	.3	.3	.2
105.	.3	.3	.3	.2
110.	.3	.3	.3	.2
115.	.3	.4	.3	.2
120.	.4	.4	.3	.1
125.	.3	.3	.3	.1
130.	.3	.3	.1	.0
135.	.3	.3	.1	.0
140.	.1	.1	.1	.0
145.	.1	.1	.0	.0
150.	.0	.0	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0

195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

S9NB30AM.OUT

1

JOB: S9 NB30AM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.1	.0	.0
345.	*	.1	.1	.1	.0
350.	*	.2	.3	.1	.0
355.	*	.3	.3	.3	.1
360.	*	.3	.4	.3	.1
MAX	*	.4	.4	.4	.3
DEGR.	*	10	0	35	15

THE HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 35 DEGREES FROM REC3 .

S9 NB30PM				60.0175.0.0000.000 40.30480000				S9NB30PM.DAT		11	1
REC 9-1	242935.	547599.	5.								
REC 9-2	243016.	547505.	5.								
REC 9-3	243042.	547332.	5.								
REC 9-4	242900.	547269.	5.								
CHURCH AND STALEYBRIDGE				12	1	0					
1											
1	NB 270	AG242823.548671.243044.548194.		9125	2.7	0.	56.	32			
0	1	NB 270	AG243044.548194.243281.547684.		9125	2.7	0.	56.	32		
0	1	NB 270	AG243281.547684.243686.546872.		9125	2.7	0.	56.	32		
0	1	NB HOV	AG242789.548654.243080.548053.		013.6	0.	32.	66			
0	1	NB HOV	AG243080.548053.243457.547263.		013.6	0.	32.	66			
0	1	NB HOV	AG243457.547263.243673.546858.		013.6	0.	32.	66			
0	1	SB HOV	AG243641.546848.243398.547326.		013.6	0.	32.	61.6			
0	1	SB HOV	AG243398.547326.242919.548303.		013.6	0.	32.	61.6			
0	1	SB HOV	AG242919.548303.242760.548637.		013.6	0.	32.	61.6			
0	1	SB 270	AG243616.546843.243406.547234.		5075	4.2	0.	56.	66		
0	1	SB 270	AG243406.547234.242859.548364.		5075	4.2	0.	56.	66		
0	1	SB 270	AG242859.548364.242739.548625.		5075	4.2	0.	56.	66		
1.0	0.4	1000.	0.0Y	5	0	72					

1

JOB: S9 NB30PM
DATE: 12/18/2006

TIME: 14:53:34.53

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 242823.0	548671.0	243044.0	548194.0	* 526.	155. AG	9125.	2.7	.0	56.0	
2. 0 NB 270	* 243044.0	548194.0	243281.0	547684.0	* 562.	155. AG	9125.	2.7	.0	56.0	
3. 0 NB 270	* 243281.0	547684.0	243686.0	546872.0	* 907.	153. AG	9125.	2.7	.0	56.0	
4. NB HOV	* 242789.0	548654.0	243080.0	548053.0	* 668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	* 243080.0	548053.0	243457.0	547263.0	* 875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	* 243457.0	547263.0	243673.0	546858.0	* 459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	* 243641.0	546848.0	243398.0	547326.0	* 536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	* 243398.0	547326.0	242919.0	548303.0	* 1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	* 242919.0	548303.0	242760.0	548637.0	* 370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	* 243616.0	546843.0	243406.0	547234.0	* 444.	332. AG	5075.	4.2	.0	56.0	
11. 0 SB 270	* 243406.0	547234.0	242859.0	548364.0	* 1255.	334. AG	5075.	4.2	.0	56.0	
12. 0 SB 270	* 242859.0	548364.0	242739.0	548625.0	* 287.	335. AG	5075.	4.2	.0	56.0	

1

JOB: S9 NB30PM
DATE: 12/18/2006

TIME: 14:53:34.53

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
1. NB 270	* 242823.0	548671.0	243044.0	548194.0	* 526.	155. AG	9125.	2.7
2. 0 NB 270	* 243044.0	548194.0	243281.0	547684.0	* 562.	155. AG	9125.	2.7
3. 0 NB 270	* 243281.0	547684.0	243686.0	546872.0	* 907.	153. AG	9125.	2.7
4. NB HOV	* 242789.0	548654.0	243080.0	548053.0	* 668.	154. AG	0.	13.6
5. 0 NB HOV	* 243080.0	548053.0	243457.0	547263.0	* 875.	154. AG	0.	13.6
6. 0 NB HOV	* 243457.0	547263.0	243673.0	546858.0	* 459.	152. AG	0.	13.6
7. 0 SB HOV	* 243641.0	546848.0	243398.0	547326.0	* 536.	333. AG	0.	13.6
8. 0 SB HOV	* 243398.0	547326.0	242919.0	548303.0	* 1088.	334. AG	0.	13.6
9. 0 SB HOV	* 242919.0	548303.0	242760.0	548637.0	* 370.	335. AG	0.	13.6
10. 0 SB 270	* 243616.0	546843.0	243406.0	547234.0	* 444.	332. AG	5075.	4.2
11. 0 SB 270	* 243406.0	547234.0	242859.0	548364.0	* 1255.	334. AG	5075.	4.2
12. 0 SB 270	* 242859.0	548364.0	242739.0	548625.0	* 287.	335. AG	5075.	4.2

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 9-1	* 242935.0	547599.0	5.0	*
2. REC 9-2	* 243016.0	547505.0	5.0	*
3. REC 9-3	* 243042.0	547332.0	5.0	*
4. REC 9-4	* 242900.0	547269.0	5.0	*

1

JOB: S9 NB30PM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4
0.	* .2	.4	.4	.2
5.	* .4	.4	.3	.3
10.	* .4	.3	.3	.2
15.	* .4	.4	.3	.2
20.	* .3	.4	.3	.2
25.	* .3	.4	.3	.2
30.	* .4	.4	.4	.2
35.	* .4	.4	.4	.2
40.	* .4	.4	.3	.2
45.	* .4	.3	.3	.2
50.	* .4	.4	.3	.2
55.	* .3	.4	.3	.2
60.	* .3	.4	.3	.2
65.	* .3	.3	.3	.2
70.	* .3	.3	.3	.2
75.	* .4	.4	.3	.2
80.	* .4	.4	.2	.2
85.	* .3	.4	.3	.2
90.	* .3	.4	.3	.2
95.	* .3	.4	.3	.3
100.	* .4	.4	.4	.2
105.	* .4	.4	.4	.2
110.	* .4	.4	.4	.2
115.	* .4	.4	.2	.2
120.	* .3	.4	.2	.2
125.	* .4	.4	.2	.1
130.	* .3	.3	.2	.0
135.	* .3	.2	.1	.0
140.	* .2	.2	.0	.0
145.	* .1	.1	.0	.0
150.	* .0	.0	.0	.0
155.	* .0	.0	.0	.0
160.	* .0	.0	.0	.0
165.	* .0	.0	.0	.0
170.	* .0	.0	.0	.0
175.	* .0	.0	.0	.0
180.	* .0	.0	.0	.0
185.	* .0	.0	.0	.0
190.	* .0	.0	.0	.0

195. * .0 .0 .0 .0
 200. * .0 .0 .0 .0
 205. * .0 .0 .0 .0

S9NB30PM.OUT

1

JOB: S9 NB30PM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.1	.0	.0
345.	*	.0	.2	.1	.0
350.	*	.2	.2	.2	.0
355.	*	.2	.4	.3	.2
360.	*	.2	.4	.4	.2
MAX	*	.4	.4	.4	.3
DEGR.	*	5	0	0	5

THE HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC3 .

S9 B130 AM			60.0175.0.0000.000	40.30480000	11	1
REC 9-1	242935.	547599.	5.			
REC 9-2	243016.	547505.	5.			
REC 9-3	243042.	547332.	5.			
REC 9-4	242900.	547269.	5.			
CHURCH AND STALEYBRIDGE AM			14	1	0	
1						
1	NB GP	AG242847.548677.243111.548116.	3125	4.2	0.56.	65
0	1	NB GP	AG243111.548116.243365.547587.	3125	4.2	0.56.
0	1	NB GP	AG243365.547587.243712.546883.	3125	4.2	0.56.
0	1	NB ETL	AG242784.548653.243045.548121.	1275	4.2	0.44.
0	1	NB ETL	AG243045.548121.243329.547524.	1275	4.2	0.44.
0	1	NB ETL	AG243329.547524.243665.546853.	1275	4.2	0.44.
0	1	SB GP	AG243563.546817.243216.547513.	7200	3.9	0.56.
0	1	SB GP	AG243216.547513.242960.548053.	7200	3.9	0.56.
0	1	SB GP	AG242960.548053.242690.548608.	7200	3.9	0.56.
0	1	SB ETL	AG243621.546842.243524.547020.	2800	3.9	0.44.
0	1	SB ETL	AG243524.547020.243056.547995.	2800	3.9	0.44.
0	1	SB ETL	AG243056.547995.242740.548636.	2800	3.9	0.44.
0	1	NB BUS	AG243002.548727.243867.546978.	18	0.4	0.32.
0	1	SB BUS	AG243815.546953.242945.548714.	19	0.4	0.32.
1.0	0.4	1000.0.0Y	5	0	72	

1

JOB: S9 B130 AM
DATE: 01/10/2007 TIME: 11:39:06.48

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3125.	4.2	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3125.	4.2	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3125.	4.2	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1275.	4.2	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1275.	4.2	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1275.	4.2	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	7200.	3.9	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	7200.	3.9	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	7200.	3.9	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2800.	3.9	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2800.	3.9	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2800.	3.9	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

1

JOB: S9 B130 AM
DATE: 01/10/2007 TIME: 11:39:06.48

RUN: CHURCH AND STALEYBRIDGE AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B130 AM

RUN: CHURCH AND STALEYBRIDGE AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .5	.5	.3	.2	
5.	* .5	.6	.3	.2	
10.	* .5	.5	.5	.2	
15.	* .3	.5	.5	.2	
20.	* .3	.5	.4	.2	
25.	* .4	.5	.4	.4	
30.	* .5	.5	.4	.4	
35.	* .5	.5	.5	.4	
40.	* .5	.5	.4	.3	
45.	* .4	.5	.4	.2	
50.	* .4	.5	.4	.3	
55.	* .4	.5	.3	.3	
60.	* .4	.5	.4	.2	
65.	* .4	.5	.4	.2	
70.	* .4	.5	.4	.4	
75.	* .4	.3	.4	.4	
80.	* .4	.4	.4	.4	
85.	* .4	.5	.4	.4	
90.	* .3	.5	.4	.4	
95.	* .3	.5	.4	.4	
100.	* .5	.5	.4	.3	
105.	* .5	.5	.5	.3	
110.	* .5	.5	.5	.2	
115.	* .5	.5	.5	.1	
120.	* .4	.5	.4	.1	
125.	* .5	.5	.2	.1	
130.	* .5	.5	.2	.1	
135.	* .2	.3	.2	.0	
140.	* .2	.2	.1	.0	
145.	* .1	.2	.1	.0	
150.	* .1	.1	.0	.0	
155.	* .0	.0	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B130BA.OUT

1

JOB: S9 B130 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .0 .0 .0
335. * .1 .1 .1 .0
340. * .1 .1 .1 .0
345. * .1 .2 .2 .1
350. * .3 .3 .2 .1
355. * .4 .5 .3 .1
360. * .5 .5 .3 .2
-----
MAX * .5 .6 .5 .4
DEGR. * 0 5 10 25

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 5 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 10 DEGREES FROM REC3 .

```

S9 B130 PM				60.0175.0.0000.000 40.30480000				S9B130BP.DAT		11	1
REC 9-1	242935.	547599.	5.								
REC 9-2	243016.	547505.	5.								
REC 9-3	243042.	547332.	5.								
REC 9-4	242900.	547269.	5.								
CHURCH AND STALEYBRIDGE PM				14	1	0					
1											
1	NB GP	AG242847.548677.243111.548116.	6375 4.2 0. 56.	66							
0 1	NB GP	AG243111.548116.243365.547587.	6375 4.2 0. 56.	66							
0 1	NB GP	AG243365.547587.243712.546883.	6375 4.2 0. 56.	66							
0 1	NB ETL	AG242784.548653.243045.548121.	2975 4.2 0. 44.	67							
0 1	NB ETL	AG243045.548121.243329.547524.	2975 4.2 0. 44.	67							
0 1	NB ETL	AG243329.547524.243665.546853.	2975 4.2 0. 44.	67							
0 1	SB GP	AG243563.546817.243216.547513.	3875 4.2 0. 56.	67							
0 1	SB GP	AG243216.547513.242960.548053.	3875 4.2 0. 56.	67							
0 1	SB GP	AG242960.548053.242690.548608.	3875 4.2 0. 56.	67							
0 1	SB ETL	AG243621.546842.243524.547020.	1100 4.2 0. 44.	65							
0 1	SB ETL	AG243524.547020.243056.547995.	1100 4.2 0. 44.	65							
0 1	SB ETL	AG243056.547995.242740.548636.	1100 4.2 0. 44.	65							
0 1	NB BUS	AG243002.548727.243867.546978.	12 0.4 0. 32.	28							
0 1	SB BUS	AG243815.546953.242945.548714.	12 0.4 0. 32.	28							
1.0 0.4 1000. 0.0Y	5	0 72									

1

PAGE 1

JOB: S9 B130 PM
DATE: 01/10/2007 TIME: 11:39:39.88

RUN: CHURCH AND STALEYBRIDGE PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	6375.	4.2	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	6375.	4.2	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	6375.	4.2	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2975.	4.2	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2975.	4.2	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2975.	4.2	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3875.	4.2	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3875.	4.2	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3875.	4.2	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1100.	4.2	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1100.	4.2	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1100.	4.2	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S9 B130 PM
DATE: 01/10/2007 TIME: 11:39:39.88

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B130 PM

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .4	* .3	* .3	* .2
5.	* .4	* .5	* .4	* .2
10.	* .2	* .5	* .4	* .2
15.	* .4	* .5	* .3	* .3
20.	* .4	* .5	* .4	* .3
25.	* .3	* .5	* .4	* .3
30.	* .3	* .5	* .4	* .3
35.	* .3	* .5	* .3	* .3
40.	* .4	* .5	* .4	* .3
45.	* .4	* .5	* .4	* .3
50.	* .4	* .5	* .4	* .2
55.	* .4	* .5	* .3	* .3
60.	* .4	* .5	* .2	* .2
65.	* .4	* .4	* .3	* .2
70.	* .4	* .3	* .3	* .2
75.	* .3	* .4	* .3	* .3
80.	* .3	* .4	* .4	* .3
85.	* .3	* .3	* .4	* .3
90.	* .4	* .4	* .4	* .3
95.	* .4	* .5	* .4	* .3
100.	* .2	* .4	* .4	* .3
105.	* .4	* .5	* .4	* .3
110.	* .5	* .5	* .4	* .3
115.	* .4	* .5	* .3	* .2
120.	* .4	* .5	* .3	* .1
125.	* .4	* .5	* .3	* .1
130.	* .4	* .4	* .2	* .0
135.	* .3	* .4	* .1	* .0
140.	* .2	* .2	* .1	* .0
145.	* .1	* .1	* .0	* .0
150.	* .0	* .1	* .0	* .0
155.	* .0	* .0	* .0	* .0
160.	* .0	* .0	* .0	* .0
165.	* .0	* .0	* .0	* .0
170.	* .0	* .0	* .0	* .0
175.	* .0	* .0	* .0	* .0
180.	* .0	* .0	* .0	* .0

185.	*	.0	.0	.0	.0
190.	*	.0	.0	.0	.0
195.	*	.0	.0	.0	.0
200.	*	.0	.0	.0	.0
205.	*	.0	.0	.0	.0

1

S9B130BP.OUT

JOB: S9 B130 PM

RUN: CHURCH AND STALEYBRIDGE PM

PAGE 4

WIND * CONCENTRATION					
ANGLE * (PPM)					
(DEGR)	*	REC1	REC2	REC3	REC4

210.	*	.0	.0	.0	.0
215.	*	.0	.0	.0	.0
220.	*	.0	.0	.0	.0
225.	*	.0	.0	.0	.0
230.	*	.0	.0	.0	.0
235.	*	.0	.0	.0	.0
240.	*	.0	.0	.0	.0
245.	*	.0	.0	.0	.0
250.	*	.0	.0	.0	.0
255.	*	.0	.0	.0	.0
260.	*	.0	.0	.0	.0
265.	*	.0	.0	.0	.0
270.	*	.0	.0	.0	.0
275.	*	.0	.0	.0	.0
280.	*	.0	.0	.0	.0
285.	*	.0	.0	.0	.0
290.	*	.0	.0	.0	.0
295.	*	.0	.0	.0	.0
300.	*	.0	.0	.0	.0
305.	*	.0	.0	.0	.0
310.	*	.0	.0	.0	.0
315.	*	.0	.0	.0	.0
320.	*	.0	.0	.0	.0
325.	*	.0	.0	.0	.0
330.	*	.0	.0	.0	.0
335.	*	.0	.0	.0	.0
340.	*	.1	.1	.0	.0
345.	*	.1	.2	.1	.0
350.	*	.2	.4	.3	.0
355.	*	.3	.4	.3	.2
360.	*	.4	.3	.3	.2

MAX	*	.5	.5	.4	.3
DEGR.	*	110	5	5	15

THE HIGHEST CONCENTRATION IS .50 PPM AT 110 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC3 .

S9 B230 AM				60.0175.0.0000.000 40.30480000				S9B230BA.DAT		11	1
REC 9-1	242935.	547599.	5.								
REC 9-2	243016.	547505.	5.								
REC 9-3	243042.	547332.	5.								
REC 9-4	242900.	547269.	5.								
CHURCH AND STALEYBRIDGE AM				14	1	0					
1											
1	NB GP	AG242847.548677.243111.548116.	1850 4.2 0. 56.	65							
0 1	NB GP	AG243111.548116.243365.547587.	1850 4.2 0. 56.	65							
0 1	NB GP	AG243365.547587.243712.546883.	1850 4.2 0. 56.	65							
0 1	NB ETL	AG242784.548653.243045.548121.	1325 4.1 0. 44.	63							
0 1	NB ETL	AG243045.548121.243329.547524.	1325 4.1 0. 44.	63							
0 1	NB ETL	AG243329.547524.243665.546853.	1325 4.1 0. 44.	63							
0 1	SB GP	AG243563.546817.243216.547513.	6875 4.0 0. 56.	64							
0 1	SB GP	AG243216.547513.242960.548053.	6875 4.0 0. 56.	64							
0 1	SB GP	AG242960.548053.242690.548608.	6875 4.0 0. 56.	64							
0 1	SB ETL	AG243621.546842.243524.547020.	2975 3.9 0. 44.	60							
0 1	SB ETL	AG243524.547020.243056.547995.	2975 3.9 0. 44.	60							
0 1	SB ETL	AG243056.547995.242740.548636.	2975 3.9 0. 44.	60							
0 1	NB BUS	AG243002.548727.243867.546978.	18 0.4 0. 32.	28							
0 1	SB BUS	AG243815.546953.242945.548714.	19 0.4 0. 32.	28							
1.0 0.4 1000. 0.0Y	5	0 72									

1

PAGE 1

JOB: S9 B230 AM
DATE: 01/18/2007 TIME: 14:13:25.44

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	1850.	4.2	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	1850.	4.2	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	1850.	4.2	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1325.	4.1	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1325.	4.1	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1325.	4.1	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	6875.	4.0	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	6875.	4.0	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	6875.	4.0	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2975.	3.9	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2975.	3.9	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2975.	3.9	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

1

JOB: S9 B230 AM
DATE: 01/18/2007 TIME: 14:13:25.44

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B230 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.4	.4	.3	.2
5.	*	.4	.5	.3	.2
10.	*	.4	.4	.3	.1
15.	*	.2	.4	.3	.2
20.	*	.3	.4	.3	.2
25.	*	.3	.4	.3	.3
30.	*	.3	.4	.3	.3
35.	*	.3	.4	.4	.3
40.	*	.3	.4	.3	.2
45.	*	.3	.4	.3	.2
50.	*	.3	.4	.4	.3
55.	*	.3	.4	.3	.3
60.	*	.3	.4	.3	.2
65.	*	.3	.4	.3	.2
70.	*	.3	.3	.3	.2
75.	*	.3	.3	.3	.3
80.	*	.3	.4	.3	.3
85.	*	.3	.4	.3	.3
90.	*	.3	.4	.3	.3
95.	*	.3	.4	.3	.3
100.	*	.4	.4	.3	.3
105.	*	.3	.5	.3	.2
110.	*	.4	.5	.3	.2
115.	*	.4	.5	.3	.1
120.	*	.3	.4	.3	.1
125.	*	.4	.4	.2	.1
130.	*	.4	.4	.2	.1
135.	*	.3	.4	.1	.0
140.	*	.2	.2	.1	.0
145.	*	.1	.2	.1	.0
150.	*	.1	.1	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.0	.0	.0	.0
170.	*	.0	.0	.0	.0
175.	*	.0	.0	.0	.0
180.	*	.0	.0	.0	.0

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B230BA.OUT

1

JOB: S9 B230 AM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .0 .0 .0
335. * .1 .1 .1 .0
340. * .1 .1 .1 .0
345. * .1 .3 .2 .1
350. * .3 .3 .2 .1
355. * .4 .4 .4 .1
360. * .4 .4 .3 .2
-----*-----
MAX * .4 .5 .4 .3
DEGR. * 0 5 35 25

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 35 DEGREES FROM REC3 .

```

S9 B230 PM			60.0175.0.0000.000	40.30480000	S9B230BP.DAT	11	1
REC 9-1	242935.	547599.	5.				
REC 9-2	243016.	547505.	5.				
REC 9-3	243042.	547332.	5.				
REC 9-4	242900.	547269.	5.				
CHURCH AND STALEYBRIDGE AM			14	1	0		
1							
1	NB GP	AG242847.548677.243111.548116.	6075	3.6	0.56.	56	
0	1	NB GP	AG243111.548116.243365.547587.	6075	3.6	0.56.	56
0	1	NB GP	AG243365.547587.243712.546883.	6075	3.6	0.56.	56
0	1	NB ETL	AG242784.548653.243045.548121.	3350	3.9	0.44.	60
0	1	NB ETL	AG243045.548121.243329.547524.	3350	3.9	0.44.	60
0	1	NB ETL	AG243329.547524.243665.546853.	3350	3.9	0.44.	60
0	1	SB GP	AG243563.546817.243216.547513.	3650	4.1	0.56.	66
0	1	SB GP	AG243216.547513.242960.548053.	3650	4.1	0.56.	66
0	1	SB GP	AG242960.548053.242690.548608.	3650	4.1	0.56.	66
0	1	SB ETL	AG243621.546842.243524.547020.	1075	4.1	0.44.	63
0	1	SB ETL	AG243524.547020.243056.547995.	1075	4.1	0.44.	63
0	1	SB ETL	AG243056.547995.242740.548636.	1075	4.1	0.44.	63
0	1	NB BUS	AG243002.548727.243867.546978.	12	0.4	0.32.	28
0	1	SB BUS	AG243815.546953.242945.548714.	12	0.4	0.32.	28
1.0	0.4	1000.0.0Y	5	0	72		

1

JOB: S9 B230 PM
DATE: 01/18/2007 TIME: 14:14:44.92

RUN: CHURCH AND STALEYBRIDGE AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	6075.	3.6	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	6075.	3.6	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	6075.	3.6	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	3350.	3.9	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	3350.	3.9	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	3350.	3.9	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3650.	4.1	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3650.	4.1	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3650.	4.1	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1075.	4.1	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1075.	4.1	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1075.	4.1	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S9 B230 PM
DATE: 01/18/2007 TIME: 14:14:44.92

RUN: CHURCH AND STALEYBRIDGE AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 9-1	*	242935.0	547599.0	5.0	*
2. REC 9-2	*	243016.0	547505.0	5.0	*
3. REC 9-3	*	243042.0	547332.0	5.0	*
4. REC 9-4	*	242900.0	547269.0	5.0	*

1

JOB: S9 B230 PM

RUN: CHURCH AND STALEYBRIDGE AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.4	.3	.3	.2
5.	*	.4	.4	.4	.2
10.	*	.2	.5	.3	.2
15.	*	.4	.4	.3	.2
20.	*	.4	.4	.3	.3
25.	*	.3	.4	.3	.3
30.	*	.3	.4	.3	.3
35.	*	.3	.4	.3	.3
40.	*	.3	.4	.3	.3
45.	*	.3	.3	.4	.3
50.	*	.3	.3	.4	.1
55.	*	.3	.3	.2	.2
60.	*	.3	.3	.2	.2
65.	*	.3	.3	.3	.2
70.	*	.3	.3	.3	.2
75.	*	.3	.4	.3	.3
80.	*	.3	.4	.3	.3
85.	*	.3	.3	.3	.3
90.	*	.4	.4	.3	.3
95.	*	.4	.3	.3	.3
100.	*	.2	.3	.3	.3
105.	*	.4	.3	.3	.3
110.	*	.4	.4	.3	.3
115.	*	.3	.4	.3	.2
120.	*	.3	.4	.3	.1
125.	*	.3	.4	.3	.1
130.	*	.3	.4	.1	.0
135.	*	.3	.3	.1	.0
140.	*	.1	.1	.1	.0
145.	*	.1	.1	.0	.0
150.	*	.0	.1	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.0	.0	.0	.0
170.	*	.0	.0	.0	.0
175.	*	.0	.0	.0	.0
180.	*	.0	.0	.0	.0

```

185. * .0 .0 .0 .0
190. * .0 .0 .0 .0
195. * .0 .0 .0 .0
200. * .0 .0 .0 .0
205. * .0 .0 .0 .0

```

S9B230BP.OUT

1

JOB: S9 B230 PM

RUN: CHURCH AND STALEYBRIDGE AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .0 .0 .0 .0
215. * .0 .0 .0 .0
220. * .0 .0 .0 .0
225. * .0 .0 .0 .0
230. * .0 .0 .0 .0
235. * .0 .0 .0 .0
240. * .0 .0 .0 .0
245. * .0 .0 .0 .0
250. * .0 .0 .0 .0
255. * .0 .0 .0 .0
260. * .0 .0 .0 .0
265. * .0 .0 .0 .0
270. * .0 .0 .0 .0
275. * .0 .0 .0 .0
280. * .0 .0 .0 .0
285. * .0 .0 .0 .0
290. * .0 .0 .0 .0
295. * .0 .0 .0 .0
300. * .0 .0 .0 .0
305. * .0 .0 .0 .0
310. * .0 .0 .0 .0
315. * .0 .0 .0 .0
320. * .0 .0 .0 .0
325. * .0 .0 .0 .0
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .1 .1 .0 .0
345. * .1 .1 .1 .0
350. * .2 .4 .3 .0
355. * .3 .4 .2 .1
360. * .4 .3 .3 .2
-----
MAX * .4 .5 .4 .3
DEGR. * 0 10 5 20

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 10 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC3 .

```

Site 10

Staleybridge Road - Residence

S10 EXAM			60.0175.0.0000.000	40.30480000	S10EXAM.DAT	11	1
REC 10-1	243392.	547994.	5.				
REC 10-2	243470.	547833.	5.				
REC 10-3	243569.	547637.	5.				
REC 10-4	243642.	547500.	5.				
CHURCH AND STALEYBRIDGE			12	1	0		
1							
1	NB 270	AG242823.548671.243044.548194.		3282 4.0 0. 56.		66	
0	1	NB 270	AG243044.548194.243281.547684.		3282 4.0 0. 56.	66	
0	1	NB 270	AG243281.547684.243686.546872.		3282 4.0 0. 56.	66	
0	1	NB H0V	AG242789.548654.243080.548053.		0 4.0 0. 32.	66	
0	1	NB H0V	AG243080.548053.243457.547263.		0 4.0 0. 32.	66	
0	1	NB H0V	AG243457.547263.243673.546858.		0 4.0 0. 32.	66	
0	1	SB H0V	AG243641.546848.243398.547326.		0 4.0 0. 32.	61.6	
0	1	SB H0V	AG243398.547326.242919.548303.		0 4.0 0. 32.	61.6	
0	1	SB H0V	AG242919.548303.242760.548637.		0 4.0 0. 32.	61.6	
0	1	SB 270	AG243616.546843.243406.547234.		7270 4.0 0. 56.	61.6	
0	1	SB 270	AG243406.547234.242859.548364.		7270 4.0 0. 56.	61.6	
0	1	SB 270	AG242859.548364.242739.548625.		7270 4.0 0. 56.	61.6	
1.0	0.4	1000. 0.0Y	5 0 72				

1

JOB: S10 EXAM

DATE: 01/10/2007 TIME: 11:44:00.61

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1.	NB 270	* 242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	3282.	4.0	.0	56.0	
2.	NB 270	* 243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	3282.	4.0	.0	56.0	
3.	NB 270	* 243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	3282.	4.0	.0	56.0	
4.	NB HOV	* 242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	4.0	.0	32.0	
5.	NB HOV	* 243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	4.0	.0	32.0	
6.	NB HOV	* 243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	4.0	.0	32.0	
7.	SB HOV	* 243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	4.0	.0	32.0	
8.	SB HOV	* 243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	4.0	.0	32.0	
9.	SB HOV	* 242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	4.0	.0	32.0	
10.	SB 270	* 243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	7270.	4.0	.0	56.0	
11.	SB 270	* 243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	7270.	4.0	.0	56.0	
12.	SB 270	* 242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	7270.	4.0	.0	56.0	

1

JOB: S10 EXAM

DATE: 01/10/2007 TIME: 11:44:00.61

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 EXAM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .0	* .0	* .0	* .0
5.	* .0	* .0	* .0	* .0
10.	* .0	* .0	* .0	* .0
15.	* .0	* .0	* .0	* .0
20.	* .0	* .0	* .0	* .0
25.	* .0	* .0	* .0	* .0
30.	* .0	* .0	* .0	* .0
35.	* .0	* .0	* .0	* .0
40.	* .0	* .0	* .0	* .0
45.	* .0	* .0	* .0	* .0
50.	* .0	* .0	* .0	* .0
55.	* .0	* .0	* .0	* .0
60.	* .0	* .0	* .0	* .0
65.	* .0	* .0	* .0	* .0
70.	* .0	* .0	* .0	* .0
75.	* .0	* .0	* .0	* .0
80.	* .0	* .0	* .0	* .0
85.	* .0	* .0	* .0	* .0
90.	* .0	* .0	* .0	* .0
95.	* .0	* .0	* .0	* .0
100.	* .0	* .0	* .0	* .0
105.	* .0	* .0	* .0	* .0
110.	* .0	* .0	* .0	* .0
115.	* .0	* .0	* .0	* .0
120.	* .0	* .0	* .0	* .0
125.	* .0	* .0	* .0	* .0
130.	* .0	* .0	* .0	* .0
135.	* .0	* .0	* .0	* .0
140.	* .0	* .0	* .0	* .0
145.	* .0	* .0	* .0	* .0
150.	* .0	* .0	* .0	* .0
155.	* .0	* .0	* .0	* .0
160.	* .1	* .0	* .0	* .0
165.	* .2	* .2	* .0	* .0
170.	* .3	* .2	* .2	* .0
175.	* .3	* .2	* .2	* .2
180.	* .3	* .3	* .2	* .2
185.	* .4	* .3	* .3	* .2
190.	* .3	* .3	* .3	* .3

```

195. * .3 .3 .3 .3
200. * .4 .3 .3 .3
205. * .3 .3 .3 .3

```

1

JOB: S10 EXAM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .3 .3 .4 .3
215. * .3 .3 .3 .3
220. * .3 .3 .3 .3
225. * .3 .3 .3 .3
230. * .3 .3 .3 .2
235. * .3 .3 .3 .3
240. * .3 .3 .3 .3
245. * .3 .3 .3 .3
250. * .3 .3 .3 .3
255. * .3 .3 .3 .3
260. * .3 .3 .3 .3
265. * .3 .3 .3 .3
270. * .3 .3 .3 .3
275. * .3 .3 .3 .3
280. * .3 .3 .4 .3
285. * .3 .3 .3 .3
290. * .3 .3 .3 .3
295. * .3 .3 .3 .3
300. * .5 .3 .3 .4
305. * .3 .3 .3 .3
310. * .3 .4 .3 .3
315. * .2 .4 .2 .3
320. * .2 .3 .2 .2
325. * .0 .0 .1 .1
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .5 .4 .4 .4
DEGR. * 300 310 210 300

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 300 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 310 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 210 DEGREES FROM REC3 .

```

S10	EXPM			60.0175.0.0000.000	40.30480000	S10EXPM.DAT	11	1
REC 10-1		243392.	547994.	5.				
REC 10-2		243470.	547833.	5.				
REC 10-3		243569.	547637.	5.				
REC 10-4		243642.	547500.	5.				
CHURCH AND STALEYBRIDGE				12	1	0		
1								
1	NB 270	AG242823.548671.243044.548194.		6871 4.0	0. 56.		54	
0	1	NB 270	AG243044.548194.243281.547684.	6871 4.0	0. 56.		54	
0	1	NB 270	AG243281.547684.243686.546872.	6871 4.0	0. 56.		54	
0	1	NB HOV	AG242789.548654.243080.548053.	789 4.0	0. 32.		54	
0	1	NB HOV	AG243080.548053.243457.547263.	789 4.0	0. 32.		54	
0	1	NB HOV	AG243457.547263.243673.546858.	789 4.0	0. 32.		54	
0	1	SB HOV	AG243641.546848.243398.547326.	1 4.0	0. 32.		66	
0	1	SB HOV	AG243398.547326.242919.548303.	1 4.0	0. 32.		66	
0	1	SB HOV	AG242919.548303.242760.548637.	1 4.0	0. 32.		66	
0	1	SB 270	AG243616.546843.243406.547234.	3375 4.0	0. 56.		66	
0	1	SB 270	AG243406.547234.242859.548364.	3375 4.0	0. 56.		66	
0	1	SB 270	AG242859.548364.242739.548625.	3375 4.0	0. 56.		66	
1.0	0.4	1000. 0.0Y	5 0 72					

1

JOB: S10 EXPM
DATE: 01/10/2007 TIME: 11:44:26.32

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 242823.0	548671.0	243044.0	548194.0	* 526.	155. AG	6871.	4.0	.0	56.0	
2. 0 NB 270	* 243044.0	548194.0	243281.0	547684.0	* 562.	155. AG	6871.	4.0	.0	56.0	
3. 0 NB 270	* 243281.0	547684.0	243686.0	546872.0	* 907.	153. AG	6871.	4.0	.0	56.0	
4. NB HOV	* 242789.0	548654.0	243080.0	548053.0	* 668.	154. AG	789.	4.0	.0	32.0	
5. 0 NB HOV	* 243080.0	548053.0	243457.0	547263.0	* 875.	154. AG	789.	4.0	.0	32.0	
6. 0 NB HOV	* 243457.0	547263.0	243673.0	546858.0	* 459.	152. AG	789.	4.0	.0	32.0	
7. 0 SB HOV	* 243641.0	546848.0	243398.0	547326.0	* 536.	333. AG	1.	4.0	.0	32.0	
8. 0 SB HOV	* 243398.0	547326.0	242919.0	548303.0	* 1088.	334. AG	1.	4.0	.0	32.0	
9. 0 SB HOV	* 242919.0	548303.0	242760.0	548637.0	* 370.	335. AG	1.	4.0	.0	32.0	
10. 0 SB 270	* 243616.0	546843.0	243406.0	547234.0	* 444.	332. AG	3375.	4.0	.0	56.0	
11. 0 SB 270	* 243406.0	547234.0	242859.0	548364.0	* 1255.	334. AG	3375.	4.0	.0	56.0	
12. 0 SB 270	* 242859.0	548364.0	242739.0	548625.0	* 287.	335. AG	3375.	4.0	.0	56.0	

1

JOB: S10 EXPM
DATE: 01/10/2007 TIME: 11:44:26.32

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
1. NB 270	* 242823.0	548671.0	243044.0	548194.0	* 526.	155. AG	6871.	4.0
2. 0 NB 270	* 243044.0	548194.0	243281.0	547684.0	* 562.	155. AG	6871.	4.0
3. 0 NB 270	* 243281.0	547684.0	243686.0	546872.0	* 907.	153. AG	6871.	4.0
4. NB HOV	* 242789.0	548654.0	243080.0	548053.0	* 668.	154. AG	789.	4.0
5. 0 NB HOV	* 243080.0	548053.0	243457.0	547263.0	* 875.	154. AG	789.	4.0
6. 0 NB HOV	* 243457.0	547263.0	243673.0	546858.0	* 459.	152. AG	789.	4.0
7. 0 SB HOV	* 243641.0	546848.0	243398.0	547326.0	* 536.	333. AG	1.	4.0
8. 0 SB HOV	* 243398.0	547326.0	242919.0	548303.0	* 1088.	334. AG	1.	4.0
9. 0 SB HOV	* 242919.0	548303.0	242760.0	548637.0	* 370.	335. AG	1.	4.0
10. 0 SB 270	* 243616.0	546843.0	243406.0	547234.0	* 444.	332. AG	3375.	4.0
11. 0 SB 270	* 243406.0	547234.0	242859.0	548364.0	* 1255.	334. AG	3375.	4.0
12. 0 SB 270	* 242859.0	548364.0	242739.0	548625.0	* 287.	335. AG	3375.	4.0

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Z
1. REC 10-1	* 243392.0	547994.0	5.0	*
2. REC 10-2	* 243470.0	547833.0	5.0	*
3. REC 10-3	* 243569.0	547637.0	5.0	*
4. REC 10-4	* 243642.0	547500.0	5.0	*

1

JOB: S10 EXPM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4
0.	* .0	.0	.0	.0
5.	* .0	.0	.0	.0
10.	* .0	.0	.0	.0
15.	* .0	.0	.0	.0
20.	* .0	.0	.0	.0
25.	* .0	.0	.0	.0
30.	* .0	.0	.0	.0
35.	* .0	.0	.0	.0
40.	* .0	.0	.0	.0
45.	* .0	.0	.0	.0
50.	* .0	.0	.0	.0
55.	* .0	.0	.0	.0
60.	* .0	.0	.0	.0
65.	* .0	.0	.0	.0
70.	* .0	.0	.0	.0
75.	* .0	.0	.0	.0
80.	* .0	.0	.0	.0
85.	* .0	.0	.0	.0
90.	* .0	.0	.0	.0
95.	* .0	.0	.0	.0
100.	* .0	.0	.0	.0
105.	* .0	.0	.0	.0
110.	* .0	.0	.0	.0
115.	* .0	.0	.0	.0
120.	* .0	.0	.0	.0
125.	* .0	.0	.0	.0
130.	* .0	.0	.0	.0
135.	* .0	.0	.0	.0
140.	* .0	.0	.0	.0
145.	* .0	.0	.0	.0
150.	* .0	.0	.0	.0
155.	* .1	.0	.0	.0
160.	* .1	.1	.1	.0
165.	* .2	.1	.1	.1
170.	* .2	.2	.1	.1
175.	* .2	.3	.2	.1
180.	* .3	.4	.3	.2
185.	* .3	.4	.3	.3
190.	* .4	.4	.4	.3

```

195. * .4 .4 .4 .3
200. * .3 .3 .3 .3
205. * .4 .3 .3 .3

```

S10EXPM.OUT

1

JOB: S10 EXPM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .4 .3 .3 .3
215. * .3 .3 .3 .3
220. * .3 .3 .3 .2
225. * .3 .3 .3 .3
230. * .3 .3 .3 .3
235. * .3 .3 .3 .3
240. * .3 .4 .3 .3
245. * .3 .3 .3 .3
250. * .3 .3 .3 .3
255. * .3 .3 .3 .3
260. * .3 .3 .3 .3
265. * .3 .3 .3 .3
270. * .3 .3 .4 .3
275. * .3 .3 .4 .3
280. * .3 .3 .3 .3
285. * .3 .3 .4 .3
290. * .4 .3 .4 .4
295. * .4 .3 .3 .3
300. * .3 .3 .3 .3
305. * .4 .4 .3 .4
310. * .3 .3 .4 .3
315. * .2 .2 .4 .4
320. * .1 .2 .2 .3
325. * .1 .1 .2 .2
330. * .1 .1 .1 .2
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .4 .4 .4 .4
DEGR. * 190 180 190 290

```

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 190 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 180 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 190 DEGREES FROM REC3 .

```

S10	NBAM			60.0175.0.0000.000	40.30480000	11	1
REC 10-1		243392.	547994.	5.			
REC 10-2		243470.	547833.	5.			
REC 10-3		243569.	547637.	5.			
REC 10-4		243642.	547500.	5.			
CHURCH AND STALEYBRIDGE				12	1	0	
1							
1	NB 270	AG242823.548671.243044.548194.		4000	4.7	0.56.	67
0	1	NB 270	AG243044.548194.243281.547684.	4000	4.7	0.56.	67
0	1	NB 270	AG243281.547684.243686.546872.	4000	4.7	0.56.	67
0	1	NB H0V	AG242789.548654.243080.548053.		013.6	0.32.	66
0	1	NB H0V	AG243080.548053.243457.547263.		013.6	0.32.	66
0	1	NB H0V	AG243457.547263.243673.546858.		013.6	0.32.	66
0	1	SB H0V	AG243641.546848.243398.547326.		013.6	0.32.	61.6
0	1	SB H0V	AG243398.547326.242919.548303.		013.6	0.32.	61.6
0	1	SB H0V	AG242919.548303.242760.548637.		013.6	0.32.	61.6
0	1	SB 270	AG243616.546843.243406.547234.	9450	3.9	0.56.	52
0	1	SB 270	AG243406.547234.242859.548364.	9450	3.9	0.56.	52
0	1	SB 270	AG242859.548364.242739.548625.	9450	3.9	0.56.	52
1.0	0.4	1000.0.0Y	5	0	72		

1

JOB: S10 NBAM

DATE: 01/11/2007 TIME: 15:12:26.27

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB 270	* 242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	4000.	4.7	.0	56.0	
2.	NB 270	* 243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	4000.	4.7	.0	56.0	
3.	NB 270	* 243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	4000.	4.7	.0	56.0	
4.	NB HOV	* 242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5.	NB HOV	* 243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6.	NB HOV	* 243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7.	SB HOV	* 243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8.	SB HOV	* 243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9.	SB HOV	* 242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10.	SB 270	* 243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	9450.	3.9	.0	56.0	
11.	SB 270	* 243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	9450.	3.9	.0	56.0	
12.	SB 270	* 242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	9450.	3.9	.0	56.0	

1

JOB: S10 NBAM

DATE: 01/11/2007 TIME: 15:12:26.27

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 NBAM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .0	* .0	* .0	* .0
5.	* .0	* .0	* .0	* .0
10.	* .0	* .0	* .0	* .0
15.	* .0	* .0	* .0	* .0
20.	* .0	* .0	* .0	* .0
25.	* .0	* .0	* .0	* .0
30.	* .0	* .0	* .0	* .0
35.	* .0	* .0	* .0	* .0
40.	* .0	* .0	* .0	* .0
45.	* .0	* .0	* .0	* .0
50.	* .0	* .0	* .0	* .0
55.	* .0	* .0	* .0	* .0
60.	* .0	* .0	* .0	* .0
65.	* .0	* .0	* .0	* .0
70.	* .0	* .0	* .0	* .0
75.	* .0	* .0	* .0	* .0
80.	* .0	* .0	* .0	* .0
85.	* .0	* .0	* .0	* .0
90.	* .0	* .0	* .0	* .0
95.	* .0	* .0	* .0	* .0
100.	* .0	* .0	* .0	* .0
105.	* .0	* .0	* .0	* .0
110.	* .0	* .0	* .0	* .0
115.	* .0	* .0	* .0	* .0
120.	* .0	* .0	* .0	* .0
125.	* .0	* .0	* .0	* .0
130.	* .0	* .0	* .0	* .0
135.	* .0	* .0	* .0	* .0
140.	* .0	* .0	* .0	* .0
145.	* .0	* .0	* .0	* .0
150.	* .0	* .0	* .0	* .0
155.	* .0	* .0	* .0	* .0
160.	* .2	* .1	* .0	* .0
165.	* .2	* .2	* .1	* .0
170.	* .3	* .2	* .2	* .1
175.	* .4	* .4	* .2	* .2
180.	* .5	* .4	* .4	* .2
185.	* .5	* .4	* .4	* .3
190.	* .3	* .5	* .4	* .4

```

195. * .5 .5 .5 .4
200. * .5 .4 .4 .4
205. * .5 .5 .5 .4

```

1

JOB: S10 NBAM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .4 .5 .5 .4
215. * .4 .3 .4 .5
220. * .5 .3 .4 .4
225. * .4 .3 .3 .3
230. * .4 .4 .4 .4
235. * .4 .4 .4 .4
240. * .4 .3 .4 .4
245. * .4 .3 .4 .4
250. * .4 .3 .4 .4
255. * .4 .4 .4 .4
260. * .4 .4 .3 .3
265. * .4 .3 .3 .4
270. * .4 .5 .3 .4
275. * .5 .5 .5 .4
280. * .5 .5 .5 .4
285. * .5 .5 .5 .4
290. * .3 .5 .4 .4
295. * .4 .5 .4 .5
300. * .5 .3 .5 .5
305. * .4 .5 .5 .4
310. * .3 .5 .3 .3
315. * .3 .4 .5 .3
320. * .2 .3 .4 .2
325. * .1 .1 .2 .2
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .5 .5 .5 .5
DEGR. * 180 190 195 215

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 195 DEGREES FROM REC3 .

```



```

S10 NB30PM                                60.0175.0.0000.000 40.30480000 11 1
REC 10-1                                243392. 547994. 5.
REC 10-2                                243470. 547833. 5.
REC 10-3                                243569. 547637. 5.
REC 10-4                                243642. 547500. 5.
CHURCH AND STALEYBRIDGE                12 1 0
1
1 NB 270 AG242823.548671.243044.548194. 8675 3.1 0. 56. 27
0 1 NB 270 AG243044.548194.243281.547684. 8675 3.1 0. 56. 27
0 1 NB 270 AG243281.547684.243686.546872. 8675 3.1 0. 56. 27
1 NB H0V AG242789.548654.243080.548053. 013.6 0. 32. 66
0 1 NB H0V AG243080.548053.243457.547263. 013.6 0. 32. 66
0 1 NB H0V AG243457.547263.243673.546858. 013.6 0. 32. 66
0 1 SB H0V AG243641.546848.243398.547326. 013.6 0. 32. 61.6
0 1 SB H0V AG243398.547326.242919.548303. 013.6 0. 32. 61.6
0 1 SB H0V AG242919.548303.242760.548637. 013.6 0. 32. 61.6
0 1 SB 270 AG243616.546843.243406.547234. 4625 4.1 0. 56. 55
0 1 SB 270 AG243406.547234.242859.548364. 4625 4.1 0. 56. 55
0 1 SB 270 AG242859.548364.242739.548625. 4625 4.1 0. 56. 55
1.0 0.4 1000. 0.0Y 5 0 72

```

1

JOB: S10 NB30PM
DATE: 01/11/2007 TIME: 15:13:03.56

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	8675.	3.1	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	8675.	3.1	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	8675.	3.1	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	4625.	4.1	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	4625.	4.1	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	4625.	4.1	.0	56.0	

1

JOB: S10 NB30PM
DATE: 01/11/2007 TIME: 15:13:03.56

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 NB30PM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.1	.0	.0	.0
160.	*	.1	.1	.0	.0
165.	*	.2	.1	.1	.1
170.	*	.3	.3	.1	.1
175.	*	.4	.3	.3	.1
180.	*	.3	.3	.3	.3
185.	*	.3	.5	.3	.3
190.	*	.4	.4	.3	.3

195. * .4 .3 .3 .3
 200. * .3 .3 .4 .3
 205. * .4 .3 .4 .3

1

JOB: S10 NB30PM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND	*	CONCENTRATION			
ANGLE	*	(PPM)			
(DEGR)	*	REC1	REC2	REC3	REC4
210.	*	.3	.3	.3	.3
215.	*	.3	.3	.3	.3
220.	*	.3	.3	.3	.4
225.	*	.3	.3	.3	.3
230.	*	.3	.3	.3	.3
235.	*	.3	.3	.3	.3
240.	*	.3	.4	.3	.3
245.	*	.3	.3	.3	.3
250.	*	.3	.3	.3	.3
255.	*	.3	.3	.3	.3
260.	*	.3	.3	.3	.3
265.	*	.3	.3	.3	.3
270.	*	.3	.3	.4	.3
275.	*	.3	.3	.3	.3
280.	*	.3	.3	.3	.3
285.	*	.3	.3	.3	.3
290.	*	.4	.3	.3	.4
295.	*	.4	.3	.3	.3
300.	*	.3	.3	.3	.3
305.	*	.4	.4	.3	.4
310.	*	.5	.3	.4	.3
315.	*	.2	.3	.4	.4
320.	*	.1	.2	.3	.3
325.	*	.1	.1	.2	.2
330.	*	.1	.1	.1	.2
335.	*	.0	.0	.0	.0
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0
MAX	*	.5	.5	.4	.4
DEGR.	*	310	185	200	220

THE HIGHEST CONCENTRATION IS .50 PPM AT 310 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 185 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC3 .

S10	B130	BRT	AM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT AM					14	1	0	
1								
1		NB	GP	AG242847.548677.243111.548116.		3250 4.3 0. 56.	58	
0	1							
1		NB	GP	AG243111.548116.243365.547587.		3250 4.3 0. 56.	58	
0	1							
1		NB	GP	AG243365.547587.243712.546883.		3250 4.3 0. 56.	58	
0	1							
1		NB	ETL	AG242784.548653.243045.548121.		1385 4.6 0. 44.	63	
0	1							
1		NB	ETL	AG243045.548121.243329.547524.		1385 4.6 0. 44.	63	
0	1							
1		NB	ETL	AG243329.547524.243665.546853.		1385 4.6 0. 44.	63	
0	1							
1		SB	GP	AG243563.546817.243216.547513.		8100 4.6 0. 56.	63	
0	1							
1		SB	GP	AG243216.547513.242960.548053.		8100 4.6 0. 56.	63	
0	1							
1		SB	GP	AG242960.548053.242690.548608.		8100 4.6 0. 56.	63	
0	1							
1		SB	ETL	AG243621.546842.243524.547020.		2350 4.5 0. 44.	62	
0	1							
1		SB	ETL	AG243524.547020.243056.547995.		2350 4.5 0. 44.	62	
0	1							
1		SB	ETL	AG243056.547995.242740.548636.		2350 4.5 0. 44.	62	
0	1							
1		NB	BUS	AG243002.548727.243867.546978.		18 2.1 0. 32.	28	
0	1							
1		SB	BUS	AG243815.546953.242945.548714.		19 2.1 0. 32.	28	
1.0	0.4	1000.	0.0Y	5	0	72		

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 04/23/2007 TIME: 21:26:00.26

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	NB GP	*	242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3250.	4.3	.0	56.0	
2. 0	NB GP	*	243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3250.	4.3	.0	56.0	
3. 0	NB GP	*	243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3250.	4.3	.0	56.0	
4.	NB ETL	*	242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1385.	4.6	.0	44.0	
5. 0	NB ETL	*	243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1385.	4.6	.0	44.0	
6. 0	NB ETL	*	243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1385.	4.6	.0	44.0	
7. 0	SB GP	*	243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	8100.	4.6	.0	56.0	
8. 0	SB GP	*	243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	8100.	4.6	.0	56.0	
9. 0	SB GP	*	242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	8100.	4.6	.0	56.0	
10. 0	SB ETL	*	243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2350.	4.5	.0	44.0	
11. 0	SB ETL	*	243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2350.	4.5	.0	44.0	
12. 0	SB ETL	*	243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2350.	4.5	.0	44.0	
13. 0	NB BUS	*	243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	2.1	.0	32.0	
14. 0	SB BUS	*	243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	2.1	.0	32.0	

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 04/23/2007 TIME: 21:26:00.26

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.1	.1	.0	.0
165.	*	.2	.2	.1	.0
170.	*	.2	.2	.1	.1
175.	*	.4	.3	.2	.1
180.	*	.5	.4	.2	.2

```

185. * .5 .4 .3 .2
190. * .5 .4 .4 .3
195. * .5 .4 .5 .3
200. * .4 .5 .4 .4
205. * .5 .5 .4 .4

```

10B115BA.OUT

1

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----
210. * .4 .5 .4 .4
215. * .4 .4 .4 .4
220. * .4 .4 .4 .4
225. * .4 .5 .4 .4
230. * .4 .4 .4 .4
235. * .4 .4 .4 .4
240. * .4 .4 .4 .4
245. * .4 .4 .5 .4
250. * .4 .4 .4 .4
255. * .4 .4 .5 .4
260. * .4 .4 .5 .4
265. * .3 .4 .4 .5
270. * .4 .4 .4 .4
275. * .3 .4 .4 .4
280. * .4 .4 .4 .5
285. * .5 .5 .4 .5
290. * .5 .4 .4 .5
295. * .5 .3 .4 .4
300. * .4 .5 .5 .4
305. * .4 .5 .3 .5
310. * .4 .5 .3 .3
315. * .2 .3 .3 .3
320. * .2 .2 .3 .2
325. * .1 .2 .2 .2
330. * .0 .1 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----
MAX * .5 .5 .5 .5
DEGR. * 180 200 195 265

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 195 DEGREES FROM REC3 .

```

S10	B130	BRT	PM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT PM					14	1	0	

1								
1	NB	GP	AG242847.548677.243111.548116.	7300	4.7	0.	56.	67
0	1	NB	GP	AG243111.548116.243365.547587.	7300	4.7	0.	56.
0	1	NB	GP	AG243365.547587.243712.546883.	7300	4.7	0.	56.
0	1	NB	ETL	AG242784.548653.243045.548121.	2375	4.5	0.	44.
0	1	NB	ETL	AG243045.548121.243329.547524.	2375	4.5	0.	44.
0	1	NB	ETL	AG243329.547524.243665.546853.	2375	4.5	0.	44.
0	1	SB	GP	AG243563.546817.243216.547513.	3925	4.7	0.	56.
0	1	SB	GP	AG243216.547513.242960.548053.	3925	4.7	0.	56.
0	1	SB	GP	AG242960.548053.242690.548608.	3925	4.7	0.	56.
0	1	SB	ETL	AG243621.546842.243524.547020.	1325	4.6	0.	44.
0	1	SB	ETL	AG243524.547020.243056.547995.	1325	4.6	0.	44.
0	1	SB	ETL	AG243056.547995.242740.548636.	1325	4.6	0.	44.
0	1	NB	BUS	AG243002.548727.243867.546978.	12	2.1	0.	32.
0	1	SB	BUS	AG243815.546953.242945.548714.	12	2.1	0.	32.
1.0	0.4	1000.	0.0Y	5	0	72		

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 04/23/2007 TIME: 21:26:43.54

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	7300.	4.7	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	7300.	4.7	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	7300.	4.7	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2375.	4.5	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2375.	4.5	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2375.	4.5	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3925.	4.7	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3925.	4.7	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3925.	4.7	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1325.	4.6	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1325.	4.6	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1325.	4.6	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	2.1	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	2.1	.0	32.0	

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 04/23/2007 TIME: 21:26:43.54

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.1	.1	.0	.0
160.	*	.2	.1	.1	.1
165.	*	.2	.2	.2	.1
170.	*	.6	.4	.2	.2
175.	*	.6	.5	.4	.2
180.	*	.6	.5	.5	.4

185.	*	.6	.5	.5	.5
190.	*	.6	.6	.6	.5
195.	*	.6	.6	.5	.5
200.	*	.6	.5	.5	.5
205.	*	.5	.4	.5	.5

1

10B115BP.OUT

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

PAGE 4

WIND * CONCENTRATION					
ANGLE * (PPM)					
(DEGR) *	REC1	REC2	REC3	REC4	

210.	*	.5	.5	.5	.5
215.	*	.5	.6	.5	.5
220.	*	.5	.5	.5	.5
225.	*	.5	.5	.5	.5
230.	*	.5	.5	.5	.5
235.	*	.5	.5	.5	.5
240.	*	.5	.5	.4	.5
245.	*	.5	.5	.5	.5
250.	*	.5	.5	.6	.5
255.	*	.5	.5	.5	.5
260.	*	.5	.5	.5	.5
265.	*	.5	.5	.5	.5
270.	*	.5	.5	.5	.5
275.	*	.5	.5	.5	.5
280.	*	.7	.5	.5	.5
285.	*	.6	.5	.5	.5
290.	*	.4	.5	.5	.5
295.	*	.6	.6	.5	.5
300.	*	.5	.6	.5	.6
305.	*	.6	.4	.7	.5
310.	*	.5	.6	.6	.7
315.	*	.5	.5	.4	.6
320.	*	.2	.3	.5	.4
325.	*	.2	.2	.2	.2
330.	*	.1	.1	.2	.2
335.	*	.1	.1	.1	.1
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0

MAX	*	.7	.6	.7	.7
DEGR.	*	280	190	305	310

THE HIGHEST CONCENTRATION IS .70 PPM AT 280 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 305 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 310 DEGREES FROM REC4 .

S10	B215	BRT	AM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT AM					14	1	0	
1								
1		NB	GP	AG242847.548677.243111.548116.		3300 4.7 0. 56.	67	
0	1		NB	GP	AG243111.548116.243365.547587.	3300 4.7 0. 56.	67	
0	1		NB	GP	AG243365.547587.243712.546883.	3300 4.7 0. 56.	67	
0	1		NB	ETL	AG242784.548653.243045.548121.	1375 4.6 0. 44.	63	
0	1		NB	ETL	AG243045.548121.243329.547524.	1375 4.6 0. 44.	63	
0	1		NB	ETL	AG243329.547524.243665.546853.	1375 4.6 0. 44.	63	
0	1		SB	GP	AG243563.546817.243216.547513.	8250 4.6 0. 56.	63	
0	1		SB	GP	AG243216.547513.242960.548053.	8250 4.6 0. 56.	63	
0	1		SB	GP	AG242960.548053.242690.548608.	8250 4.6 0. 56.	63	
0	1		SB	ETL	AG243621.546842.243524.547020.	2425 4.5 0. 44.	62	
0	1		SB	ETL	AG243524.547020.243056.547995.	2425 4.5 0. 44.	62	
0	1		SB	ETL	AG243056.547995.242740.548636.	2425 4.5 0. 44.	62	
0	1		NB	BUS	AG243002.548727.243867.546978.	18 0.4 0. 32.	28	
0	1		SB	BUS	AG243815.546953.242945.548714.	19 0.4 0. 32.	28	
1.0	0.4	1000.	0.0Y	5	0 72			

JOB: S10 B215 BRT AM
DATE: 03/15/2007 TIME: 11:31:05.12

RUN: CHURCH AND STALEYBRIDGE BRT AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3300.	4.7	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3300.	4.7	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3300.	4.7	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1375.	4.6	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1375.	4.6	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1375.	4.6	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	8250.	4.6	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	8250.	4.6	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	8250.	4.6	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2425.	4.5	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2425.	4.5	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2425.	4.5	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

JOB: S10 B215 BRT AM
DATE: 03/15/2007 TIME: 11:31:05.12

RUN: CHURCH AND STALEYBRIDGE BRT AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

JOB: S10 B215 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.1	.1	.0	.0
165.	*	.2	.2	.1	.0
170.	*	.2	.2	.1	.1
175.	*	.4	.4	.2	.1
180.	*	.5	.5	.2	.2

10B215BA

185. * .5 .5 .4 .2
 190. * .6 .4 .5 .4
 195. * .5 .4 .5 .4
 200. * .4 .5 .5 .5
 205. * .5 .5 .4 .4

1

JOB: S10 B215 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.4	.5	.4	.4
215.	*	.4	.4	.4	.4
220.	*	.4	.4	.4	.4
225.	*	.4	.5	.4	.4
230.	*	.4	.4	.4	.4
235.	*	.4	.4	.4	.4
240.	*	.4	.4	.4	.4
245.	*	.4	.4	.5	.4
250.	*	.4	.4	.4	.4
255.	*	.4	.4	.5	.4
260.	*	.4	.4	.6	.4
265.	*	.3	.4	.4	.5
270.	*	.4	.4	.4	.4
275.	*	.3	.4	.4	.4
280.	*	.4	.4	.4	.5
285.	*	.5	.6	.5	.5
290.	*	.5	.4	.5	.5
295.	*	.5	.3	.6	.4
300.	*	.5	.5	.6	.4
305.	*	.4	.5	.3	.5
310.	*	.4	.5	.3	.3
315.	*	.2	.4	.4	.3
320.	*	.2	.2	.3	.3
325.	*	.1	.2	.2	.3
330.	*	.0	.1	.1	.0
335.	*	.0	.0	.0	.0
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0
MAX	*	.6	.6	.6	.5
DEGR.	*	190	285	260	200

THE HIGHEST CONCENTRATION IS .60 PPM AT 190 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 285 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 260 DEGREES FROM REC3 .

S10	B215	BRT	PM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT PM					14	1	0	
1								
1		NB	GP	AG242847.548677.243111.548116.		7150 3.9 0. 56.	51	
0	1		NB	GP	AG243111.548116.243365.547587.	7150 3.9 0. 56.	51	
0	1		NB	GP	AG243365.547587.243712.546883.	7150 3.9 0. 56.	51	
0	1		NB	ETL	AG242784.548653.243045.548121.	2475 4.5 0. 44.	62	
0	1		NB	ETL	AG243045.548121.243329.547524.	2475 4.5 0. 44.	62	
0	1		NB	ETL	AG243329.547524.243665.546853.	2475 4.5 0. 44.	62	
0	1		SB	GP	AG243563.546817.243216.547513.	3950 4.7 0. 56.	67	
0	1		SB	GP	AG243216.547513.242960.548053.	3950 4.7 0. 56.	67	
0	1		SB	GP	AG242960.548053.242690.548608.	3950 4.7 0. 56.	67	
0	1		SB	ETL	AG243621.546842.243524.547020.	1375 4.7 0. 44.	64	
0	1		SB	ETL	AG243524.547020.243056.547995.	1375 4.7 0. 44.	64	
0	1		SB	ETL	AG243056.547995.242740.548636.	1375 4.7 0. 44.	64	
0	1		NB	BUS	AG243002.548727.243867.546978.	12 0.4 0. 32.	28	
0	1		SB	BUS	AG243815.546953.242945.548714.	12 0.4 0. 32.	28	
1.0	0.4	1000.	0.0Y	5	0 72			

1

JOB: S10 B215 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 04/11/2007 TIME: 15:16:16.62

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	7150.	3.9	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	7150.	3.9	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	7150.	3.9	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2475.	4.5	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2475.	4.5	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2475.	4.5	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3950.	4.7	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3950.	4.7	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3950.	4.7	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1375.	4.7	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1375.	4.7	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1375.	4.7	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S10 B215 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 04/11/2007 TIME: 15:16:16.62

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 B215 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	* .0	* .0	* .0	* .0
5.	* .0	* .0	* .0	* .0
10.	* .0	* .0	* .0	* .0
15.	* .0	* .0	* .0	* .0
20.	* .0	* .0	* .0	* .0
25.	* .0	* .0	* .0	* .0
30.	* .0	* .0	* .0	* .0
35.	* .0	* .0	* .0	* .0
40.	* .0	* .0	* .0	* .0
45.	* .0	* .0	* .0	* .0
50.	* .0	* .0	* .0	* .0
55.	* .0	* .0	* .0	* .0
60.	* .0	* .0	* .0	* .0
65.	* .0	* .0	* .0	* .0
70.	* .0	* .0	* .0	* .0
75.	* .0	* .0	* .0	* .0
80.	* .0	* .0	* .0	* .0
85.	* .0	* .0	* .0	* .0
90.	* .0	* .0	* .0	* .0
95.	* .0	* .0	* .0	* .0
100.	* .0	* .0	* .0	* .0
105.	* .0	* .0	* .0	* .0
110.	* .0	* .0	* .0	* .0
115.	* .0	* .0	* .0	* .0
120.	* .0	* .0	* .0	* .0
125.	* .0	* .0	* .0	* .0
130.	* .0	* .0	* .0	* .0
135.	* .0	* .0	* .0	* .0
140.	* .0	* .0	* .0	* .0
145.	* .0	* .0	* .0	* .0
150.	* .0	* .0	* .0	* .0
155.	* .1	* .1	* .0	* .0
160.	* .1	* .1	* .1	* .0
165.	* .2	* .2	* .1	* .1
170.	* .4	* .3	* .2	* .1
175.	* .5	* .5	* .3	* .2
180.	* .5	* .5	* .5	* .3

10B215BP.OUT

185. * .5 .5 .5 .5
 190. * .5 .4 .5 .5
 195. * .5 .5 .5 .5
 200. * .6 .5 .5 .5
 205. * .5 .4 .5 .5

1

JOB: S10 B215 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.5	.5	.5	.5
215.	*	.5	.4	.5	.5
220.	*	.5	.4	.5	.5
225.	*	.4	.4	.4	.4
230.	*	.5	.5	.4	.4
235.	*	.5	.5	.4	.4
240.	*	.5	.5	.4	.5
245.	*	.5	.5	.4	.5
250.	*	.5	.5	.6	.5
255.	*	.5	.5	.4	.4
260.	*	.5	.5	.4	.4
265.	*	.5	.5	.5	.4
270.	*	.5	.5	.4	.4
275.	*	.5	.5	.4	.3
280.	*	.5	.5	.5	.5
285.	*	.5	.5	.5	.5
290.	*	.4	.5	.5	.5
295.	*	.5	.6	.5	.5
300.	*	.5	.5	.5	.4
305.	*	.5	.4	.6	.4
310.	*	.4	.4	.5	.5
315.	*	.4	.5	.4	.5
320.	*	.2	.4	.3	.4
325.	*	.1	.1	.2	.2
330.	*	.1	.1	.1	.2
335.	*	.0	.1	.1	.1
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0
MAX	*	.6	.6	.6	.5
DEGR.	*	200	295	250	185

THE HIGHEST CONCENTRATION IS .60 PPM AT 200 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 295 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 250 DEGREES FROM REC3 .

S10	NBAM			60.0175.0.0000.000	40.30480000	11	1
REC 10-1		243392.	547994.	5.			
REC 10-2		243470.	547833.	5.			
REC 10-3		243569.	547637.	5.			
REC 10-4		243642.	547500.	5.			
CHURCH AND STALEYBRIDGE				12	1	0	
1							
1	NB 270	AG242823.548671.243044.548194.		4225 4.2	0. 56.	66	
0	1	NB 270	AG243044.548194.243281.547684.	4225 4.2	0. 56.	66	
0	1	NB 270	AG243281.547684.243686.546872.	4225 4.2	0. 56.	66	
0	1	NB HOV	AG242789.548654.243080.548053.	013.6	0. 32.	66	
0	1	NB HOV	AG243080.548053.243457.547263.	013.6	0. 32.	66	
0	1	NB HOV	AG243457.547263.243673.546858.	013.6	0. 32.	66	
0	1	SB HOV	AG243641.546848.243398.547326.	013.6	0. 32.	61.6	
0	1	SB HOV	AG243398.547326.242919.548303.	013.6	0. 32.	61.6	
0	1	SB HOV	AG242919.548303.242760.548637.	013.6	0. 32.	61.6	
0	1	SB 270	AG243616.546843.243406.547234.	9825 2.7	0. 56.	36	
0	1	SB 270	AG243406.547234.242859.548364.	9825 2.7	0. 56.	36	
0	1	SB 270	AG242859.548364.242739.548625.	9825 2.7	0. 56.	36	
1.0	0.4	1000. 0.0Y	5 0 72				

1

JOB: S10 NBAM
DATE: 01/10/2007 TIME: 11:42:55.85

RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	4225.	4.2	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	4225.	4.2	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	4225.	4.2	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	9825.	2.7	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	9825.	2.7	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	9825.	2.7	.0	56.0	

1

JOB: S10 NBAM
DATE: 01/10/2007 TIME: 11:42:55.85

RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 NBAM

RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.1	.1	.0	.0
165.	*	.2	.2	.1	.0
170.	*	.2	.2	.2	.1
175.	*	.4	.2	.2	.2
180.	*	.4	.4	.2	.2
185.	*	.3	.4	.3	.2
190.	*	.3	.4	.3	.3

```

195. * .4 .4 .4 .4
200. * .4 .4 .4 .4
205. * .4 .4 .4 .3

```

1

JOB: S10 NBAM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .3 .3 .3 .2
215. * .3 .3 .4 .3
220. * .3 .3 .3 .3
225. * .3 .3 .3 .3
230. * .3 .4 .3 .2
235. * .3 .4 .3 .3
240. * .3 .3 .3 .3
245. * .3 .3 .3 .3
250. * .3 .3 .3 .3
255. * .3 .3 .3 .3
260. * .3 .3 .3 .3
265. * .3 .3 .3 .3
270. * .4 .4 .3 .3
275. * .4 .4 .4 .3
280. * .3 .4 .4 .3
285. * .3 .4 .4 .3
290. * .3 .4 .3 .3
295. * .4 .4 .3 .4
300. * .4 .3 .3 .4
305. * .4 .3 .3 .3
310. * .3 .3 .3 .3
315. * .2 .4 .2 .2
320. * .1 .1 .3 .2
325. * .1 .1 .1 .2
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .4 .4 .4 .4
DEGR. * 175 180 195 195

```

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 175 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 180 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC3 .

```

S10	NB30PM			60.0175.0.0000.000	40.30480000	11	1
REC 10-1	243392.	547994.	5.				
REC 10-2	243470.	547833.	5.				
REC 10-3	243569.	547637.	5.				
REC 10-4	243642.	547500.	5.				
CHURCH AND STALEYBRIDGE				12	1	0	
1							
1	NB 270	AG242823.548671.243044.548194.		9125 4.2	0. 56.		66
0	1	NB 270	AG243044.548194.243281.547684.	9125 4.2	0. 56.		66
0	1	NB 270	AG243281.547684.243686.546872.	9125 4.2	0. 56.		66
0	1	NB H0V	AG242789.548654.243080.548053.	013.6	0. 32.		66
0	1	NB H0V	AG243080.548053.243457.547263.	013.6	0. 32.		66
0	1	NB H0V	AG243457.547263.243673.546858.	013.6	0. 32.		66
0	1	SB H0V	AG243641.546848.243398.547326.	013.6	0. 32.	61.6	
0	1	SB H0V	AG243398.547326.242919.548303.	013.6	0. 32.	61.6	
0	1	SB H0V	AG242919.548303.242760.548637.	013.6	0. 32.	61.6	
0	1	SB 270	AG243616.546843.243406.547234.	5075 2.7	0. 56.		36
0	1	SB 270	AG243406.547234.242859.548364.	5075 2.7	0. 56.		36
0	1	SB 270	AG242859.548364.242739.548625.	5075 2.7	0. 56.		36
1.0	0.4	1000. 0.0Y	5 0 72				

1

JOB: S10 NB30PM
DATE: 01/10/2007 TIME: 11:50:00.92
RUN: CHURCH AND STALEYBRIDGE

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	242823.0	548671.0	243044.0	548194.0	*	526.	155. AG	9125.	4.2	.0	56.0	
2. 0 NB 270	*	243044.0	548194.0	243281.0	547684.0	*	562.	155. AG	9125.	4.2	.0	56.0	
3. 0 NB 270	*	243281.0	547684.0	243686.0	546872.0	*	907.	153. AG	9125.	4.2	.0	56.0	
4. NB HOV	*	242789.0	548654.0	243080.0	548053.0	*	668.	154. AG	0.	13.6	.0	32.0	
5. 0 NB HOV	*	243080.0	548053.0	243457.0	547263.0	*	875.	154. AG	0.	13.6	.0	32.0	
6. 0 NB HOV	*	243457.0	547263.0	243673.0	546858.0	*	459.	152. AG	0.	13.6	.0	32.0	
7. 0 SB HOV	*	243641.0	546848.0	243398.0	547326.0	*	536.	333. AG	0.	13.6	.0	32.0	
8. 0 SB HOV	*	243398.0	547326.0	242919.0	548303.0	*	1088.	334. AG	0.	13.6	.0	32.0	
9. 0 SB HOV	*	242919.0	548303.0	242760.0	548637.0	*	370.	335. AG	0.	13.6	.0	32.0	
10. 0 SB 270	*	243616.0	546843.0	243406.0	547234.0	*	444.	332. AG	5075.	2.7	.0	56.0	
11. 0 SB 270	*	243406.0	547234.0	242859.0	548364.0	*	1255.	334. AG	5075.	2.7	.0	56.0	
12. 0 SB 270	*	242859.0	548364.0	242739.0	548625.0	*	287.	335. AG	5075.	2.7	.0	56.0	

1

JOB: S10 NB30PM
DATE: 01/10/2007 TIME: 11:50:00.92
RUN: CHURCH AND STALEYBRIDGE

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 NB30PM
RUN: CHURCH AND STALEYBRIDGE

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.0	.0	.0	.0
5.	.0	.0	.0	.0
10.	.0	.0	.0	.0
15.	.0	.0	.0	.0
20.	.0	.0	.0	.0
25.	.0	.0	.0	.0
30.	.0	.0	.0	.0
35.	.0	.0	.0	.0
40.	.0	.0	.0	.0
45.	.0	.0	.0	.0
50.	.0	.0	.0	.0
55.	.0	.0	.0	.0
60.	.0	.0	.0	.0
65.	.0	.0	.0	.0
70.	.0	.0	.0	.0
75.	.0	.0	.0	.0
80.	.0	.0	.0	.0
85.	.0	.0	.0	.0
90.	.0	.0	.0	.0
95.	.0	.0	.0	.0
100.	.0	.0	.0	.0
105.	.0	.0	.0	.0
110.	.0	.0	.0	.0
115.	.0	.0	.0	.0
120.	.0	.0	.0	.0
125.	.0	.0	.0	.0
130.	.0	.0	.0	.0
135.	.0	.0	.0	.0
140.	.0	.0	.0	.0
145.	.0	.0	.0	.0
150.	.0	.0	.0	.0
155.	.1	.1	.0	.0
160.	.1	.1	.1	.0
165.	.2	.2	.1	.1
170.	.3	.3	.2	.1
175.	.3	.4	.3	.2
180.	.4	.5	.4	.3
185.	.4	.5	.4	.4
190.	.5	.5	.4	.4

195. * .4 .5 .4 .4
 200. * .5 .4 .4 .4
 205. * .4 .4 .4 .4

1

JOB: S10 NB30PM

RUN: CHURCH AND STALEYBRIDGE

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.5	.4	.4	.4
215.	*	.4	.4	.4	.4
220.	*	.4	.5	.4	.3
225.	*	.4	.4	.4	.4
230.	*	.4	.4	.4	.4
235.	*	.4	.4	.4	.4
240.	*	.4	.4	.4	.4
245.	*	.4	.4	.4	.4
250.	*	.4	.4	.4	.4
255.	*	.4	.4	.4	.4
260.	*	.4	.4	.4	.4
265.	*	.4	.4	.4	.4
270.	*	.4	.4	.5	.4
275.	*	.4	.4	.4	.4
280.	*	.4	.4	.5	.4
285.	*	.4	.4	.4	.5
290.	*	.5	.4	.5	.5
295.	*	.4	.4	.4	.4
300.	*	.5	.5	.4	.5
305.	*	.4	.5	.4	.4
310.	*	.4	.5	.5	.6
315.	*	.2	.3	.4	.4
320.	*	.2	.3	.3	.4
325.	*	.1	.1	.2	.2
330.	*	.1	.1	.2	.2
335.	*	.0	.1	.1	.1
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0
MAX	*	.5	.5	.5	.6
DEGR.	*	190	180	270	310

THE HIGHEST CONCENTRATION IS .60 PPM AT 310 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC2 .

S10	B130	BRT	AM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT AM					14	1	0	
1								
1		NB	GP	AG242847.548677.243111.548116.		3125 4.2 0. 56.	65	
0	1		NB	GP	AG243111.548116.243365.547587.	3125 4.2 0. 56.	65	
0	1		NB	GP	AG243365.547587.243712.546883.	3125 4.2 0. 56.	65	
0	1		NB	ETL	AG242784.548653.243045.548121.	1275 4.2 0. 44.	65	
0	1		NB	ETL	AG243045.548121.243329.547524.	1275 4.2 0. 44.	65	
0	1		NB	ETL	AG243329.547524.243665.546853.	1275 4.2 0. 44.	65	
0	1		SB	GP	AG243563.546817.243216.547513.	7200 3.9 0. 56.	63	
0	1		SB	GP	AG243216.547513.242960.548053.	7200 3.9 0. 56.	63	
0	1		SB	GP	AG242960.548053.242690.548608.	7200 3.9 0. 56.	63	
0	1		SB	ETL	AG243621.546842.243524.547020.	2800 3.9 0. 44.	63	
0	1		SB	ETL	AG243524.547020.243056.547995.	2800 3.9 0. 44.	63	
0	1		SB	ETL	AG243056.547995.242740.548636.	2800 3.9 0. 44.	63	
0	1		NB	BUS	AG243002.548727.243867.546978.	18 0.4 0. 32.	28	
0	1		SB	BUS	AG243815.546953.242945.548714.	19 0.4 0. 32.	28	
1.0	0.4	1000.	0.0Y	5	0	72		

1

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 01/09/2007 TIME: 13:41:15.96

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	NB GP	*	242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	3125.	4.2	.0	56.0	
2. 0	NB GP	*	243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	3125.	4.2	.0	56.0	
3. 0	NB GP	*	243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	3125.	4.2	.0	56.0	
4.	NB ETL	*	242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1275.	4.2	.0	44.0	
5. 0	NB ETL	*	243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1275.	4.2	.0	44.0	
6. 0	NB ETL	*	243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1275.	4.2	.0	44.0	
7. 0	SB GP	*	243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	7200.	3.9	.0	56.0	
8. 0	SB GP	*	243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	7200.	3.9	.0	56.0	
9. 0	SB GP	*	242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	7200.	3.9	.0	56.0	
10. 0	SB ETL	*	243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2800.	3.9	.0	44.0	
11. 0	SB ETL	*	243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2800.	3.9	.0	44.0	
12. 0	SB ETL	*	243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2800.	3.9	.0	44.0	
13. 0	NB BUS	*	243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	*	243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

1

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 01/09/2007 TIME: 13:41:15.96

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.1	.1	.0	.0
165.	*	.2	.1	.1	.0
170.	*	.2	.2	.1	.1
175.	*	.3	.2	.2	.1
180.	*	.5	.3	.2	.2

```

185. * .5 .4 .2 .2
190. * .3 .4 .4 .2
195. * .4 .4 .4 .2
200. * .4 .5 .4 .4
205. * .4 .5 .4 .4

```

10B130BA.OUT

1

JOB: S10 B130 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .3 .3 .4 .4
215. * .4 .4 .4 .4
220. * .4 .4 .4 .4
225. * .4 .4 .4 .4
230. * .4 .3 .4 .4
235. * .4 .4 .4 .4
240. * .4 .4 .3 .4
245. * .4 .4 .4 .4
250. * .4 .4 .4 .4
255. * .4 .4 .5 .4
260. * .4 .4 .3 .3
265. * .3 .4 .3 .3
270. * .2 .4 .4 .4
275. * .3 .4 .4 .4
280. * .4 .4 .4 .3
285. * .4 .3 .4 .5
290. * .5 .3 .4 .5
295. * .5 .3 .4 .4
300. * .4 .4 .4 .4
305. * .4 .4 .3 .4
310. * .3 .4 .3 .3
315. * .2 .3 .3 .3
320. * .1 .2 .3 .2
325. * .1 .1 .2 .2
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .5 .5 .5 .5
DEGR. * 180 200 255 285

```

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 255 DEGREES FROM REC3 .

```


S10	B130	BRT	PM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT PM					14	1	0	

1								
1	NB	GP	AG242847.548677.243111.548116.	6375	4.2	0.	56.	66
0	1	NB	GP	AG243111.548116.243365.547587.	6375	4.2	0.	56.
0	1	NB	GP	AG243365.547587.243712.546883.	6375	4.2	0.	56.
0	1	NB	ETL	AG242784.548653.243045.548121.	2975	4.2	0.	44.
0	1	NB	ETL	AG243045.548121.243329.547524.	2975	4.2	0.	44.
0	1	NB	ETL	AG243329.547524.243665.546853.	2975	4.2	0.	44.
0	1	SB	GP	AG243563.546817.243216.547513.	3875	4.2	0.	56.
0	1	SB	GP	AG243216.547513.242960.548053.	3875	4.2	0.	56.
0	1	SB	GP	AG242960.548053.242690.548608.	3875	4.2	0.	56.
0	1	SB	ETL	AG243621.546842.243524.547020.	1100	4.2	0.	44.
0	1	SB	ETL	AG243524.547020.243056.547995.	1100	4.2	0.	44.
0	1	SB	ETL	AG243056.547995.242740.548636.	1100	4.2	0.	44.
0	1	NB	BUS	AG243002.548727.243867.546978.	12	0.4	0.	32.
0	1	SB	BUS	AG243815.546953.242945.548714.	12	0.4	0.	32.
1.0	0.4	1000.	0.0Y	5	0	72		

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 01/10/2007 TIME: 11:50:45.63

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	NB GP	*	242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	6375.	4.2	.0	56.0	
2. 0	NB GP	*	243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	6375.	4.2	.0	56.0	
3. 0	NB GP	*	243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	6375.	4.2	.0	56.0	
4.	NB ETL	*	242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	2975.	4.2	.0	44.0	
5. 0	NB ETL	*	243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	2975.	4.2	.0	44.0	
6. 0	NB ETL	*	243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	2975.	4.2	.0	44.0	
7. 0	SB GP	*	243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3875.	4.2	.0	56.0	
8. 0	SB GP	*	243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3875.	4.2	.0	56.0	
9. 0	SB GP	*	242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3875.	4.2	.0	56.0	
10. 0	SB ETL	*	243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1100.	4.2	.0	44.0	
11. 0	SB ETL	*	243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1100.	4.2	.0	44.0	
12. 0	SB ETL	*	243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1100.	4.2	.0	44.0	
13. 0	NB BUS	*	243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	*	243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

DATE: 01/10/2007 TIME: 11:50:45.63

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.1	.1	.0	.0
160.	*	.1	.1	.1	.0
165.	*	.3	.2	.1	.1
170.	*	.4	.3	.2	.1
175.	*	.5	.5	.3	.2
180.	*	.5	.5	.5	.3

10B130BP.OUT

185. * .5 .5 .5 .4
 190. * .5 .4 .5 .5
 195. * .5 .5 .5 .5
 200. * .6 .5 .5 .5
 205. * .5 .5 .5 .5

1

JOB: S10 B130 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

PAGE 4

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
210.	*	.5	.5	.5	.4
215.	*	.5	.4	.5	.4
220.	*	.5	.4	.4	.4
225.	*	.4	.4	.4	.4
230.	*	.4	.4	.4	.4
235.	*	.4	.4	.4	.4
240.	*	.4	.4	.4	.4
245.	*	.4	.4	.3	.4
250.	*	.4	.4	.5	.4
255.	*	.4	.4	.4	.4
260.	*	.4	.4	.4	.4
265.	*	.4	.5	.5	.4
270.	*	.4	.5	.4	.4
275.	*	.4	.5	.4	.3
280.	*	.4	.5	.4	.5
285.	*	.5	.5	.5	.5
290.	*	.6	.5	.5	.4
295.	*	.4	.5	.5	.5
300.	*	.5	.5	.5	.4
305.	*	.5	.6	.6	.4
310.	*	.4	.4	.5	.4
315.	*	.3	.5	.4	.5
320.	*	.3	.4	.2	.3
325.	*	.1	.1	.2	.2
330.	*	.1	.1	.1	.2
335.	*	.0	.1	.1	.0
340.	*	.0	.0	.0	.0
345.	*	.0	.0	.0	.0
350.	*	.0	.0	.0	.0
355.	*	.0	.0	.0	.0
360.	*	.0	.0	.0	.0
MAX	*	.6	.6	.6	.5
DEGR.	*	200	305	305	190

THE HIGHEST CONCENTRATION IS .60 PPM AT 200 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 305 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 305 DEGREES FROM REC3 .

S10	B230	BRT	AM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH	AND	STALEY	BRIDGE	BRT	AM	14	1	0

1								
1	NB	GP	AG242847.548677.243111.548116.	1850	4.2	0.	56.	65
0	1	NB	GP	AG243111.548116.243365.547587.	1850	4.2	0.	56.
0	1	NB	GP	AG243365.547587.243712.546883.	1850	4.2	0.	56.
0	1	NB	ETL	AG242784.548653.243045.548121.	1325	4.1	0.	44.
0	1	NB	ETL	AG243045.548121.243329.547524.	1325	4.1	0.	44.
0	1	NB	ETL	AG243329.547524.243665.546853.	1325	4.1	0.	44.
0	1	SB	GP	AG243563.546817.243216.547513.	6875	4.2	0.	56.
0	1	SB	GP	AG243216.547513.242960.548053.	6875	4.2	0.	56.
0	1	SB	GP	AG242960.548053.242690.548608.	6875	4.2	0.	56.
0	1	SB	ETL	AG243621.546842.243524.547020.	2975	4.1	0.	44.
0	1	SB	ETL	AG243524.547020.243056.547995.	2975	4.1	0.	44.
0	1	SB	ETL	AG243056.547995.242740.548636.	2975	4.1	0.	44.
0	1	NB	BUS	AG243002.548727.243867.546978.	18	0.4	0.	32.
0	1	SB	BUS	AG243815.546953.242945.548714.	19	0.4	0.	32.
1.0	0.4	1000.	0.0Y	5	0	72		

JOB: S10 B230 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 01/18/2007 TIME: 14:17:09.43

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	NB GP	*	242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	1850.	4.2	.0	56.0	
2. 0	NB GP	*	243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	1850.	4.2	.0	56.0	
3. 0	NB GP	*	243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	1850.	4.2	.0	56.0	
4.	NB ETL	*	242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	1325.	4.1	.0	44.0	
5. 0	NB ETL	*	243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	1325.	4.1	.0	44.0	
6. 0	NB ETL	*	243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	1325.	4.1	.0	44.0	
7. 0	SB GP	*	243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	6875.	4.2	.0	56.0	
8. 0	SB GP	*	243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	6875.	4.2	.0	56.0	
9. 0	SB GP	*	242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	6875.	4.2	.0	56.0	
10. 0	SB ETL	*	243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	2975.	4.1	.0	44.0	
11. 0	SB ETL	*	243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	2975.	4.1	.0	44.0	
12. 0	SB ETL	*	243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	2975.	4.1	.0	44.0	
13. 0	NB BUS	*	243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	18.	.4	.0	32.0	
14. 0	SB BUS	*	243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	19.	.4	.0	32.0	

JOB: S10 B230 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

DATE: 01/18/2007 TIME: 14:17:09.43

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

JOB: S10 B230 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)			
		REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.2	.1	.0	.0
170.	*	.2	.2	.1	.0
175.	*	.3	.2	.2	.1
180.	*	.3	.4	.2	.2

```

185. * .3 .4 .3 .2
190. * .4 .4 .4 .2
195. * .4 .4 .4 .3
200. * .4 .3 .4 .4
205. * .4 .3 .4 .4

```

10B230BA.OUT

1

JOB: S10 B230 BRT AM

RUN: CHURCH AND STALEYBRIDGE BRT AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .3 .3 .4 .4
215. * .4 .4 .4 .4
220. * .4 .4 .4 .4
225. * .4 .4 .4 .4
230. * .4 .3 .4 .4
235. * .4 .4 .4 .4
240. * .4 .4 .3 .4
245. * .4 .4 .4 .4
250. * .4 .4 .3 .4
255. * .4 .4 .3 .4
260. * .4 .4 .2 .3
265. * .4 .4 .4 .3
270. * .2 .4 .4 .4
275. * .4 .4 .4 .4
280. * .4 .4 .4 .3
285. * .4 .3 .4 .3
290. * .3 .3 .4 .3
295. * .3 .4 .4 .4
300. * .4 .4 .4 .4
305. * .4 .3 .3 .4
310. * .3 .2 .4 .4
315. * .3 .2 .3 .3
320. * .1 .1 .1 .1
325. * .0 .0 .1 .1
330. * .0 .0 .0 .0
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .4 .4 .4 .4
DEGR. * 190 180 190 200

```

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 190 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 180 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 190 DEGREES FROM REC3 .

```

S10	B230	BRT	PM		60.0175.0.0000.000	40.30480000	11	1
REC	10-1			243392.	547994.	5.		
REC	10-2			243470.	547833.	5.		
REC	10-3			243569.	547637.	5.		
REC	10-4			243642.	547500.	5.		
CHURCH AND STALEYBRIDGE BRT PM					14	1	0	
1								
1		NB	GP	AG242847.548677.243111.548116.		6075 3.7 0. 56.	56	
0	1		NB	GP	AG243111.548116.243365.547587.	6075 3.7 0. 56.	56	
0	1		NB	GP	AG243365.547587.243712.546883.	6075 3.7 0. 56.	56	
0	1		NB	ETL	AG242784.548653.243045.548121.	3350 3.9 0. 44.	60	
0	1		NB	ETL	AG243045.548121.243329.547524.	3350 3.9 0. 44.	60	
0	1		NB	ETL	AG243329.547524.243665.546853.	3350 3.9 0. 44.	60	
0	1		SB	GP	AG243563.546817.243216.547513.	3650 4.2 0. 56.	66	
0	1		SB	GP	AG243216.547513.242960.548053.	3650 4.2 0. 56.	66	
0	1		SB	GP	AG242960.548053.242690.548608.	3650 4.2 0. 56.	66	
0	1		SB	ETL	AG243621.546842.243524.547020.	1075 4.1 0. 44.	63	
0	1		SB	ETL	AG243524.547020.243056.547995.	1075 4.1 0. 44.	63	
0	1		SB	ETL	AG243056.547995.242740.548636.	1075 4.1 0. 44.	63	
0	1		NB	BUS	AG243002.548727.243867.546978.	12 0.4 0. 32.	28	
0	1		SB	BUS	AG243815.546953.242945.548714.	12 0.4 0. 32.	28	
1.0	0.4	1000.	0.0Y	5	0 72			

1

JOB: S10 B230 BRT PM
DATE: 01/18/2007 TIME: 14:18:31.54

RUN: CHURCH AND STALEYBRIDGE BRT PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 242847.0	548677.0	243111.0	548116.0	*	620.	155. AG	6075.	3.7	.0	56.0	
2. 0	NB GP	* 243111.0	548116.0	243365.0	547587.0	*	587.	154. AG	6075.	3.7	.0	56.0	
3. 0	NB GP	* 243365.0	547587.0	243712.0	546883.0	*	785.	154. AG	6075.	3.7	.0	56.0	
4.	NB ETL	* 242784.0	548653.0	243045.0	548121.0	*	593.	154. AG	3350.	3.9	.0	44.0	
5. 0	NB ETL	* 243045.0	548121.0	243329.0	547524.0	*	661.	155. AG	3350.	3.9	.0	44.0	
6. 0	NB ETL	* 243329.0	547524.0	243665.0	546853.0	*	750.	153. AG	3350.	3.9	.0	44.0	
7. 0	SB GP	* 243563.0	546817.0	243216.0	547513.0	*	778.	334. AG	3650.	4.2	.0	56.0	
8. 0	SB GP	* 243216.0	547513.0	242960.0	548053.0	*	598.	335. AG	3650.	4.2	.0	56.0	
9. 0	SB GP	* 242960.0	548053.0	242690.0	548608.0	*	617.	334. AG	3650.	4.2	.0	56.0	
10. 0	SB ETL	* 243621.0	546842.0	243524.0	547020.0	*	203.	331. AG	1075.	4.1	.0	44.0	
11. 0	SB ETL	* 243524.0	547020.0	243056.0	547995.0	*	1081.	334. AG	1075.	4.1	.0	44.0	
12. 0	SB ETL	* 243056.0	547995.0	242740.0	548636.0	*	715.	334. AG	1075.	4.1	.0	44.0	
13. 0	NB BUS	* 243002.0	548727.0	243867.0	546978.0	*	1951.	154. AG	12.	.4	.0	32.0	
14. 0	SB BUS	* 243815.0	546953.0	242945.0	548714.0	*	1964.	334. AG	12.	.4	.0	32.0	

1

JOB: S10 B230 BRT PM
DATE: 01/18/2007 TIME: 14:18:31.54

RUN: CHURCH AND STALEYBRIDGE BRT PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 10-1	*	243392.0	547994.0	5.0	*
2. REC 10-2	*	243470.0	547833.0	5.0	*
3. REC 10-3	*	243569.0	547637.0	5.0	*
4. REC 10-4	*	243642.0	547500.0	5.0	*

1

JOB: S10 B230 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.0	.0	.0	.0
5.	*	.0	.0	.0	.0
10.	*	.0	.0	.0	.0
15.	*	.0	.0	.0	.0
20.	*	.0	.0	.0	.0
25.	*	.0	.0	.0	.0
30.	*	.0	.0	.0	.0
35.	*	.0	.0	.0	.0
40.	*	.0	.0	.0	.0
45.	*	.0	.0	.0	.0
50.	*	.0	.0	.0	.0
55.	*	.0	.0	.0	.0
60.	*	.0	.0	.0	.0
65.	*	.0	.0	.0	.0
70.	*	.0	.0	.0	.0
75.	*	.0	.0	.0	.0
80.	*	.0	.0	.0	.0
85.	*	.0	.0	.0	.0
90.	*	.0	.0	.0	.0
95.	*	.0	.0	.0	.0
100.	*	.0	.0	.0	.0
105.	*	.0	.0	.0	.0
110.	*	.0	.0	.0	.0
115.	*	.0	.0	.0	.0
120.	*	.0	.0	.0	.0
125.	*	.0	.0	.0	.0
130.	*	.0	.0	.0	.0
135.	*	.0	.0	.0	.0
140.	*	.0	.0	.0	.0
145.	*	.0	.0	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.1	.1	.0	.0
160.	*	.1	.1	.1	.0
165.	*	.3	.1	.1	.1
170.	*	.4	.3	.1	.1
175.	*	.5	.4	.3	.1
180.	*	.4	.4	.4	.3


```

185. * .4 .4 .4 .3
190. * .5 .4 .4 .4
195. * .4 .5 .4 .4
200. * .5 .4 .4 .4
205. * .4 .4 .4 .4

```

10B230BP.OUT

1

JOB: S10 B230 BRT PM

RUN: CHURCH AND STALEYBRIDGE BRT PM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4
-----*-----
210. * .4 .5 .4 .4
215. * .4 .4 .4 .4
220. * .4 .4 .4 .4
225. * .4 .4 .4 .4
230. * .4 .4 .4 .4
235. * .4 .4 .4 .4
240. * .4 .4 .4 .4
245. * .4 .4 .3 .4
250. * .4 .4 .3 .4
255. * .4 .4 .4 .4
260. * .4 .4 .4 .4
265. * .4 .4 .5 .4
270. * .4 .4 .4 .4
275. * .4 .4 .4 .3
280. * .4 .4 .4 .5
285. * .5 .4 .4 .4
290. * .5 .4 .4 .4
295. * .4 .4 .4 .5
300. * .5 .5 .4 .4
305. * .4 .6 .4 .4
310. * .4 .4 .5 .4
315. * .3 .4 .4 .4
320. * .3 .2 .2 .2
325. * .1 .1 .2 .2
330. * .1 .1 .1 .2
335. * .0 .0 .0 .0
340. * .0 .0 .0 .0
345. * .0 .0 .0 .0
350. * .0 .0 .0 .0
355. * .0 .0 .0 .0
360. * .0 .0 .0 .0
-----*-----
MAX * .5 .6 .5 .5
DEGR. * 175 305 265 280

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 305 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 175 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 265 DEGREES FROM REC3 .

```

Site 11 MD 355 & Middlebrook Rd.

S11 EXAM.DAT									
S11	EX	AM	60.0175.0.0000.000280.30480000 11 1						
REC 1	400'	SE CORNER	244834.	551238.	5.				
REC 2	164'	SE CORNER	244829.	551470.	5.				
REC 3	82'	SE CORNER	244829.	551551.	5.				
REC 4	SE CORNER	244837.	551632.	5.					
REC 5	82'	ES CORNER	244938.	551685.	5.				
REC 6	164'	ES CORNER	245006.	551709.	5.				
REC 7	400'	ES CORNER	245215.	551766.	5.				
REC 8	400'	EN CORNER	245259.	551934.	5.				
REC 9	164'	EN CORNER	245031.	551899.	5.				
REC 10	82'	EN CORNER	244955.	551873.	5.				
REC 11	NE CORNER	244867.	551854.	5.					
REC 12	82'	NE CORNER	244848.	551928.	5.				
REC 13	164'	NE CORNE	244841.	552009.	5.				
REC 14	400'	NE CORNE	244784.	552237.	5.				
REC 15	400'	NW CORNE	244600.	552156.	5.				
REC 16	164'	NW CORNE	244636.	551926.	5.				
REC 17	82'	NW CORNER	244649.	551841.	5.				
REC 18	NW CORNER	244657.	551738.	5.					
REC 19	82'	WM CORNER	244606.	551667.	5.				
REC 20	164'	WN CORNE	244548.	551608.	5.				
REC 21	400'	WN CORNE	244379.	551437.	5.				
REC 22	400'	WS CORNE	244402.	551189.	5.				
REC 23	164'	WS CORNE	244542.	551370.	5.				
REC 24	82'	WS CORNER	244592.	551436.	5.				
REC 25	SW CORNER	244656.	551475.	5.					
REC 26	82'	SW CORNER	244670.	551414.	5.				
REC 27	164'	SW CORNE	244668.	551334.	5.				
REC 28	400'	SW CORNE	244661.	551094.	5.				
S11 MD	355 & MID			42 1 0					
0 1	EB MIDAP	AG244539.551463.244449.551357.	459 2.9 0. 68. 40.						
0 1	EB MIDAP	AG244449.551357.244284.551105.	459 2.9 0. 68. 40.						
0 1	EB MIDAP	AG244284.551105.244134.550896.	459 2.9 0. 56. 40.						
0 1	EB MIDAP	AG244759.551652.244539.551463.	459 2.9 0. 68. 40.						
2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4						
133 108		4.0 459 29.1 1646 2 3							
0 1	EB MIDDP	AG245739.551824.245453.551834.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245453.551834.245272.551830.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245271.551829.245101.551799.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245101.551799.244926.551744.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG244926.551744.244758.551654.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245739.551824.245453.551834.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245453.551834.245272.551830.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245271.551829.245101.551799.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG245101.551799.244926.551744.	325 2.9 0. 44. 40.						
0 1	EB MIDDP	AG244926.551744.244758.551654.	325 2.9 0. 44. 40.						
0 1	WB MID T&LAG	AG244764.551724.244971.551813.	1890 2.9 0. 56. 40.						
0 1	WB MID T&LAG	AG244971.551813.245175.551854.	1890 2.9 0. 56. 40.						
0 1	WB MID T&LAG	AG245175.551854.245531.551852.	1890 2.9 0. 44. 40.						
0 1	WB MID T&LAG	AG245531.551852.245735.551843.	1890 2.9 0. 44. 40.						
0 1	WB MID R	AG244791.551838.244832.551790.	1 2.9 0. 32. 40.						
0 1	WB MID R	AG244832.551790.244985.551839.	1 2.9 0. 32. 40.						
33 1	WB MIDDP	AG244760.551728.244575.551589.	2477 2.9 0. 56. 40.						
34 1	WB MIDDP	AG244575.551589.244412.551418.	2477 2.9 0. 56. 40.						
35 1	WB MIDdp	AG244412.551418.244147.551001.	2477 2.9 0. 56. 40.						
0 1	NB 355L	AG244750.551678.244742.551222.	236 2.9 0. 44. 40.						
0 2	NB 355L	AG244748.551582.244745.551403.	0. 24. 2						
133 117		4.0 236 29.1 1717 2 3							
0 1	NB 355T	AG244779.551708.244769.551222.	163 2.9 0. 56. 40.						
0 2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3						
133 73		4.0 163 29.1 1770 2 3							
0 1	NB 355 AllAG	AG244764.551223.244752.550687.	399 2.9 0. 56. 40.						
0 1	NB 355 Dp	AG244591.552672.244713.552291.	641 2.9 0. 56. 40.						
0 1	NB 355 Dp	AG244713.552291.244764.552120.	641 2.9 0. 56. 40.						
0 1	NB 355 Dp	AG244764.552120.244786.551952.	641 2.9 0. 56. 40.						
0 1	NB 355 Dp	AG244786.551952.244784.551709.	641 2.9 0. 56. 40.						
0 1	SB 355 L	AG244752.551692.244747.552001.	110 2.9 0. 44. 40.						
0 2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2						
133 116		4.0 110 29.1 1717 2 3							
0 1	SB 355 L	AG244747.552001.244730.552106.	110 2.9 0. 44. 40.						

```

                                S11EXAM.DAT
0 1
0 2      SB 355 T AG244715.551687.244716.551928. 3216 2.9 0. 68. 40.
0 133 SB 355T AG244715.551761.244716.551923. 0. 48. 4
    72      4.0 3216 29.1 1667 2 3
0 1      SB 355 T AG244716.551928.244708.552103. 3216 2.9 0. 68. 40.
0 1      SB 355 AllAG244718.552109.244647.552356. 3326 2.9 0. 56. 40.
0 1      SB 355 AllAG244647.552356.244553.552665. 3326 2.9 0. 56. 40.
0 1      SB 355 dp AG244693.550687.244714.551685. 2631 2.9 0. 56. 40.
1.0 0.4 1000. 0.0Y 5 0 72

```

JOB: S11 EX AM
DATE: 12/14/2006 TIME: 11:21:08.63

RUN: S11 MD 355 & MID

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	459.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	459.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	459.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	459.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244629.1	551540.1	*	67.	229. AG	254.	100.0	.0	48.0	.49 3.4
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	325.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	325.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	325.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	325.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	325.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	325.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	325.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	325.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	325.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	325.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1890.	2.9	.0	56.0	
17. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1890.	2.9	.0	56.0	
18. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1890.	2.9	.0	44.0	
19. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1890.	2.9	.0	44.0	
20. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	1.	2.9	.0	32.0	
21. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	1.	2.9	.0	32.0	
22. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	2477.	2.9	.0	56.0	
23. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	2477.	2.9	.0	56.0	
24. 35	WB MIDDP	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	2477.	2.9	.0	56.0	
25. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	236.	2.9	.0	44.0	
26. 0	NB 355L	* 244748.0	551582.0	244746.4	551485.9	*	96.	181. AG	137.	100.0	.0	24.0	.91 4.9
27. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	163.	2.9	.0	56.0	
28. 0	NB 355T	* 244777.0	551600.0	244776.5	551578.5	*	22.	181. AG	129.	100.0	.0	36.0	.08 1.1
29. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	399.	2.9	.0	56.0	
30. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	641.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	641.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	641.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	641.	2.9	.0	56.0	
34. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	110.	2.9	.0	44.0	
35. 0	SB 355L	* 244751.0	551782.0	244750.4	551816.9	*	35.	359. AG	136.	100.0	.0	24.0	.39 1.8
36. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	110.	2.9	.0	44.0	
37. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	3216.	2.9	.0	68.0	
38. 0	SB 355T	* 244715.0	551761.0	244724.6	553312.1	*	1551.	0. AG	169.	100.0	.0	48.0	1.17 78.8
39. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	3216.	2.9	.0	68.0	
40. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	3326.	2.9	.0	56.0	
41. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	3326.	2.9	.0	56.0	
42. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2631.	2.9	.0	56.0	

JOB: S11 EX AM
DATE: 12/14/2006 TIME: 11:21:08.63

RUN: S11 MD 355 & MID

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 133	108	4.0	459	1646	29.10	2	3
26. 0	NB 355L	* 133	117	4.0	236	1717	29.10	2	3
28. 0	NB 355T	* 133	73	4.0	163	1770	29.10	2	3
35. 0	SB 355L	* 133	116	4.0	110	1717	29.10	2	3
38. 0	SB 355T	* 133	72	4.0	3216	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*
25. REC 25 SW CORNER	*	244656.0	551475.0	5.0	*
26. REC 26 82' SW CORNER	*	244670.0	551414.0	5.0	*

27. REC 27 164' SW CORNE * 244668.0 551334.0
28. REC 28 400' SW CORNE * 244661.0 551094.0

S11EXAM.OUT
5.0 *
5.0 *

1

JOB: S11 EX AM

RUN: S11 MD 355 & MID

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.3	.2	.2	.1	.1	.0	.0	.0	.1	.1	.1	.3	.2	.3	.5	.5	.2	.1
5.	*	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.4	.4	.6	.6	.2	.1
10.	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.4	.5	.6	.7	.3	.2
15.	*	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.8	.5	.2
20.	*	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.8	.5	.2
25.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.7	.4	.3
30.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.4	.3
35.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.3	.3
40.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.3	.3
45.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.6	.3	.3
50.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.2	.4
55.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.3	.3
60.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.3
65.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.3	.3
70.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.5	.4	.4
75.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.4	.4
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.4	.4	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.5	.5	.5	.4	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.3	.5	.5	.4	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.3	.5	.5	.4	.3	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.3	.4	.6	.4	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.3	.4	.7	.3	.3	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.0	.0	.3	.5	.7	.3	.3	.7
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.4	.5	.7	.3	.3	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.4	.5	.7	.3	.4	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.3	.5	.6	.4	.5	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.3	.5	.5	.3	.5	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.3	.5	.4	.3	.5	.5
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.3	.5	.4	.3	.6	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.3	.5	.5	.4	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.4	.4	.5	.5	.5	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.4	.4	.5	.4	.5	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.4	.3	.5	.5	.5	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.2	.4	.3	.5	.5	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.3	.4	.4	.4	.5	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.2	.2	.3	.4	.4	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.2	.2	.2	.3	.3	.4	.2
185.	*	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.1	.5	.0	.1	.3	.3	.3	.3
190.	*	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.1	.5	.0	.0	.2	.3	.3	.3
195.	*	.1	.1	.1	.1	.1	.0	.0	.1	.1	.2	.2	.1	.3	.5	.0	.0	.1	.2	.3	.3
200.	*	.1	.1	.1	.1	.1	.0	.0	.1	.1	.2	.2	.1	.3	.6	.0	.0	.0	.2	.2	.3
205.	*	.1	.1	.1	.2	.1	.1	.0	.1	.2	.2	.2	.3	.2	.6	.0	.0	.1	.2	.2	.4

1

JOB: S11 EX AM

RUN: S11 MD 355 & MID

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.2	.1	.1	.0	.1	.3	.2	.2	.4	.3	.6	.0	.0	.0	.2	.3	.4
215.	*	.1	.1	.1	.2	.1	.1	.0	.1	.3	.2	.4	.3	.3	.6	.0	.0	.0	.2	.3	.4
220.	*	.1	.1	.1	.3	.1	.1	.0	.1	.3	.2	.4	.3	.3	.5	.0	.0	.0	.1	.3	.3
225.	*	.1	.1	.2	.3	.2	.1	.0	.2	.1	.1	.2	.3	.3	.5	.0	.0	.0	.1	.1	.3
230.	*	.1	.1	.2	.4	.2	.1	.0	.1	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.2	.4	.2	.1	.0	.1	.1	.3	.3	.3	.4	.4	.0	.0	.0	.0	.1	.1
240.	*	.1	.1	.2	.4	.2	.1	.0	.1	.1	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.1
245.	*	.1	.1	.3	.4	.2	.1	.0	.1	.3	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.3	.3	.2	.0	.0	.1	.2	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.4	.2	.3	.0	.0	.0	.2	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.5	.3	.1	.1	.0	.1	.2	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.5	.3	.1	.1	.0	.1	.2	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
270.	*	.1	.1	.4	.2	.1	.0	.0	.1	.1	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
275.	*	.1	.2	.4	.2	.2	.2	.1	.1	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
280.	*	.1	.3	.3	.2	.2	.3	.2	.1	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.5	.2	.3	.3	.2	.1	.1	.1	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
290.	*	.1	.3	.5	.2	.3	.3	.2	.1	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.5	.2	.3	.3	.2	.1	.1	.2	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
300.	*	.1	.4	.4	.2	.3	.3	.2	.1	.1	.2	.3	.3	.3	.4	.0	.0	.0	.0	.0	.0
305.	*	.1	.4	.3	.2	.3	.2	.2	.1	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
310.	*	.1	.5	.3	.3	.3	.2	.2	.1	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
315.	*	.1	.4	.4	.3	.4	.2	.2	.1	.1	.1	.3	.3	.3	.6	.0	.0	.0	.0	.0	.0
320.	*	.1	.3	.5	.3	.3	.2	.2	.1	.1	.3	.3	.4	.3	.6	.0	.0	.0	.0	.0	.0
325.	*	.1	.3	.4	.3	.3	.2	.2	.1	.1	.3	.4	.4	.3	.5	.0	.0	.0	.0	.0	.0
330.	*	.1	.5	.3	.4	.3	.2	.2	.1	.1	.2	.4	.3	.4	.5	.0	.0	.0	.0	.0	.0
335.	*	.1	.4	.3	.4	.3	.2	.1	.1	.1	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.2	.3	.3	.5	.3	.1	.2	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	*	.2	.3	.3	.5	.3	.1	.1	.0	.1	.1	.2	.2	.3	.4	.0	.0	.0	.1	.0	.0
350.	*	.1	.3	.3	.3	.2	.2	.1	.0	.1	.1	.2	.2	.2	.4	.1	.1	.1	.1	.0	.0
355.	*	.1	.2	.2	.3	.2	.2	.1	.0	.0	.1	.2	.2	.2	.3	.2	.2	.2	.2	.1	.0
360.	*	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1	.3	.2	.3	.5	.5	.2	.1
MAX DEGR.	*	.2	.5	.5	.5	.4	.3	.2	.2	.3	.3	.4	.4	.5	.6	.5	.6	.7	.8	.6	.7

1

JOB: S11 EX AM

RUN: S11 MD 355 & MID

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.2	.3	.8	.7	.5	.3
5.	.0	.2	.2	.4	.8	.7	.5	.3
10.	.1	.2	.3	.5	.8	.7	.6	.4
15.	.1	.2	.4	.6	.7	.7	.5	.4
20.	.1	.2	.3	.5	.7	.5	.5	.3
25.	.1	.1	.3	.6	.4	.4	.4	.3
30.	.1	.1	.4	.5	.3	.4	.4	.3
35.	.2	.0	.2	.3	.4	.4	.3	.3
40.	.2	.0	.2	.2	.3	.4	.3	.3
45.	.3	.1	.2	.3	.3	.3	.2	.2
50.	.3	.1	.2	.3	.3	.3	.2	.2
55.	.3	.1	.1	.2	.3	.3	.2	.2
60.	.3	.1	.1	.2	.4	.2	.2	.2
65.	.4	.1	.1	.2	.3	.2	.2	.2
70.	.3	.1	.1	.2	.3	.2	.2	.2
75.	.3	.1	.1	.1	.3	.2	.2	.2
80.	.2	.1	.1	.1	.3	.2	.2	.2
85.	.2	.1	.1	.1	.3	.2	.2	.2
90.	.3	.1	.1	.1	.3	.2	.2	.2
95.	.2	.1	.1	.1	.2	.2	.2	.2
100.	.2	.1	.1	.1	.2	.2	.2	.2
105.	.2	.1	.1	.1	.2	.2	.2	.2
110.	.2	.1	.1	.1	.2	.2	.2	.2
115.	.3	.1	.1	.1	.2	.2	.2	.2
120.	.3	.1	.1	.1	.2	.2	.2	.2
125.	.3	.1	.1	.1	.2	.2	.2	.2
130.	.3	.1	.1	.1	.2	.2	.2	.2
135.	.3	.1	.1	.1	.2	.2	.2	.2
140.	.3	.0	.1	.1	.2	.3	.3	.2
145.	.3	.0	.1	.1	.2	.3	.3	.3
150.	.2	.0	.1	.1	.2	.3	.3	.3
155.	.2	.0	.1	.1	.2	.3	.3	.3
160.	.2	.0	.1	.1	.2	.3	.3	.3
165.	.2	.0	.1	.1	.2	.3	.3	.3
170.	.2	.0	.0	.1	.2	.3	.3	.3
175.	.2	.0	.0	.1	.2	.3	.3	.2
180.	.3	.0	.0	.0	.1	.2	.2	.2
185.	.3	.0	.0	.0	.1	.2	.2	.1
190.	.3	.0	.0	.0	.1	.1	.1	.1
195.	.3	.0	.0	.0	.0	.1	.1	.0
200.	.3	.0	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 EX AM

RUN: S11 MD 355 & MID

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.0	.0	.0	.0	.0	.0
215.	.2	.0	.0	.0	.0	.0	.0	.0
220.	.1	.0	.0	.0	.0	.0	.0	.0
225.	.1	.0	.1	.1	.0	.0	.0	.0
230.	.0	.1	.1	.1	.1	.0	.0	.0
235.	.0	.1	.1	.1	.1	.1	.0	.0
240.	.0	.1	.1	.1	.1	.1	.0	.0
245.	.0	.1	.1	.1	.1	.1	.0	.0
250.	.0	.1	.1	.1	.1	.1	.1	.0
255.	.0	.1	.1	.1	.0	.1	.1	.0
260.	.0	.1	.1	.1	.1	.1	.1	.0
265.	.0	.1	.1	.1	.1	.0	.1	.0
270.	.0	.1	.1	.1	.1	.0	.1	.0
275.	.0	.1	.1	.1	.1	.0	.0	.0
280.	.0	.1	.1	.1	.1	.1	.0	.0
285.	.0	.1	.1	.1	.1	.1	.0	.0
290.	.0	.1	.0	.1	.1	.1	.0	.0
295.	.0	.1	.1	.1	.1	.1	.0	.0
300.	.0	.1	.1	.1	.1	.1	.0	.0
305.	.0	.1	.1	.1	.1	.1	.1	.0
310.	.0	.1	.1	.1	.1	.1	.1	.0
315.	.0	.1	.1	.1	.1	.1	.1	.0
320.	.0	.1	.1	.1	.2	.1	.1	.0
325.	.0	.1	.1	.1	.1	.0	.1	.0
330.	.0	.1	.1	.1	.3	.1	.0	.0
335.	.0	.1	.1	.1	.3	.1	.0	.0
340.	.0	.1	.1	.1	.4	.1	.1	.0
345.	.0	.1	.1	.1	.4	.3	.1	.0
350.	.0	.1	.1	.1	.5	.5	.3	.2
355.	.0	.1	.1	.2	.7	.6	.3	.2
360.	.0	.1	.2	.3	.8	.7	.5	.3

MAX DEGR.	65	5	15	15	0	0	10	10
.4	.2	.4	.6	.8	.7	.6	.4	

THE HIGHEST CONCENTRATION IS .80 PPM AT 15 DEGREES FROM REC18.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 0 DEGREES FROM REC25.

THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 45 DEGREES FROM REC17. S11EXAM.OUT

S11 EX PM										S11EXPM.DAT									
REC 1	400'	SE CORNER	244834.	551238.	5.	60.0175.0.0000.000280.30480000	11	1											
REC 2	164'	SE CORNER	244829.	551470.	5.														
REC 3	82'	SE CORNER	244829.	551551.	5.														
REC 4		SE CORNER	244837.	551632.	5.														
REC 5	82'	ES CORNER	244938.	551685.	5.														
REC 6	164'	ES CORNER	245006.	551709.	5.														
REC 7	400'	ES CORNER	245215.	551766.	5.														
REC 8	400'	EN CORNER	245259.	551934.	5.														
REC 9	164'	EN CORNER	245031.	551899.	5.														
REC 10	82'	EN CORNER	244955.	551873.	5.														
REC 11		NE CORNER	244867.	551854.	5.														
REC 12	82'	NE CORNER	244848.	551928.	5.														
REC 13	164'	NE CORNE	244841.	552009.	5.														
REC 14	400'	NE CORNE	244784.	552237.	5.														
REC 15	400'	NW CORNE	244600.	552156.	5.														
REC 16	164'	NW CORNE	244636.	551926.	5.														
REC 17	82'	NW CORNER	244649.	551841.	5.														
REC 18		NW CORNER	244657.	551738.	5.														
REC 19	82'	WM CORNER	244606.	551667.	5.														
REC 20	164'	WN CORNE	244548.	551608.	5.														
REC 21	400'	WN CORNE	244379.	551437.	5.														
REC 22	400'	WS CORNE	244402.	551189.	5.														
REC 23	164'	WS CORNE	244542.	551370.	5.														
REC 24	82'	WS CORNER	244592.	551436.	5.														
REC 25		SW CORNER	244656.	551475.	5.														
REC 26	82'	SW CORNER	244670.	551414.	5.														
REC 27	164'	SW CORNE	244668.	551334.	5.														
REC 28	400'	SW CORNE	244661.	551094.	5.														
S11 MD	355 & MID					42	1	0											
0	1	EB MIDAP	AG244539.551463.244449.551357.	1672	2.9	0.	68.	40.											
0	1	EB MIDAP	AG244449.551357.244284.551105.	1672	2.9	0.	68.	40.											
0	1	EB MIDAP	AG244284.551105.244134.550896.	1672	2.9	0.	56.	40.											
0	1	EB MIDAP	AG244759.551652.244539.551463.	1672	2.9	0.	68.	40.											
0	2	EB MID TQ	AG244680.551584.244563.551483.	0.	48.	4													
103	64		4.0 1672 29.1 1632 2 3																
0	1	EB MIDDP	AG245739.551824.245453.551834.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245453.551834.245272.551830.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245271.551829.245101.551799.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245101.551799.244926.551744.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG244926.551744.244758.551654.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245739.551824.245453.551834.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245453.551834.245272.551830.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245271.551829.245101.551799.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG245101.551799.244926.551744.	737	2.9	0.	44.	40.											
0	1	EB MIDDP	AG244926.551744.244758.551654.	737	2.9	0.	44.	40.											
0	1	WB MID T&LAG	AG244764.551724.244971.551813.	655	2.9	0.	56.	40.											
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	655	2.9	0.	56.	40.											
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	655	2.9	0.	44.	40.											
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	655	2.9	0.	44.	40.											
0	1	WB MID R	AG244791.551838.244832.551790.	1	2.9	0.	32.	40.											
0	1	WB MID R	AG244832.551790.244985.551839.	1	2.9	0.	32.	40.											
33	1	WB MIDDP	AG244760.551728.244575.551589.	733	2.9	0.	56.	40.											
34	1	WB MIDDP	AG244575.551589.244412.551418.	733	2.9	0.	56.	40.											
35	1	WB MIDdp	AG244412.551418.244147.551001.	733	2.9	0.	56.	40.											
0	1	NB 355L	AG244750.551678.244742.551222.	322	2.9	0.	44.	40.											
0	2	NB 355L	AG244748.551582.244745.551403.	0.	24.	2													
103	84		4.0 322 29.1 1717 2 3																
0	1	NB 355T	AG244779.551708.244769.551222.	802	2.9	0.	56.	40.											
0	2	NB 355T	AG244777.551600.244772.551389.	0.	36.	3													
103	62		4.0 802 29.1 1770 2 3																
0	1	NB 355 AllAG	AG244764.551223.244752.550687.	1171	2.9	0.	56.	40.											
0	1	NB 355 Dp	AG244591.552672.244713.552291.	1594	2.9	0.	56.	40.											
0	1	NB 355 Dp	AG244713.552291.244764.552120.	1594	2.9	0.	56.	40.											
0	1	NB 355 Dp	AG244764.552120.244786.551952.	1594	2.9	0.	56.	40.											
0	1	NB 355 Dp	AG244786.551952.244784.551709.	1594	2.9	0.	56.	40.											
0	1	SB 355 L	AG244752.551692.244747.552001.	110	2.9	0.	44.	40.											
0	2	SB 355L	AG244751.551782.244748.551940.	0.	24.	2													
103	90		4.0 110 29.1 1717 2 3																
0	1	SB 355 L	AG244747.552001.244730.552106.	110	2.9	0.	44.	40.											

```

                                S11EXPM.DAT
0 1
0 2      SB 355 T AG244715.551687.244716.551928. 961 2.9 0. 68. 40.
0 103      SB 355T AG244715.551761.244716.551923. 0. 48. 4
      70      3 961 29.1 1667 3 3
0 1      SB 355 T AG244716.551928.244708.552103. 961 2.9 0. 68. 40.
0 1      SB 355 AllAG244718.552109.244647.552356. 1032 2.9 0. 56. 40.
0 1      SB 355 AllAG244647.552356.244553.552665. 1032 2.9 0. 56. 40.
0 1      SB 355 dp AG244693.550687.244714.551685. 1466 2.9 0. 56. 40.
1.0 0.4 1000. 0.0Y 5 0 72

```

JOB: S11 EX PM
DATE: 12/14/2006 TIME: 11:21:32.41

RUN: S11 MD 355 & MID

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1672.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1672.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1672.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1672.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244569.3	551488.4	*	146.	229. AG	194.	100.0	.0	48.0	.80 7.4
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	737.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	737.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	737.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	737.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	737.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	737.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	737.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	737.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	737.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	737.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	655.	2.9	.0	56.0	
17. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	655.	2.9	.0	56.0	
18. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	655.	2.9	.0	44.0	
19. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	655.	2.9	.0	44.0	
20. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	1.	2.9	.0	32.0	
21. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	1.	2.9	.0	32.0	
22. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	733.	2.9	.0	56.0	
23. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	733.	2.9	.0	56.0	
24. 35	WB MIDDP	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	733.	2.9	.0	56.0	
25. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	322.	2.9	.0	44.0	
26. 0	NB 355L	* 244748.0	551582.0	244746.7	551507.1	*	75.	181. AG	127.	100.0	.0	24.0	.75 3.8
27. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	802.	2.9	.0	56.0	
28. 0	NB 355T	* 244777.0	551600.0	244774.9	551509.5	*	91.	181. AG	141.	100.0	.0	36.0	.44 4.6
29. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	1171.	2.9	.0	56.0	
30. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	1594.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	1594.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	1594.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	1594.	2.9	.0	56.0	
34. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	110.	2.9	.0	44.0	
35. 0	SB 355L	* 244751.0	551782.0	244750.5	551809.1	*	27.	359. AG	136.	100.0	.0	24.0	.47 1.4
36. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	110.	2.9	.0	44.0	
37. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	961.	2.9	.0	68.0	
38. 0	SB 355T	* 244715.0	551761.0	244715.6	551852.9	*	92.	0. AG	212.	100.0	.0	48.0	.48 4.7
39. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	961.	2.9	.0	68.0	
40. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1032.	2.9	.0	56.0	
41. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1032.	2.9	.0	56.0	
42. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	1466.	2.9	.0	56.0	

JOB: S11 EX PM
DATE: 12/14/2006 TIME: 11:21:32.41

RUN: S11 MD 355 & MID

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 103	64	4.0	1672	1632	29.10	2	3
26. 0	NB 355L	* 103	84	4.0	322	1717	29.10	2	3
28. 0	NB 355T	* 103	62	4.0	802	1770	29.10	2	3
35. 0	SB 355L	* 103	90	4.0	110	1717	29.10	2	3
38. 0	SB 355T	* 103	70	.3	961	1667	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WN CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*
25. REC 25 SW CORNER	*	244656.0	551475.0	5.0	*
26. REC 26 82' SW CORNER	*	244670.0	551414.0	5.0	*

27. REC 27 164' SW CORNE * 244668.0 551334.0
28. REC 28 400' SW CORNE * 244661.0 551094.0

S11EXPM.OUT
5.0 *
5.0 *

1

JOB: S11 EX PM

RUN: S11 MD 355 & MID

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.2	.1
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.1	.1
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.1	.1
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.1	.2
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.6	.1	.1
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.5	.0	.1
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.3	.1	.2
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.1	.3
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.2	.4
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.3	.4
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.1	.3	.5
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	.1	.4	.4
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.1	.4	.3
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.1	.4	.4
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0	.5	.4
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0	.6	.4
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.2	.6	.4
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.2	.4	.6
145.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.5	.6
150.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.6
155.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.5	.5
160.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.5	.5
165.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.3	.5	.4
170.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.3
175.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.3	.5	.3
180.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.4	.4	.3
185.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.1	.4	.4	.1
190.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.1	.1	.3	.4	.1
195.	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.3	.2	.1
200.	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.1	.1	.1	.1
205.	.2	.2	.2	.4	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.1	.1	.1

1

JOB: S11 EX PM

RUN: S11 MD 355 & MID

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.2	.5	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.1	.0	.1
215.	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.1
220.	.2	.2	.3	.5	.1	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.1
225.	.2	.2	.3	.6	.1	.0	.0	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.1
230.	.2	.2	.3	.6	.1	.0	.0	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
235.	.2	.2	.5	.7	.2	.1	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
240.	.2	.2	.5	.7	.2	.1	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
245.	.2	.2	.6	.7	.3	.1	.0	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
250.	.1	.2	.6	.6	.2	.1	.0	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
255.	.1	.2	.7	.4	.1	.1	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	.1	.2	.9	.3	.0	.0	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	.1	.3	1.0	.3	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	.1	.3	.9	.2	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	.1	.3	.9	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.1	.3	.8	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.1	.3	.8	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.1	.5	.8	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.1	.5	.7	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.1	.5	.5	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.1	.6	.5	.1	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
310.	.2	.6	.4	.1	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	.3	.6	.4	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	.3	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
330.	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
335.	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	.1	.4	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0
345.	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
350.	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.6	1.0	.7	.3	.1	.0	.0	.1	.1	.3	.3	.2	.2	.1	.3	.7	.6	.6	.6
DEGR.	315	305	265	235	245	235	0	0	245	220	245	210	195	180	10	120	110	40	130	140

1

JOB: S11 EX PM

RUN: S11 MD 355 & MID

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.3	.5	.4	.4	.2	.2
5.	.0	.1	.3	.5	.5	.4	.2	.1
10.	.0	.1	.2	.5	.6	.3	.2	.2
15.	.0	.1	.3	.5	.5	.3	.2	.2
20.	.0	.1	.3	.6	.4	.4	.3	.2
25.	.0	.2	.3	.5	.3	.4	.3	.2
30.	.0	.1	.3	.4	.3	.4	.3	.2
35.	.0	.1	.3	.5	.4	.3	.2	.1
40.	.0	.1	.2	.4	.3	.3	.1	.1
45.	.0	.0	.1	.4	.3	.3	.1	.1
50.	.2	.0	.1	.4	.3	.2	.1	.1
55.	.2	.0	.0	.3	.3	.2	.1	.1
60.	.3	.0	.0	.3	.3	.1	.1	.2
65.	.3	.0	.0	.2	.3	.1	.1	.2
70.	.3	.0	.0	.2	.3	.1	.1	.2
75.	.3	.0	.0	.1	.3	.1	.1	.2
80.	.2	.0	.0	.1	.2	.1	.1	.2
85.	.3	.0	.0	.1	.1	.1	.1	.2
90.	.2	.0	.0	.1	.1	.1	.1	.2
95.	.2	.0	.0	.1	.1	.1	.1	.2
100.	.1	.0	.0	.1	.1	.1	.1	.2
105.	.1	.0	.0	.1	.1	.1	.1	.2
110.	.1	.0	.0	.1	.1	.1	.1	.2
115.	.1	.0	.0	.1	.1	.1	.1	.2
120.	.1	.0	.0	.1	.1	.1	.1	.2
125.	.1	.0	.0	.1	.1	.1	.1	.2
130.	.1	.0	.0	.1	.1	.1	.1	.2
135.	.0	.0	.0	.1	.1	.1	.1	.2
140.	.0	.0	.1	.1	.1	.1	.1	.2
145.	.1	.0	.1	.1	.1	.1	.1	.2
150.	.2	.0	.1	.1	.1	.2	.2	.2
155.	.2	.0	.0	.1	.1	.2	.3	.3
160.	.2	.0	.0	.1	.1	.2	.3	.3
165.	.2	.0	.0	.1	.1	.2	.3	.2
170.	.2	.0	.0	.1	.1	.2	.2	.1
175.	.2	.0	.0	.0	.1	.2	.2	.1
180.	.2	.0	.0	.0	.1	.1	.1	.1
185.	.2	.0	.0	.0	.1	.1	.1	.1
190.	.2	.0	.0	.0	.0	.1	.1	.0
195.	.2	.0	.0	.0	.0	.0	.0	.0
200.	.1	.0	.0	.0	.0	.0	.0	.0
205.	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 EX PM

RUN: S11 MD 355 & MID

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.1	.1	.1	.0	.0	.0	.0
225.	.0	.2	.1	.1	.0	.0	.0	.0
230.	.0	.2	.1	.2	.0	.0	.0	.0
235.	.0	.2	.1	.2	.0	.0	.0	.0
240.	.0	.1	.1	.2	.1	.0	.0	.0
245.	.0	.1	.1	.1	.1	.0	.0	.0
250.	.0	.1	.1	.1	.1	.0	.0	.0
255.	.0	.1	.2	.1	.1	.0	.0	.0
260.	.0	.1	.2	.1	.3	.0	.0	.0
265.	.0	.1	.1	.1	.2	.1	.0	.0
270.	.0	.1	.1	.1	.2	.1	.0	.0
275.	.0	.1	.1	.1	.3	.0	.0	.0
280.	.0	.1	.1	.1	.3	.0	.0	.0
285.	.0	.1	.1	.1	.4	.0	.0	.0
290.	.0	.1	.1	.1	.4	.0	.0	.0
295.	.0	.1	.1	.2	.4	.1	.0	.0
300.	.0	.1	.1	.1	.4	.2	.0	.0
305.	.0	.1	.1	.1	.5	.2	.0	.0
310.	.0	.1	.1	.1	.5	.2	.0	.0
315.	.0	.1	.1	.1	.5	.3	.0	.0
320.	.0	.1	.1	.2	.5	.3	.1	.0
325.	.0	.1	.1	.2	.5	.3	.1	.0
330.	.0	.1	.1	.2	.5	.3	.1	.0
335.	.0	.1	.1	.3	.5	.3	.1	.0
340.	.0	.1	.1	.3	.5	.3	.1	.0
345.	.0	.1	.1	.4	.5	.3	.2	.0
350.	.0	.1	.1	.4	.5	.3	.3	.1
355.	.0	.1	.1	.4	.5	.3	.3	.2
360.	.0	.1	.3	.5	.4	.4	.2	.2
MAX	.3	.2	.3	.6	.6	.4	.3	.3
DEGR.	60	25	0	20	10	0	20	155

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 265 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 235 DEGREES FROM REC4 .

THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 110 DEGREES FROM REC17. S11EXPM.OUT

S11 NB15 AM 60.0175.0.0000.000280.30480000 S11NB15A.DAT 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	NB15AM		43	1 0
0	1	EB MIDAP	AG244539.551463.244449.551357.	500 3.3	0. 68. 40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	500 3.3	0. 68. 40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	500 3.3	0. 56. 40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	500 3.3	0. 68. 40.
2		EB MID TQ	AG244680.551584.244563.551483.	0. 48.	4
110	86		2.0 500 33.4 1623 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245739.551824.245453.551834.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	575 3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	575 3.3	0. 44. 40.
0	1	WB MID T&LAG	244764.551724.244971.551813.	1275 3.3	0. 56. 40.
0	2	WB 355T&L	AG244837.551756.244950.551804.	0. 36.	3
110	70		3 1275 33.4 1770 3 3		
0	1	WB MID T&LAG	244971.551813.245175.551854.	1275 3.3	0. 56. 40.
0	1	WB MID T&LAG	245175.551854.245531.551852.	1275 3.3	0. 44. 40.
0	1	WB MID T&LAG	245531.551852.245735.551843.	1275 3.3	0. 44. 40.
0	1	WB MID R	AG244791.551838.244832.551790.	100 3.3	0. 32. 40.
0	1	WB MID R	AG244832.551790.244985.551839.	100 3.3	0. 32. 40.
33	1	WB MIDDP	AG244760.551728.244575.551589.	1400 3.3	0. 56. 40.
34	1	WB MIDDP	AG244575.551589.244412.551418.	1400 3.3	0. 56. 40.
35	1	WB MIDdp	AG244412.551418.244147.551001.	1400 3.3	0. 56. 40.
0	1	NB 355L	AG244750.551678.244742.551222.	150 3.3	0. 44. 40.
0	2	NB 355L	AG244748.551582.244745.551403.	0. 24.	2
110	99		2.0 150 33.4 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	400 3.3	0. 56. 40.
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36.	3
110	69		2.0 400 33.4 1707 2 3		
0	1	NB 355	ALLAG244764.551223.244752.550687.	550 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244591.552672.244713.552291.	525 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244713.552291.244764.552120.	525 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244764.552120.244786.551952.	525 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244786.551952.244784.551709.	525 3.3	0. 56. 40.
0	1	SB 355 L	AG244752.551692.244747.552001.	25 3.3	0. 44. 40.
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24.	2

										S11NB15A.DAT			
110		99		2.0		25		33.4		1717		2 3	
0	1	SB	355 L	AG2447	747.552001	2.44730	5.52106.	25	3.3	0.	44.	40.	
0	1	SB	355 T	AG2447	715.551687	2.44716	5.51928.	1800	3.3	0.	68.	40.	
0	2	SB	355T	AG2447	715.551761	2.44716	5.51923.	0.	48.	4			
0	1	110	73	2.0	1800	33.4	1667 2 3						
0	1	SB	355 T	AG2447	716.551928	2.44708	5.52103.	1800	3.3	0.	68.	40.	
0	1	SB	355	ALLAG2447	718.552109	2.44647	5.52356.	1825	3.3	0.	56.	40.	
0	1	SB	355	ALLAG2446	474.552356	2.44553	5.52665.	1825	3.3	0.	56.	40.	
0	1	SB	355 dp	AG2446	693.550687	2.44714	5.51685.	2150	3.3	0.	56.	40.	
1.0	0.4	1000.	0.0Y	5	0 72								

JOB: S11 NB15 AM
DATE: 12/27/2006 TIME: 00:53:11.33

RUN: S11 MD 355 & MID NB15AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	500.	3.3	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	500.	3.3	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	500.	3.3	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	500.	3.3	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244635.5	551545.6	*	59.	229. AG	280.	100.0	.0	48.0	.42 3.0
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	575.	3.3	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	575.	3.3	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	575.	3.3	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	575.	3.3	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	575.	3.3	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	575.	3.3	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	575.	3.3	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	575.	3.3	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	575.	3.3	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	575.	3.3	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1275.	3.3	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	244986.8	551819.6	*	163.	67. AG	171.	100.0	.0	36.0	.70 8.3
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1275.	3.3	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1275.	3.3	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1275.	3.3	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	100.	3.3	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	100.	3.3	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1400.	3.3	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1400.	3.3	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1400.	3.3	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	150.	3.3	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.3	551540.3	*	42.	181. AG	161.	100.0	.0	24.0	.69 2.1
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	400.	3.3	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244775.8	551549.8	*	50.	181. AG	169.	100.0	.0	36.0	.23 2.5
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	550.	3.3	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	525.	3.3	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	525.	3.3	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	525.	3.3	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	525.	3.3	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	25.	3.3	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.9	551788.5	*	6.	359. AG	161.	100.0	.0	24.0	.11 .3
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	25.	3.3	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	1800.	3.3	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244716.2	551959.5	*	199.	0. AG	238.	100.0	.0	48.0	.90 10.1
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	1800.	3.3	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1825.	3.3	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1825.	3.3	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2150.	3.3	.0	56.0	

JOB: S11 NB15 AM
DATE: 12/27/2006 TIME: 00:53:11.33

RUN: S11 MD 355 & MID NB15AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 110	86	2.0	500	1623	33.40	2	3
17. 0	WB 355T&L	* 110	70	.3	1275	1770	33.40	3	3
27. 0	NB 355L	* 110	99	2.0	150	1717	33.40	2	3
29. 0	NB 355T	* 110	69	2.0	400	1707	33.40	2	3
36. 0	SB 355L	* 110	99	2.0	25	1717	33.40	2	3
39. 0	SB 355T	* 110	73	2.0	1800	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11NB15A.OUT

1

JOB: S11 NB15 AM

RUN: S11 MD 355 & MID NB15AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
5.	*	.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0
10.	*	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0
15.	*	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.5	.1	.1
20.	*	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.3	.1
25.	*	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.3	.1
30.	*	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.4	.2
35.	*	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.4	.3
40.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.3	.3
45.	*	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.7	.3	.3
50.	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.5	.3	.3
55.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.5	.3	.3
60.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.4	.4	.3
65.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.5	.3	.3
70.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.4	.3	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.5	.3	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.4	.3	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.4	.2	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.6	.7	.3	.2	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.1	.5	.7	.4	.2	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.1	.5	.6	.2	.2	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.6	.6	.2	.2	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.1	.6	.6	.2	.3	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.6	.6	.2	.3	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.1	.6	.6	.2	.3	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.1	.6	.5	.2	.4	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0	.1	.6	.5	.3	.3	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0	.0	.1	.5	.4	.3	.4	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.1	.0	.2	.5	.4	.4	.4	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.2	.1	.0	.2	.5	.3	.4	.4	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.1	.0	.2	.4	.3	.3	.4	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.1	.0	.3	.4	.3	.3	.5	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.1	.0	.2	.4	.3	.4	.4	.2
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.1	.0	.1	.3	.2	.4	.4	.2
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1	.0	.2	.2	.3	.4	.4	.2
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.1	.1	.2	.1	.3	.4	.3	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.1	.1	.1	.0	.1	.2	.3	.3	.2
185.	*	.0	.1	.1	.1	.0	.0	.0	.1	.1	.4	.4	.2	.2	.1	.0	.1	.2	.3	.1	.2
190.	*	.0	.1	.1	.1	.0	.0	.0	.1	.1	.4	.4	.2	.1	.2	.0	.0	.1	.3	.1	.2
195.	*	.1	.1	.1	.1	.0	.0	.0	.1	.2	.5	.4	.1	.2	.2	.0	.0	.0	.2	.2	.2
200.	*	.1	.1	.1	.2	.1	.0	.0	.1	.2	.5	.3	.1	.2	.2	.0	.0	.0	.2	.2	.2
205.	*	.1	.1	.1	.2	.1	.1	.0	.1	.3	.5	.3	.2	.3	.2	.0	.0	.0	.1	.2	.2

1

JOB: S11 NB15 AM

RUN: S11 MD 355 & MID NB15AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.2	.1	.1	.0	.1	.4	.5	.3	.2	.3	.2	.0	.0	.0	.2	.2	.3
215.	*	.1	.1	.1	.4	.1	.1	.0	.1	.4	.5	.3	.2	.4	.1	.0	.0	.0	.1	.2	.3
220.	*	.1	.1	.1	.4	.1	.1	.0	.1	.3	.5	.2	.3	.4	.1	.0	.0	.0	.0	.1	.1
225.	*	.1	.1	.1	.4	.1	.1	.0	.0	.4	.3	.1	.3	.4	.1	.0	.0	.0	.0	.1	.1
230.	*	.1	.1	.1	.5	.2	.1	.0	.1	.3	.3	.2	.4	.4	.1	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.1	.5	.2	.1	.0	.1	.3	.2	.2	.4	.2	.1	.0	.0	.0	.0	.0	.1
240.	*	.1	.1	.1	.5	.3	.1	.0	.2	.3	.2	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.1	.4	.2	.0	.0	.2	.2	.1	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.1	.3	.2	.0	.0	.2	.2	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.4	.3	.2	.0	.0	.2	.1	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.4	.2	.0	.0	.1	.1	.1	.2	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.4	.2	.0	.0	.1	.1	.1	.2	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.1	.5	.2	.0	.0	.2	.1	.1	.2	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.1	.5	.2	.0	.2	.2	.0	.1	.2	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0
280.	*	.1	.2	.5	.2	.0	.3	.2	.0	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.2	.6	.2	.1	.3	.3	.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.2	.6	.2	.1	.4	.3	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.2	.6	.1	.4	.4	.1	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.5	.2	.5	.4	.1	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.4	.3	.4	.4	.1	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.3	.3	.2	.4	.4	.1	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.1	.4	.3	.2	.4	.4	.1	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.1	.3	.3	.3	.4	.3	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.1	.3	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
330.	*	.1	.4	.3	.3	.4	.2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	*	.1	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
340.	*	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.1	.2	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.1	.1	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
360.	*	.0	.1	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
MAX		.2	.4	.6	.5	.5	.4	.3	.2	.4	.5	.4	.4	.4	.2	.3	.6	.7	.7	.5	.5
DEGR.		345	315	285	230	300	290	285	240	210	195	130	230	215	190	155	90	85	35	155	120

1

JOB: S11 NB15 AM

RUN: S11 MD 355 & MID NB15AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.5	.4	.3	.2
5.	*	.0	.0	.0	.2	.6	.4	.4	.2
10.	*	.0	.0	.1	.3	.7	.4	.4	.3
15.	*	.0	.0	.2	.3	.6	.4	.4	.3
20.	*	.0	.0	.2	.4	.5	.5	.3	.3
25.	*	.0	.0	.2	.4	.5	.5	.3	.3
30.	*	.1	.0	.3	.4	.3	.6	.3	.3
35.	*	.1	.0	.2	.3	.5	.4	.2	.2
40.	*	.2	.0	.2	.3	.5	.3	.2	.2
45.	*	.2	.0	.2	.2	.5	.2	.2	.2
50.	*	.1	.1	.1	.2	.4	.2	.2	.2
55.	*	.1	.1	.1	.1	.4	.2	.2	.2
60.	*	.3	.0	.1	.1	.4	.2	.2	.2
65.	*	.3	.0	.1	.1	.3	.2	.2	.2
70.	*	.3	.1	.1	.1	.2	.2	.2	.2
75.	*	.2	.0	.1	.1	.2	.2	.2	.2
80.	*	.1	.0	.1	.1	.2	.2	.2	.2
85.	*	.1	.0	.1	.1	.2	.2	.2	.2
90.	*	.1	.0	.1	.1	.2	.2	.2	.2
95.	*	.1	.0	.1	.1	.2	.2	.2	.2
100.	*	.1	.0	.1	.1	.2	.2	.2	.2
105.	*	.1	.0	.1	.1	.2	.2	.2	.2
110.	*	.1	.0	.1	.1	.2	.2	.2	.2
115.	*	.2	.0	.1	.1	.2	.2	.2	.2
120.	*	.2	.0	.1	.1	.2	.2	.2	.2
125.	*	.2	.0	.1	.1	.2	.2	.2	.2
130.	*	.1	.1	.1	.1	.2	.2	.2	.2
135.	*	.1	.0	.1	.1	.2	.2	.2	.2
140.	*	.1	.0	.1	.1	.2	.2	.2	.2
145.	*	.1	.0	.1	.1	.2	.2	.2	.2
150.	*	.1	.0	.1	.1	.2	.3	.3	.2
155.	*	.1	.0	.1	.1	.2	.3	.3	.3
160.	*	.1	.0	.1	.1	.2	.3	.3	.3
165.	*	.1	.0	.1	.1	.2	.3	.3	.3
170.	*	.1	.0	.0	.1	.2	.3	.3	.2
175.	*	.2	.0	.0	.1	.2	.3	.3	.2
180.	*	.2	.0	.0	.0	.1	.2	.2	.2
185.	*	.2	.0	.0	.0	.1	.2	.1	.1
190.	*	.2	.0	.0	.0	.1	.1	.1	.1
195.	*	.2	.0	.0	.0	.0	.1	.1	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 NB15 AM

RUN: S11 MD 355 & MID NB15AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.0	.0	.0	.0	.0	.0	.0
220.	*	.1	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.1	.1	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.0	.0	.0	.0
245.	*	.0	.1	.1	.1	.0	.0	.0	.0
250.	*	.0	.1	.1	.1	.0	.0	.0	.0
255.	*	.0	.1	.1	.0	.0	.0	.0	.0
260.	*	.0	.1	.1	.0	.0	.0	.0	.0
265.	*	.0	.1	.1	.0	.0	.0	.0	.0
270.	*	.0	.1	.1	.0	.1	.0	.0	.0
275.	*	.0	.1	.0	.1	.1	.0	.0	.0
280.	*	.0	.1	.0	.1	.1	.0	.0	.0
285.	*	.0	.1	.0	.1	.1	.0	.0	.0
290.	*	.0	.1	.0	.1	.1	.0	.0	.0
295.	*	.0	.1	.0	.1	.1	.0	.0	.0
300.	*	.0	.1	.0	.1	.1	.0	.0	.0
305.	*	.0	.1	.1	.1	.1	.0	.0	.0
310.	*	.0	.1	.1	.1	.0	.0	.0	.0
315.	*	.0	.1	.1	.1	.0	.0	.0	.0
320.	*	.0	.1	.1	.1	.0	.0	.0	.0
325.	*	.0	.1	.1	.1	.1	.0	.0	.0
330.	*	.0	.1	.1	.1	.1	.0	.0	.0
335.	*	.0	.1	.1	.1	.2	.1	.0	.0
340.	*	.0	.1	.1	.1	.2	.1	.0	.0
345.	*	.0	.1	.1	.0	.4	.1	.1	.0
350.	*	.0	.1	.1	.0	.4	.3	.2	.1
355.	*	.0	.1	.1	.0	.5	.4	.3	.1
360.	*	.0	.0	.0	.0	.5	.4	.3	.2
MAX	*	.3	.1	.3	.4	.7	.6	.4	.3
DEGR.	*	60	50	30	20	10	30	5	10

S11NB15A.OUT
THE HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC25.
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 85 DEGREES FROM REC17.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 35 DEGREES FROM REC18.

S11NB15P.DAT

S11	NB15	PM		60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	244834.	551238.	5.	
REC 2	164'	SE CORNER	244829.	551470.	5.	
REC 3	82'	SE CORNER	244829.	551551.	5.	
REC 4		SE CORNER	244837.	551632.	5.	
REC 5	82'	ES CORNER	244938.	551685.	5.	
REC 6	164'	ES CORNER	245006.	551709.	5.	
REC 7	400'	ES CORNER	245215.	551766.	5.	
REC 8	400'	EN CORNER	245259.	551934.	5.	
REC 9	164'	EN CORNER	245031.	551899.	5.	
REC 10	82'	EN CORNER	244955.	551873.	5.	
REC 11		NE CORNER	244867.	551854.	5.	
REC 12	82'	NE CORNER	244848.	551928.	5.	
REC 13	164'	NE CORNE	244841.	552009.	5.	
REC 14	400'	NE CORNE	244784.	552237.	5.	
REC 15	400'	NW CORNE	244600.	552156.	5.	
REC 16	164'	NW CORNE	244636.	551926.	5.	
REC 17	82'	NW CORNER	244649.	551841.	5.	
REC 18		NW CORNER	244657.	551738.	5.	
REC 19	82'	WM CORNER	244606.	551667.	5.	
REC 20	164'	WN CORNE	244548.	551608.	5.	
REC 21	400'	WN CORNE	244379.	551437.	5.	
REC 22	400'	WS CORNE	244402.	551189.	5.	
REC 23	164'	WS CORNE	244542.	551370.	5.	
REC 24	82'	WS CORNER	244592.	551436.	5.	
REC 25		SW CORNER	244656.	551475.	5.	
REC 26	82'	SW CORNER	244670.	551414.	5.	
REC 27	164'	SW CORNE	244668.	551334.	5.	
REC 28	400'	SW CORNE	244661.	551094.	5.	

S11	MD	355 & MID	NB15PM	43	1	0

0	1	EB MIDAP	AG244539.551463.244449.551357.	2000	3.3	0. 68. 40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	2000	3.3	0. 68. 40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	2000	3.3	0. 56. 40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	2000	3.3	0. 68. 40.
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4		
150	104		2.0 2000 33.4 1623 2 3			
0	1	EB MIDDP	AG245739.551824.245453.551834.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245739.551824.245453.551834.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	1800	3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	1800	3.3	0. 44. 40.
0	2	WB MID T&LAG	244764.551724.244971.551813.	1225	3.3	0. 56. 40.
0	150	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3		
150	106		2.0 1225 33.4 1770 3 3			
0	1	WB MID T&LAG	244971.551813.245175.551854.	1225	3.3	0. 56. 40.
0	1	WB MID T&LAG	245175.551854.245531.551852.	1225	3.3	0. 44. 40.
0	1	WB MID T&LAG	245531.551852.245735.551843.	1225	3.3	0. 44. 40.
0	1	WB MID R	AG244791.551838.244832.551790.	100	3.3	0. 32. 40.
0	1	WB MID R	AG244832.551790.244985.551839.	100	3.3	0. 32. 40.
33	1	WB MIDDP	AG244760.551728.244575.551589.	1925	3.3	0. 56. 40.
34	1	WB MIDDP	AG244575.551589.244412.551418.	1925	3.3	0. 56. 40.
35	1	WB MIDdp	AG244412.551418.244147.551001.	1925	3.3	0. 56. 40.
0	2	NB 355L	AG244750.551678.244742.551222.	450	3.3	0. 44. 40.
0	150	NB 355L	AG244748.551582.244745.551403.	0. 24. 2		
150	121		2.0 450 33.4 1717 2 3			
0	1	NB 355T	AG244779.551708.244769.551222.	2100	3.3	0. 56. 40.
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3		
150	102		2.0 2100 33.4 1707 2 3			
0	1	NB 355	ALLAG244764.551223.244752.550687.	2550	3.3	0. 56. 40.
0	1	NB 355 Dp	AG244591.552672.244713.552291.	2250	3.3	0. 56. 40.
0	1	NB 355 Dp	AG244713.552291.244764.552120.	2250	3.3	0. 56. 40.
0	1	NB 355 Dp	AG244764.552120.244786.551952.	2250	3.3	0. 56. 40.
0	1	NB 355 Dp	AG244786.551952.244784.551709.	2250	3.3	0. 56. 40.
0	2	SB 355 L	AG244752.551692.244747.552001.	275	3.3	0. 44. 40.
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2		

S11NB15P.DAT

	150	136	2.0	275	33.4	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		275	3.3	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		575	3.3	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0	150	117	2.0	575	33.4	1667	2	3	
0	1								
		SB 355 T	AG244716.551928.244708.552103.		575	3.3	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		850	3.3	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		850	3.3	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		900	3.3	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 NB15 PM
DATE: 12/27/2006 TIME: 00:56:48.84

RUN: S11 MD 355 & MID NB15PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)			(G/MI)	(FT)	(FT)		(VEH)
1.	0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220.	AG	2000.	3.3	.0	68.0		
2.	0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213.	AG	2000.	3.3	.0	68.0		
3.	0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216.	AG	2000.	3.3	.0	56.0		
4.	0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229.	AG	2000.	3.3	.0	68.0		
5.	0	EB MID TQ	* 244680.0	551584.0	244065.1	551053.1	*	812.	229.	AG	248.	100.0	.0	48.0	1.10	41.3
6.	0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272.	AG	1800.	3.3	.0	44.0		
7.	0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269.	AG	1800.	3.3	.0	44.0		
8.	0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260.	AG	1800.	3.3	.0	44.0		
9.	0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253.	AG	1800.	3.3	.0	44.0		
10.	0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242.	AG	1800.	3.3	.0	44.0		
11.	0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272.	AG	1800.	3.3	.0	44.0		
12.	0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269.	AG	1800.	3.3	.0	44.0		
13.	0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260.	AG	1800.	3.3	.0	44.0		
14.	0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253.	AG	1800.	3.3	.0	44.0		
15.	0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242.	AG	1800.	3.3	.0	44.0		
16.	0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67.	AG	1225.	3.3	.0	56.0		
17.	0	WB 355T&L	* 244837.0	551756.0	245076.2	551857.6	*	260.	67.	AG	190.	100.0	.0	36.0	.86	13.2
18.	0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79.	AG	1225.	3.3	.0	56.0		
19.	0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90.	AG	1225.	3.3	.0	44.0		
20.	0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93.	AG	1225.	3.3	.0	44.0		
21.	0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139.	AG	100.	3.3	.0	32.0		
22.	0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72.	AG	100.	3.3	.0	32.0		
23.	33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233.	AG	1925.	3.3	.0	56.0		
24.	34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224.	AG	1925.	3.3	.0	56.0		
25.	35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212.	AG	1925.	3.3	.0	56.0		
26.	0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181.	AG	450.	3.3	.0	44.0		
27.	0	NB 355L	* 244748.0	551582.0	244745.5	551433.2	*	149.	181.	AG	145.	100.0	.0	24.0	.79	7.6
28.	0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181.	AG	2100.	3.3	.0	56.0		
29.	0	NB 355T	* 244777.0	551600.0	244718.8	549142.2	*	2459.	181.	AG	183.	100.0	.0	36.0	1.40	124.9
30.	0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181.	AG	2550.	3.3	.0	56.0		
31.	0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162.	AG	2250.	3.3	.0	56.0		
32.	0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163.	AG	2250.	3.3	.0	56.0		
33.	0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173.	AG	2250.	3.3	.0	56.0		
34.	0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180.	AG	2250.	3.3	.0	56.0		
35.	0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359.	AG	275.	3.3	.0	44.0		
36.	0	SB 355L	* 244751.0	551782.0	244743.9	552155.7	*	374.	359.	AG	162.	100.0	.0	24.0	1.20	19.0
37.	0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351.	AG	275.	3.3	.0	44.0		
38.	0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0.	AG	575.	3.3	.0	68.0		
39.	0	SB 355T	* 244715.0	551761.0	244715.6	551852.5	*	91.	0.	AG	280.	100.0	.0	48.0	.44	4.6
40.	0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357.	AG	575.	3.3	.0	68.0		
41.	0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344.	AG	850.	3.3	.0	56.0		
42.	0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343.	AG	850.	3.3	.0	56.0		
43.	0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1.	AG	900.	3.3	.0	56.0		

JOB: S11 NB15 PM
DATE: 12/27/2006 TIME: 00:56:48.84

RUN: S11 MD 355 & MID NB15PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	104	2.0	2000	1623	33.40	2	3
17. 0	WB 355T&L	* 150	106	2.0	1225	1770	33.40	3	3
27. 0	NB 355L	* 150	121	2.0	450	1717	33.40	2	3
29. 0	NB 355T	* 150	102	2.0	2100	1707	33.40	2	3
36. 0	SB 355L	* 150	136	2.0	275	1717	33.40	2	3
39. 0	SB 355T	* 150	117	2.0	575	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 S11NB15P.OUT
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

1

JOB: S11 NB15 PM

RUN: S11 MD 355 & MID NB15PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.3	.5	.6	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
5.	*	.2	.1	.3	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
10.	*	.1	.1	.3	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.0
15.	*	.1	.1	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.2	.1
20.	*	.0	.1	.4	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.5	.2	.1
25.	*	.0	.1	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.2	.2
30.	*	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.7	.4	.2
35.	*	.0	.1	.1	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.8	.4	.2
40.	*	.0	.0	.1	.6	.4	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.8	.4	.3
45.	*	.0	.0	.1	.6	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.8	.4	.4
50.	*	.0	.0	.0	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.8	.4	.5
55.	*	.0	.0	.0	.3	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.6	.5	.4
60.	*	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.7	.4	.3
65.	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.6	.4	.3
70.	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.7	.4	.3
75.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.3	.5	.6	.5	.4
80.	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.1	.2	.7	.5	.5	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.2	.3	.7	.5	.6	.5
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.2	.3	.8	.4	.5	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.0	.0	.2	.4	.9	.6	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.1	.0	.0	.2	.4	1.0	.5	.4	.8
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.6	.4	.1	.0	.0	.1	.4	.9	.3	.5	.8
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.1	.0	.0	.2	.4	.8	.4	.5	.8
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.1	.0	.0	.2	.5	.8	.4	.5	.9
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.2	.1	.0	.3	.5	.8	.4	.6	.9
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.2	.1	.0	.4	.5	.7	.2	.7	.9
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.2	.1	.0	.4	.6	.7	.3	.8	.9
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.2	.1	.0	.4	.4	.4	.4	.8	.9
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.6	.2	.1	.0	.3	.5	.4	.4	.9	.9
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.4	.2	.1	.1	.3	.5	.6	.7	.9	.9
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.4	.2	.1	.1	.1	.6	.5	.7	1.1	.9
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.4	.2	.1	.1	.3	.4	.4	.7	1.1	.8
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.7	.6	.6	.2	.1	.1	.3	.4	.6	.9	.9	.9
165.	*	.0	.1	.1	.0	.0	.0	.0	.3	.7	.5	.6	.2	.1	.1	.3	.4	.8	.9	.9	.9
170.	*	.1	.1	.1	.1	.0	.0	.0	.1	.7	.7	.7	.3	.2	.4	.3	.6	.8	.9	.8	.9
175.	*	.2	.2	.2	.2	.1	.0	.0	.1	.7	.7	.7	.2	.2	.5	.2	.4	.6	.7	.8	.8
180.	*	.4	.4	.5	.4	.1	.1	.0	.3	.8	.7	.8	.4	.5	.5	.2	.3	.6	.7	.8	.8
185.	*	.5	.6	.6	.6	.2	.1	.0	.3	.8	.8	.9	.5	.5	.8	.2	.3	.5	.6	.8	.8
190.	*	.6	.7	.7	.7	.2	.2	.1	.4	.8	.6	.9	.5	.5	.8	.1	.2	.4	.6	.8	.7
195.	*	.6	.7	.8	.8	.2	.2	.1	.4	.9	.7	.9	.5	.6	.9	.1	.2	.2	.5	.7	.8
200.	*	.6	.8	.7	.8	.3	.2	.1	.4	.9	1.0	.9	.4	.6	.7	.1	.2	.2	.5	.7	.9
205.	*	.6	.7	.8	.7	.3	.2	.1	.4	.9	1.0	.8	.6	.6	.5	.1	.2	.2	.7	.6	1.0

1

JOB: S11 NB15 PM

RUN: S11 MD 355 & MID NB15PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.6	.7	.8	.7	.3	.2	.1	.4	.9	1.0	.8	.7	.6	.5	.1	.1	.2	.5	.6	.9
215.	*	.6	.6	.7	.9	.4	.3	.1	.4	.7	.9	.7	.7	.7	.4	.0	.1	.2	.5	.7	.7
220.	*	.6	.6	.7	.9	.5	.3	.1	.3	.7	1.0	.6	.7	.6	.3	.0	.1	.1	.3	.6	.6
225.	*	.6	.6	.9	.9	.5	.3	.1	.4	1.0	.5	.5	.8	.6	.2	.0	.0	.1	.3	.3	.5
230.	*	.5	.7	.9	1.0	.6	.5	.2	.4	.6	.6	.6	.7	.6	.2	.0	.0	.0	.1	.2	.2
235.	*	.4	.7	1.0	1.0	.7	.5	.2	.3	.6	.6	.5	.7	.3	.2	.0	.0	.0	.1	.1	.2
240.	*	.4	.9	1.1	1.0	.7	.4	.2	.4	.5	.4	.5	.6	.3	.2	.0	.0	.0	.0	.0	.0
245.	*	.4	.9	1.1	.9	.6	.5	.2	.4	.4	.3	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0
250.	*	.6	.9	1.3	.7	.5	.4	.1	.3	.4	.3	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0
255.	*	.6	1.0	1.3	.6	.5	.3	.1	.1	.3	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0
260.	*	.6	1.1	1.2	.5	.6	.3	.4	.1	.3	.3	.5	.3	.4	.2	.0	.0	.0	.0	.0	.0
265.	*	.6	1.1	1.2	.4	.4	.2	.3	.2	.3	.3	.5	.3	.4	.2	.0	.0	.0	.0	.0	.0
270.	*	.5	1.1	1.2	.4	.4	.2	.3	.1	.1	.3	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0
275.	*	.6	1.2	1.1	.3	.3	.4	.4	.1	.1	.2	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0
280.	*	.6	1.1	1.0	.5	.3	.4	.7	.1	.1	.2	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0
285.	*	.6	1.1	.9	.5	.4	.6	.8	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0
290.	*	.6	1.1	.9	.5	.4	1.0	.6	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0
295.	*	.5	1.1	.9	.4	.7	.8	.6	.0	.1	.1	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0
300.	*	.5	1.1	.8	.4	.7	.8	.5	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0
305.	*	.5	1.0	.7	.5	.7	.7	.4	.0	.1	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0
310.	*	.6	1.0	.6	.5	.8	.7	.4	.0	.1	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0
315.	*	.7	1.0	.6	.5	.8	.6	.3	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0
320.	*	.7	.8	.7	.7	.7	.6	.3	.0	.0	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0
325.	*	.7	.8	.5	.7	.7	.6	.2	.0	.0	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0
330.	*	.8	.8	.5	.7	.7	.5	.2	.0	.0	.0	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0
335.	*	.8	.7	.6	.7	.6	.4	.2	.0	.0	.0	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0
340.	*	.8	.6	.6	.7	.6	.4	.2	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0
345.	*	.6	.5	.6	.7	.5	.4	.2	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0
350.	*	.6	.5	.6	.6	.7	.4	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
355.	*	.4	.4	.5	.6	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.3	.5	.6	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
MAX		.8	1.2	1.3	1.0	.8	1.0	.8	.4	1.0	1.0	.9	.8	.7	.9	.4	.6	1.0	.9	1.1	1.0
DEGR.		330	275	250	230	310	290	285	190	225	200	185	225	215	195	125	130	100	160	150	205

1

JOB: S11 NB15 PM

RUN: S11 MD 355 & MID NB15PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.6	.8	.9	.8	.7	.5	.3
5.	*	.0	.6	.8	.9	.9	.7	.5	.4
10.	*	.0	.6	.7	1.1	.8	.5	.6	.3
15.	*	.0	.6	.7	1.1	.8	.7	.5	.4
20.	*	.0	.6	.9	1.0	.8	.6	.4	.4
25.	*	.0	.5	.7	1.0	.5	.5	.6	.5
30.	*	.1	.4	.5	.7	.6	.7	.6	.5
35.	*	.2	.2	.4	.6	.7	.7	.6	.6
40.	*	.2	.2	.5	.5	.6	.7	.7	.6
45.	*	.1	.2	.6	.7	.5	.7	.6	.5
50.	*	.3	.2	.5	.6	.6	.6	.5	.5
55.	*	.6	.1	.3	.4	.7	.6	.4	.4
60.	*	.6	.1	.3	.3	.6	.6	.4	.4
65.	*	.6	.1	.3	.4	.6	.6	.4	.4
70.	*	.8	.1	.3	.4	.6	.5	.4	.4
75.	*	.8	.1	.2	.4	.6	.5	.4	.4
80.	*	.9	.1	.2	.4	.6	.5	.4	.4
85.	*	.8	.1	.2	.4	.6	.5	.4	.4
90.	*	.8	.1	.2	.4	.6	.4	.4	.4
95.	*	.8	.1	.2	.3	.6	.4	.4	.4
100.	*	.7	.1	.2	.3	.5	.4	.4	.4
105.	*	.7	.1	.2	.3	.5	.4	.4	.4
110.	*	.8	.2	.2	.3	.5	.4	.4	.4
115.	*	.8	.2	.1	.3	.5	.4	.4	.4
120.	*	.8	.2	.1	.3	.5	.4	.4	.4
125.	*	.8	.2	.1	.3	.4	.4	.4	.4
130.	*	.8	.2	.1	.3	.4	.5	.5	.5
135.	*	.7	.1	.3	.3	.4	.5	.6	.5
140.	*	.7	.1	.3	.2	.4	.5	.6	.5
145.	*	.8	.1	.3	.3	.5	.5	.5	.5
150.	*	.8	.1	.3	.3	.5	.6	.5	.5
155.	*	.8	.1	.3	.3	.6	.6	.5	.5
160.	*	.8	.1	.3	.3	.5	.5	.5	.5
165.	*	.8	.1	.2	.3	.5	.5	.5	.5
170.	*	.8	.1	.2	.3	.5	.5	.5	.5
175.	*	.8	.1	.1	.2	.5	.5	.5	.5
180.	*	.7	.0	.1	.1	.3	.4	.4	.3
185.	*	.7	.0	.0	.1	.1	.2	.2	.1
190.	*	.9	.0	.0	.0	.1	.1	.1	.1
195.	*	.9	.0	.0	.0	.0	.0	.0	.0
200.	*	.9	.0	.0	.0	.0	.0	.0	.0
205.	*	.7	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 NB15 PM

RUN: S11 MD 355 & MID NB15PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.6	.0	.0	.0	.0	.0	.0	.0
215.	*	.5	.1	.1	.2	.0	.0	.0	.0
220.	*	.4	.2	.2	.3	.1	.0	.0	.0
225.	*	.3	.2	.3	.5	.3	.1	.0	.0
230.	*	.1	.2	.4	.7	.5	.1	.0	.0
235.	*	.1	.4	.6	.8	.7	.3	.1	.0
240.	*	.0	.5	.6	.9	.7	.5	.1	.0
245.	*	.0	.5	.7	1.0	.8	.5	.3	.0
250.	*	.0	.5	.8	.9	.7	.6	.3	.0
255.	*	.0	.6	.8	.9	.8	.6	.4	.0
260.	*	.0	.6	.8	.8	.9	.5	.5	.1
265.	*	.0	.6	.8	.8	.9	.5	.4	.1
270.	*	.0	.7	.7	.8	.7	.5	.3	.1
275.	*	.0	.6	.7	.8	.7	.4	.3	.1
280.	*	.0	.6	.7	.8	.7	.4	.2	.1
285.	*	.0	.6	.6	.8	.7	.5	.3	.1
290.	*	.0	.6	.6	.9	.7	.4	.3	.1
295.	*	.0	.6	.7	.8	.7	.5	.3	.1
300.	*	.0	.6	.7	.8	.7	.5	.3	.1
305.	*	.0	.6	.7	.7	.7	.5	.3	.1
310.	*	.0	.6	.7	.7	.7	.5	.2	.1
315.	*	.0	.6	.7	.7	.7	.5	.2	.1
320.	*	.0	.6	.6	.7	.6	.4	.2	.1
325.	*	.0	.6	.7	.7	.6	.4	.3	.1
330.	*	.0	.6	.7	.7	.6	.4	.3	.1
335.	*	.0	.6	.7	.8	.7	.4	.3	.1
340.	*	.0	.6	.7	.8	.7	.4	.3	.1
345.	*	.0	.6	.7	.9	.7	.5	.3	.1
350.	*	.0	.6	.7	.9	.7	.5	.3	.1
355.	*	.0	.6	.8	.8	.7	.4	.3	.1
360.	*	.0	.6	.8	.9	.8	.7	.5	.3
MAX DEGR.	*	.9	.7	.9	1.1	.9	.7	.7	.6
		80	270	20	10	5	0	40	35

S11NB15P.OUT
THE HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 275 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 150 DEGREES FROM REC19.

S11B115A

S11 B115 AM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B115AM		43 1 0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	575 3.3 0. 68. 40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.	575 3.3 0. 68. 40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.	575 3.3 0. 56. 40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.	575 3.3 0. 68. 40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4	
150	123		2.0 575 33.4 1646 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	500 3.3 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	500 3.3 0. 44. 40.	
0	1	WB MID T&LAG	AG244764.551724.244971.551813.	1825 3.3 0. 56. 40.	
0	2	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3	
150	80		2.0 1825 33.4 1770 3 3		
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1825 3.3 0. 56. 40.	
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1825 3.3 0. 44. 40.	
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1825 3.3 0. 44. 40.	
0	1	WB MID R	AG244791.551838.244832.551790.	175 3.3 0. 32. 40.	
0	1	WB MID R	AG244832.551790.244985.551839.	175 3.3 0. 32. 40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.	1475 3.3 0. 56. 40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.	1475 3.3 0. 56. 40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.	1475 3.3 0. 56. 40.	
0	1	NB 355L	AG244750.551678.244742.551222.	100 3.3 0. 44. 40.	
0	2	NB 355L	AG244748.551582.244745.551403.	0. 24. 2	
150	137		2.0 100 33.4 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	475 3.3 0. 56. 40.	
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3	
150	102		2.0 475 33.4 1707 2 3		
0	1	NB 355 ALL	AG244764.551223.244752.550687.	575 3.3 0. 56. 40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.	575 3.3 0. 56. 40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.	575 3.3 0. 56. 40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.	575 3.3 0. 56. 40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.	575 3.3 0. 56. 40.	
0	1	SB 355 L	AG244752.551692.244747.552001.	75 3.3 0. 44. 40.	
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2	

S11B115A

	150	137	2.0	75	33.4	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		75	3.3	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		1725	3.3	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0	150	102	2.0	1725	33.4	1667	2	3	
0	1								
		SB 355 T	AG244716.551928.244708.552103.		1725	3.3	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		1800	3.3	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		1800	3.3	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		2400	3.3	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B115 AM
DATE: 12/27/2006 TIME: 00:47:33.98

RUN: S11 MD 355 & MID B115AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	575.	3.3	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	575.	3.3	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	575.	3.3	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	575.	3.3	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244607.2	551521.2	*	96.	229. AG	294.	100.0	.0	48.0	.57 4.9
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	500.	3.3	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	500.	3.3	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	500.	3.3	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	500.	3.3	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	500.	3.3	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	500.	3.3	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	500.	3.3	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	500.	3.3	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	500.	3.3	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	500.	3.3	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1825.	3.3	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245081.8	551860.0	*	266.	67. AG	143.	100.0	.0	36.0	.78 13.5
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1825.	3.3	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1825.	3.3	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1825.	3.3	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	175.	3.3	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	175.	3.3	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1475.	3.3	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1475.	3.3	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1475.	3.3	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	100.	3.3	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.4	551544.6	*	37.	181. AG	164.	100.0	.0	24.0	.49 1.9
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	475.	3.3	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244774.9	551511.9	*	88.	181. AG	183.	100.0	.0	36.0	.32 4.5
30. 0	NB 355 All	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	575.	3.3	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	575.	3.3	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	575.	3.3	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	575.	3.3	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	575.	3.3	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	75.	3.3	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.5	551809.7	*	28.	359. AG	164.	100.0	.0	24.0	.36 1.4
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	75.	3.3	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	1725.	3.3	.0	68.0	
39. 0	SB 355T	* 244715.0	551761.0	244716.5	552008.3	*	247.	0. AG	244.	100.0	.0	48.0	.88 12.6
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	1725.	3.3	.0	68.0	
41. 0	SB 355 All	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1800.	3.3	.0	56.0	
42. 0	SB 355 All	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1800.	3.3	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2400.	3.3	.0	56.0	

JOB: S11 B115 AM
DATE: 12/27/2006 TIME: 00:47:33.98

RUN: S11 MD 355 & MID B115AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	123	2.0	575	1646	33.40	2	3
17. 0	WB 355T&L	* 150	80	2.0	1825	1770	33.40	3	3
27. 0	NB 355L	* 150	137	2.0	100	1717	33.40	2	3
29. 0	NB 355T	* 150	102	2.0	475	1707	33.40	2	3
36. 0	SB 355L	* 150	137	2.0	75	1717	33.40	2	3
39. 0	SB 355T	* 150	102	2.0	1725	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 * S11B115A
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

1

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B115AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
5.	*	.0	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0
10.	*	.0	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
15.	*	.0	.1	.2	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.2	.1
20.	*	.0	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.2	.1
25.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.7	.4	.2
30.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.7	.4	.2
35.	*	.0	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.4	.3
40.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.4	.3
45.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.6	.3	.3
50.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.6	.3	.3
55.	*	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.6	.4	.3
60.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.5	.3
65.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.5	.3
70.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.4	.4
75.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.5	.6	.5	.4	.4
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.5	.7	.4	.3	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.5	.7	.4	.2	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.1	.5	.7	.3	.2	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.0	.0	.0	.1	.6	.7	.4	.2	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.0	.0	.1	.6	.8	.3	.2	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.1	.6	.9	.2	.3	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.2	.0	.0	.1	.6	.9	.2	.3	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.2	.0	.0	.0	.6	.9	.2	.3	.7
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.2	.1	.0	.0	.6	.9	.2	.3	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.2	.1	.0	.1	.6	.7	.3	.4	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.6	.5	.3	.4	.6
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.5	.4	.4	.5	.5
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.5	.4	.4	.5	.5
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.1	.0	.3	.5	.3	.3	.5	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.0	.3	.4	.5	.4	.5	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.3	.4	.4	.4	.5	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.2	.4	.5	.5	.5	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.3	.2	.1	.1	.3	.3	.4	.4	.5	.2
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.0	.2	.3	.3	.5	.5	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.2	.2	.3	.5	.5	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.0	.2	.3	.5	.4	.2
185.	*	.0	.1	.1	.1	.0	.0	.0	.1	.4	.4	.4	.3	.1	.3	.0	.2	.2	.4	.3	.2
190.	*	.1	.1	.1	.2	.0	.0	.0	.1	.4	.4	.4	.2	.1	.3	.0	.1	.1	.4	.2	.2
195.	*	.1	.1	.1	.2	.1	.0	.0	.1	.4	.5	.4	.2	.2	.3	.0	.0	.1	.3	.3	.2
200.	*	.1	.1	.1	.2	.1	.0	.0	.1	.4	.5	.4	.2	.2	.3	.0	.0	.0	.2	.2	.2
205.	*	.1	.1	.1	.3	.1	.1	.0	.1	.5	.5	.4	.3	.4	.2	.0	.0	.0	.2	.2	.2

1

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B115AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.3	.1	.1	.0	.1	.6	.5	.4	.4	.3	.2	.0	.0	.0	.2	.2	.3
215.	*	.1	.1	.2	.4	.2	.1	.0	.1	.6	.4	.3	.3	.4	.1	.0	.0	.0	.1	.2	.3
220.	*	.1	.1	.2	.5	.2	.1	.0	.1	.6	.5	.4	.3	.4	.1	.0	.0	.0	.1	.1	.3
225.	*	.1	.1	.2	.6	.2	.1	.0	.2	.4	.5	.3	.3	.4	.1	.0	.0	.0	.0	.1	.1
230.	*	.1	.1	.3	.6	.2	.0	.2	.3	.3	.3	.3	.4	.4	.1	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.3	.5	.3	.2	.0	.2	.3	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.1
240.	*	.1	.1	.4	.6	.3	.3	.0	.2	.3	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.4	.5	.3	.3	.0	.2	.3	.1	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.5	.4	.2	.2	.0	.2	.2	.1	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.6	.4	.2	.1	.0	.3	.1	.2	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.7	.2	.2	.0	.1	.2	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.8	.2	.0	.0	.1	.2	.1	.2	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.2	.8	.3	.0	.0	.2	.1	.1	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.2	.8	.2	.0	.2	.2	.1	.1	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.1	.2	.8	.2	.1	.3	.3	.0	.1	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.8	.2	.2	.3	.3	.0	.1	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.4	.6	.2	.2	.3	.3	.0	.1	.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.4	.6	.1	.2	.3	.3	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.4	.5	.1	.4	.4	.2	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.4	.4	.3	.4	.4	.2	.0	.0	.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.5	.3	.2	.4	.4	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.1	.5	.3	.2	.4	.4	.1	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.2	.5	.4	.3	.5	.4	.1	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.2	.5	.3	.3	.4	.3	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0
330.	*	.2	.6	.3	.4	.4	.3	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	*	.2	.5	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.1	.2	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
360.	*	.0	.1	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
MAX		.3	.6	.8	.6	.5	.4	.3	.3	.6	.5	.4	.4	.4	.3	.3	.6	.9	.7	.5	.7
DEGR.		340	330	265	225	320	300	280	255	210	165	110	210	205	185	130	95	105	25	60	115

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B115AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.1	.3	.7	.4	.4	.4
5.	.0	.0	.1	.4	.7	.5	.4	.3
10.	.0	.0	.2	.6	.9	.4	.5	.3
15.	.0	.0	.2	.7	.5	.5	.6	.3
20.	.0	.1	.3	.7	.5	.6	.4	.3
25.	.1	.2	.3	.7	.5	.4	.4	.3
30.	.1	.2	.4	.7	.4	.5	.5	.3
35.	.1	.1	.3	.4	.6	.5	.4	.3
40.	.2	.1	.2	.4	.5	.5	.3	.3
45.	.2	.1	.3	.5	.5	.4	.3	.2
50.	.3	.1	.3	.4	.5	.3	.2	.2
55.	.3	.1	.2	.3	.5	.3	.2	.2
60.	.3	.1	.1	.2	.4	.2	.2	.2
65.	.3	.1	.1	.2	.3	.2	.2	.2
70.	.3	.1	.1	.2	.3	.2	.2	.2
75.	.3	.1	.1	.1	.3	.2	.2	.2
80.	.4	.1	.1	.1	.3	.2	.2	.2
85.	.2	.1	.1	.1	.2	.2	.2	.2
90.	.2	.1	.1	.1	.2	.2	.2	.2
95.	.2	.1	.1	.1	.2	.2	.2	.2
100.	.2	.1	.1	.1	.2	.2	.2	.2
105.	.2	.1	.1	.1	.2	.2	.2	.2
110.	.2	.1	.1	.1	.2	.2	.2	.2
115.	.3	.1	.1	.1	.2	.2	.2	.2
120.	.3	.1	.1	.1	.2	.2	.2	.2
125.	.3	.1	.1	.1	.2	.2	.2	.2
130.	.2	.1	.1	.1	.2	.2	.2	.2
135.	.2	.1	.1	.1	.2	.3	.3	.2
140.	.2	.1	.1	.1	.2	.3	.3	.3
145.	.2	.0	.1	.1	.2	.3	.3	.3
150.	.1	.0	.1	.1	.2	.3	.3	.3
155.	.1	.0	.1	.1	.2	.3	.3	.3
160.	.1	.0	.1	.1	.2	.3	.3	.3
165.	.1	.0	.1	.1	.2	.3	.3	.3
170.	.2	.0	.1	.1	.2	.3	.3	.3
175.	.2	.0	.0	.1	.2	.3	.3	.2
180.	.2	.0	.0	.0	.2	.2	.2	.2
185.	.2	.0	.0	.0	.1	.2	.2	.1
190.	.2	.0	.0	.0	.1	.1	.1	.1
195.	.2	.0	.0	.0	.0	.1	.1	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B115AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.1	.0	.0	.0	.0	.0	.0	.0
220.	.1	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.1	.1	.0	.0	.0	.0
240.	.0	.1	.1	.1	.0	.0	.0	.0
245.	.0	.1	.1	.1	.0	.0	.0	.0
250.	.0	.1	.1	.1	.0	.0	.0	.0
255.	.0	.2	.1	.0	.0	.0	.0	.0
260.	.0	.2	.1	.0	.0	.0	.0	.0
265.	.0	.1	.1	.0	.0	.0	.0	.0
270.	.0	.1	.1	.0	.1	.0	.0	.0
275.	.0	.1	.1	.1	.1	.0	.0	.0
280.	.0	.1	.0	.1	.1	.0	.0	.0
285.	.0	.1	.0	.1	.1	.0	.0	.0
290.	.0	.1	.0	.1	.1	.0	.0	.0
295.	.0	.1	.0	.1	.2	.0	.0	.0
300.	.0	.1	.0	.1	.2	.0	.0	.0
305.	.0	.1	.1	.1	.3	.0	.0	.0
310.	.0	.1	.1	.1	.3	.0	.0	.0
315.	.0	.1	.1	.1	.3	.1	.0	.0
320.	.0	.1	.1	.1	.4	.1	.0	.0
325.	.0	.1	.1	.1	.4	.1	.0	.0
330.	.0	.1	.1	.1	.5	.2	.1	.0
335.	.0	.1	.1	.1	.5	.2	.1	.0
340.	.0	.1	.1	.1	.5	.3	.1	.0
345.	.0	.2	.1	.1	.7	.3	.1	.0
350.	.0	.2	.1	.1	.7	.5	.3	.1
355.	.0	.2	.1	.1	.7	.5	.4	.2
360.	.0	.1	.1	.3	.7	.4	.4	.4
MAX DEGR.	80	25	30	15	10	20	15	0

S11B115A
THE HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC25.
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC17.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 265 DEGREES FROM REC3 .

S11B115P

S11 B115 PM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.		
REC 2	164'	SE CORNER	244829.	551470.	5.		
REC 3	82'	SE CORNER	244829.	551551.	5.		
REC 4		SE CORNER	244837.	551632.	5.		
REC 5	82'	ES CORNER	244938.	551685.	5.		
REC 6	164'	ES CORNER	245006.	551709.	5.		
REC 7	400'	ES CORNER	245215.	551766.	5.		
REC 8	400'	EN CORNER	245259.	551934.	5.		
REC 9	164'	EN CORNER	245031.	551899.	5.		
REC 10	82'	EN CORNER	244955.	551873.	5.		
REC 11		NE CORNER	244867.	551854.	5.		
REC 12	82'	NE CORNER	244848.	551928.	5.		
REC 13	164'	NE CORNE	244841.	552009.	5.		
REC 14	400'	NE CORNE	244784.	552237.	5.		
REC 15	400'	NW CORNE	244600.	552156.	5.		
REC 16	164'	NW CORNE	244636.	551926.	5.		
REC 17	82'	NW CORNER	244649.	551841.	5.		
REC 18		NW CORNER	244657.	551738.	5.		
REC 19	82'	WM CORNER	244606.	551667.	5.		
REC 20	164'	WN CORNE	244548.	551608.	5.		
REC 21	400'	WN CORNE	244379.	551437.	5.		
REC 22	400'	WS CORNE	244402.	551189.	5.		
REC 23	164'	WS CORNE	244542.	551370.	5.		
REC 24	82'	WS CORNER	244592.	551436.	5.		
REC 25		SW CORNER	244656.	551475.	5.		
REC 26	82'	SW CORNER	244670.	551414.	5.		
REC 27	164'	SW CORNE	244668.	551334.	5.		
REC 28	400'	SW CORNE	244661.	551094.	5.		
S11 MD	355 & MID	B115PM		43	1	0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	2075	3.3	0. 68.	40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	2075	3.3	0. 68.	40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	2075	3.3	0. 56.	40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	2075	3.3	0. 68.	40.
2		EB MID TQ	AG244680.551584.244563.551483.	0.	48.	4	
150	101		2.0 2075 33.4 1646 2 3				
0	1	EB MIDDP	AG245739.551824.245453.551834.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245739.551824.245453.551834.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	2950	3.3	0. 44.	40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	2950	3.3	0. 44.	40.
0	1	WB MID T&LAG	AG244764.551724.244971.551813.	1550	3.3	0. 56.	40.
0	2	WB 355T&L	AG244837.551756.244950.551804.	0.	36.	3	
150	103		2.0 1550 33.4 1770 3 3				
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1550	3.3	0. 56.	40.
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1550	3.3	0. 44.	40.
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1550	3.3	0. 44.	40.
0	1	WB MID R	AG244791.551838.244832.551790.	175	3.3	0. 32.	40.
0	1	WB MID R	AG244832.551790.244985.551839.	175	3.3	0. 32.	40.
33	1	WB MIDDP	AG244760.551728.244575.551589.	1775	3.3	0. 56.	40.
34	1	WB MIDDP	AG244575.551589.244412.551418.	1775	3.3	0. 56.	40.
35	1	WB MIDdp	AG244412.551418.244147.551001.	1775	3.3	0. 56.	40.
0	2	NB 355L	AG244750.551678.244742.551222.	300	3.3	0. 44.	40.
0	150	NB 355L	AG244748.551582.244745.551403.	0.	24.	2	
1	126		2.0 300 33.4 1717 2 3				
0	1	NB 355T	AG244779.551708.244769.551222.	2375	3.3	0. 56.	40.
0	2	NB 355T	AG244777.551600.244772.551389.	0.	36.	3	
150	109		2.0 2375 33.4 1707 2 3				
0	1	NB 355	ALLAG244764.551223.244752.550687.	2675	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244591.552672.244713.552291.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244713.552291.244764.552120.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244764.552120.244786.551952.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244786.551952.244784.551709.	2050	3.3	0. 56.	40.
0	2	SB 355 L	AG244752.551692.244747.552001.	525	3.3	0. 44.	40.
0	2	SB 355L	AG244751.551782.244748.551940.	0.	24.	2	

S11B115P

	150	130	2.0	525	33.4	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		525	3.3	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		300	3.3	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0		150	113	2.0	300	33.4	1667	2	3
0	1								
		SB 355 T	AG244716.551928.244708.552103.		300	3.3	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		825	3.3	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		825	3.3	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		825	3.3	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B115 PM
DATE: 12/27/2006 TIME: 00:50:11.56

RUN: S11 MD 355 & MID B115PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	2075.	3.3	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	2075.	3.3	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	2075.	3.3	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	2075.	3.3	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244220.8	551187.5	*	607.	229. AG	241. 100.0	.0	48.0	1.05	30.8
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2950.	3.3	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2950.	3.3	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2950.	3.3	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2950.	3.3	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2950.	3.3	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2950.	3.3	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2950.	3.3	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2950.	3.3	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2950.	3.3	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2950.	3.3	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1550.	3.3	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245288.2	551947.6	*	490.	67. AG	185. 100.0	.0	36.0	1.02	24.9
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1550.	3.3	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1550.	3.3	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1550.	3.3	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	175. 3.3	.0	32.0		
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	175. 3.3	.0	32.0		
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1775. 3.3	.0	56.0		
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1775. 3.3	.0	56.0		
25. 35	WB MIDDP	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1775. 3.3	.0	56.0		
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	300. 3.3	.0	44.0		
27. 0	NB 355L	* 244748.0	551582.0	244746.2	551478.7	*	103.	181. AG	151. 100.0	.0	24.0	.66	5.3
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	2375. 3.3	.0	56.0		
29. 0	NB 355T	* 244777.0	551600.0	244676.7	547364.6	*	4237.	181. AG	195. 100.0	.0	36.0	1.88	215.2
30. 0	NB 355 All	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	2675. 3.3	.0	56.0		
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	2050. 3.3	.0	56.0		
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	2050. 3.3	.0	56.0		
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	2050. 3.3	.0	56.0		
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	2050. 3.3	.0	56.0		
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	525. 3.3	.0	44.0		
36. 0	SB 355L	* 244751.0	551782.0	244731.3	552811.7	*	1030.	359. AG	155. 100.0	.0	24.0	1.43	52.3
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	525. 3.3	.0	44.0		
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	300. 3.3	.0	68.0		
39. 0	SB 355T	* 244715.0	551761.0	244715.3	551807.3	*	46.	0. AG	270. 100.0	.0	48.0	.20	2.4
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	300. 3.3	.0	68.0		
41. 0	SB 355 All	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	825. 3.3	.0	56.0		
42. 0	SB 355 All	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	825. 3.3	.0	56.0		
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	825. 3.3	.0	56.0		

JOB: S11 B115 PM
DATE: 12/27/2006 TIME: 00:50:11.56

RUN: S11 MD 355 & MID B115PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	101	2.0	2075	1646	33.40	2	3
17. 0	WB 355T&L	* 150	103	2.0	1550	1770	33.40	3	3
27. 0	NB 355L	* 150	126	2.0	300	1717	33.40	2	3
29. 0	NB 355T	* 150	109	2.0	2375	1707	33.40	2	3
36. 0	SB 355L	* 150	130	2.0	525	1717	33.40	2	3
39. 0	SB 355T	* 150	113	2.0	300	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 * S11B115P
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

1

JOB: S11 B115 PM

RUN: S11 MD 355 & MID B115PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.3	.5	.5	.8	.7	.7	.7	.5	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0
5.	*	.4	.4	.4	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1
10.	*	.1	.3	.3	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1
15.	*	.1	.3	.3	.7	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.1
20.	*	.1	.1	.4	.7	.7	.7	.6	.5	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.1
25.	*	.1	.1	.4	.7	.8	.8	.6	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.3	.1
30.	*	.1	.1	.6	.8	.8	.8	.6	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.3	.1
35.	*	.0	.1	.4	.9	.8	.7	.7	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.2	.2
40.	*	.0	.1	.4	.7	.8	.9	.5	.6	.0	.0	.0	.0	.0	.0	.2	.3	.3	.6	.3	.3
45.	*	.0	.1	.3	.6	.7	.7	.5	.6	.0	.0	.0	.0	.0	.0	.3	.3	.3	.6	.3	.3
50.	*	.0	.0	.3	.6	.9	.6	.5	.6	.0	.0	.0	.0	.0	.0	.3	.3	.2	.7	.4	.4
55.	*	.0	.0	.1	.4	.6	.5	.7	.7	.0	.0	.0	.0	.0	.0	.2	.3	.3	.7	.5	.3
60.	*	.0	.0	.0	.3	.5	.5	.5	.7	.0	.1	.0	.0	.0	.0	.2	.3	.3	.6	.5	.3
65.	*	.0	.0	.0	.3	.5	.2	.5	.6	.1	.1	.1	.0	.0	.0	.2	.3	.3	.7	.5	.5
70.	*	.0	.0	.0	.0	.2	.2	.7	.6	.1	.2	.1	.0	.0	.0	.2	.3	.4	.8	.6	.5
75.	*	.0	.0	.0	.0	.2	.5	.6	.2	.2	.2	.2	.0	.0	.0	.2	.2	.4	.6	.7	.6
80.	*	.0	.0	.0	.0	.0	.4	.6	.3	.3	.3	.1	.0	.0	.0	.2	.2	.4	.7	.5	.7
85.	*	.0	.0	.0	.0	.0	.4	.6	.3	.4	.4	.1	.0	.0	.0	.2	.3	.5	.9	.6	.5
90.	*	.0	.0	.0	.0	.0	.2	.6	.5	.6	.6	.1	.0	.0	.0	.2	.4	.5	.8	.5	.6
95.	*	.0	.0	.0	.0	.0	.0	.7	.7	.8	.6	.2	.1	.0	.0	.2	.4	.5	.6	.6	.6
100.	*	.0	.0	.0	.0	.0	.0	.7	.9	.7	.8	.2	.1	.0	.1	.4	.6	.6	.6	.8	.8
105.	*	.0	.0	.0	.0	.0	.0	.8	1.0	.7	.6	.2	.1	.0	.1	.4	.7	.4	.5	.7	.7
110.	*	.0	.0	.0	.0	.0	.0	1.0	.8	.7	.7	.2	.1	.0	.3	.4	.6	.4	.5	.8	.8
115.	*	.0	.0	.0	.0	.0	.0	1.0	.7	.9	.6	.3	.1	.0	.3	.4	.8	.4	.5	.9	.9
120.	*	.0	.0	.0	.0	.0	.0	.9	.7	.8	.6	.4	.1	.0	.3	.4	.9	.4	.5	.9	.9
125.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.1	.1	.3	.4	.7	.4	.7	.9	.9
130.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.1	.1	.4	.3	.6	.5	.7	.9	.9
135.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.1	.1	.4	.5	.5	.4	.7	.9	.9
140.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.3	.1	.3	.5	.5	.4	.9	.8	.8
145.	*	.0	.0	.0	.0	.0	.0	.7	.9	.6	.6	.4	.3	.1	.2	.4	.6	.6	.9	.8	.8
150.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.8	.5	.3	.1	.1	.4	.5	.7	.9	.8	.8
155.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.3	.1	.1	.2	.3	.5	.7	.8	.8	.8
160.	*	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.3	.1	.1	.2	.4	.5	.9	.8	.9	.9
165.	*	.0	.1	.1	.1	.0	.0	.7	.7	.6	.5	.1	.2	.2	.4	.7	.9	.8	.9	.9	.9
170.	*	.1	.1	.1	.1	.0	.0	.9	.7	.6	.7	.6	.2	.4	.2	.5	.8	.8	.8	.8	.8
175.	*	.2	.4	.3	.2	.1	.1	.0	.9	.7	.8	.6	.5	.6	.3	.3	.6	.8	.8	.9	.9
180.	*	.4	.6	.6	.6	.1	.1	.0	.7	.8	.7	.9	.7	.6	.2	.3	.6	.7	.9	.8	.8
185.	*	.5	.7	.7	.7	.2	.2	.1	.8	.8	.9	.9	.7	.7	.2	.3	.5	.7	.7	.9	.9
190.	*	.7	.8	.9	.7	.3	.2	.1	.8	.9	1.0	.9	.8	.4	.8	.1	.3	.5	.6	.8	.7
195.	*	.7	.9	.9	.7	.3	.2	.1	.9	.9	1.1	.9	.7	.6	.8	.1	.2	.2	.5	.7	.7
200.	*	.7	.8	.8	.8	.4	.2	.1	.9	.9	1.0	.8	.4	.8	.8	.1	.2	.2	.5	.7	.8
205.	*	.7	.7	.7	.8	.3	.2	.1	.9	1.0	1.0	.8	.5	.4	.7	.1	.1	.2	.6	.6	.9

1

JOB: S11 B115 PM

RUN: S11 MD 355 & MID B115PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.6	.7	.7	.7	.3	.3	.1	1.0	1.1	.9	1.0	.6	.6	.7	.0	.1	.2	.5	.5	.8
215.	*	.6	.7	.7	.7	.3	.3	.1	1.0	1.3	.9	.7	.6	.6	.6	.0	.1	.1	.5	.6	.6
220.	*	.6	.6	.8	.8	.4	.3	.1	1.1	1.2	1.0	.6	.6	.5	.6	.0	.0	.1	.3	.4	.5
225.	*	.6	.6	.8	.8	.5	.4	.1	1.7	.9	.7	.4	.6	.5	.5	.0	.0	.0	.1	.3	.3
230.	*	.6	.6	.8	1.0	.6	.3	.2	1.8	.7	.7	.6	.6	.4	.5	.0	.0	.0	.1	.2	.2
235.	*	.6	.7	.9	1.0	.6	.4	.2	1.8	.7	.4	.5	.4	.3	.5	.0	.0	.0	.0	.1	.1
240.	*	.4	.7	1.0	1.0	.7	.4	.2	1.8	.4	.4	.4	.3	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.4	.8	1.1	.9	.5	.7	.2	1.8	.3	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
250.	*	.5	.8	1.2	.8	.7	.7	.1	1.5	.3	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
255.	*	.5	.8	1.2	.6	.5	.5	.3	1.4	.2	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
260.	*	.6	.9	1.2	.6	.6	.4	.6	1.3	.2	.2	.4	.3	.3	.5	.0	.0	.0	.0	.0	.0
265.	*	.6	.9	1.2	.5	.6	.4	.3	1.2	.1	.2	.4	.3	.3	.5	.0	.0	.0	.0	.0	.0
270.	*	.5	1.0	1.2	.5	.6	.4	.5	1.1	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
275.	*	.5	1.0	1.1	.6	.6	.6	.6	.9	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
280.	*	.5	1.0	1.1	.6	.4	.6	.7	.8	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
285.	*	.6	1.0	.9	.6	.6	.6	.8	.8	.1	.2	.3	.4	.3	.5	.0	.0	.0	.0	.0	.0
290.	*	.6	1.1	.9	.6	.7	.9	1.0	.7	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
295.	*	.6	1.1	1.0	.7	.9	.9	1.0	.7	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
300.	*	.6	1.1	.8	.7	.9	1.1	.8	.6	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
305.	*	.7	1.0	.7	.8	.8	.9	.8	.6	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
310.	*	.7	1.0	.7	.8	.9	.8	.8	.6	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
315.	*	.7	1.0	.6	.7	.9	.8	.8	.6	.1	.2	.3	.3	.3	.6	.0	.0	.0	.0	.0	.0
320.	*	.7	.8	.6	.8	.9	.8	.8	.6	.1	.1	.4	.3	.4	.6	.0	.0	.0	.0	.0	.0
325.	*	.7	.8	.6	.8	.9	.8	.8	.5	.1	.1	.4	.3	.4	.6	.0	.0	.0	.0	.0	.0
330.	*	.7	.7	.7	.9	.8	.8	.8	.5	.1	.1	.3	.3	.4	.6	.0	.0	.0	.0	.0	.0
335.	*	.7	.7	.7	1.0	.8	.7	.6	.5	.1	.1	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.7	.5	.7	.8	.8	.7	.6	.5	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	*	.7	.7	.6	.8	.8	.7	.7	.5	.0	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.6	.6	.9	.8	.8	.7	.5	.0	.1	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0
355.	*	.4	.6	.6	.9	.8	.7	.7	.5	.0	.0	.1	.1	.1	.3	.0	.1	.1	.1	.0	.0
360.	*	.3	.5	.5	.8	.7	.7	.7	.5	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0
MAX DEGR.	*	.7	1.1	1.2	1.0	.9	1.1	1.0	1.8	1.3	1.1	1.0	.9	.7	.8	.4	.5	.9	.9	.9	.9

JOB: S11 B115 PM

RUN: S11 MD 355 & MID B115PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.6	.8	.9	.8	.5	.4	.4
5.	.0	.5	.9	1.0	.8	.5	.4	.5
10.	.0	.6	.8	1.0	.7	.4	.7	.5
15.	.1	.7	.8	1.0	.7	.6	.5	.4
20.	.1	.6	.7	.9	.5	.6	.5	.6
25.	.1	.6	.6	.9	.5	.7	.6	.6
30.	.1	.4	.6	.7	.8	.8	.6	.6
35.	.2	.2	.5	.6	.9	.9	.7	.6
40.	.2	.4	.6	.8	.8	.6	.6	.6
45.	.1	.3	.6	.8	.7	.6	.6	.5
50.	.4	.3	.5	.6	.8	.7	.5	.5
55.	.5	.1	.4	.4	.7	.7	.5	.5
60.	.6	.1	.3	.4	.7	.6	.5	.5
65.	.7	.1	.2	.4	.6	.5	.5	.5
70.	.8	.1	.2	.4	.6	.5	.5	.5
75.	.8	.1	.2	.4	.5	.4	.4	.4
80.	.9	.1	.2	.3	.5	.5	.5	.4
85.	.9	.1	.2	.3	.5	.5	.5	.5
90.	.8	.1	.2	.3	.5	.5	.5	.5
95.	.7	.1	.2	.3	.5	.5	.5	.5
100.	.7	.1	.2	.3	.4	.5	.5	.4
105.	.7	.2	.2	.3	.4	.4	.4	.4
110.	.8	.2	.2	.3	.4	.4	.4	.4
115.	.8	.2	.1	.3	.4	.5	.5	.5
120.	.8	.2	.2	.3	.4	.5	.5	.5
125.	.8	.2	.2	.3	.4	.5	.5	.5
130.	.7	.2	.3	.3	.4	.5	.5	.5
135.	.7	.1	.3	.3	.5	.5	.6	.5
140.	.8	.1	.3	.2	.5	.5	.6	.5
145.	.7	.1	.3	.3	.5	.5	.5	.5
150.	.8	.1	.3	.3	.5	.6	.5	.5
155.	.8	.1	.3	.3	.6	.6	.5	.5
160.	.8	.1	.3	.3	.6	.5	.5	.5
165.	.8	.1	.2	.3	.5	.6	.6	.6
170.	.8	.1	.2	.3	.5	.6	.6	.6
175.	.8	.1	.2	.2	.5	.5	.5	.5
180.	.8	.1	.1	.2	.4	.5	.5	.4
185.	.7	.0	.1	.1	.2	.3	.3	.2
190.	.7	.0	.0	.0	.1	.1	.1	.1
195.	.7	.0	.0	.0	.0	.0	.0	.0
200.	.7	.0	.0	.0	.0	.0	.0	.0
205.	.6	.0	.0	.0	.0	.0	.0	.0

JOB: S11 B115 PM

RUN: S11 MD 355 & MID B115PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.0	.0	.0	.0	.0
215.	.3	.1	.1	.2	.0	.0	.0	.0
220.	.3	.2	.1	.2	.1	.0	.0	.0
225.	.1	.2	.2	.3	.3	.0	.0	.0
230.	.1	.2	.4	.6	.4	.1	.0	.0
235.	.0	.3	.4	.7	.7	.2	.0	.0
240.	.0	.4	.5	.8	.8	.3	.1	.0
245.	.0	.3	.7	.9	.7	.4	.2	.0
250.	.0	.3	.8	.8	.6	.5	.2	.0
255.	.0	.4	.8	.9	.8	.4	.3	.0
260.	.0	.4	.8	.8	.8	.4	.3	.0
265.	.0	.4	.8	.8	.8	.4	.3	.0
270.	.0	.5	.7	.8	.7	.4	.2	.0
275.	.0	.5	.7	.8	.7	.4	.2	.0
280.	.0	.6	.7	.8	.7	.4	.2	.1
285.	.0	.6	.5	.9	.7	.5	.3	.1
290.	.0	.6	.5	.8	.7	.5	.3	.1
295.	.0	.6	.5	.8	.7	.5	.3	.1
300.	.0	.6	.6	.8	.7	.5	.3	.1
305.	.0	.6	.6	.7	.7	.5	.3	.1
310.	.0	.6	.7	.7	.7	.5	.2	.1
315.	.0	.6	.6	.7	.7	.5	.2	.1
320.	.0	.6	.6	.8	.6	.4	.2	.1
325.	.0	.6	.6	.8	.6	.4	.3	.1
330.	.0	.6	.6	.8	.6	.4	.3	.1
335.	.0	.6	.6	.8	.7	.4	.3	.1
340.	.0	.6	.6	.8	.7	.4	.3	.1
345.	.0	.6	.6	.8	.7	.4	.3	.1
350.	.0	.6	.6	.8	.7	.5	.3	.1
355.	.0	.6	.7	.7	.8	.5	.4	.1
360.	.0	.6	.8	.9	.8	.5	.4	.4

MAX DEGR.	80	15	5	5	35	35	10	20
9								
7								
9								
1.0								
9								
9								
7								
6								

S11B115P
THE HIGHEST CONCENTRATION IS 1.80 PPM AT 230 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 215 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 250 DEGREES FROM REC3 .

S11B215A

S11 B115 AM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B215AM		43	1 0
0	1	EB MIDAP	AG244539.551463.244449.551357.	575 3.3	0. 68. 40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	575 3.3	0. 68. 40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	575 3.3	0. 56. 40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	575 3.3	0. 68. 40.
2		EB MID TQ	AG244680.551584.244563.551483.	0. 48.	4
150	123		2.0 575 33.4 1646 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245739.551824.245453.551834.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	500 3.3	0. 44. 40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	500 3.3	0. 44. 40.
0	1	WB MID T&LAG	AG244764.551724.244971.551813.	1850 3.3	0. 56. 40.
0	2	WB 355T&L	AG244837.551756.244950.551804.	0. 36.	3
150	80		2.0 1850 33.4 1770 3 3		
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1850 3.3	0. 56. 40.
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1850 3.3	0. 44. 40.
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1850 3.3	0. 44. 40.
0	1	WB MID R	AG244791.551838.244832.551790.	175 3.3	0. 32. 40.
0	1	WB MID R	AG244832.551790.244985.551839.	175 3.3	0. 32. 40.
33	1	WB MIDDP	AG244760.551728.244575.551589.	1475 3.3	0. 56. 40.
34	1	WB MIDDP	AG244575.551589.244412.551418.	1475 3.3	0. 56. 40.
35	1	WB MIDdp	AG244412.551418.244147.551001.	1475 3.3	0. 56. 40.
0	1	NB 355L	AG244750.551678.244742.551222.	100 3.3	0. 44. 40.
0	2	NB 355L	AG244748.551582.244745.551403.	0. 24.	2
150	137		2.0 100 33.4 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	475 3.3	0. 56. 40.
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36.	3
150	102		2.0 475 33.4 1707 2 3		
0	1	NB 355 ALL	AG244764.551223.244752.550687.	575 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244591.552672.244713.552291.	575 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244713.552291.244764.552120.	575 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244764.552120.244786.551952.	575 3.3	0. 56. 40.
0	1	NB 355 Dp	AG244786.551952.244784.551709.	575 3.3	0. 56. 40.
0	1	SB 355 L	AG244752.551692.244747.552001.	75 3.3	0. 44. 40.
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24.	2

S11B215A

	150	137	2.0	75	33.4	1717	2	3	
0	1								
	SB 355 L	AG244747.552001.244730.552106.			75	3.3	0.	44.	40.
0	1								
	SB 355 T	AG244715.551687.244716.551928.			1725	3.3	0.	68.	40.
0	2								
	SB 355T	AG244715.551761.244716.551923.			0.	48.	4		
0	150	102	2.0	1725	33.4	1667	2	3	
0	1								
	SB 355 T	AG244716.551928.244708.552103.			1725	3.3	0.	68.	40.
0	1								
	SB 355 All	AG244718.552109.244647.552356.			1800	3.3	0.	56.	40.
0	1								
	SB 355 All	AG244647.552356.244553.552665.			1800	3.3	0.	56.	40.
0	1								
	SB 355 dp	AG244693.550687.244714.551685.			2400	3.3	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

DATE: 12/27/2006 TIME: 12:55:14.09

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	575.	3.3	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	575.	3.3	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	575.	3.3	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	575.	3.3	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244607.2	551521.2	*	96.	229. AG	294.	100.0	.0	48.0	.57 4.9
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	500.	3.3	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	500.	3.3	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	500.	3.3	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	500.	3.3	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	500.	3.3	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	500.	3.3	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	500.	3.3	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	500.	3.3	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	500.	3.3	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	500.	3.3	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1850.	3.3	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245085.0	551861.4	*	269.	67. AG	143.	100.0	.0	36.0	.79 13.7
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1850.	3.3	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1850.	3.3	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1850.	3.3	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	175.	3.3	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	175.	3.3	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1475.	3.3	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1475.	3.3	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1475.	3.3	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	100.	3.3	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.4	551544.6	*	37.	181. AG	164.	100.0	.0	24.0	.49 1.9
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	475.	3.3	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244774.9	551511.9	*	88.	181. AG	183.	100.0	.0	36.0	.32 4.5
30. 0	NB 355 All	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	575.	3.3	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	575.	3.3	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	575.	3.3	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	575.	3.3	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	575.	3.3	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	75.	3.3	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.5	551809.7	*	28.	359. AG	164.	100.0	.0	24.0	.36 1.4
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	75.	3.3	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	1725.	3.3	.0	68.0	
39. 0	SB 355T	* 244715.0	551761.0	244716.5	552008.3	*	247.	0. AG	244.	100.0	.0	48.0	.88 12.6
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	1725.	3.3	.0	68.0	
41. 0	SB 355 All	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1800.	3.3	.0	56.0	
42. 0	SB 355 All	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1800.	3.3	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2400.	3.3	.0	56.0	

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

DATE: 12/27/2006 TIME: 12:55:14.09

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	123	2.0	575	1646	33.40	2	3
17. 0	WB 355T&L	* 150	80	2.0	1850	1770	33.40	3	3
27. 0	NB 355L	* 150	137	2.0	100	1717	33.40	2	3
29. 0	NB 355T	* 150	102	2.0	475	1707	33.40	2	3
36. 0	SB 355L	* 150	137	2.0	75	1717	33.40	2	3
39. 0	SB 355T	* 150	102	2.0	1725	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 * S11B215A
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

1

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
5.	*	.0	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.1	.0
10.	*	.0	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
15.	*	.0	.1	.2	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.2	.1
20.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.2	.1
25.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.7	.4	.2
30.	*	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.7	.4	.2
35.	*	.0	.1	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.6	.4	.3
40.	*	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.4	.3
45.	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.6	.3	.3
50.	*	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.6	.3	.3
55.	*	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.6	.4	.3
60.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.5	.3
65.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.5	.3
70.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.4	.4
75.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.5	.6	.5	.4	.4
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.5	.7	.4	.4	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.5	.7	.4	.2	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.1	.5	.7	.3	.2	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.0	.0	.0	.1	.6	.7	.4	.2	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.0	.0	.1	.6	.8	.3	.2	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.0	.0	.1	.6	.9	.2	.3	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.2	.0	.0	.1	.6	.9	.2	.3	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.2	.0	.0	.0	.6	.9	.2	.3	.7
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.2	.1	.0	.0	.6	.9	.2	.3	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.1	.0	.1	.6	.7	.3	.4	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.6	.5	.3	.4	.6
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.5	.4	.4	.5	.5
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.1	.1	.0	.3	.5	.4	.4	.5	.5
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.0	.3	.5	.3	.3	.5	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.3	.4	.5	.4	.5	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.3	.4	.4	.4	.5	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.2	.4	.5	.5	.5	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.3	.2	.1	.1	.3	.3	.4	.4	.5	.2
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.0	.2	.3	.3	.5	.5	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.2	.2	.3	.5	.5	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.0	.2	.3	.5	.4	.2
185.	*	.0	.1	.1	.1	.0	.0	.0	.1	.4	.4	.4	.3	.1	.3	.0	.2	.2	.4	.3	.2
190.	*	.1	.1	.1	.2	.0	.0	.0	.1	.4	.4	.4	.2	.1	.3	.0	.1	.1	.4	.2	.2
195.	*	.1	.1	.1	.2	.1	.0	.0	.1	.4	.5	.4	.2	.2	.3	.0	.0	.1	.3	.3	.2
200.	*	.1	.1	.1	.2	.1	.0	.0	.1	.4	.5	.4	.2	.2	.3	.0	.0	.0	.2	.2	.2
205.	*	.1	.1	.1	.3	.1	.1	.0	.1	.5	.5	.4	.3	.4	.2	.0	.0	.0	.2	.2	.2

1

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.3	.1	.1	.0	.1	.6	.5	.4	.4	.3	.2	.0	.0	.0	.2	.2	.3
215.	*	.1	.1	.2	.4	.2	.1	.0	.1	.6	.4	.3	.3	.4	.1	.0	.0	.0	.1	.2	.3
220.	*	.1	.1	.2	.5	.2	.1	.0	.1	.6	.5	.4	.3	.4	.1	.0	.0	.0	.1	.1	.3
225.	*	.1	.1	.2	.6	.2	.1	.0	.2	.4	.5	.3	.3	.4	.1	.0	.0	.0	.0	.1	.1
230.	*	.1	.1	.3	.6	.2	.0	.2	.3	.3	.3	.3	.4	.4	.1	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.3	.5	.3	.2	.0	.2	.3	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.1
240.	*	.1	.1	.4	.6	.3	.3	.0	.2	.3	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.4	.5	.3	.3	.0	.2	.3	.1	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.5	.4	.2	.2	.0	.2	.2	.1	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.6	.4	.2	.1	.0	.3	.1	.2	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.7	.2	.2	.0	.1	.2	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.8	.2	.0	.0	.1	.2	.1	.2	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.2	.8	.3	.0	.0	.2	.1	.1	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.2	.8	.2	.0	.2	.2	.1	.1	.2	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.1	.2	.8	.2	.1	.3	.3	.0	.1	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.8	.2	.2	.3	.3	.0	.1	.2	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.4	.6	.2	.2	.3	.3	.0	.1	.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.4	.6	.1	.2	.3	.3	.0	.1	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.4	.5	.1	.4	.4	.2	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.4	.4	.3	.4	.4	.2	.0	.0	.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.5	.3	.2	.4	.4	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.1	.5	.3	.2	.4	.4	.1	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.2	.5	.4	.3	.5	.4	.1	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.2	.5	.3	.4	.4	.3	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0
330.	*	.2	.6	.3	.4	.4	.3	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
335.	*	.2	.5	.3	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.1	.2	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
360.	*	.0	.1	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
MAX		.3	.6	.8	.6	.5	.4	.3	.3	.6	.5	.4	.4	.4	.3	.3	.6	.9	.7	.5	.7
DEGR.		340	330	265	225	320	300	280	255	210	165	110	210	205	185	130	95	105	25	60	115

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.1	.3	.7	.4	.4	.4
5.	.0	.0	.1	.4	.7	.5	.4	.3
10.	.0	.0	.2	.6	.9	.4	.5	.3
15.	.0	.0	.2	.7	.5	.5	.6	.3
20.	.0	.1	.3	.7	.5	.6	.4	.3
25.	.1	.2	.3	.7	.5	.4	.4	.3
30.	.1	.2	.4	.7	.4	.5	.5	.3
35.	.1	.1	.3	.4	.6	.5	.5	.3
40.	.2	.1	.2	.4	.5	.5	.3	.3
45.	.2	.1	.3	.5	.5	.5	.3	.2
50.	.3	.1	.3	.4	.5	.3	.2	.2
55.	.3	.1	.2	.3	.5	.3	.2	.2
60.	.3	.1	.1	.2	.4	.2	.2	.2
65.	.3	.1	.1	.2	.3	.2	.2	.2
70.	.3	.1	.1	.2	.3	.2	.2	.2
75.	.3	.1	.1	.1	.3	.2	.2	.2
80.	.4	.1	.1	.1	.3	.2	.2	.2
85.	.2	.1	.1	.1	.2	.2	.2	.2
90.	.2	.1	.1	.1	.2	.2	.2	.2
95.	.2	.1	.1	.1	.2	.2	.2	.2
100.	.2	.1	.1	.1	.2	.2	.2	.2
105.	.2	.1	.1	.1	.2	.2	.2	.2
110.	.2	.1	.1	.1	.2	.2	.2	.2
115.	.3	.1	.1	.1	.2	.2	.2	.2
120.	.3	.1	.1	.1	.2	.2	.2	.2
125.	.3	.1	.1	.1	.2	.2	.2	.2
130.	.2	.1	.1	.1	.2	.2	.2	.2
135.	.2	.1	.1	.1	.2	.3	.3	.2
140.	.2	.1	.1	.1	.2	.3	.3	.3
145.	.2	.0	.1	.1	.2	.3	.3	.3
150.	.1	.0	.1	.1	.2	.3	.3	.3
155.	.1	.0	.1	.1	.2	.3	.3	.3
160.	.1	.0	.1	.1	.2	.3	.3	.3
165.	.1	.0	.1	.1	.2	.3	.3	.3
170.	.2	.0	.1	.1	.2	.3	.3	.3
175.	.2	.0	.0	.1	.2	.3	.3	.2
180.	.2	.0	.0	.0	.2	.2	.2	.2
185.	.2	.0	.0	.0	.1	.2	.2	.1
190.	.2	.0	.0	.0	.1	.1	.1	.1
195.	.2	.0	.0	.0	.0	.1	.1	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

JOB: S11 B115 AM

RUN: S11 MD 355 & MID B215AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.1	.0	.0	.0	.0	.0	.0	.0
220.	.1	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.1	.1	.0	.0	.0	.0
240.	.0	.1	.1	.1	.0	.0	.0	.0
245.	.0	.1	.1	.1	.0	.0	.0	.0
250.	.0	.1	.1	.1	.0	.0	.0	.0
255.	.0	.2	.1	.0	.0	.0	.0	.0
260.	.0	.2	.1	.0	.0	.0	.0	.0
265.	.0	.1	.1	.0	.0	.0	.0	.0
270.	.0	.1	.1	.0	.1	.0	.0	.0
275.	.0	.1	.1	.1	.1	.0	.0	.0
280.	.0	.1	.0	.1	.1	.0	.0	.0
285.	.0	.1	.0	.1	.1	.0	.0	.0
290.	.0	.1	.0	.1	.1	.0	.0	.0
295.	.0	.1	.0	.1	.2	.0	.0	.0
300.	.0	.1	.0	.1	.2	.0	.0	.0
305.	.0	.1	.1	.1	.3	.0	.0	.0
310.	.0	.1	.1	.1	.3	.0	.0	.0
315.	.0	.1	.1	.1	.3	.1	.0	.0
320.	.0	.1	.1	.1	.4	.1	.0	.0
325.	.0	.1	.1	.1	.4	.1	.0	.0
330.	.0	.1	.1	.1	.5	.2	.1	.0
335.	.0	.1	.1	.1	.5	.2	.1	.0
340.	.0	.1	.1	.1	.5	.3	.1	.0
345.	.0	.2	.1	.1	.7	.3	.1	.0
350.	.0	.2	.1	.1	.7	.5	.3	.1
355.	.0	.2	.1	.1	.7	.5	.4	.2
360.	.0	.1	.1	.3	.7	.4	.4	.4
MAX DEGR.	80	25	30	15	10	20	15	0

S11B215A
THE HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC25.
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC17.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 265 DEGREES FROM REC3 .

S11B215P

S11 B215 PM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.		
REC 2	164'	SE CORNER	244829.	551470.	5.		
REC 3	82'	SE CORNER	244829.	551551.	5.		
REC 4		SE CORNER	244837.	551632.	5.		
REC 5	82'	ES CORNER	244938.	551685.	5.		
REC 6	164'	ES CORNER	245006.	551709.	5.		
REC 7	400'	ES CORNER	245215.	551766.	5.		
REC 8	400'	EN CORNER	245259.	551934.	5.		
REC 9	164'	EN CORNER	245031.	551899.	5.		
REC 10	82'	EN CORNER	244955.	551873.	5.		
REC 11		NE CORNER	244867.	551854.	5.		
REC 12	82'	NE CORNER	244848.	551928.	5.		
REC 13	164'	NE CORNE	244841.	552009.	5.		
REC 14	400'	NE CORNE	244784.	552237.	5.		
REC 15	400'	NW CORNE	244600.	552156.	5.		
REC 16	164'	NW CORNE	244636.	551926.	5.		
REC 17	82'	NW CORNER	244649.	551841.	5.		
REC 18		NW CORNER	244657.	551738.	5.		
REC 19	82'	WM CORNER	244606.	551667.	5.		
REC 20	164'	WN CORNE	244548.	551608.	5.		
REC 21	400'	WN CORNE	244379.	551437.	5.		
REC 22	400'	WS CORNE	244402.	551189.	5.		
REC 23	164'	WS CORNE	244542.	551370.	5.		
REC 24	82'	WS CORNER	244592.	551436.	5.		
REC 25		SW CORNER	244656.	551475.	5.		
REC 26	82'	SW CORNER	244670.	551414.	5.		
REC 27	164'	SW CORNE	244668.	551334.	5.		
REC 28	400'	SW CORNE	244661.	551094.	5.		
S11 MD	355 & MID	B215PM				43	1 0
0	1	EB MIDAP	AG244539.551463.244449.551357.	2075	3.3	0. 68.	40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	2075	3.3	0. 68.	40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	2075	3.3	0. 56.	40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	2075	3.3	0. 68.	40.
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48.		4	
150	101		2.0 2075 33.4 1646 2 3				
0	1	EB MIDDP	AG245739.551824.245453.551834.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245739.551824.245453.551834.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245453.551834.245272.551830.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245271.551829.245101.551799.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG245101.551799.244926.551744.	2975	3.3	0. 44.	40.
0	1	EB MIDDP	AG244926.551744.244758.551654.	2975	3.3	0. 44.	40.
0	1	WB MID T&LAG	244764.551724.244971.551813.	1550	3.3	0. 56.	40.
0	2	WB 355T&L	AG244837.551756.244950.551804.	0. 36.		3	
150	104		2.0 1550 33.4 1770 3 3				
0	1	WB MID T&LAG	244971.551813.245175.551854.	1550	3.3	0. 56.	40.
0	1	WB MID T&LAG	245175.551854.245531.551852.	1550	3.3	0. 44.	40.
0	1	WB MID T&LAG	245531.551852.245735.551843.	1550	3.3	0. 44.	40.
0	1	WB MID R	AG244791.551838.244832.551790.	175	3.3	0. 32.	40.
0	1	WB MID R	AG244832.551790.244985.551839.	175	3.3	0. 32.	40.
33	1	WB MIDDP	AG244760.551728.244575.551589.	1775	3.3	0. 56.	40.
34	1	WB MIDDP	AG244575.551589.244412.551418.	1775	3.3	0. 56.	40.
35	1	WB MIDdp	AG244412.551418.244147.551001.	1775	3.3	0. 56.	40.
0	1	NB 355L	AG244750.551678.244742.551222.	300	3.3	0. 44.	40.
0	2	NB 355L	AG244748.551582.244745.551403.	0. 24.		2	
150	126		2.0 300 33.4 1717 2 3				
0	1	NB 355T	AG244779.551708.244769.551222.	2400	3.3	0. 56.	40.
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36.		3	
150	109		2.0 2400 33.4 1707 2 3				
0	1	NB 355 All	AG244764.551223.244752.550687.	2675	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244591.552672.244713.552291.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244713.552291.244764.552120.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244764.552120.244786.551952.	2050	3.3	0. 56.	40.
0	1	NB 355 Dp	AG244786.551952.244784.551709.	2050	3.3	0. 56.	40.
0	1	SB 355 L	AG244752.551692.244747.552001.	550	3.3	0. 44.	40.
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24.		2	

S11B215P									
1	150	129	2.0	550	33.4	1717	2	3	
0	1	SB 355 L	AG244747.552001.244730.552106.			550	3.3	0. 44.	40.
0	1	SB 355 T	AG244715.551687.244716.551928.			300	3.3	0. 68.	40.
0	2	SB 355T	AG244715.551761.244716.551923.			0.	48.	4	
0	1	150	112	2.0	300	33.4	1667	2	3
0	1	SB 355 T	AG244716.551928.244708.552103.			300	3.3	0. 68.	40.
0	1	SB 355 All	AG244718.552109.244647.552356.			825	3.3	0. 56.	40.
0	1	SB 355 All	AG244647.552356.244553.552665.			825	3.3	0. 56.	40.
0	1	SB 355 dp	AG244693.550687.244714.551685.			825	3.3	0. 56.	40.
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S11 B215 PM
DATE: 12/27/2006 TIME: 12:59:13.34

RUN: S11 MD 355 & MID B215PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	2075.	3.3	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	2075.	3.3	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	2075.	3.3	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	2075.	3.3	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244220.8	551187.5	*	607.	229. AG	241. 100.0	.0	48.0	1.05	30.8
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2975.	3.3	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2975.	3.3	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2975.	3.3	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2975.	3.3	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2975.	3.3	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2975.	3.3	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2975.	3.3	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2975.	3.3	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2975.	3.3	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2975.	3.3	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1550.	3.3	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245400.7	551995.4	*	612.	67. AG	186. 100.0	.0	36.0	1.04	31.1
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1550.	3.3	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1550.	3.3	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1550.	3.3	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	175. 3.3	.0	32.0		
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	175. 3.3	.0	32.0		
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1775. 3.3	.0	56.0		
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1775. 3.3	.0	56.0		
25. 35	WB MIDDP	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1775. 3.3	.0	56.0		
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	300. 3.3	.0	44.0		
27. 0	NB 355L	* 244748.0	551582.0	244746.2	551478.7	*	103.	181. AG	151. 100.0	.0	24.0	.66	5.3
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	2400. 3.3	.0	56.0		
29. 0	NB 355T	* 244777.0	551600.0	244674.4	547269.3	*	4332.	181. AG	195. 100.0	.0	36.0	1.90	220.1
30. 0	NB 355 All	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	2675. 3.3	.0	56.0		
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	2050. 3.3	.0	56.0		
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	2050. 3.3	.0	56.0		
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	2050. 3.3	.0	56.0		
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	2050. 3.3	.0	56.0		
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	550. 3.3	.0	44.0		
36. 0	SB 355L	* 244751.0	551782.0	244730.8	552840.1	*	1058.	359. AG	154. 100.0	.0	24.0	1.42	53.8
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	550. 3.3	.0	44.0		
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	300. 3.3	.0	68.0		
39. 0	SB 355T	* 244715.0	551761.0	244715.3	551806.9	*	46.	0. AG	268. 100.0	.0	48.0	.20	2.3
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	300. 3.3	.0	68.0		
41. 0	SB 355 All	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	825. 3.3	.0	56.0		
42. 0	SB 355 All	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	825. 3.3	.0	56.0		
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	825. 3.3	.0	56.0		

JOB: S11 B215 PM
DATE: 12/27/2006 TIME: 12:59:13.34

RUN: S11 MD 355 & MID B215PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	101	2.0	2075	1646	33.40	2	3
17. 0	WB 355T&L	* 150	104	2.0	1550	1770	33.40	3	3
27. 0	NB 355L	* 150	126	2.0	300	1717	33.40	2	3
29. 0	NB 355T	* 150	109	2.0	2400	1707	33.40	2	3
36. 0	SB 355L	* 150	129	2.0	550	1717	33.40	2	3
39. 0	SB 355T	* 150	112	2.0	300	1667	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 * S11B215P
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

1

JOB: S11 B215 PM

RUN: S11 MD 355 & MID B215PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.3	.5	.5	.8	.7	.7	.7	.4	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0
5.	*	.4	.4	.4	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1
10.	*	.1	.3	.3	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1
15.	*	.1	.3	.3	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.1
20.	*	.1	.1	.4	.7	.7	.8	.7	.5	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.1
25.	*	.1	.1	.4	.7	.8	.8	.7	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.3	.1
30.	*	.1	.1	.6	.8	.8	.8	.7	.6	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.3	.1
35.	*	.1	.1	.4	.9	.8	.8	.8	.7	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.2	.2
40.	*	.0	.1	.4	.7	.8	1.0	.6	.8	.0	.0	.0	.0	.0	.0	.2	.3	.3	.6	.3	.3
45.	*	.0	.1	.4	.7	.8	.7	.6	.9	.0	.0	.0	.0	.0	.0	.3	.3	.3	.6	.3	.3
50.	*	.0	.1	.3	.6	.9	.6	.6	1.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.6	.4	.4
55.	*	.0	.0	.1	.4	.6	.6	.7	1.1	.0	.0	.0	.0	.0	.0	.2	.3	.3	.7	.5	.3
60.	*	.0	.0	.1	.3	.5	.5	.5	1.2	.1	.1	.1	.0	.0	.0	.2	.3	.3	.6	.5	.4
65.	*	.0	.0	.0	.3	.5	.3	.5	1.2	.1	.1	.1	.0	.0	.0	.2	.3	.3	.7	.5	.6
70.	*	.0	.0	.0	.1	.2	.2	.7	1.2	.2	.2	.2	.0	.0	.0	.2	.3	.4	.7	.6	.5
75.	*	.0	.0	.0	.0	.0	.2	.5	1.2	.3	.3	.2	.1	.0	.0	.2	.2	.4	.7	.7	.7
80.	*	.0	.0	.0	.0	.0	.0	.4	1.1	.4	.4	.3	.1	.0	.0	.2	.3	.5	.8	.5	.7
85.	*	.0	.0	.0	.0	.0	.0	.4	1.0	.4	.4	.4	.1	.1	.0	.2	.3	.5	.9	.6	.5
90.	*	.0	.0	.0	.0	.0	.0	.2	.9	.5	.8	.6	.2	.1	.0	.2	.4	.5	.9	.5	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.7	.8	.6	.2	.1	.0	.2	.4	.5	.6	.6	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.9	.9	.7	.8	.2	.1	.0	.1	.4	.6	.6	.6	.8
105.	*	.0	.0	.0	.0	.0	.0	.0	.9	1.0	.7	.8	.2	.1	.0	.2	.5	.6	.4	.5	.7
110.	*	.0	.0	.0	.0	.0	.0	.0	1.1	.8	.7	.7	.2	.1	.0	.3	.4	.6	.4	.5	.8
115.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.7	.9	.6	.3	.1	.1	.3	.4	.8	.4	.5	.9
120.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.7	.9	.6	.4	.1	.1	.3	.4	.9	.4	.5	.9
125.	*	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.6	.4	.1	.1	.3	.4	.7	.4	.7	.9
130.	*	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.6	.4	.1	.1	.4	.3	.6	.5	.7	.9
135.	*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.1	.1	.4	.5	.5	.4	.7	.9
140.	*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.4	.3	.1	.3	.5	.5	.4	.9	.8
145.	*	.0	.0	.0	.0	.0	.0	.0	.7	.9	.6	.6	.4	.3	.1	.2	.4	.6	.6	.9	.8
150.	*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.8	.5	.3	.1	.1	.4	.5	.7	.9	.8
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.3	.1	.1	.2	.3	.5	.7	.8	.8
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.6	.3	.1	.1	.2	.4	.5	.9	.8	.9
165.	*	.0	.1	.1	.1	.0	.0	.0	.7	.7	.6	.5	.1	.2	.2	.4	.7	.9	.9	.9	.9
170.	*	.1	.1	.1	.1	.0	.0	.0	.9	.7	.6	.7	.6	.2	.4	.2	.5	.8	.8	.8	.8
175.	*	.2	.4	.3	.2	.1	.1	.0	.9	.7	.7	.8	.6	.5	.6	.3	.3	.6	.8	.8	.9
180.	*	.4	.6	.6	.6	.2	.1	.0	.7	.8	.7	.9	.8	.7	.6	.2	.3	.6	.7	.9	.8
185.	*	.5	.7	.7	.7	.2	.2	.1	.9	.8	.8	.9	.9	.7	.7	.2	.3	.5	.7	.7	.9
190.	*	.7	.8	.9	.7	.3	.2	.1	.9	.9	1.0	.9	.8	.4	.8	.1	.3	.5	.6	.8	.7
195.	*	.7	.9	.9	.7	.3	.2	.1	.9	.9	1.1	.9	.7	.6	.8	.1	.2	.2	.5	.7	.7
200.	*	.7	.8	.8	.8	.4	.2	.1	.9	.9	1.0	.8	.4	.4	.8	.1	.2	.2	.5	.7	.8
205.	*	.7	.7	.7	.8	.3	.2	.1	1.0	1.0	1.0	.8	.5	.4	.7	.1	.1	.2	.6	.6	.9

1

JOB: S11 B215 PM

RUN: S11 MD 355 & MID B215PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.6	.7	.7	.7	.3	.3	.1	1.1	1.1	.9	1.0	.6	.6	.7	.0	.1	.2	.5	.5	.8
215.	*	.6	.7	.7	.7	.3	.3	.1	1.1	1.3	.9	.7	.6	.6	.6	.0	.1	.1	.5	.6	.6
220.	*	.6	.6	.8	.8	.4	.3	.1	1.2	1.2	1.0	.6	.6	.5	.6	.0	.0	.1	.3	.4	.5
225.	*	.6	.6	.8	.8	.5	.4	.1	1.7	.9	.7	.4	.6	.5	.5	.0	.0	.0	.1	.3	.3
230.	*	.6	.6	.8	1.0	.6	.3	.2	1.8	.7	.7	.5	.6	.4	.5	.0	.0	.0	.1	.2	.2
235.	*	.6	.7	.9	1.0	.6	.4	.2	1.9	.7	.4	.5	.4	.3	.5	.0	.0	.0	.0	.0	.1
240.	*	.4	.7	1.0	1.0	.7	.4	.2	1.8	.4	.4	.4	.3	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.4	.8	1.1	.9	.5	.7	.2	1.9	.3	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
250.	*	.5	.8	1.2	.8	.7	.7	.1	1.5	.3	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
255.	*	.5	.8	1.2	.6	.5	.5	.3	1.4	.2	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
260.	*	.6	.9	1.2	.6	.6	.4	.6	1.3	.2	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
265.	*	.6	.9	1.2	.5	.6	.4	.3	1.2	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
270.	*	.5	1.0	1.2	.7	.6	.4	.5	1.0	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
275.	*	.5	1.0	1.1	.6	.6	.6	.6	.9	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
280.	*	.5	1.0	1.1	.6	.4	.6	.7	.8	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
285.	*	.6	1.0	.9	.6	.6	.6	.8	.7	.1	.2	.3	.4	.3	.5	.0	.0	.0	.0	.0	.0
290.	*	.6	1.1	.9	.6	.7	.9	1.0	.7	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
295.	*	.6	1.1	1.0	.7	.9	.9	1.0	.6	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
300.	*	.6	1.1	.8	.7	.9	1.1	.8	.6	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
305.	*	.6	1.0	.7	.8	.8	.9	.8	.6	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
310.	*	.7	1.0	.7	.8	.9	.8	.8	.6	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
315.	*	.7	1.0	.6	.7	.9	.8	.8	.5	.1	.2	.3	.3	.3	.6	.0	.0	.0	.0	.0	.0
320.	*	.7	.8	.6	.8	.9	.8	.8	.5	.1	.1	.4	.3	.4	.6	.0	.0	.0	.0	.0	.0
325.	*	.7	.8	.5	.8	.9	.8	.8	.4	.1	.1	.4	.3	.4	.6	.0	.0	.0	.0	.0	.0
330.	*	.7	.7	.7	.9	.8	.8	.8	.4	.1	.1	.3	.3	.4	.6	.0	.0	.0	.0	.0	.0
335.	*	.7	.7	.6	1.0	.8	.7	.6	.4	.1	.1	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.7	.5	.7	.8	.8	.7	.6	.4	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	*	.7	.7	.6	.8	.8	.7	.7	.4	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.6	.6	.9	.8	.8	.7	.4	.0	.1	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0
355.	*	.4	.6	.7	.9	.8	.7	.7	.4	.0	.0	.1	.1	.1	.3	.0	.1	.1	.1	.0	.0
360.	*	.3	.5	.5	.8	.7	.7	.7	.4	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0
MAX		.7	1.1	1.2	1.0	.9	1.1	1.0	1.9	1.3	1.1	1.0	.9	.7	.8	.4	.5	.9	.9	.9	.9
DEGR.		310	290	250	230	295	300	290	235	215	195	210	185	180	190	130	105	120	85	140	115

1

JOB: S11 B215 PM

RUN: S11 MD 355 & MID B215PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.6	.8	.9	.8	.5	.4	.4
5.	.0	.5	.9	1.0	.8	.5	.4	.5
10.	.0	.7	.8	1.0	.7	.4	.7	.5
15.	.1	.7	.8	1.0	.7	.6	.5	.4
20.	.1	.6	.7	.9	.5	.6	.5	.6
25.	.1	.6	.6	.9	.5	.7	.6	.6
30.	.1	.4	.6	.7	.8	.8	.6	.6
35.	.2	.2	.5	.6	.9	.9	.7	.7
40.	.2	.4	.6	.8	.8	.6	.6	.6
45.	.1	.3	.6	.8	.7	.6	.6	.5
50.	.4	.3	.5	.6	.8	.7	.6	.5
55.	.5	.1	.4	.4	.7	.7	.5	.5
60.	.6	.1	.4	.4	.7	.6	.5	.5
65.	.7	.1	.2	.4	.6	.5	.5	.5
70.	.9	.1	.2	.4	.6	.5	.5	.5
75.	.8	.1	.2	.4	.5	.4	.4	.4
80.	.9	.1	.2	.3	.5	.5	.5	.4
85.	.9	.1	.2	.3	.5	.5	.5	.5
90.	.8	.1	.2	.3	.5	.5	.5	.5
95.	.7	.1	.2	.3	.5	.5	.5	.5
100.	.7	.1	.2	.3	.4	.5	.5	.4
105.	.7	.2	.2	.3	.4	.4	.4	.4
110.	.8	.2	.2	.3	.4	.4	.4	.4
115.	.8	.2	.2	.3	.4	.5	.5	.5
120.	.8	.2	.2	.3	.4	.5	.5	.5
125.	.8	.2	.2	.3	.4	.5	.5	.5
130.	.7	.2	.3	.3	.4	.5	.5	.5
135.	.7	.1	.3	.3	.5	.5	.6	.5
140.	.8	.1	.3	.2	.5	.5	.6	.5
145.	.7	.1	.3	.3	.5	.5	.5	.5
150.	.8	.1	.3	.3	.5	.6	.5	.5
155.	.8	.1	.3	.3	.6	.6	.5	.5
160.	.8	.1	.3	.3	.6	.5	.5	.5
165.	.8	.1	.2	.3	.5	.6	.6	.6
170.	.8	.1	.2	.3	.5	.6	.6	.6
175.	.8	.1	.2	.2	.5	.5	.5	.5
180.	.8	.1	.1	.2	.4	.5	.5	.4
185.	.7	.0	.1	.1	.2	.3	.3	.2
190.	.7	.0	.0	.0	.1	.1	.1	.1
195.	.7	.0	.0	.0	.0	.0	.0	.0
200.	.7	.0	.0	.0	.0	.0	.0	.0
205.	.6	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 B215 PM

RUN: S11 MD 355 & MID B215PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.0	.0	.0	.0	.0
215.	.3	.1	.1	.2	.0	.0	.0	.0
220.	.3	.2	.1	.2	.1	.0	.0	.0
225.	.1	.2	.2	.3	.3	.0	.0	.0
230.	.1	.2	.4	.6	.4	.1	.0	.0
235.	.0	.3	.4	.7	.7	.2	.0	.0
240.	.0	.4	.5	.8	.8	.3	.1	.0
245.	.0	.3	.7	.9	.7	.4	.2	.0
250.	.0	.3	.8	.8	.6	.5	.2	.0
255.	.0	.4	.8	.9	.8	.4	.3	.0
260.	.0	.4	.8	.8	.8	.4	.3	.0
265.	.0	.4	.8	.8	.8	.4	.3	.0
270.	.0	.5	.7	.8	.7	.4	.2	.0
275.	.0	.5	.7	.8	.7	.4	.2	.0
280.	.0	.6	.7	.8	.7	.4	.2	.1
285.	.0	.6	.5	.9	.7	.5	.3	.1
290.	.0	.6	.5	.8	.7	.5	.3	.1
295.	.0	.6	.5	.8	.7	.5	.3	.1
300.	.0	.6	.6	.8	.7	.5	.3	.1
305.	.0	.6	.6	.7	.7	.5	.3	.1
310.	.0	.6	.7	.7	.7	.5	.2	.1
315.	.0	.6	.6	.7	.7	.5	.2	.1
320.	.0	.6	.6	.8	.6	.4	.2	.1
325.	.0	.6	.6	.8	.6	.4	.3	.1
330.	.0	.6	.6	.8	.6	.4	.3	.1
335.	.0	.6	.6	.8	.7	.4	.3	.1
340.	.0	.6	.6	.8	.7	.4	.3	.1
345.	.0	.6	.6	.8	.7	.4	.3	.1
350.	.0	.6	.6	.8	.7	.5	.3	.1
355.	.0	.6	.7	.7	.8	.5	.4	.1
360.	.0	.6	.8	.9	.8	.5	.4	.4
MAX DEGR.	.9	.7	.9	1.0	.9	.9	.7	.7
	70	10	5	5	35	35	10	35

S11B215P
THE HIGHEST CONCENTRATION IS 1.90 PPM AT 235 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 215 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 250 DEGREES FROM REC3 .

S11NB30A.DAT

S11	NB30	AM	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.

S11	MD	355 & MID	NB30AM	43	1	0

0	1	EB MIDAP	AG244539.551463.244449.551357.	1375	2.9	0.	68.	40.
0	1	EB MIDAP	AG244449.551357.244284.551105.	1375	2.9	0.	68.	40.
0	1	EB MIDAP	AG244284.551105.244134.550896.	1375	2.9	0.	56.	40.
0	1	EB MIDAP	AG244759.551652.244539.551463.	1375	2.9	0.	68.	40.
2								
150	1	EB MID TQ	AG244680.551584.244563.551483.	0.	48.	4		
			103 2.0 1375 29.1 1646 2 3					
1		EB MIDDP	AG245739.551824.245453.551834.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245453.551834.245272.551830.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245271.551829.245101.551799.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245101.551799.244926.551744.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG244926.551744.244758.551654.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245739.551824.245453.551834.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245453.551834.245272.551830.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245271.551829.245101.551799.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG245101.551799.244926.551744.	1175	2.9	0.	44.	40.
1		EB MIDDP	AG244926.551744.244758.551654.	1175	2.9	0.	44.	40.
1		WB MID T&LAG	244764.551724.244971.551813.	1725	2.9	0.	56.	40.
2								
150	1	WB 355T&L	AG244837.551756.244950.551804.	0.	36.	3		
			100 2.0 1725 29.1 1770 3 3					
1		WB MID T&LAG	244971.551813.245175.551854.	1725	2.9	0.	56.	40.
1		WB MID T&LAG	245175.551854.245531.551852.	1725	2.9	0.	44.	40.
1		WB MID T&LAG	245531.551852.245735.551843.	1725	2.9	0.	44.	40.
1		WB MID R	AG244791.551838.244832.551790.	225	2.9	0.	32.	40.
1		WB MID R	AG244832.551790.244985.551839.	225	2.9	0.	32.	40.
33		WB MIDDP	AG244760.551728.244575.551589.	1700	2.9	0.	56.	40.
34		WB MIDDP	AG244575.551589.244412.551418.	1700	2.9	0.	56.	40.
35		WB MIDdp	AG244412.551418.244147.551001.	1700	2.9	0.	56.	40.
1		NB 355L	AG244750.551678.244742.551222.	100	2.9	0.	44.	40.
2								
150	1	NB 355L	AG244748.551582.244745.551403.	0.	24.	2		
			139 2.0 100 29.1 1717 2 3					
1		NB 355T	AG244779.551708.244769.551222.	475	2.9	0.	56.	40.
2								
150	1	NB 355T	AG244777.551600.244772.551389.	0.	36.	3		
			58 2.0 475 29.1 1707 2 3					
1		NB 355	ALLAG244764.551223.244752.550687.	575	2.9	0.	56.	40.
1		NB 355 Dp	AG244591.552672.244713.552291.	700	2.9	0.	56.	40.
1		NB 355 Dp	AG244713.552291.244764.552120.	700	2.9	0.	56.	40.
1		NB 355 Dp	AG244764.552120.244786.551952.	700	2.9	0.	56.	40.
1		NB 355 Dp	AG244786.551952.244784.551709.	700	2.9	0.	56.	40.
2		SB 355 L	AG244752.551692.244747.552001.	25	2.9	0.	44.	40.
0		SB 355L	AG244751.551782.244748.551940.	0.	24.	2		

S11NB30A.DAT

	150	137	2.0	25	29.1	1717	2	3	
1									
0	1	SB 355 L	AG244747.552001.244730.552106.		25	2.9	0.	44.	40.
0	1	SB 355 T	AG244715.551687.244716.551928.	2075	2.9	0.	68.	40.	
0	2								
0		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
	150	102	2.0	2075	29.1	1667	2	3	
1									
0	1	SB 355 T	AG244716.551928.244708.552103.	2075	2.9	0.	68.	40.	
0	1	SB 355 All	AG244718.552109.244647.552356.	2100	2.9	0.	56.	40.	
0	1								
0	1	SB 355 All	AG244647.552356.244553.552665.	2100	2.9	0.	56.	40.	
0	1								
0		SB 355 dp	AG244693.550687.244714.551685.	2455	2.9	0.	56.	40.	
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 NB30 AM
DATE: 12/18/2006 TIME: 15:10:57.18

RUN: S11 MD 355 & MID NB30AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1375.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1375.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1375.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1375.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244533.8	551457.8	*	193.	229. AG	214. 100.0	2.9	.0	48.0	.73 9.8
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1175.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1175.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1175.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1175.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1175.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1175.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1175.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1175.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1175.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1175.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1725.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245535.5	552052.6	*	759.	67. AG	156. 100.0	2.9	.0	36.0	1.06 38.5
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1725.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1725.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1725.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1700.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1700.	2.9	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1700.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	100.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.4	551544.0	*	38.	181. AG	145. 100.0	2.9	.0	24.0	.63 1.9
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	475.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244775.8	551549.9	*	50.	181. AG	91. 100.0	2.9	.0	36.0	.16 2.5
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	575.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	700.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	700.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	700.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	700.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	25.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.8	551791.0	*	9.	359. AG	143. 100.0	2.9	.0	24.0	.12 .5
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	25.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	2075.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244719.1	552420.1	*	659.	0. AG	212. 100.0	2.9	.0	48.0	1.06 33.5
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	2075.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	2100.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	2100.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2455.	2.9	.0	56.0	

JOB: S11 NB30 AM
DATE: 12/18/2006 TIME: 15:10:57.18

RUN: S11 MD 355 & MID NB30AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	103	2.0	1375	1646	29.10	2	3
17. 0	WB 355T&L	* 150	100	2.0	1725	1770	29.10	3	3
27. 0	NB 355L	* 150	139	2.0	100	1717	29.10	2	3
29. 0	NB 355T	* 150	58	2.0	475	1707	29.10	2	3
36. 0	SB 355L	* 150	137	2.0	25	1717	29.10	2	3
39. 0	SB 355T	* 150	102	2.0	2075	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11NB30A.OUT

1

JOB: S11 NB30 AM

RUN: S11 MD 355 & MID NB30AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.1	.1
5.	.1	.2	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.3	.4	.5	.2	.1
10.	.1	.1	.1	.4	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.3	.4	.5	.6	.3	.1
15.	.1	.1	.1	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.2	.6	.6	.7	.3	.2
20.	.1	.1	.1	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.4	.2
25.	.1	.1	.1	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0	.3	.5	.6	.7	.4	.2
30.	.1	.1	.2	.5	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.3	.5	.7	.7	.4	.2
35.	.1	.1	.2	.4	.5	.5	.5	.7	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.4	.3
40.	.0	.1	.2	.2	.5	.5	.5	.7	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.3	.3
45.	.0	.1	.1	.2	.5	.3	.2	.8	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.3	.3
50.	.0	.1	.1	.2	.5	.2	.2	1.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.6	.3	.4
55.	.0	.1	.1	.2	.2	.2	.4	1.1	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.4	.4
60.	.0	.0	.1	.1	.1	.1	.3	1.1	.1	.1	.1	.0	.0	.0	.4	.5	.5	.5	.5	.3
65.	.0	.0	.0	.1	.1	.1	.3	1.2	.2	.1	.1	.0	.0	.0	.4	.5	.5	.6	.5	.3
70.	.0	.0	.0	.1	.1	.0	.3	1.1	.2	.2	.2	.0	.0	.0	.4	.5	.6	.6	.5	.3
75.	.0	.0	.0	.0	.0	.0	.1	1.1	.3	.3	.2	.1	.0	.0	.4	.5	.6	.6	.5	.4
80.	.0	.0	.0	.0	.0	.0	.0	1.0	.3	.3	.3	.1	.0	.0	.4	.6	.6	.5	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.8	.4	.4	.4	.1	.1	.0	.4	.6	.7	.5	.3	.5
90.	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.4	.2	.1	.0	.4	.7	.7	.3	.2	.5
95.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.6	.4	.2	.1	.0	.4	.6	.7	.4	.2	.4
100.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.4	.2	.1	.0	.5	.6	.7	.3	.2	.5
105.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.4	.2	.1	.0	.5	.6	.7	.2	.2	.5
110.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.5	.2	.1	.1	.5	.6	.7	.2	.3	.5
115.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.3	.1	.1	.4	.6	.7	.2	.3	.6
120.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	.5	.6	.6	.2	.3	.7
125.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.5	.6	.5	.2	.4	.7
130.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.5	.6	.4	.3	.4	.7
135.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.5	.5	.4	.3	.4	.6
140.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.1	.1	.1	.5	.5	.4	.3	.5	.6
145.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.4	.4	.3	.3	.5	.6
150.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.3	.1	.1	.4	.4	.3	.2	.5	.6
155.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.3	.1	.1	.4	.3	.4	.4	.6	.6
160.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.4	.4	.5	.6	.6
165.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.3	.2	.1	.1	.2	.3	.3	.5	.6	.6
170.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.3	.3	.5	.6	.7
175.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.2	.3	.6	.6	.4
180.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.2	.0	.2	.3	.5	.6	.4
185.	.0	.1	.1	.1	.0	.0	.0	.4	.4	.4	.4	.3	.1	.3	.0	.2	.2	.5	.5	.4
190.	.0	.1	.1	.1	.0	.0	.0	.5	.4	.4	.4	.2	.1	.5	.0	.1	.1	.5	.4	.3
195.	.1	.1	.1	.1	.0	.0	.0	.5	.4	.5	.3	.1	.2	.5	.0	.1	.1	.3	.4	.3
200.	.1	.1	.1	.1	.1	.0	.0	.5	.4	.5	.3	.2	.4	.6	.0	.0	.1	.3	.4	.3
205.	.1	.1	.1	.2	.1	.1	.0	.6	.5	.5	.4	.3	.4	.6	.0	.0	.1	.3	.3	.2

1

JOB: S11 NB30 AM

RUN: S11 MD 355 & MID NB30AM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.1	.2	.1	.1	.0	.6	.5	.5	.4	.3	.4	.7	.0	.0	.0	.3	.3	.3
215.	.1	.1	.1	.2	.1	.1	.0	.6	.6	.6	.3	.3	.3	.7	.0	.0	.0	.2	.2	.3
220.	.1	.1	.1	.3	.1	.1	.0	.7	.4	.5	.4	.4	.4	.6	.0	.0	.0	.1	.1	.3
225.	.1	.1	.1	.4	.1	.1	.0	.8	.5	.4	.2	.3	.4	.6	.0	.0	.0	.0	.1	.1
230.	.1	.1	.1	.4	.2	.1	.0	1.0	.5	.3	.4	.3	.4	.5	.0	.0	.0	.0	.1	.1
235.	.1	.1	.1	.6	.2	.2	.0	1.1	.4	.3	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1
240.	.1	.1	.2	.6	.2	.2	.0	1.2	.3	.3	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
245.	.1	.1	.2	.6	.2	.1	.0	1.3	.2	.1	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
250.	.1	.1	.3	.5	.2	.1	.0	1.3	.2	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	.1	.1	.3	.4	.2	.1	.0	1.3	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	.1	.2	.5	.3	.1	.0	.1	1.2	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
265.	.1	.2	.6	.3	.2	.2	.1	1.1	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
270.	.1	.2	.6	.4	.2	.2	.2	.9	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
275.	.1	.3	.6	.3	.2	.3	.2	.8	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
280.	.1	.3	.6	.2	.2	.5	.4	.8	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
285.	.1	.3	.5	.2	.3	.3	.4	.7	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
290.	.1	.3	.6	.4	.4	.3	.6	.6	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
295.	.1	.3	.6	.3	.6	.4	.6	.6	.1	.2	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
300.	.1	.2	.4	.4	.6	.6	.6	.5	.1	.2	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
305.	.2	.2	.3	.5	.6	.6	.6	.5	.1	.2	.3	.4	.3	.5	.0	.0	.0	.0	.0	.0
310.	.2	.3	.2	.5	.6	.7	.6	.5	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
315.	.2	.3	.2	.4	.7	.7	.6	.4	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
320.	.2	.2	.3	.5	.7	.7	.6	.4	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
325.	.2	.3	.3	.5	.7	.7	.5	.4	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
330.	.2	.4	.2	.7	.7	.6	.5	.4	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
335.	.2	.3	.3	.7	.7	.5	.4	.4	.1	.1	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
340.	.2	.3	.3	.6	.4	.5	.4	.4	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
345.	.2	.3	.4	.6	.4	.5	.5	.4	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
350.	.1	.2	.2	.5	.4	.5	.5	.4	.0	.0	.1	.1	.1	.2	.0	.0	.1	.1	.0	.0
355.	.1	.2	.2	.6	.3	.5	.5	.4	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0
360.	.1	.1	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.1	.1

MAX DEGR. * 305 330 265 330 315 310 290 245 105 95 110 220 200 210 100 90 30 15 155 120

1

JOB: S11 NB30 AM

RUN: S11 MD 355 & MID NB30AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.1	.5	.7	.8	.6	.3	.4	
5.	* .0	.1	.5	.7	.8	.6	.5	.4	
10.	* .0	.2	.5	.9	.9	.6	.4	.4	
15.	* .1	.3	.6	.9	.7	.5	.4	.4	
20.	* .1	.3	.6	.9	.6	.4	.4	.3	
25.	* .1	.3	.6	.7	.5	.4	.4	.4	
30.	* .1	.2	.6	.7	.5	.4	.4	.4	
35.	* .1	.1	.5	.6	.4	.3	.4	.3	
40.	* .2	.2	.5	.5	.4	.3	.3	.2	
45.	* .2	.2	.3	.4	.4	.3	.3	.2	
50.	* .4	.2	.3	.3	.4	.3	.3	.2	
55.	* .4	.1	.2	.2	.4	.3	.2	.2	
60.	* .5	.1	.2	.2	.3	.2	.2	.2	
65.	* .6	.1	.1	.1	.2	.2	.2	.2	
70.	* .6	.1	.1	.1	.2	.2	.2	.2	
75.	* .4	.0	.1	.1	.2	.2	.2	.2	
80.	* .4	.0	.1	.1	.2	.2	.2	.2	
85.	* .2	.0	.1	.1	.2	.2	.2	.2	
90.	* .3	.0	.1	.1	.2	.2	.2	.2	
95.	* .3	.0	.1	.1	.2	.2	.2	.2	
100.	* .2	.0	.1	.1	.2	.2	.2	.2	
105.	* .2	.0	.1	.1	.2	.2	.2	.2	
110.	* .2	.0	.1	.1	.2	.2	.2	.2	
115.	* .3	.1	.1	.1	.2	.2	.2	.2	
120.	* .3	.1	.1	.1	.2	.2	.2	.2	
125.	* .3	.1	.1	.1	.2	.2	.2	.2	
130.	* .1	.1	.1	.1	.2	.2	.2	.2	
135.	* .1	.0	.1	.1	.2	.2	.2	.2	
140.	* .1	.0	.1	.1	.2	.2	.2	.2	
145.	* .1	.0	.1	.1	.2	.2	.2	.2	
150.	* .1	.0	.1	.1	.2	.3	.3	.2	
155.	* .2	.0	.1	.1	.2	.3	.3	.3	
160.	* .2	.0	.1	.1	.2	.3	.3	.3	
165.	* .3	.0	.1	.1	.2	.3	.3	.3	
170.	* .3	.0	.0	.1	.2	.3	.3	.2	
175.	* .3	.0	.0	.1	.2	.3	.3	.2	
180.	* .3	.0	.0	.0	.1	.2	.2	.2	
185.	* .3	.0	.0	.0	.1	.2	.1	.1	
190.	* .3	.0	.0	.0	.1	.1	.1	.1	
195.	* .2	.0	.0	.0	.0	.1	.1	.0	
200.	* .2	.0	.0	.0	.0	.0	.0	.0	
205.	* .2	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S11 NB30 AM

RUN: S11 MD 355 & MID NB30AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .1	.0	.0	.0	.0	.0	.0	.0	
215.	* .1	.0	.0	.0	.0	.0	.0	.0	
220.	* .1	.0	.1	.0	.0	.0	.0	.0	
225.	* .0	.2	.1	.1	.0	.0	.0	.0	
230.	* .0	.2	.2	.2	.0	.0	.0	.0	
235.	* .0	.1	.2	.2	.0	.0	.0	.0	
240.	* .0	.2	.2	.2	.0	.0	.0	.0	
245.	* .0	.2	.2	.2	.1	.0	.0	.0	
250.	* .0	.2	.2	.2	.1	.0	.0	.0	
255.	* .0	.2	.2	.1	.2	.0	.0	.0	
260.	* .0	.2	.2	.1	.2	.0	.0	.0	
265.	* .0	.2	.2	.2	.5	.0	.0	.0	
270.	* .0	.2	.2	.2	.5	.0	.0	.0	
275.	* .0	.2	.2	.3	.6	.1	.0	.0	
280.	* .0	.2	.1	.4	.6	.1	.0	.0	
285.	* .0	.2	.1	.4	.6	.1	.0	.0	
290.	* .0	.2	.1	.4	.6	.2	.0	.0	
295.	* .0	.2	.1	.4	.6	.2	.0	.0	
300.	* .0	.2	.1	.5	.6	.2	.0	.0	
305.	* .0	.2	.2	.6	.6	.2	.1	.0	
310.	* .0	.2	.2	.6	.6	.4	.1	.0	
315.	* .0	.2	.2	.6	.5	.4	.1	.0	
320.	* .0	.2	.2	.7	.5	.4	.1	.0	
325.	* .0	.2	.2	.7	.5	.4	.2	.0	
330.	* .0	.2	.2	.7	.5	.4	.2	.0	
335.	* .0	.2	.2	.7	.5	.4	.2	.0	
340.	* .0	.2	.3	.7	.5	.4	.2	.1	
345.	* .0	.2	.3	.7	.6	.4	.2	.1	
350.	* .0	.2	.3	.6	.7	.5	.4	.2	
355.	* .0	.2	.4	.7	.7	.5	.4	.3	
360.	* .0	.1	.5	.7	.8	.6	.3	.4	
MAX DEGR.	* .6	.3	.6	.9	.9	.6	.5	.4	
		65	15	15	10	10	0	5	0

S11NB30A.OUT
THE HIGHEST CONCENTRATION IS 1.30 PPM AT 245 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC24.
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC25.

				S11NB30P.DAT					
S11 NB30 PM				60.0175.0.0000.000280.30480000				11	1
REC 1	400'	SE CORNER	244834.	551238.	5.				
REC 2	164'	SE CORNER	244829.	551470.	5.				
REC 3	82'	SE CORNER	244829.	551551.	5.				
REC 4		SE CORNER	244837.	551632.	5.				
REC 5	82'	ES CORNER	244938.	551685.	5.				
REC 6	164'	ES CORNER	245006.	551709.	5.				
REC 7	400'	ES CORNER	245215.	551766.	5.				
REC 8	400'	EN CORNER	245259.	551934.	5.				
REC 9	164'	EN CORNER	245031.	551899.	5.				
REC 10	82'	EN CORNER	244955.	551873.	5.				
REC 11		NE CORNER	244867.	551854.	5.				
REC 12	82'	NE CORNER	244848.	551928.	5.				
REC 13	164'	NE CORNE	244841.	552009.	5.				
REC 14	400'	NE CORNE	244784.	552237.	5.				
REC 15	400'	NW CORNE	244600.	552156.	5.				
REC 16	164'	NW CORNE	244636.	551926.	5.				
REC 17	82'	NW CORNER	244649.	551841.	5.				
REC 18		NW CORNER	244657.	551738.	5.				
REC 19	82'	WM CORNER	244606.	551667.	5.				
REC 20	164'	WN CORNE	244548.	551608.	5.				
REC 21	400'	WN CORNE	244379.	551437.	5.				
REC 22	400'	WS CORNE	244402.	551189.	5.				
REC 23	164'	WS CORNE	244542.	551370.	5.				
REC 24	82'	WS CORNER	244592.	551436.	5.				
REC 25		SW CORNER	244656.	551475.	5.				
REC 26	82'	SW CORNER	244670.	551414.	5.				
REC 27	164'	SW CORNE	244668.	551334.	5.				
REC 28	400'	SW CORNE	244661.	551094.	5.				
S11 MD	355 & MID	NB30PM			43	1	0		
0	1	EB MIDAP	AG244539.551463.244449.551357.		2025	2.9	0. 68.	40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.		2025	2.9	0. 68.	40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.		2025	2.9	0. 56.	40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.		2025	2.9	0. 68.	40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.		0. 48.	4			
150	106		2.0 2025 29.1 1644 2 3						
0	1	EB MIDDP	AG245739.551824.245453.551834.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.		2600	2.9	0. 44.	40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.		2600	2.9	0. 44.	40.	
0	2	WB MID T&LAG	244764.551724.244971.551813.		1975	2.9	0. 56.	40.	
0	150	WB 355T&L	AG244837.551756.244950.551804.		0. 36.	3			
150	100		2.0 1975 29.1 1770 3 3						
0	1	WB MID T&LAG	244971.551813.245175.551854.		1975	2.9	0. 56.	40.	
0	1	WB MID T&LAG	245175.551854.245531.551852.		1975	2.9	0. 44.	40.	
0	1	WB MID T&LAG	245531.551852.245735.551843.		1975	2.9	0. 44.	40.	
0	1	WB MID R	AG244791.551838.244832.551790.		225	2.9	0. 32.	40.	
0	1	WB MID R	AG244832.551790.244985.551839.		225	2.9	0. 32.	40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.		2075	2.9	0. 56.	40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.		2075	2.9	0. 56.	40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.		2075	2.9	0. 56.	40.	
0	2	NB 355L	AG244750.551678.244742.551222.		300	2.9	0. 44.	40.	
0	150	NB 355L	AG244748.551582.244745.551403.		0. 24.	2			
150	116		2.0 300 29.1 1717 2 3						
0	1	NB 355T	AG244779.551708.244769.551222.		2375	2.9	0. 56.	40.	
0	2	NB 355T	AG244777.551600.244772.551389.		0. 36.	3			
150	110		2.0 2375 29.1 1707 2 3						
0	1	NB 355 All	AG244764.551223.244752.550687.		575	2.9	0. 56.	40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.		2525	2.9	0. 56.	40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.		2525	2.9	0. 56.	40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.		2525	2.9	0. 56.	40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.		2525	2.9	0. 56.	40.	
0	2	SB 355 L	AG244752.551692.244747.552001.		650	2.9	0. 44.	40.	
0	2	SB 355L	AG244751.551782.244748.551940.		0. 24.	2			

S11NB30P.DAT

	150	128	2.0	650	29.1	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		650	2.9	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		350	2.9	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0		150	110	2.0	350	29.1	1667	2	3
0	1								
		SB 355 T	AG244716.551928.244708.552103.		350	2.9	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		1000	2.9	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		1000	2.9	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		700	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 NB30 PM
DATE: 12/18/2006 TIME: 15:11:46.77

RUN: S11 MD 355 & MID NB30PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	2025.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	2025.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	2025.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	2025.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	243892.7	550904.2	*	1040.	229. AG	221.	100.0	.0	48.0	1.16 52.8
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2600.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2600.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2600.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2600.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2600.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2600.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2600.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2600.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2600.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2600.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1975.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	246345.0	552396.5	*	1638.	67. AG	156.	100.0	.0	36.0	1.21 83.2
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1975.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1975.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1975.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	2075.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	2075.	2.9	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	2075.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	300.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244746.4	551486.9	*	95.	181. AG	121.	100.0	.0	24.0	.44 4.8
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	2375.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244673.7	547240.2	*	4361.	181. AG	172.	100.0	.0	36.0	1.93 221.5
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	575.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	2525.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	2525.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	2525.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	2525.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	650.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244722.8	553257.0	*	1475.	359. AG	133.	100.0	.0	24.0	1.58 74.9
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	650.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	350.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244715.3	551813.3	*	52.	0. AG	229.	100.0	.0	48.0	.22 2.7
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	350.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1000.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1000.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	700.	2.9	.0	56.0	

JOB: S11 NB30 PM
DATE: 12/18/2006 TIME: 15:11:46.77

RUN: S11 MD 355 & MID NB30PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	106	2.0	2025	1644	29.10	2	3
17. 0	WB 355T&L	* 150	100	2.0	1975	1770	29.10	3	3
27. 0	NB 355L	* 150	116	2.0	300	1717	29.10	2	3
29. 0	NB 355T	* 150	110	2.0	2375	1707	29.10	2	3
36. 0	SB 355L	* 150	128	2.0	650	1717	29.10	2	3
39. 0	SB 355T	* 150	110	2.0	350	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11NB30P.OUT

1

JOB: S11 NB30 PM

RUN: S11 MD 355 & MID NB30PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.3	.4	.6	.8	.5	.7	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0
5.	*	.2	.4	.5	.7	.5	.7	.7	.4	.0	.0	.0	.1	.1	.2	.2	.1	.2	.2	.1	.1
10.	*	.1	.3	.4	.6	.5	.7	.7	.4	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1
15.	*	.1	.1	.4	.7	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.1
20.	*	.1	.1	.3	.7	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.2	.1
25.	*	.1	.1	.3	.7	.7	.7	.7	.5	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.3	.1
30.	*	.1	.1	.2	.5	.7	.7	.5	.5	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.2	.1
35.	*	.1	.1	.4	.7	.7	.5	.5	.6	.0	.0	.0	.0	.0	.0	.2	.3	.3	.5	.3	.2
40.	*	.1	.1	.4	.6	.8	.5	.7	.7	.0	.0	.0	.0	.0	.0	.1	.3	.3	.6	.3	.3
45.	*	.1	.1	.2	.6	.6	.8	.7	.8	.0	.0	.0	.0	.0	.0	.2	.3	.3	.6	.3	.4
50.	*	.1	.1	.2	.7	.6	.8	.7	1.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.5	.4	.4
55.	*	.0	.1	.2	.4	.5	.6	.7	1.1	.1	.1	.0	.0	.0	.0	.2	.2	.3	.6	.5	.3
60.	*	.0	.1	.1	.4	.6	.5	.4	1.3	.2	.1	.1	.0	.0	.0	.2	.2	.3	.6	.6	.4
65.	*	.0	.0	.1	.2	.6	.5	.4	1.3	.2	.2	.2	.1	.0	.0	.2	.2	.4	.7	.5	.4
70.	*	.0	.0	.0	.1	.1	.4	.4	1.3	.3	.3	.2	.1	.1	.0	.2	.3	.3	.8	.7	.6
75.	*	.0	.0	.0	.1	.1	.1	.5	1.2	.4	.4	.3	.2	.1	.0	.2	.3	.4	.7	.7	.6
80.	*	.0	.0	.0	.0	.0	.0	.4	1.1	.4	.4	.3	.2	.1	.0	.2	.2	.5	.6	.5	.4
85.	*	.0	.0	.0	.0	.0	.0	.4	.9	.4	.4	.4	.2	.1	.1	.3	.3	.5	.5	.6	.5
90.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.6	.4	.2	.1	.1	.3	.3	.5	.6	.5	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.8	.4	.2	.1	.1	.3	.3	.5	.6	.5	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.7	.4	.2	.1	.1	.3	.3	.6	.6	.4	.7
105.	*	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.6	.2	.1	.1	.2	.3	.5	.3	.5	.7
110.	*	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.7	.3	.1	.1	.3	.3	.6	.4	.5	.7
115.	*	.0	.0	.0	.0	.0	.0	.0	.9	.6	.8	.7	.3	.1	.1	.3	.3	.6	.4	.5	.9
120.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.6	.3	.1	.1	.3	.3	.9	.4	.5	.8
125.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.3	.3	.7	.4	.7	.8
130.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.3	.4	.6	.3	.7	.8
135.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.3	.3	.5	.3	.8	.8
140.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.2	.3	.3	.4	.9	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.6	.5	.5	.1	.1	.1	.3	.5	.5	.8	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.3	.1	.1	.1	.3	.4	.6	.8	.8
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.3	.1	.1	.2	.3	.4	.6	.9	.8
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.2	.1	.1	.2	.3	.5	.8	.7	.8
165.	*	.0	.1	.1	.0	.0	.0	.0	.7	.6	.7	.5	.2	.1	.1	.1	.4	.4	.8	.7	.8
170.	*	.1	.1	.1	.1	.0	.0	.0	.7	.6	.6	.6	.5	.2	.3	.2	.5	.6	.8	.8	.8
175.	*	.2	.2	.2	.2	.1	.0	.0	.7	.6	.7	.6	.6	.2	.4	.3	.3	.5	.7	.8	.8
180.	*	.3	.3	.5	.4	.1	.1	.0	.7	.7	.7	.7	.7	.5	.6	.2	.3	.5	.6	.8	.7
185.	*	.4	.5	.6	.5	.2	.1	.1	.8	.7	.8	.9	.8	.4	.6	.2	.2	.4	.5	.7	.8
190.	*	.4	.6	.6	.6	.2	.2	.1	.8	.8	.8	.9	.8	.4	.7	.1	.3	.4	.6	.6	.7
195.	*	.4	.6	.7	.7	.2	.2	.1	.8	.8	.8	.7	.5	.5	.7	.1	.2	.2	.5	.7	.7
200.	*	.4	.7	.7	.7	.3	.2	.1	.8	.8	.9	.8	.4	.5	.7	.1	.2	.2	.5	.7	.7
205.	*	.4	.6	.7	.7	.3	.2	.1	.9	.7	.9	.8	.5	.5	.6	.1	.2	.2	.5	.6	.8

1

JOB: S11 NB30 PM

RUN: S11 MD 355 & MID NB30PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.4	.6	.6	.7	.3	.2	.1	.9	.9	.9	1.0	.6	.5	.6	.1	.2	.2	.5	.6	.7
215.	*	.4	.6	.6	.8	.3	.3	.1	1.0	1.2	.9	.7	.7	.7	.6	.0	.1	.2	.5	.6	.7
220.	*	.3	.6	.6	.7	.4	.3	.1	1.1	.9	.9	.6	.6	.5	.5	.0	.1	.1	.4	.6	.6
225.	*	.3	.6	.8	.8	.4	.3	.1	1.4	.8	.7	.4	.6	.5	.5	.0	.0	.1	.2	.3	.4
230.	*	.3	.7	.9	1.0	.4	.4	.2	1.4	.8	.5	.5	.5	.5	.5	.0	.0	.0	.1	.2	.3
235.	*	.3	.6	.9	1.0	.5	.4	.2	1.5	.5	.5	.5	.6	.3	.5	.0	.0	.0	.1	.1	.2
240.	*	.3	.7	1.0	1.0	.6	.4	.2	1.6	.4	.4	.4	.4	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.4	.7	1.0	.9	.6	.4	.2	1.4	.4	.2	.3	.4	.3	.5	.0	.0	.0	.0	.0	.0
250.	*	.5	.7	.9	.6	.6	.5	.1	1.3	.2	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
255.	*	.5	.7	1.1	.5	.5	.3	.1	1.3	.2	.3	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
260.	*	.5	.7	1.1	.4	.5	.3	.4	1.0	.2	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
265.	*	.5	.7	1.1	.4	.4	.2	.3	.9	.2	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.5	.7	.9	.4	.4	.2	.3	.8	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
275.	*	.5	.8	.9	.5	.5	.4	.5	.8	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
280.	*	.5	.9	.9	.5	.4	.4	.7	.7	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
285.	*	.5	.9	.8	.5	.7	.7	.7	.6	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
290.	*	.5	.9	.9	.4	.7	.8	.8	.6	.1	.2	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
295.	*	.5	.9	.9	.4	.8	.9	.6	.5	.1	.1	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
300.	*	.5	.8	.7	.4	.9	.7	.8	.5	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
305.	*	.5	.8	.7	.4	.8	.7	.8	.5	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
310.	*	.5	.8	.6	.5	.8	.7	.8	.5	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
315.	*	.6	.9	.6	.7	.9	.6	.8	.5	.1	.2	.4	.3	.3	.5	.0	.0	.0	.0	.0	.0
320.	*	.6	.7	.5	.7	.7	.8	.8	.5	.1	.2	.4	.4	.4	.6	.0	.0	.0	.0	.0	.0
325.	*	.6	.7	.4	.8	.7	.8	.8	.5	.1	.1	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
330.	*	.7	.6	.6	.9	.7	.8	.8	.5	.1	.1	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
335.	*	.6	.5	.6	.9	.6	.8	.7	.4	.1	.1	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.5	.5	.6	.8	.6	.7	.7	.4	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	*	.6	.4	.6	.8	.8	.7	.7	.4	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
350.	*	.4	.6	.6	.8	.8	.8	.7	.4	.0	.1	.2	.2	.2	.5	.0	.0	.0	.0	.0	.0
355.	*	.4	.6	.6	.9	.8	.7	.7	.4	.0	.1	.1	.1	.1	.3	.0	.1	.1	.1	.0	.0
360.	*	.3	.4	.6	.8	.5	.7	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0
MAX		.7	.9	1.1	1.0	.9	.9	.8	1.6	1.2	.9	1.0	.8	.7	.7	.3	.5	.9	.8	.9	.9
DEGR.		330	280	255	230	300	295	290	240	215	210	210	185	215	190	20	170	120	165	140	115

1

JOB: S11 NB30 PM

RUN: S11 MD 355 & MID NB30PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.6	.7	.9	.7	.5	.3	.3
5.	*	.0	.5	.8	.9	.6	.3	.4	.5
10.	*	.0	.5	.7	.9	.6	.4	.4	.4
15.	*	.1	.5	.6	.9	.5	.5	.5	.4
20.	*	.1	.5	.6	.9	.6	.6	.4	.4
25.	*	.1	.5	.6	.8	.5	.5	.6	.5
30.	*	.1	.4	.4	.6	.5	.5	.6	.6
35.	*	.2	.2	.5	.5	.8	.6	.5	.6
40.	*	.2	.2	.4	.5	.8	.6	.5	.6
45.	*	.1	.3	.5	.5	.7	.6	.5	.4
50.	*	.4	.2	.4	.6	.6	.6	.5	.4
55.	*	.5	.2	.3	.4	.6	.5	.5	.3
60.	*	.6	.2	.3	.4	.5	.5	.5	.3
65.	*	.7	.1	.3	.4	.5	.5	.4	.3
70.	*	.8	.1	.2	.3	.5	.4	.4	.3
75.	*	.8	.1	.2	.2	.4	.4	.4	.3
80.	*	.9	.1	.2	.2	.4	.4	.4	.3
85.	*	.8	.1	.2	.3	.4	.4	.4	.3
90.	*	.8	.1	.2	.3	.3	.4	.4	.3
95.	*	.8	.1	.2	.3	.3	.4	.4	.3
100.	*	.7	.1	.2	.2	.3	.4	.4	.3
105.	*	.7	.1	.2	.2	.3	.4	.4	.3
110.	*	.8	.1	.1	.2	.3	.4	.4	.3
115.	*	.8	.1	.1	.3	.3	.4	.4	.3
120.	*	.8	.1	.1	.3	.3	.4	.4	.3
125.	*	.8	.1	.1	.3	.3	.4	.4	.3
130.	*	.7	.1	.1	.3	.4	.4	.4	.3
135.	*	.7	.1	.1	.3	.4	.4	.4	.3
140.	*	.7	.1	.1	.2	.4	.5	.5	.4
145.	*	.7	.1	.2	.2	.4	.5	.4	.4
150.	*	.8	.1	.2	.2	.4	.5	.4	.4
155.	*	.8	.1	.2	.2	.5	.5	.4	.4
160.	*	.8	.1	.2	.2	.4	.4	.4	.4
165.	*	.8	.1	.2	.2	.4	.4	.4	.4
170.	*	.8	.1	.2	.2	.4	.4	.4	.4
175.	*	.8	.1	.1	.2	.4	.4	.4	.4
180.	*	.8	.1	.1	.1	.2	.3	.3	.2
185.	*	.7	.0	.1	.1	.1	.2	.2	.2
190.	*	.7	.0	.0	.0	.1	.1	.1	.1
195.	*	.8	.0	.0	.0	.0	.0	.0	.0
200.	*	.7	.0	.0	.0	.0	.0	.0	.0
205.	*	.6	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 NB30 PM

RUN: S11 MD 355 & MID NB30PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.6	.0	.0	.0	.0	.0	.0	.0
215.	*	.5	.1	.1	.1	.1	.0	.0	.0
220.	*	.4	.2	.2	.3	.1	.0	.0	.0
225.	*	.4	.2	.3	.4	.2	.1	.0	.0
230.	*	.2	.3	.5	.7	.4	.1	.1	.0
235.	*	.1	.4	.6	.8	.7	.3	.1	.0
240.	*	.0	.5	.6	.9	.7	.5	.1	.0
245.	*	.0	.5	.7	.8	.7	.5	.2	.0
250.	*	.0	.6	.8	.8	.6	.4	.3	.0
255.	*	.0	.6	.8	.8	.7	.4	.3	.1
260.	*	.0	.6	.8	.7	.8	.4	.3	.1
265.	*	.0	.6	.7	.7	.7	.4	.2	.1
270.	*	.0	.5	.7	.8	.7	.4	.2	.1
275.	*	.0	.5	.6	.7	.7	.4	.2	.1
280.	*	.0	.5	.6	.7	.6	.4	.2	.1
285.	*	.0	.5	.5	.7	.6	.4	.2	.1
290.	*	.0	.5	.5	.8	.6	.4	.3	.1
295.	*	.0	.5	.5	.8	.6	.5	.3	.1
300.	*	.0	.5	.6	.8	.6	.5	.3	.1
305.	*	.0	.5	.6	.7	.6	.5	.2	.1
310.	*	.0	.5	.6	.7	.6	.5	.2	.1
315.	*	.0	.5	.6	.7	.6	.5	.2	.1
320.	*	.0	.5	.6	.7	.5	.4	.2	.1
325.	*	.0	.5	.6	.7	.5	.4	.2	.1
330.	*	.0	.5	.6	.7	.5	.4	.3	.1
335.	*	.0	.5	.6	.7	.6	.4	.3	.1
340.	*	.0	.6	.6	.7	.6	.4	.3	.1
345.	*	.0	.6	.6	.7	.6	.4	.3	.1
350.	*	.0	.6	.6	.7	.6	.4	.3	.1
355.	*	.0	.6	.6	.6	.7	.5	.4	.2
360.	*	.0	.6	.7	.9	.7	.5	.3	.3
MAX DEGR.	*	.9	.6	.8	.9	.8	.6	.6	.6
		80	0	5	0	35	20	25	30

S11NB30P.OUT
THE HIGHEST CONCENTRATION IS 1.60 PPM AT 240 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 255 DEGREES FROM REC3 .

S11B130A.DAT

S11 B130 AM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B130AM		43 1 0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	1300 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.	1300 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.	1300 2.9 0. 56. 40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.	1300 2.9 0. 68. 40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4	
150	104		2.0 1300 29.1 1646 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	1225 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	1225 2.9 0. 44. 40.	
0	2	WB MID T&LAG	244764.551724.244971.551813.	1725 2.9 0. 56. 40.	
0	150	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3	
0	102		2.0 1725 29.1 1770 3 3		
0	1	WB MID T&LAG	244971.551813.245175.551854.	1725 2.9 0. 56. 40.	
0	1	WB MID T&LAG	245175.551854.245531.551852.	1725 2.9 0. 44. 40.	
0	1	WB MID T&LAG	245531.551852.245735.551843.	1725 2.9 0. 44. 40.	
0	1	WB MID R	AG244791.551838.244832.551790.	225 2.9 0. 32. 40.	
0	1	WB MID R	AG244832.551790.244985.551839.	225 2.9 0. 32. 40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.	1575 2.9 0. 56. 40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.	1575 2.9 0. 56. 40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.	1575 2.9 0. 56. 40.	
0	2	NB 355L	AG244750.551678.244742.551222.	75 2.9 0. 44. 40.	
0	150	NB 355L	AG244748.551582.244745.551403.	0. 24. 2	
0	139		2.0 75 29.1 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	475 2.9 0. 56. 40.	
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3	
0	150		2.0 475 29.1 1707 2 3		
0	1	NB 355	ALLAG244764.551223.244752.550687.	550 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.	675 2.9 0. 56. 40.	
0	2	SB 355 L	AG244752.551692.244747.552001.	75 2.9 0. 44. 40.	
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2	

S11B130A.DAT

	150	139	2.0	75	29.1	1717	2	3	
1									
0	1	SB 355 L	AG244747.552001.244730.552106.		75	2.9	0.	44.	40.
0	1	SB 355 T	AG244715.551687.244716.551928.	1900	2.9	0.	68.	40.	
0	2	SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0	150	105	2.0	1900	29.1	1667	2	3	
1									
0	1	SB 355 T	AG244716.551928.244708.552103.	1900	2.9	0.	68.	40.	
0	1	SB 355 All	AG244718.552109.244647.552356.	1975	2.9	0.	56.	40.	
0	1	SB 355 All	AG244647.552356.244553.552665.	1975	2.9	0.	56.	40.	
0	1	SB 355 dp	AG244693.550687.244714.551685.	2300	2.9	0.	56.	40.	
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B130 AM
DATE: 12/20/2006 TIME: 15:28:53.28

RUN: S11 MD 355 & MID B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1300.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1300.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1300.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1300.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244540.1	551463.3	*	185.	229. AG	216.	100.0	.0	48.0	.71 9.4
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1225.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1225.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1225.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1225.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1225.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1225.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1225.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1225.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1225.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1225.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1725.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245752.0	552144.6	*	994.	67. AG	159.	100.0	.0	36.0	1.11 50.5
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1725.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1725.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1725.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1575.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1575.	2.9	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1575.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	75.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.5	551553.9	*	28.	181. AG	145.	100.0	.0	24.0	.46 1.4
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	475.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244774.9	551509.3	*	91.	181. AG	164.	100.0	.0	36.0	.34 4.6
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	550.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	675.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	675.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	675.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	675.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	75.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.5	551810.1	*	28.	359. AG	145.	100.0	.0	24.0	.46 1.4
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	75.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	1900.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244718.3	552301.8	*	541.	0. AG	219.	100.0	.0	48.0	1.04 27.5
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	1900.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	1975.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	1975.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2300.	2.9	.0	56.0	

JOB: S11 B130 AM
DATE: 12/20/2006 TIME: 15:28:53.28

RUN: S11 MD 355 & MID B130AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	104	2.0	1300	1646	29.10	2	3
17. 0	WB 355T&L	* 150	102	2.0	1725	1770	29.10	3	3
27. 0	NB 355L	* 150	139	2.0	75	1717	29.10	2	3
29. 0	NB 355T	* 150	105	2.0	475	1707	29.10	2	3
36. 0	SB 355L	* 150	139	2.0	75	1717	29.10	2	3
39. 0	SB 355T	* 150	105	2.0	1900	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11B130A.OUT

1

JOB: S11 B130 AM

RUN: S11 MD 355 & MID B130AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.2	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0
5.	*	.1	.2	.2	.4	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.2	.1
10.	*	.1	.1	.1	.4	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.3	.5	.6	.2	.1
15.	*	.1	.1	.1	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.4	.5	.6	.3	.2
20.	*	.1	.1	.1	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.1	.5	.6	.7	.3	.2
25.	*	.1	.1	.1	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.4	.2
30.	*	.1	.1	.1	.5	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.2	.5	.7	.6	.4	.2
35.	*	.1	.1	.2	.4	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.2	.5	.7	.6	.4	.3
40.	*	.1	.1	.2	.2	.6	.5	.5	.7	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.3	.3
45.	*	.0	.1	.2	.2	.6	.5	.3	.8	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.3	.3
50.	*	.0	.1	.1	.2	.5	.2	.3	1.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.4	.4
55.	*	.0	.1	.1	.2	.4	.2	.4	1.1	.1	.1	.0	.0	.0	.0	.4	.5	.5	.6	.3	.3
60.	*	.0	.0	.1	.2	.2	.2	.4	1.2	.1	.1	.1	.0	.0	.0	.4	.5	.5	.6	.5	.4
65.	*	.0	.0	.1	.1	.1	.1	.4	1.3	.2	.2	.1	.0	.0	.0	.4	.5	.6	.7	.5	.4
70.	*	.0	.0	.0	.1	.1	.1	.3	1.3	.3	.3	.2	.1	.0	.0	.4	.5	.6	.6	.5	.4
75.	*	.0	.0	.0	.0	.0	.0	.1	1.2	.3	.3	.3	.1	.0	.0	.4	.6	.6	.7	.5	.4
80.	*	.0	.0	.0	.0	.0	.0	.0	1.1	.4	.4	.3	.1	.1	.0	.4	.6	.7	.5	.2	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.9	.4	.4	.4	.2	.1	.0	.4	.6	.7	.5	.3	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.5	.4	.2	.1	.0	.4	.6	.7	.3	.2	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.6	.4	.2	.1	.0	.5	.6	.7	.4	.2	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.6	.5	.4	.4	.2	.1	.1	.5	.6	.7	.4	.2	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.7	.6	.4	.4	.2	.1	.1	.5	.6	.8	.2	.2	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.6	.5	.4	.5	.2	.1	.1	.5	.6	.8	.2	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.3	.1	.1	.4	.6	.8	.2	.4	.7
120.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	.4	.6	.7	.2	.4	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	.5	.6	.5	.2	.5	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.5	.6	.5	.3	.5	.7
135.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.5	.5	.4	.4	.5	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.5	.5	.4	.4	.5	.6
145.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.4	.4	.3	.3	.5	.6
150.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.3	.1	.1	.4	.4	.3	.3	.5	.6
155.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.3	.1	.1	.4	.3	.4	.4	.6	.6
160.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.3	.1	.1	.2	.4	.3	.5	.6	.6
165.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.3	.2	.1	.1	.2	.3	.2	.4	.6	.6
170.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.2	.3	.2	.4	.6	.6
175.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.1	.2	.2	.2	.5	.6	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.2	.1	.2	.0	.2	.2	.5	.6	.4
185.	*	.0	.1	.1	.1	.0	.0	.0	.5	.4	.4	.3	.3	.1	.3	.0	.2	.2	.5	.5	.4
190.	*	.0	.1	.1	.2	.0	.0	.0	.5	.4	.4	.4	.2	.1	.4	.0	.1	.1	.4	.3	.3
195.	*	.1	.1	.1	.2	.0	.0	.0	.5	.4	.4	.4	.1	.2	.6	.0	.1	.1	.3	.4	.3
200.	*	.1	.1	.1	.2	.1	.0	.0	.6	.4	.5	.4	.2	.3	.6	.0	.0	.1	.3	.4	.2
205.	*	.1	.1	.1	.3	.1	.0	.0	.6	.4	.5	.4	.3	.4	.6	.0	.0	.1	.2	.3	.2

1

JOB: S11 B130 AM

RUN: S11 MD 355 & MID B130AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.3	.1	.1	.0	.7	.5	.5	.4	.2	.4	.6	.0	.0	.0	.2	.3	.3
215.	*	.1	.1	.2	.3	.1	.1	.0	.7	.5	.6	.3	.3	.3	.6	.0	.0	.0	.2	.2	.3
220.	*	.1	.1	.2	.4	.2	.1	.0	.8	.4	.5	.2	.4	.4	.6	.0	.0	.0	.0	.1	.1
225.	*	.1	.1	.2	.4	.2	.1	.0	.9	.5	.4	.2	.3	.4	.6	.0	.0	.0	.0	.1	.1
230.	*	.1	.1	.3	.5	.3	.2	.0	1.1	.5	.4	.3	.3	.4	.6	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.3	.6	.3	.2	.0	1.2	.4	.3	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1
240.	*	.1	.1	.4	.7	.3	.2	.0	1.3	.3	.3	.2	.4	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.5	.5	.3	.1	.0	1.3	.2	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.5	.5	.2	.1	.0	1.3	.2	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.6	.5	.1	.1	.0	1.3	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	*	.1	.2	.6	.3	.3	.2	.1	1.2	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
265.	*	.1	.2	.8	.3	.2	.2	.1	1.0	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.1	.2	.8	.4	.2	.2	.2	.9	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
275.	*	.1	.3	.8	.3	.2	.4	.2	.8	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
280.	*	.1	.3	.8	.2	.2	.5	.4	.7	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.7	.2	.3	.3	.6	.6	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
290.	*	.1	.4	.7	.4	.4	.3	.6	.6	.1	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0
295.	*	.1	.4	.7	.3	.5	.4	.6	.5	.1	.2	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.5	.3	.5	.6	.6	.5	.1	.2	.2	.4	.4	.5	.0	.0	.0	.0	.0	.0
305.	*	.2	.3	.4	.5	.6	.7	.6	.4	.1	.2	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
310.	*	.2	.4	.3	.4	.6	.7	.6	.4	.1	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0
315.	*	.2	.4	.3	.4	.7	.7	.6	.4	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0
320.	*	.2	.3	.3	.5	.7	.7	.5	.4	.1	.2	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0
325.	*	.2	.4	.2	.5	.7	.6	.5	.4	.1	.1	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0
330.	*	.2	.5	.3	.7	.7	.6	.5	.4	.0	.1	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0
335.	*	.2	.3	.3	.7	.7	.5	.4	.4	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
340.	*	.2	.4	.3	.6	.6	.5	.4	.4	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
345.	*	.2	.3	.2	.6	.4	.4	.5	.4	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
350.	*	.1	.3	.2	.5	.4	.5	.5	.4	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0
355.	*	.1	.3	.2	.5	.3	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0
360.	*	.1	.2	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0
MAX		.2	.5	.8	.7	.7	.7	.6	1.3	.6	.6	.5	.4	.4	.6	.5	.6	.8	.7	.6	.7
DEGR.	*	305	330	265	240	315	305	285	240	105	95	110	220	205	195	95	75	105	20	155	115

1

JOB: S11 B130 AM

RUN: S11 MD 355 & MID B130AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.4	.7	.8	.6	.3	.3
5.	.0	.1	.4	.7	.8	.6	.4	.4
10.	.0	.2	.5	.9	.8	.5	.4	.3
15.	.1	.2	.5	.9	.6	.4	.4	.4
20.	.1	.3	.5	.9	.5	.5	.5	.3
25.	.1	.3	.5	.7	.5	.4	.5	.4
30.	.1	.2	.5	.7	.5	.4	.4	.3
35.	.1	.1	.5	.6	.4	.4	.4	.3
40.	.2	.2	.5	.5	.4	.4	.3	.3
45.	.2	.2	.3	.5	.4	.4	.3	.2
50.	.4	.1	.4	.4	.4	.4	.3	.2
55.	.3	.1	.3	.3	.4	.4	.3	.2
60.	.5	.0	.2	.3	.4	.3	.2	.2
65.	.5	.0	.1	.3	.4	.2	.2	.2
70.	.5	.0	.1	.2	.3	.2	.2	.2
75.	.4	.0	.1	.1	.3	.2	.2	.2
80.	.3	.0	.1	.1	.3	.2	.2	.2
85.	.2	.0	.1	.1	.2	.2	.2	.2
90.	.2	.0	.1	.1	.2	.2	.2	.2
95.	.3	.0	.1	.1	.2	.2	.2	.2
100.	.2	.0	.1	.1	.2	.2	.2	.2
105.	.2	.0	.1	.1	.2	.2	.2	.2
110.	.2	.0	.1	.1	.2	.2	.2	.2
115.	.3	.0	.1	.1	.2	.2	.2	.2
120.	.3	.0	.1	.1	.2	.2	.2	.2
125.	.1	.0	.1	.1	.2	.2	.2	.2
130.	.1	.0	.1	.1	.2	.2	.2	.2
135.	.1	.0	.1	.1	.2	.2	.2	.2
140.	.1	.0	.1	.1	.2	.2	.2	.2
145.	.1	.0	.1	.1	.2	.2	.2	.2
150.	.1	.0	.1	.1	.2	.2	.2	.2
155.	.1	.0	.1	.1	.2	.3	.3	.2
160.	.2	.0	.1	.1	.2	.3	.3	.3
165.	.2	.0	.1	.1	.2	.3	.3	.3
170.	.2	.0	.0	.1	.2	.3	.3	.2
175.	.3	.0	.0	.1	.2	.2	.2	.2
180.	.3	.0	.0	.0	.1	.2	.2	.2
185.	.3	.0	.0	.0	.1	.1	.1	.1
190.	.3	.0	.0	.0	.1	.1	.1	.1
195.	.2	.0	.0	.0	.0	.1	.1	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 B130 AM

RUN: S11 MD 355 & MID B130AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.1	.0	.0	.0	.0	.0	.0	.0
220.	.1	.0	.0	.0	.0	.0	.0	.0
225.	.0	.2	.1	.0	.0	.0	.0	.0
230.	.0	.2	.1	.1	.0	.0	.0	.0
235.	.0	.1	.2	.2	.0	.0	.0	.0
240.	.0	.2	.2	.2	.0	.0	.0	.0
245.	.0	.2	.2	.2	.1	.0	.0	.0
250.	.0	.2	.2	.2	.1	.0	.0	.0
255.	.0	.2	.1	.1	.2	.0	.0	.0
260.	.0	.2	.2	.1	.2	.0	.0	.0
265.	.0	.2	.2	.1	.4	.0	.0	.0
270.	.0	.2	.2	.1	.5	.0	.0	.0
275.	.0	.2	.1	.3	.6	.0	.0	.0
280.	.0	.2	.1	.3	.6	.1	.0	.0
285.	.0	.2	.1	.3	.6	.1	.0	.0
290.	.0	.2	.1	.4	.6	.1	.0	.0
295.	.0	.2	.1	.3	.6	.2	.0	.0
300.	.0	.2	.1	.5	.6	.2	.0	.0
305.	.0	.2	.1	.5	.6	.2	.0	.0
310.	.0	.2	.2	.6	.5	.3	.1	.0
315.	.0	.2	.2	.6	.5	.4	.1	.0
320.	.0	.2	.2	.6	.5	.4	.1	.0
325.	.0	.2	.2	.6	.5	.4	.2	.0
330.	.0	.2	.2	.7	.5	.4	.2	.0
335.	.0	.2	.2	.7	.5	.4	.2	.0
340.	.0	.2	.2	.7	.5	.4	.2	.1
345.	.0	.2	.3	.6	.6	.4	.2	.1
350.	.0	.2	.3	.6	.7	.4	.4	.2
355.	.0	.2	.4	.7	.7	.5	.4	.3
360.	.0	.1	.4	.7	.8	.6	.3	.3

MAX DEGR.	60	20	10	10	0	0	20	5
	.5	.3	.5	.9	.8	.6	.5	.4

S11B130A.OUT
THE HIGHEST CONCENTRATION IS 1.30 PPM AT 240 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC24.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 265 DEGREES FROM REC3 .

S11B130P.DAT

S11 B130 PM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B130PM		43 1 0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	1750 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.	1750 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.	1750 2.9 0. 56. 40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.	1750 2.9 0. 68. 40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4	
150	110		2.0 1750 29.1 1645 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	2500 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	2500 2.9 0. 44. 40.	
0	2	WB MID T&LAG	AG244764.551724.244971.551813.	1900 2.9 0. 56. 40.	
0	150	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3	
0	102		2.0 1900 29.1 1707 3 3		
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1900 2.9 0. 56. 40.	
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1900 2.9 0. 44. 40.	
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1900 2.9 0. 44. 40.	
0	1	WB MID R	AG244791.551838.244832.551790.	225 2.9 0. 32. 40.	
0	1	WB MID R	AG244832.551790.244985.551839.	225 2.9 0. 32. 40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.	1900 2.9 0. 56. 40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.	1900 2.9 0. 56. 40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.	1900 2.9 0. 56. 40.	
0	2	NB 355L	AG244750.551678.244742.551222.	250 2.9 0. 44. 40.	
0	150	NB 355L	AG244748.551582.244745.551403.	0. 24. 2	
0	130		2.0 250 29.1 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	2225 2.9 0. 56. 40.	
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3	
0	150		2.0 2225 29.1 1707 2 3		
0	1	NB 355 All	AG244764.551223.244752.550687.	2475 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.	2275 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.	2275 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.	2275 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.	2275 2.9 0. 56. 40.	
0	2	SB 355 L	AG244752.551692.244747.552001.	700 2.9 0. 44. 40.	
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2	

S11B130P.DAT

	150	128	2.0	700	29.1	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		700	2.9	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		225	2.9	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0	150	108	2.0	225	29.1	1667	2	3	
0	1								
		SB 355 T	AG244716.551928.244708.552103.		225	2.9	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		925	2.9	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		925	2.9	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		600	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B130 PM
DATE: 12/20/2006 TIME: 15:57:36.13

RUN: S11 MD 355 & MID B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1750.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1750.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1750.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1750.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244107.0	551089.2	*	757.	229. AG	229.	100.0	.0	48.0	1.11 38.5
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2500.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2500.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2500.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2500.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2500.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2500.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2500.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2500.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2500.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2500.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1900.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	246493.1	552459.4	*	1799.	67. AG	159.	100.0	.0	36.0	1.27 91.4
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1900.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1900.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1900.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1900.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1900.	2.9	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1900.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	250.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244746.5	551493.2	*	89.	181. AG	135.	100.0	.0	24.0	.68 4.5
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	2225.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244686.3	547770.2	*	3831.	181. AG	172.	100.0	.0	36.0	1.81 194.6
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	2475.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	2275.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	2275.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	2275.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	2275.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	700.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244717.6	553526.3	*	1745.	359. AG	133.	100.0	.0	24.0	1.70 88.6
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	700.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	225.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244715.2	551794.1	*	33.	0. AG	225.	100.0	.0	48.0	.13 1.7
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	225.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	925.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	925.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	600.	2.9	.0	56.0	

JOB: S11 B130 PM
DATE: 12/20/2006 TIME: 15:57:36.13

RUN: S11 MD 355 & MID B130PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	110	2.0	1750	1645	29.10	2	3
17. 0	WB 355T&L	* 150	102	2.0	1900	1707	29.10	3	3
27. 0	NB 355L	* 150	130	2.0	250	1717	29.10	2	3
29. 0	NB 355T	* 150	110	2.0	2225	1707	29.10	2	3
36. 0	SB 355L	* 150	128	2.0	700	1717	29.10	2	3
39. 0	SB 355T	* 150	108	2.0	225	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11B130P.OUT

1

JOB: S11 B130 PM

RUN: S11 MD 355 & MID B130PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.5	.6	.8	.6	.5	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1
5.	.2	.4	.5	.7	.5	.7	.7	.4	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1
10.	.1	.3	.4	.6	.5	.7	.7	.4	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1
15.	.1	.1	.4	.7	.4	.7	.7	.5	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.1
20.	.1	.1	.3	.7	.4	.7	.7	.5	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.1
25.	.1	.1	.3	.5	.7	.7	.5	.5	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.1	.1
30.	.1	.1	.2	.5	.7	.5	.5	.6	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.1	.1
35.	.1	.1	.2	.5	.7	.5	.5	.7	.0	.0	.0	.0	.0	.1	.2	.3	.4	.2	.1	.1
40.	.1	.1	.4	.6	.8	.5	.7	.8	.0	.0	.0	.0	.0	.1	.3	.3	.5	.3	.2	.2
45.	.1	.1	.2	.7	.6	.8	.7	.9	.0	.0	.0	.0	.0	.2	.3	.2	.5	.3	.2	.2
50.	.1	.1	.2	.7	.6	.7	.7	1.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.4	.2	.2
55.	.0	.1	.2	.4	.5	.7	.5	1.2	.1	.1	.1	.0	.0	.2	.2	.3	.5	.5	.3	.3
60.	.0	.1	.1	.4	.6	.4	.5	1.3	.2	.1	.1	.0	.0	.2	.2	.3	.6	.5	.4	.4
65.	.0	.1	.1	.2	.6	.5	.4	1.4	.3	.2	.2	.1	.0	.2	.2	.4	.6	.5	.4	.4
70.	.0	.0	.1	.1	.1	.3	.4	1.3	.3	.3	.3	.1	.1	.0	.2	.3	.8	.4	.6	.6
75.	.0	.0	.0	.1	.1	.1	.5	1.2	.4	.4	.3	.2	.1	.0	.2	.2	.7	.7	.5	.5
80.	.0	.0	.0	.0	.0	.0	.4	1.1	.4	.4	.3	.2	.1	.0	.3	.2	.6	.5	.4	.4
85.	.0	.0	.0	.0	.0	.0	.2	.9	.4	.4	.4	.2	.1	.1	.3	.2	.5	.5	.5	.5
90.	.0	.0	.0	.0	.0	.0	.0	.7	.5	.6	.4	.2	.1	.1	.3	.3	.6	.5	.6	.6
95.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.8	.4	.2	.1	.1	.3	.3	.4	.6	.5	.6
100.	.0	.0	.0	.0	.0	.0	.0	.7	.5	.7	.4	.2	.1	.1	.2	.3	.4	.5	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.6	.2	.1	.1	.2	.3	.4	.3	.5	.7
110.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.7	.3	.1	.1	.2	.3	.5	.4	.5	.8
115.	.0	.0	.0	.0	.0	.0	.0	.9	.6	.6	.7	.3	.1	.1	.3	.3	.5	.4	.4	.9
120.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.6	.3	.1	.1	.3	.3	.7	.4	.5	.8
125.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.6	.4	.1	.1	.3	.3	.5	.4	.6	.8
130.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.4	.1	.1	.3	.3	.5	.3	.6	.8
135.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.4	.1	.1	.2	.2	.3	.7	.8	.8
140.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.4	.1	.1	.2	.3	.4	.8	.6	.6
145.	.0	.0	.0	.0	.0	.0	.0	.6	.4	.6	.5	.3	.1	.1	.1	.2	.3	.5	.7	.7
150.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.3	.3	.1	.1	.1	.2	.4	.6	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.1	.1	.2	.3	.4	.6	.8	.7
160.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.1	.1	.2	.3	.5	.7	.7	.8
165.	.0	.1	.1	.0	.0	.0	.0	.6	.6	.7	.5	.2	.1	.1	.1	.3	.5	.8	.7	.8
170.	.1	.1	.1	.1	.0	.0	.0	.6	.6	.6	.6	.5	.2	.3	.1	.3	.5	.7	.7	.8
175.	.2	.2	.2	.2	.1	.0	.0	.6	.6	.7	.6	.6	.2	.3	.3	.3	.4	.7	.7	.7
180.	.4	.4	.6	.4	.1	.1	.0	.6	.7	.7	.7	.7	.4	.6	.2	.3	.4	.6	.6	.7
185.	.5	.6	.6	.5	.2	.1	.1	.7	.7	.8	.9	.7	.4	.6	.2	.2	.4	.5	.6	.7
190.	.5	.7	.7	.6	.2	.1	.8	.8	.8	.8	.9	.8	.4	.7	.1	.3	.3	.6	.6	.6
195.	.6	.7	.8	.6	.2	.2	.1	.8	.8	.8	.7	.5	.4	.7	.1	.2	.2	.5	.7	.7
200.	.6	.7	.7	.7	.2	.2	.1	.8	.8	.9	.8	.4	.4	.5	.1	.2	.2	.5	.6	.6
205.	.6	.6	.7	.7	.3	.2	.1	.9	.7	.9	.8	.4	.3	.6	.1	.2	.2	.5	.6	.7

1

JOB: S11 B130 PM

RUN: S11 MD 355 & MID B130PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.6	.6	.6	.7	.3	.2	.1	.9	.8	.9	.7	.4	.4	.6	.0	.1	.2	.5	.6	.7
215.	.6	.6	.6	.8	.3	.3	.1	.9	1.1	.9	.5	.5	.5	.6	.0	.1	.1	.5	.5	.6
220.	.5	.6	.6	.7	.4	.2	.1	1.0	.9	.9	.5	.6	.5	.5	.0	.1	.1	.3	.5	.6
225.	.4	.6	.8	.8	.4	.3	.1	1.4	.8	.7	.4	.5	.5	.5	.0	.0	.1	.2	.3	.3
230.	.4	.6	.8	.9	.5	.3	.2	1.4	.8	.5	.4	.4	.4	.5	.0	.0	.0	.1	.2	.2
235.	.4	.6	.9	.9	.5	.4	.2	1.5	.4	.4	.4	.3	.3	.4	.0	.0	.0	.0	.1	.2
240.	.4	.6	1.0	.9	.6	.4	.2	1.6	.4	.4	.4	.3	.3	.4	.0	.0	.0	.0	.0	.0
245.	.4	.6	1.0	.8	.5	.4	.2	1.4	.3	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
250.	.4	.6	.9	.6	.6	.5	.1	1.3	.1	.2	.3	.2	.3	.5	.0	.0	.0	.0	.0	.0
255.	.6	.6	1.1	.5	.5	.3	.1	1.2	.2	.2	.3	.2	.3	.5	.0	.0	.0	.0	.0	.0
260.	.6	.6	1.0	.4	.5	.3	.4	1.1	.2	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
265.	.5	.6	1.0	.4	.4	.2	.3	1.0	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
270.	.5	.6	1.0	.4	.4	.2	.3	.8	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
275.	.5	.6	.9	.5	.4	.4	.5	.8	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
280.	.5	.7	.8	.5	.4	.4	.7	.8	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
285.	.5	.7	.7	.5	.5	.6	.7	.7	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0
290.	.5	.8	.7	.4	.6	.8	.8	.6	.1	.1	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
295.	.5	.8	.8	.4	.7	.9	.6	.6	.1	.1	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
300.	.5	.8	.8	.4	.8	.7	.8	.6	.1	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
305.	.5	.9	.7	.4	.8	.7	.8	.5	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
310.	.5	.9	.6	.4	.6	.6	.8	.5	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
315.	.5	.9	.6	.4	.7	.6	.8	.5	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
320.	.6	.6	.4	.5	.7	.6	.8	.5	.1	.1	.4	.3	.4	.5	.0	.0	.0	.0	.0	.0
325.	.6	.6	.3	.6	.7	.6	.8	.5	.1	.1	.4	.3	.4	.5	.0	.0	.0	.0	.0	.0
330.	.7	.6	.5	.6	.6	.6	.8	.5	.1	.1	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
335.	.6	.6	.4	.6	.6	.6	.7	.5	.1	.1	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0
340.	.6	.5	.5	.6	.6	.5	.8	.4	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	.5	.4	.6	.6	.8	.5	.7	.4	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
350.	.4	.4	.6	.8	.8	.6	.7	.4	.1	.1	.2	.2	.2	.4	.0	.0	.0	.0	.0	.0
355.	.4	.6	.6	.9	.8	.6	.7	.4	.0	.1	.2	.2	.3	.0	.1	.1	.1	.1	.1	.0
360.	.3	.5	.6	.8	.6	.5	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1
MAX	.7	.9	1.1	.9	.8	.9	.8	1.6	1.1	.9	.9	.8	.5	.7	.3	.3	.7	.8	.8	.9
DEGR.	330	305	255	230	40	295	290	240	215	210	185	190	215	190	15	40	120	70	140	115

1

JOB: S11 B130 PM

RUN: S11 MD 355 & MID B130PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.5	.8	.7	.7	.4	.3	.3
5.	.0	.4	.9	.8	.6	.4	.2	.4
10.	.1	.5	.7	.8	.6	.4	.4	.4
15.	.1	.5	.6	.8	.5	.5	.5	.4
20.	.1	.5	.6	.8	.4	.5	.4	.4
25.	.1	.5	.6	.8	.3	.5	.6	.5
30.	.1	.3	.4	.5	.4	.5	.6	.6
35.	.2	.2	.5	.5	.7	.6	.5	.7
40.	.2	.3	.4	.4	.6	.6	.5	.7
45.	.1	.3	.4	.6	.6	.6	.5	.5
50.	.3	.3	.4	.5	.5	.6	.5	.5
55.	.4	.2	.3	.4	.6	.5	.5	.4
60.	.6	.2	.3	.4	.5	.5	.5	.3
65.	.7	.1	.3	.4	.5	.4	.3	.3
70.	.8	.1	.2	.4	.5	.3	.3	.3
75.	.9	.1	.2	.2	.4	.3	.3	.3
80.	.7	.1	.2	.2	.4	.3	.3	.3
85.	.8	.1	.2	.3	.4	.3	.3	.3
90.	.7	.1	.2	.3	.3	.3	.3	.3
95.	.7	.1	.2	.3	.3	.3	.3	.3
100.	.7	.1	.2	.2	.3	.3	.3	.3
105.	.7	.1	.2	.2	.3	.3	.3	.3
110.	.7	.1	.1	.2	.3	.3	.3	.3
115.	.8	.1	.1	.3	.3	.3	.3	.3
120.	.8	.1	.1	.3	.3	.3	.3	.3
125.	.8	.1	.1	.3	.3	.4	.4	.3
130.	.7	.1	.1	.3	.3	.4	.4	.4
135.	.6	.1	.2	.2	.3	.4	.4	.4
140.	.6	.1	.2	.2	.3	.5	.5	.5
145.	.7	.1	.3	.2	.3	.5	.5	.5
150.	.7	.1	.3	.3	.4	.5	.5	.5
155.	.8	.1	.3	.3	.5	.6	.5	.5
160.	.8	.1	.2	.3	.5	.5	.5	.5
165.	.8	.1	.2	.3	.5	.5	.5	.5
170.	.8	.1	.2	.2	.4	.5	.5	.5
175.	.8	.1	.1	.2	.4	.5	.5	.4
180.	.7	.1	.1	.1	.2	.4	.4	.2
185.	.7	.0	.1	.1	.1	.2	.2	.2
190.	.7	.0	.0	.0	.1	.1	.1	.1
195.	.7	.0	.0	.0	.0	.0	.0	.0
200.	.6	.0	.0	.0	.0	.0	.0	.0
205.	.6	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 B130 PM

RUN: S11 MD 355 & MID B130PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.6	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.1	.0	.0	.0	.0
220.	.4	.1	.2	.2	.1	.0	.0	.0
225.	.2	.2	.2	.3	.2	.0	.0	.0
230.	.1	.2	.4	.7	.3	.1	.0	.0
235.	.1	.3	.5	.8	.5	.2	.1	.0
240.	.0	.3	.6	.9	.7	.2	.1	.0
245.	.0	.3	.7	.8	.6	.3	.1	.0
250.	.0	.4	.7	.8	.6	.3	.2	.0
255.	.0	.4	.8	.8	.6	.3	.2	.0
260.	.0	.5	.8	.7	.7	.3	.2	.0
265.	.0	.5	.7	.7	.7	.4	.2	.1
270.	.0	.5	.7	.8	.7	.4	.2	.1
275.	.0	.5	.7	.8	.7	.4	.2	.1
280.	.0	.5	.6	.7	.7	.3	.2	.1
285.	.0	.5	.5	.7	.6	.3	.2	.1
290.	.0	.5	.5	.7	.6	.4	.2	.1
295.	.0	.5	.5	.8	.6	.4	.2	.1
300.	.0	.5	.6	.7	.6	.5	.2	.1
305.	.0	.5	.6	.7	.6	.5	.2	.1
310.	.0	.5	.6	.7	.6	.5	.2	.1
315.	.0	.5	.6	.7	.6	.4	.2	.1
320.	.0	.5	.6	.7	.5	.4	.2	.1
325.	.0	.5	.6	.7	.5	.4	.2	.1
330.	.0	.5	.6	.7	.5	.4	.2	.1
335.	.0	.5	.6	.7	.6	.4	.2	.1
340.	.0	.5	.6	.7	.6	.4	.3	.1
345.	.0	.5	.6	.7	.6	.4	.3	.1
350.	.0	.5	.6	.6	.6	.3	.3	.1
355.	.0	.5	.6	.6	.7	.5	.4	.2
360.	.0	.5	.8	.7	.7	.4	.3	.3
MAX DEGR.	.9	.5	.9	.9	.7	.6	.6	.7
	75	0	5	240	0	35	25	35

S11B130P.OUT
THE HIGHEST CONCENTRATION IS 1.60 PPM AT 240 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 255 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 215 DEGREES FROM REC9 .

S11B230A.DAT

S11 B230 AM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B230AM		43 1 0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	1350 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.	1350 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.	1350 2.9 0. 56. 40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.	1350 2.9 0. 68. 40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4	
150	101		2.0 1350 29.1 1646 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	1275 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	1275 2.9 0. 44. 40.	
0	2	WB MID T&LAG	AG244764.551724.244971.551813.	1700 2.9 0. 56. 40.	
0	150	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3	
150	100		2.0 1700 29.1 1770 3 3		
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1700 2.9 0. 56. 40.	
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1700 2.9 0. 44. 40.	
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1700 2.9 0. 44. 40.	
0	1	WB MID R	AG244791.551838.244832.551790.	225 2.9 0. 32. 40.	
0	1	WB MID R	AG244832.551790.244985.551839.	225 2.9 0. 32. 40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.	1575 2.9 0. 56. 40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.	1575 2.9 0. 56. 40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.	1575 2.9 0. 56. 40.	
0	2	NB 355L	AG244750.551678.244742.551222.	75 2.9 0. 44. 40.	
0	150	NB 355L	AG244748.551582.244745.551403.	0. 24. 2	
150	137		2.0 75 29.1 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	350 2.9 0. 56. 40.	
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3	
150	104		2.0 350 29.1 1707 2 3		
0	1	NB 355 All	AG244764.551223.244752.550687.	550 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.	675 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.	675 2.9 0. 56. 40.	
0	2	SB 355 L	AG244752.551692.244747.552001.	75 2.9 0. 44. 40.	
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2	

S11B230A.DAT

	150	137	2.0	75	29.1	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		75	2.9	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.	1925	2.9	0.	68.	40.	
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0	150	104	2.0	1925	29.1	1667	2	3	
0	1								
		SB 355 T	AG244716.551928.244708.552103.	1925	2.9	0.	68.	40.	
0	1								
		SB 355 All	AG244718.552109.244647.552356.	2000	2.9	0.	56.	40.	
0	1								
		SB 355 All	AG244647.552356.244553.552665.	2000	2.9	0.	56.	40.	
0	1								
		SB 355 dp	AG244693.550687.244714.551685.	2300	2.9	0.	56.	40.	
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B230 AM
DATE: 12/26/2006 TIME: 14:25:33.04

RUN: S11 MD 355 & MID B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1350.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1350.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1350.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1350.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244539.1	551462.4	*	186.	229. AG	210.	100.0	.0	48.0	.68 9.5
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1275.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1275.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1275.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1275.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1275.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	1275.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	1275.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	1275.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	1275.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	1275.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1700.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	245447.7	552015.4	*	663.	67. AG	156.	100.0	.0	36.0	1.04 33.7
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1700.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1700.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1700.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1575.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1575.	2.9	.0	56.0	
25. 35	WB MIDdp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1575.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	75.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244747.5	551554.3	*	28.	181. AG	143.	100.0	.0	24.0	.36 1.4
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	350.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244775.4	551534.1	*	66.	181. AG	162.	100.0	.0	36.0	.24 3.4
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	550.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	675.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	675.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	675.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	675.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	75.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244750.5	551809.7	*	28.	359. AG	143.	100.0	.0	24.0	.36 1.4
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	75.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	1925.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244718.1	552253.4	*	492.	0. AG	216.	100.0	.0	48.0	1.03 25.0
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	1925.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	2000.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	2000.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	2300.	2.9	.0	56.0	

JOB: S11 B230 AM
DATE: 12/26/2006 TIME: 14:25:33.04

RUN: S11 MD 355 & MID B230AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	101	2.0	1350	1646	29.10	2	3
17. 0	WB 355T&L	* 150	100	2.0	1700	1770	29.10	3	3
27. 0	NB 355L	* 150	137	2.0	75	1717	29.10	2	3
29. 0	NB 355T	* 150	104	2.0	350	1707	29.10	2	3
36. 0	SB 355L	* 150	137	2.0	75	1717	29.10	2	3
39. 0	SB 355T	* 150	104	2.0	1925	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11B230A.OUT

1

JOB: S11 B230 AM

RUN: S11 MD 355 & MID B230AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0
5.	*	.0	.2	.2	.4	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.2	.1
10.	*	.1	.1	.1	.4	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.3	.4	.6	.2	.1
15.	*	.1	.1	.1	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.1	.4	.5	.6	.3	.2
20.	*	.1	.1	.1	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.1	.4	.6	.7	.3	.2
25.	*	.1	.1	.1	.5	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.1	.5	.6	.7	.4	.2
30.	*	.1	.1	.2	.5	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.1	.5	.7	.6	.4	.2
35.	*	.1	.1	.2	.4	.5	.5	.4	.7	.0	.0	.0	.0	.0	.0	.1	.5	.7	.6	.4	.3
40.	*	.0	.1	.2	.2	.5	.5	.4	.7	.0	.0	.0	.0	.0	.0	.2	.5	.6	.6	.3	.3
45.	*	.0	.1	.1	.2	.5	.5	.2	.8	.0	.0	.0	.0	.0	.0	.2	.5	.6	.5	.3	.3
50.	*	.0	.1	.1	.2	.5	.2	.4	.9	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.4	.4
55.	*	.0	.0	.1	.2	.4	.1	.3	1.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.6	.3	.3
60.	*	.0	.0	.1	.1	.1	.1	.3	1.1	.1	.1	.1	.0	.0	.0	.3	.5	.5	.6	.4	.3
65.	*	.0	.0	.0	.1	.1	.1	.3	1.1	.1	.1	.1	.0	.0	.0	.3	.5	.5	.7	.5	.3
70.	*	.0	.0	.0	.0	.0	.0	.3	1.1	.2	.2	.2	.0	.0	.0	.4	.5	.6	.6	.5	.3
75.	*	.0	.0	.0	.0	.0	.0	.1	1.0	.3	.3	.2	.1	.0	.0	.4	.5	.6	.6	.5	.4
80.	*	.0	.0	.0	.0	.0	.0	.0	.9	.3	.3	.3	.1	.0	.0	.4	.6	.6	.5	.2	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.8	.4	.3	.4	.1	.1	.0	.4	.6	.7	.5	.3	.5
90.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.4	.2	.1	.0	.4	.6	.7	.3	.2	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.2	.1	.0	.4	.6	.7	.4	.2	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.4	.2	.1	.0	.4	.6	.7	.3	.2	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.4	.2	.1	.0	.5	.6	.6	.2	.2	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.4	.5	.2	.1	.0	.5	.6	.8	.2	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	.4	.6	.8	.2	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	.4	.6	.7	.2	.4	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.5	.6	.5	.2	.5	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.5	.6	.5	.3	.5	.7
135.	*	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.2	.1	.1	.5	.5	.4	.4	.4	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.1	.1	.1	.5	.5	.4	.4	.5	.6
145.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.4	.4	.3	.3	.5	.6
150.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.4	.4	.3	.3	.5	.6
155.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.3	.1	.1	.4	.3	.3	.5	.5	.6
160.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.4	.3	.5	.6	.6
165.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.3	.2	.1	.1	.2	.3	.2	.5	.6	.6
170.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.3	.2	.5	.6	.6
175.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.2	.2	.6	.6	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.2	.0	.2	.2	.5	.6	.4
185.	*	.0	.1	.1	.1	.0	.0	.0	.4	.4	.4	.3	.3	.1	.3	.0	.2	.2	.5	.5	.4
190.	*	.0	.1	.1	.1	.0	.0	.0	.5	.4	.4	.4	.2	.1	.5	.0	.1	.1	.5	.3	.3
195.	*	.1	.1	.1	.2	.0	.0	.0	.5	.4	.4	.3	.1	.2	.5	.0	.1	.1	.3	.4	.3
200.	*	.1	.1	.1	.2	.1	.0	.0	.5	.4	.5	.3	.2	.3	.6	.0	.0	.1	.3	.4	.2
205.	*	.1	.1	.1	.2	.1	.0	.0	.5	.4	.5	.4	.3	.4	.6	.0	.0	.1	.2	.3	.2

1

JOB: S11 B230 AM

RUN: S11 MD 355 & MID B230AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.3	.1	.1	.0	.8	.5	.5	.4	.2	.4	.6	.0	.0	.0	.2	.3	.3
215.	*	.1	.1	.1	.3	.1	.1	.0	.6	.5	.6	.3	.3	.3	.6	.0	.0	.0	.2	.2	.3
220.	*	.1	.1	.1	.3	.1	.1	.0	.7	.4	.5	.2	.4	.4	.6	.0	.0	.0	.0	.1	.1
225.	*	.1	.1	.1	.4	.2	.1	.0	.8	.5	.4	.2	.3	.4	.6	.0	.0	.0	.0	.1	.1
230.	*	.1	.1	.1	.5	.3	.1	.0	1.0	.5	.3	.3	.3	.4	.6	.0	.0	.0	.0	.1	.1
235.	*	.1	.1	.2	.7	.3	.1	.0	1.1	.4	.3	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1
240.	*	.1	.1	.3	.7	.3	.1	.0	1.2	.3	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.3	.5	.3	.1	.0	1.3	.2	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.3	.5	.2	.1	.0	1.3	.2	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.5	.5	.1	.1	.0	1.3	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
260.	*	.1	.2	.5	.3	.3	.2	.1	1.2	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
265.	*	.1	.2	.8	.3	.2	.2	.1	1.1	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
270.	*	.1	.2	.8	.4	.2	.2	.2	.9	.1	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
275.	*	.1	.3	.8	.3	.2	.4	.2	.8	.1	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0
280.	*	.1	.3	.8	.2	.2	.5	.4	.8	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.7	.2	.3	.3	.6	.7	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0
290.	*	.1	.3	.7	.4	.4	.3	.6	.6	.1	.2	.2	.3	.4	.2	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.7	.3	.5	.4	.6	.6	.1	.2	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.5	.3	.5	.6	.6	.5	.1	.2	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0
305.	*	.2	.3	.4	.5	.6	.7	.6	.4	.1	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0
310.	*	.2	.3	.3	.4	.6	.7	.6	.4	.1	.2	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.4	.7	.7	.6	.4	.1	.2	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.3	.5	.7	.6	.5	.4	.1	.1	.4	.3	.4	.1	.0	.0	.0	.0	.0	.0
325.	*	.2	.3	.3	.5	.7	.6	.5	.4	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0
330.	*	.2	.4	.3	.6	.7	.6	.4	.4	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0
335.	*	.2	.3	.3	.7	.6	.5	.4	.4	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.3	.3	.6	.6	.4	.4	.4	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
345.	*	.2	.3	.2	.5	.4	.4	.5	.4	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
350.	*	.1	.3	.2	.5	.3	.5	.5	.4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
355.	*	.1	.2	.2	.5	.3	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
360.	*	.1	.1	.2	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0
MAX		.2	.4	.8	.7	.7	.7	.6	1.3	.6	.6	.5	.4	.4	.6	.5	.6	.8	.7	.6	.7
DEGR.		305	330	265	235	315	305	285	245	105	215	110	220	205	200	105	80	110	20	160	120

1

JOB: S11 B230 AM

RUN: S11 MD 355 & MID B230AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	.0	.1	.3	.7	.8	.6	.3	.3
5.	.0	.1	.5	.7	.8	.6	.4	.4
10.	.0	.1	.5	.9	.9	.5	.4	.3
15.	.0	.2	.5	.9	.6	.4	.3	.3
20.	.1	.3	.5	.8	.5	.4	.4	.3
25.	.1	.3	.5	.7	.5	.4	.4	.4
30.	.1	.2	.5	.6	.5	.4	.3	.3
35.	.1	.1	.5	.6	.4	.4	.3	.3
40.	.2	.2	.5	.5	.4	.4	.3	.2
45.	.2	.2	.3	.4	.4	.4	.3	.2
50.	.4	.1	.3	.4	.4	.3	.3	.2
55.	.3	.0	.2	.3	.4	.3	.2	.2
60.	.5	.0	.1	.3	.4	.2	.2	.2
65.	.6	.0	.1	.1	.3	.2	.2	.2
70.	.4	.0	.1	.1	.3	.2	.2	.2
75.	.4	.0	.1	.1	.2	.2	.2	.2
80.	.3	.0	.1	.1	.2	.2	.2	.2
85.	.2	.0	.1	.1	.2	.2	.2	.2
90.	.2	.0	.1	.1	.2	.2	.2	.2
95.	.3	.0	.1	.1	.2	.2	.2	.2
100.	.2	.0	.1	.1	.2	.2	.2	.2
105.	.2	.0	.1	.1	.2	.2	.2	.2
110.	.2	.0	.1	.1	.2	.2	.2	.2
115.	.3	.0	.1	.1	.2	.2	.2	.2
120.	.3	.0	.1	.1	.2	.2	.2	.2
125.	.1	.0	.1	.1	.2	.2	.2	.2
130.	.1	.0	.1	.1	.2	.2	.2	.2
135.	.1	.0	.1	.1	.2	.2	.2	.2
140.	.1	.0	.1	.1	.2	.2	.2	.2
145.	.1	.0	.1	.1	.2	.2	.2	.2
150.	.1	.0	.1	.1	.2	.2	.2	.2
155.	.2	.0	.1	.1	.2	.3	.3	.2
160.	.2	.0	.1	.1	.2	.3	.3	.3
165.	.2	.0	.1	.1	.2	.3	.3	.3
170.	.2	.0	.0	.1	.2	.3	.3	.2
175.	.3	.0	.0	.1	.2	.2	.2	.2
180.	.3	.0	.0	.0	.1	.2	.2	.2
185.	.3	.0	.0	.0	.1	.1	.1	.1
190.	.3	.0	.0	.0	.1	.1	.1	.1
195.	.2	.0	.0	.0	.0	.1	.1	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 B230 AM

RUN: S11 MD 355 & MID B230AM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.1	.0	.0	.0	.0	.0	.0	.0
220.	.1	.0	.1	.0	.0	.0	.0	.0
225.	.0	.2	.1	.0	.0	.0	.0	.0
230.	.0	.2	.1	.1	.0	.0	.0	.0
235.	.0	.1	.2	.2	.0	.0	.0	.0
240.	.0	.2	.2	.2	.0	.0	.0	.0
245.	.0	.2	.2	.2	.1	.0	.0	.0
250.	.0	.2	.2	.2	.1	.0	.0	.0
255.	.0	.2	.2	.1	.2	.0	.0	.0
260.	.0	.2	.2	.1	.2	.0	.0	.0
265.	.0	.2	.2	.1	.4	.0	.0	.0
270.	.0	.2	.2	.1	.5	.0	.0	.0
275.	.0	.2	.1	.3	.5	.0	.0	.0
280.	.0	.2	.1	.3	.6	.1	.0	.0
285.	.0	.2	.1	.3	.6	.1	.0	.0
290.	.0	.2	.1	.4	.6	.1	.0	.0
295.	.0	.2	.1	.3	.6	.2	.0	.0
300.	.0	.2	.1	.5	.6	.2	.0	.0
305.	.0	.2	.1	.5	.6	.2	.0	.0
310.	.0	.2	.2	.6	.5	.2	.1	.0
315.	.0	.2	.2	.6	.5	.4	.1	.0
320.	.0	.2	.2	.6	.5	.4	.1	.0
325.	.0	.2	.2	.6	.5	.4	.2	.0
330.	.0	.2	.2	.6	.5	.4	.2	.0
335.	.0	.2	.2	.7	.5	.4	.2	.0
340.	.0	.2	.2	.7	.5	.4	.2	.1
345.	.0	.2	.3	.6	.6	.3	.2	.1
350.	.0	.2	.3	.6	.7	.4	.4	.2
355.	.0	.2	.4	.6	.7	.5	.4	.3
360.	.0	.1	.3	.7	.8	.6	.3	.3
MAX	.6	.3	.5	.9	.9	.6	.4	.4
DEGR.	65	20	5	10	10	0	5	5

S11B230A.OUT
THE HIGHEST CONCENTRATION IS 1.30 PPM AT 245 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC24.
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 10 DEGREES FROM REC25.

S11B230P.DAT

S11 B230 PM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	244834.	551238.	5.
REC 2	164'	SE CORNER	244829.	551470.	5.
REC 3	82'	SE CORNER	244829.	551551.	5.
REC 4		SE CORNER	244837.	551632.	5.
REC 5	82'	ES CORNER	244938.	551685.	5.
REC 6	164'	ES CORNER	245006.	551709.	5.
REC 7	400'	ES CORNER	245215.	551766.	5.
REC 8	400'	EN CORNER	245259.	551934.	5.
REC 9	164'	EN CORNER	245031.	551899.	5.
REC 10	82'	EN CORNER	244955.	551873.	5.
REC 11		NE CORNER	244867.	551854.	5.
REC 12	82'	NE CORNER	244848.	551928.	5.
REC 13	164'	NE CORNE	244841.	552009.	5.
REC 14	400'	NE CORNE	244784.	552237.	5.
REC 15	400'	NW CORNE	244600.	552156.	5.
REC 16	164'	NW CORNE	244636.	551926.	5.
REC 17	82'	NW CORNER	244649.	551841.	5.
REC 18		NW CORNER	244657.	551738.	5.
REC 19	82'	WM CORNER	244606.	551667.	5.
REC 20	164'	WN CORNE	244548.	551608.	5.
REC 21	400'	WN CORNE	244379.	551437.	5.
REC 22	400'	WS CORNE	244402.	551189.	5.
REC 23	164'	WS CORNE	244542.	551370.	5.
REC 24	82'	WS CORNER	244592.	551436.	5.
REC 25		SW CORNER	244656.	551475.	5.
REC 26	82'	SW CORNER	244670.	551414.	5.
REC 27	164'	SW CORNE	244668.	551334.	5.
REC 28	400'	SW CORNE	244661.	551094.	5.
S11 MD	355 & MID	B230PM		43 1 0	
0	1	EB MIDAP	AG244539.551463.244449.551357.	1750 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244449.551357.244284.551105.	1750 2.9 0. 68. 40.	
0	1	EB MIDAP	AG244284.551105.244134.550896.	1750 2.9 0. 56. 40.	
0	1	EB MIDAP	AG244759.551652.244539.551463.	1750 2.9 0. 68. 40.	
0	2	EB MID TQ	AG244680.551584.244563.551483.	0. 48. 4	
150	108		2.0 1750 29.1 1644 2 3		
0	1	EB MIDDP	AG245739.551824.245453.551834.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245739.551824.245453.551834.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245453.551834.245272.551830.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245271.551829.245101.551799.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG245101.551799.244926.551744.	2475 2.9 0. 44. 40.	
0	1	EB MIDDP	AG244926.551744.244758.551654.	2475 2.9 0. 44. 40.	
0	2	WB MID T&LAG	AG244764.551724.244971.551813.	1925 2.9 0. 56. 40.	
0	150	WB 355T&L	AG244837.551756.244950.551804.	0. 36. 3	
150	100		2.0 1925 29.1 1770 3 3		
0	1	WB MID T&LAG	AG244971.551813.245175.551854.	1925 2.9 0. 56. 40.	
0	1	WB MID T&LAG	AG245175.551854.245531.551852.	1925 2.9 0. 44. 40.	
0	1	WB MID T&LAG	AG245531.551852.245735.551843.	1925 2.9 0. 44. 40.	
0	1	WB MID R	AG244791.551838.244832.551790.	225 2.9 0. 32. 40.	
0	1	WB MID R	AG244832.551790.244985.551839.	225 2.9 0. 32. 40.	
33	1	WB MIDDP	AG244760.551728.244575.551589.	1950 2.9 0. 56. 40.	
34	1	WB MIDDP	AG244575.551589.244412.551418.	1950 2.9 0. 56. 40.	
35	1	WB MIDdp	AG244412.551418.244147.551001.	1950 2.9 0. 56. 40.	
0	2	NB 355L	AG244750.551678.244742.551222.	250 2.9 0. 44. 40.	
0	150	NB 355L	AG244748.551582.244745.551403.	0. 24. 2	
150	128		2.0 250 29.1 1717 2 3		
0	1	NB 355T	AG244779.551708.244769.551222.	2250 2.9 0. 56. 40.	
0	2	NB 355T	AG244777.551600.244772.551389.	0. 36. 3	
150	108		2.0 2250 29.1 1707 2 3		
0	1	NB 355 All	AG244764.551223.244752.550687.	2500 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244591.552672.244713.552291.	2325 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244713.552291.244764.552120.	2325 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244764.552120.244786.551952.	2325 2.9 0. 56. 40.	
0	1	NB 355 Dp	AG244786.551952.244784.551709.	2325 2.9 0. 56. 40.	
0	2	SB 355 L	AG244752.551692.244747.552001.	700 2.9 0. 44. 40.	
0	2	SB 355L	AG244751.551782.244748.551940.	0. 24. 2	

S11B230P.DAT

	150	126	2.0	700	29.1	1717	2	3	
0	1								
		SB 355 L	AG244747.552001.244730.552106.		700	2.9	0.	44.	40.
0	1								
		SB 355 T	AG244715.551687.244716.551928.		250	2.9	0.	68.	40.
0	2								
		SB 355T	AG244715.551761.244716.551923.		0.	48.	4		
0		150	106	2.0	250	29.1	1667	2	3
0	1								
		SB 355 T	AG244716.551928.244708.552103.		250	2.9	0.	68.	40.
0	1								
		SB 355 All	AG244718.552109.244647.552356.		950	2.9	0.	56.	40.
0	1								
		SB 355 All	AG244647.552356.244553.552665.		950	2.9	0.	56.	40.
0	1								
		SB 355 dp	AG244693.550687.244714.551685.		600	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S11 B230 PM
DATE: 12/26/2006 TIME: 14:25:52.04

RUN: S11 MD 355 & MID B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	EB MIDAP	* 244539.0	551463.0	244449.0	551357.0	*	139.	220. AG	1750.	2.9	.0	68.0	
2. 0	EB MIDAP	* 244449.0	551357.0	244284.0	551105.0	*	301.	213. AG	1750.	2.9	.0	68.0	
3. 0	EB MIDAP	* 244284.0	551105.0	244134.0	550896.0	*	257.	216. AG	1750.	2.9	.0	56.0	
4. 0	EB MIDAP	* 244759.0	551652.0	244539.0	551463.0	*	290.	229. AG	1750.	2.9	.0	68.0	
5. 0	EB MID TQ	* 244680.0	551584.0	244276.1	551235.2	*	534.	229. AG	225. 100.0	.0	48.0	1.05	27.1
6. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2475.	2.9	.0	44.0	
7. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2475.	2.9	.0	44.0	
8. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2475.	2.9	.0	44.0	
9. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2475.	2.9	.0	44.0	
10. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2475.	2.9	.0	44.0	
11. 0	EB MIDDP	* 245739.0	551824.0	245453.0	551834.0	*	286.	272. AG	2475.	2.9	.0	44.0	
12. 0	EB MIDDP	* 245453.0	551834.0	245272.0	551830.0	*	181.	269. AG	2475.	2.9	.0	44.0	
13. 0	EB MIDDP	* 245271.0	551829.0	245101.0	551799.0	*	173.	260. AG	2475.	2.9	.0	44.0	
14. 0	EB MIDDP	* 245101.0	551799.0	244926.0	551744.0	*	183.	253. AG	2475.	2.9	.0	44.0	
15. 0	EB MIDDP	* 244926.0	551744.0	244758.0	551654.0	*	191.	242. AG	2475.	2.9	.0	44.0	
16. 0	WB MID T&L	* 244764.0	551724.0	244971.0	551813.0	*	225.	67. AG	1925.	2.9	.0	56.0	
17. 0	WB 355T&L	* 244837.0	551756.0	246179.2	552326.0	*	1458.	67. AG	156. 100.0	.0	36.0	1.18	74.1
18. 0	WB MID T&L	* 244971.0	551813.0	245175.0	551854.0	*	208.	79. AG	1925.	2.9	.0	56.0	
19. 0	WB MID T&L	* 245175.0	551854.0	245531.0	551852.0	*	356.	90. AG	1925.	2.9	.0	44.0	
20. 0	WB MID T&L	* 245531.0	551852.0	245735.0	551843.0	*	204.	93. AG	1925.	2.9	.0	44.0	
21. 0	WB MID R	* 244791.0	551838.0	244832.0	551790.0	*	63.	139. AG	225.	2.9	.0	32.0	
22. 0	WB MID R	* 244832.0	551790.0	244985.0	551839.0	*	161.	72. AG	225.	2.9	.0	32.0	
23. 33	WB MIDDP	* 244760.0	551728.0	244575.0	551589.0	*	231.	233. AG	1950.	2.9	.0	56.0	
24. 34	WB MIDDP	* 244575.0	551589.0	244412.0	551418.0	*	236.	224. AG	1950.	2.9	.0	56.0	
25. 35	WB MIDDp	* 244412.0	551418.0	244147.0	551001.0	*	494.	212. AG	1950.	2.9	.0	56.0	
26. 0	NB 355L	* 244750.0	551678.0	244742.0	551222.0	*	456.	181. AG	250.	2.9	.0	44.0	
27. 0	NB 355L	* 244748.0	551582.0	244746.5	551494.6	*	87.	181. AG	133. 100.0	.0	24.0	.61	4.4
28. 0	NB 355T	* 244779.0	551708.0	244769.0	551222.0	*	486.	181. AG	2250.	2.9	.0	56.0	
29. 0	NB 355T	* 244777.0	551600.0	244689.7	547912.8	*	3688.	181. AG	169. 100.0	.0	36.0	1.74	187.4
30. 0	NB 355 All*	* 244764.0	551223.0	244752.0	550687.0	*	536.	181. AG	2500.	2.9	.0	56.0	
31. 0	NB 355 Dp	* 244591.0	552672.0	244713.0	552291.0	*	400.	162. AG	2325.	2.9	.0	56.0	
32. 0	NB 355 Dp	* 244713.0	552291.0	244764.0	552120.0	*	178.	163. AG	2325.	2.9	.0	56.0	
33. 0	NB 355 Dp	* 244764.0	552120.0	244786.0	551952.0	*	169.	173. AG	2325.	2.9	.0	56.0	
34. 0	NB 355 Dp	* 244786.0	551952.0	244784.0	551709.0	*	243.	180. AG	2325.	2.9	.0	56.0	
35. 0	SB 355 L	* 244752.0	551692.0	244747.0	552001.0	*	309.	359. AG	700.	2.9	.0	44.0	
36. 0	SB 355L	* 244751.0	551782.0	244721.9	553301.2	*	1520.	359. AG	131. 100.0	.0	24.0	1.54	77.2
37. 0	SB 355 L	* 244747.0	552001.0	244730.0	552106.0	*	106.	351. AG	700.	2.9	.0	44.0	
38. 0	SB 355 T	* 244715.0	551687.0	244716.0	551928.0	*	241.	0. AG	250.	2.9	.0	68.0	
39. 0	SB 355 T	* 244715.0	551761.0	244715.2	551796.9	*	36.	0. AG	221. 100.0	.0	48.0	.14	1.8
40. 0	SB 355 T	* 244716.0	551928.0	244708.0	552103.0	*	175.	357. AG	250.	2.9	.0	68.0	
41. 0	SB 355 All*	* 244718.0	552109.0	244647.0	552356.0	*	257.	344. AG	950.	2.9	.0	56.0	
42. 0	SB 355 All*	* 244647.0	552356.0	244553.0	552665.0	*	323.	343. AG	950.	2.9	.0	56.0	
43. 0	SB 355 dp	* 244693.0	550687.0	244714.0	551685.0	*	998.	1. AG	600.	2.9	.0	56.0	

JOB: S11 B230 PM
DATE: 12/26/2006 TIME: 14:25:52.04

RUN: S11 MD 355 & MID B230PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
5. 0	EB MID TQ	* 150	108	2.0	1750	1644	29.10	2	3
17. 0	WB 355T&L	* 150	100	2.0	1925	1770	29.10	3	3
27. 0	NB 355L	* 150	128	2.0	250	1717	29.10	2	3
29. 0	NB 355T	* 150	108	2.0	2250	1707	29.10	2	3
36. 0	SB 355L	* 150	126	2.0	700	1717	29.10	2	3
39. 0	SB 355T	* 150	106	2.0	250	1667	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	244834.0	551238.0	5.0	*
2. REC 2 164' SE CORNER	*	244829.0	551470.0	5.0	*
3. REC 3 82' SE CORNER	*	244829.0	551551.0	5.0	*
4. REC 4 SE CORNER	*	244837.0	551632.0	5.0	*
5. REC 5 82' ES CORNER	*	244938.0	551685.0	5.0	*
6. REC 6 164' ES CORNER	*	245006.0	551709.0	5.0	*
7. REC 7 400' ES CORNER	*	245215.0	551766.0	5.0	*
8. REC 8 400' EN CORNER	*	245259.0	551934.0	5.0	*
9. REC 9 164' EN CORNER	*	245031.0	551899.0	5.0	*
10. REC 10 82' EN CORNER	*	244955.0	551873.0	5.0	*
11. REC 11 NE CORNER	*	244867.0	551854.0	5.0	*
12. REC 12 82' NE CORNER	*	244848.0	551928.0	5.0	*
13. REC 13 164' NE CORNE	*	244841.0	552009.0	5.0	*
14. REC 14 400' NE CORNE	*	244784.0	552237.0	5.0	*
15. REC 15 400' NW CORNE	*	244600.0	552156.0	5.0	*
16. REC 16 164' NW CORNE	*	244636.0	551926.0	5.0	*
17. REC 17 82' NW CORNER	*	244649.0	551841.0	5.0	*
18. REC 18 NW CORNER	*	244657.0	551738.0	5.0	*
19. REC 19 82' WM CORNER	*	244606.0	551667.0	5.0	*
20. REC 20 164' WN CORNE	*	244548.0	551608.0	5.0	*
21. REC 21 400' WN CORNE	*	244379.0	551437.0	5.0	*
22. REC 22 400' WS CORNE	*	244402.0	551189.0	5.0	*
23. REC 23 164' WS CORNE	*	244542.0	551370.0	5.0	*
24. REC 24 82' WS CORNER	*	244592.0	551436.0	5.0	*

25. REC 25 SW CORNER * 244656.0 551475.0 5.0 *
 26. REC 26 82' SW CORNER * 244670.0 551414.0 5.0 *
 27. REC 27 164' SW CORNE * 244668.0 551334.0 5.0 *
 28. REC 28 400' SW CORNE * 244661.0 551094.0 5.0 *

S11B230P.OUT

1

JOB: S11 B230 PM

RUN: S11 MD 355 & MID B230PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.4	.6	.8	.5	.5	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0
5.	.2	.4	.5	.7	.5	.5	.7	.4	.0	.0	.0	.1	.1	.2	.2	.1	.2	.2	.1	.1
10.	.1	.3	.4	.4	.5	.7	.7	.4	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1
15.	.1	.1	.4	.7	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1
20.	.1	.1	.3	.7	.4	.5	.7	.4	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.1
25.	.1	.1	.3	.5	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.1
30.	.1	.1	.2	.5	.7	.5	.5	.5	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.2	.1
35.	.1	.1	.2	.5	.7	.5	.5	.6	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.2	.1
40.	.1	.1	.4	.6	.6	.5	.7	.7	.0	.0	.0	.0	.0	.0	.1	.3	.3	.5	.3	.2
45.	.1	.1	.2	.6	.6	.7	.7	.8	.0	.0	.0	.0	.0	.0	.2	.3	.3	.5	.3	.2
50.	.1	.1	.2	.6	.6	.7	.7	1.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.4	.2
55.	.0	.1	.1	.4	.4	.6	.5	1.1	.1	.1	.0	.0	.0	.0	.2	.2	.3	.5	.5	.3
60.	.0	.1	.1	.4	.6	.4	.4	1.2	.1	.1	.1	.0	.0	.0	.2	.2	.3	.5	.5	.4
65.	.0	.0	.1	.1	.6	.4	.4	1.3	.2	.2	.2	.1	.0	.0	.2	.2	.4	.6	.5	.4
70.	.0	.0	.0	.1	.1	.3	.4	1.3	.3	.3	.2	.1	.1	.0	.2	.3	.3	.8	.4	.6
75.	.0	.0	.0	.0	.1	.0	.5	1.2	.4	.3	.3	.1	.1	.0	.2	.2	.4	.7	.7	.5
80.	.0	.0	.0	.0	.0	.0	.4	1.1	.4	.4	.3	.2	.1	.0	.2	.2	.4	.6	.5	.4
85.	.0	.0	.0	.0	.0	.0	.2	.9	.4	.4	.4	.2	.1	.0	.3	.2	.4	.5	.5	.5
90.	.0	.0	.0	.0	.0	.0	.0	.8	.5	.6	.4	.2	.1	.1	.3	.3	.4	.6	.5	.6
95.	.0	.0	.0	.0	.0	.0	.0	.7	.5	.8	.4	.2	.1	.1	.3	.3	.4	.6	.5	.6
100.	.0	.0	.0	.0	.0	.0	.0	.8	.5	.7	.4	.2	.1	.1	.2	.3	.4	.6	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.6	.2	.1	.1	.2	.3	.4	.3	.4	.7
110.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.7	.3	.1	.1	.3	.3	.5	.4	.5	.7
115.	.0	.0	.0	.0	.0	.0	.0	.9	.6	.6	.7	.3	.1	.1	.3	.3	.5	.4	.4	.9
120.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.6	.3	.1	.1	.3	.3	.5	.4	.5	.8
125.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.2	.1	.1	.3	.3	.6	.4	.6	.8
130.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.3	.3	.5	.3	.6	.8
135.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.2	.2	.2	.3	.7	.8
140.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.4	.1	.1	.2	.3	.3	.4	.8	.7
145.	.0	.0	.0	.0	.0	.0	.0	.7	.4	.6	.5	.3	.1	.1	.1	.2	.3	.4	.7	.6
150.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.3	.1	.1	.1	.2	.4	.6	.7	.7
155.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.3	.1	.1	.1	.3	.4	.6	.8	.8
160.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.2	.1	.1	.2	.3	.5	.7	.7	.8
165.	.0	.1	.1	.0	.0	.0	.0	.7	.6	.7	.5	.2	.1	.1	.1	.4	.5	.7	.7	.8
170.	.1	.1	.1	.1	.0	.0	.0	.7	.6	.6	.6	.3	.2	.3	.1	.3	.5	.7	.7	.8
175.	.2	.2	.2	.2	.1	.0	.0	.7	.6	.7	.6	.5	.2	.4	.2	.3	.4	.6	.7	.7
180.	.4	.4	.5	.4	.1	.1	.0	.7	.7	.7	.7	.4	.6	.2	.3	.4	.6	.6	.7	.7
185.	.5	.6	.6	.5	.2	.1	.1	.8	.7	.8	.9	.8	.4	.6	.2	.2	.4	.5	.6	.6
190.	.5	.7	.7	.5	.2	.2	.1	.8	.7	.8	.9	.8	.4	.7	.1	.3	.3	.6	.6	.6
195.	.6	.7	.8	.6	.2	.2	.1	.8	.8	.8	.7	.5	.4	.7	.1	.2	.2	.5	.6	.7
200.	.6	.8	.7	.6	.2	.2	.1	.8	.8	.9	.8	.4	.4	.7	.1	.1	.2	.5	.5	.6
205.	.6	.6	.6	.7	.3	.2	.1	.9	.7	.8	.8	.4	.3	.6	.0	.1	.2	.5	.5	.6

1

JOB: S11 B230 PM

RUN: S11 MD 355 & MID B230PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.6	.6	.6	.7	.3	.2	.1	.9	.8	.9	.6	.5	.3	.6	.0	.1	.1	.5	.5	.6
215.	.6	.6	.6	.7	.3	.3	.1	1.0	1.1	.9	.5	.6	.5	.5	.0	.1	.1	.4	.5	.5
220.	.5	.6	.6	.7	.3	.2	.1	1.1	.9	.8	.5	.5	.5	.5	.0	.0	.1	.3	.4	.5
225.	.4	.6	.6	.8	.4	.3	.1	1.3	.7	.7	.4	.5	.5	.5	.0	.0	.0	.1	.2	.2
230.	.4	.6	.8	.8	.5	.3	.1	1.4	.7	.3	.3	.4	.4	.5	.0	.0	.0	.1	.2	.2
235.	.4	.5	.8	.8	.5	.3	.2	1.5	.4	.4	.4	.2	.3	.5	.0	.0	.0	.0	.0	.1
240.	.4	.6	.8	.8	.5	.4	.2	1.6	.4	.4	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
245.	.4	.6	.9	.7	.5	.4	.2	1.4	.2	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
250.	.4	.6	.8	.6	.6	.4	.1	1.3	.2	.2	.3	.2	.3	.5	.0	.0	.0	.0	.0	.0
255.	.5	.6	1.0	.5	.5	.3	.1	1.3	.2	.2	.3	.2	.3	.5	.0	.0	.0	.0	.0	.0
260.	.5	.6	1.0	.4	.5	.3	.3	1.0	.2	.2	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0
265.	.5	.6	1.0	.4	.4	.2	.3	.9	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
270.	.5	.6	1.0	.4	.4	.2	.3	.8	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
275.	.5	.6	.9	.5	.4	.4	.5	.8	.1	.2	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0
280.	.5	.7	.8	.5	.4	.4	.7	.7	.1	.2	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0
285.	.5	.7	.7	.5	.5	.6	.7	.6	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
290.	.5	.8	.7	.4	.6	.8	.8	.6	.1	.1	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
295.	.5	.8	.9	.4	.7	.9	.6	.5	.1	.1	.2	.4	.3	.4	.0	.0	.0	.0	.0	.0
300.	.5	.8	.8	.4	.8	.7	.6	.5	.1	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
305.	.5	.8	.7	.4	.8	.7	.8	.5	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
310.	.5	.8	.6	.4	.6	.6	.8	.5	.1	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0
315.	.5	.8	.6	.4	.7	.6	.8	.5	.1	.2	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
320.	.6	.6	.4	.5	.7	.6	.8	.5	.1	.1	.4	.3	.4	.5	.0	.0	.0	.0	.0	.0
325.	.6	.6	.3	.6	.7	.6	.8	.5	.1	.1	.4	.3	.4	.5	.0	.0	.0	.0	.0	.0
330.	.6	.6	.5	.6	.6	.6	.8	.5	.1	.1	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0
335.	.6	.5	.4	.6	.6	.6	.7	.4	.1	.1	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0
340.	.6	.5	.5	.6	.6	.5	.7	.4	.1	.1	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0
345.	.5	.4	.6	.6	.8	.5	.7	.4	.1	.1	.3	.3	.3	.5	.0	.0	.0	.0	.0	.0
350.	.4	.4	.6	.6	.8	.6	.7	.4	.0	.1	.2	.2	.2	.4	.0	.0	.0	.0	.0	.0
355.	.4	.6	.6	.9	.8	.5	.7	.4	.0	.1	.1	.1	.1	.3	.0	.1	.1	.1	.0	.0
360.	.3	.4	.6	.8	.5	.5	.7	.4	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0
MAX	.6	.8	1.0	.9	.8	.9	.8	1.6	1.1	.9	.9	.8	.5	.7	.3	.4	.6	.8	.8	.9
DEGR.	195	200	255	355	300	295	290	240	215	210	185	185	215	190	20	165	125	70	140	115

1

JOB: S11 B230 PM

RUN: S11 MD 355 & MID B230PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.5	.7	.7	.7	.5	.3	.3
5.	*	.0	.4	.8	.8	.6	.3	.2	.4
10.	*	.0	.5	.6	.8	.6	.4	.4	.4
15.	*	.1	.5	.6	.8	.5	.5	.5	.4
20.	*	.1	.5	.6	.8	.4	.5	.4	.4
25.	*	.1	.5	.6	.7	.3	.5	.6	.5
30.	*	.1	.3	.4	.5	.4	.5	.6	.6
35.	*	.2	.2	.5	.5	.7	.6	.5	.7
40.	*	.2	.3	.4	.5	.6	.6	.5	.6
45.	*	.1	.3	.4	.6	.4	.6	.5	.5
50.	*	.4	.3	.4	.5	.5	.6	.5	.4
55.	*	.4	.2	.3	.4	.5	.5	.5	.4
60.	*	.6	.2	.3	.4	.5	.5	.5	.3
65.	*	.7	.1	.3	.4	.5	.4	.3	.3
70.	*	.8	.1	.2	.3	.4	.3	.3	.3
75.	*	.8	.1	.2	.2	.4	.3	.3	.3
80.	*	.7	.1	.2	.2	.4	.3	.3	.3
85.	*	.8	.1	.2	.2	.4	.3	.3	.3
90.	*	.8	.1	.2	.2	.3	.3	.3	.3
95.	*	.7	.1	.2	.2	.3	.3	.3	.3
100.	*	.7	.1	.2	.2	.3	.3	.3	.3
105.	*	.7	.1	.2	.2	.3	.3	.3	.3
110.	*	.7	.1	.1	.2	.3	.3	.3	.3
115.	*	.8	.1	.1	.3	.3	.3	.3	.3
120.	*	.8	.1	.1	.3	.3	.3	.3	.3
125.	*	.8	.1	.1	.3	.3	.4	.4	.3
130.	*	.7	.1	.1	.3	.3	.4	.4	.4
135.	*	.6	.1	.2	.2	.3	.4	.4	.4
140.	*	.6	.1	.2	.2	.3	.4	.5	.4
145.	*	.7	.1	.2	.2	.3	.5	.5	.5
150.	*	.7	.1	.3	.3	.4	.6	.5	.5
155.	*	.8	.1	.3	.3	.5	.6	.5	.5
160.	*	.8	.1	.2	.3	.5	.5	.5	.5
165.	*	.8	.1	.2	.3	.5	.5	.5	.5
170.	*	.8	.1	.2	.2	.4	.5	.5	.5
175.	*	.8	.1	.1	.2	.4	.5	.5	.4
180.	*	.7	.0	.1	.1	.2	.4	.4	.2
185.	*	.7	.0	.1	.1	.1	.2	.2	.1
190.	*	.7	.0	.0	.0	.1	.1	.1	.1
195.	*	.7	.0	.0	.0	.0	.0	.0	.0
200.	*	.5	.0	.0	.0	.0	.0	.0	.0
205.	*	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S11 B230 PM

RUN: S11 MD 355 & MID B230PM

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.0	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.1	.1	.2	.1	.0	.0	.0
225.	*	.1	.2	.2	.3	.1	.0	.0	.0
230.	*	.0	.2	.3	.6	.2	.0	.0	.0
235.	*	.0	.3	.4	.7	.4	.1	.0	.0
240.	*	.0	.2	.5	.8	.6	.1	.0	.0
245.	*	.0	.2	.5	.7	.7	.3	.1	.0
250.	*	.0	.2	.6	.8	.6	.3	.1	.0
255.	*	.0	.2	.7	.8	.6	.3	.1	.0
260.	*	.0	.2	.8	.7	.7	.3	.2	.0
265.	*	.0	.2	.7	.7	.7	.4	.2	.0
270.	*	.0	.2	.7	.8	.7	.4	.2	.0
275.	*	.0	.2	.6	.7	.7	.4	.2	.0
280.	*	.0	.3	.6	.7	.6	.3	.2	.0
285.	*	.0	.3	.5	.7	.6	.3	.2	.0
290.	*	.0	.4	.5	.7	.6	.4	.2	.1
295.	*	.0	.4	.5	.8	.6	.4	.2	.1
300.	*	.0	.4	.6	.7	.6	.5	.2	.1
305.	*	.0	.5	.6	.7	.6	.5	.2	.1
310.	*	.0	.5	.6	.7	.6	.5	.2	.1
315.	*	.0	.5	.6	.7	.6	.4	.2	.1
320.	*	.0	.5	.6	.7	.5	.4	.2	.1
325.	*	.0	.5	.6	.7	.5	.4	.2	.1
330.	*	.0	.5	.6	.7	.5	.4	.2	.1
335.	*	.0	.5	.6	.7	.6	.4	.2	.1
340.	*	.0	.5	.6	.7	.6	.4	.3	.1
345.	*	.0	.5	.6	.7	.6	.4	.3	.1
350.	*	.0	.5	.6	.6	.6	.3	.3	.1
355.	*	.0	.5	.6	.6	.7	.5	.4	.2
360.	*	.0	.5	.7	.7	.7	.5	.3	.3
MAX DEGR.	*	.8	.5	.8	.8	.7	.6	.6	.7
		115	0	5	5	0	35	25	35

S11B230P.OUT
THE HIGHEST CONCENTRATION IS 1.60 PPM AT 240 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 215 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 255 DEGREES FROM REC3 .

Site 12

MD 118 SB & Middlebrook Rd.

										S12EXAM		
S12	MD 188 & MIDDLEBROOK RD									60.0175.0.0000.000280.30480000	11	1
REC 1	400' SE CORNER	236972.	550543.									
REC 2	164' SE CORNER	236786.	550681.									
REC 3	82' SE CORNER	236718.	550732.									
REC 4	SE CORNER	236670.	550810.									
REC 5	82' ES CORNER	236732.	550904.									
REC 6	164' ES CORNER	236802.	550952.									
REC 7	400' ES CORNER	237012.	551066.									
REC 8	400' EN CORNER	236879.	551150.									
REC 9	164' EN CORNER	236696.	551015.									
REC 10	82' EN CORNER	236625.	550967.									
REC 11	NE CORNER	236556.	550926.									
REC 12	82' NE CORNER	236497.	550986.									
REC 13	164' NE CORNE	236453.	551054.									
REC 14	400' NE CORNE	236331.	551248.									
REC 15	400' NW CORNE	236236.	551184.									
REC 16	164' NW CORNE	236365.	550986.									
REC 17	82' NW CORNER	236408.	550919.									
REC 18	NW CORNER	236436.	550849.									
REC 19	82' WN CORNE	236386.	550805.									
REC 20	164' WN CORN	236322.	550754.									
REC 21	400' WN CORN	236144.	550590.									
REC 22	400' WS CORN	236223.	550477.									
REC 23	164' WS CORN	236398.	550636.									
REC 24	82' WS CORNE	236457.	550687.									
REC 25	SW CORNER	236533.	550735.									
REC 26	82' SW CORNER	236587.	550682.									
REC 27	164' SW CORNE	236648.	550632.									
REC 28	400' SW CORNE	236838.	550500.									
S12	MD 118 & MIDDLEBROOK									43 1 1		
1												
1	NB MID ALLAG237337.550222.237209.550341.									591 5.3 0. 56. 40.		
2	NB MID ALLAG237209.550341.236696.550700.									591 5.3 0. 56. 40.		
3	NB MID THRAG236696.550700.236566.550847.									145 5.3 0. 44. 40.		
3	NB MID THRAG236603.550805.236689.550707.									0. 24. 2		
1												
5	NB MID LT AG236684.550687.236552.550836.									106 5.3 0. 32. 40.		
6	NB MID LT AG236587.550797.236678.550694.									0. 12. 1		
1												
0	NB Mid R AG236669.550884.236649.550822.									340 5.3 0. 32. 40.		
0	NB Mid R AG236649.550822.236670.550750.									340 5.3 0. 32. 40.		
0	NB Mid R AG236651.550815.236667.550761.									0. 12. 1		
1												
9	NB MID DP AG236566.550847.236306.551241.									255 5.3 0. 44. 40.		
1												
10	NB MID DP AG236306.551241.236018.551679.									255 5.3 0. 44. 40.		
1												

S12EXAM

JOB: S12 MD 188 & MIDDLEBROOK RD
DATE: 12/14/2006 TIME: 11:32:33.05

RUN: S12 MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	591.	5.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	591.	5.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	145.	5.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236612.6	550794.0	*	15.	139. AG	359.	100.0	.0	24.0	.12 .7
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	106.	5.3	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236606.2	550775.3	*	29.	139. AG	242.	100.0	.0	12.0	.48 1.5
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	340.	5.3	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	340.	5.3	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236670.5	550749.1	*	69.	164. AG	179.	100.0	.0	12.0	.66 3.5
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	255.	5.3	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	255.	5.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	858.	5.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	858.	5.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	630.	5.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236430.1	550922.3	*	64.	327. AG	359.	100.0	.0	24.0	.56 3.2
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	228.	5.3	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236466.0	550911.1	*	31.	327. AG	485.	100.0	.0	24.0	.53 1.6
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	853.	5.3	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	853.	5.3	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	853.	5.3	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	853.	5.3	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	853.	5.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	808.	5.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	808.	5.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	674.	5.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236463.4	550735.5	*	49.	230. AG	582.	100.0	.0	36.0	.47 2.5
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	20.	5.3	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236485.7	550779.5	*	6.	231. AG	247.	100.0	.0	12.0	.10 .3
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	114.	5.3	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236492.9	550736.0	*	25.	230. AG	194.	100.0	.0	12.0	.19 1.3
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1242.	5.3	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1242.	5.3	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	212.	5.3	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	236631.0	550910.3	*	30.	54. AG	495.	100.0	.0	24.0	.37 1.5
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	212.	5.3	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	447.	5.3	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236616.1	550928.3	*	27.	55. AG	480.	100.0	.0	36.0	.19 1.4
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	447.	5.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	749.	5.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	749.	5.3	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	656.	5.3	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	656.	5.3	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	656.	5.3	.0	56.0	

JOB: S12 MD 188 & MIDDLEBROOK RD
DATE: 12/14/2006 TIME: 11:32:33.05

RUN: S12 MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	64	37	4.0	145	1770	115.70	2	3
6. 6	NB MID LT*	64	50	4.0	106	1770	115.70	2	3
9. 0	NB Mid R*	64	37	4.0	340	1583	115.70	2	3
15. 14	SB MID THR*	64	37	4.0	630	1726	115.70	2	3
17. 16	SB MID LT*	64	50	4.0	228	1717	115.70	2	3
26. 33	EB 118 THR*	64	40	4.0	674	1695	115.70	2	3
28. 35	EB 118 LT*	64	51	4.0	20	1770	115.70	2	3
30. 37	EB 118 RT*	64	40	.3	114	1750	115.70	2	3
34. 0	WB 118 L*	64	51	.3	212	1717	115.70	2	3
37. 0	WB 118 T*	64	33	.3	447	1770	115.70	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

S12EXAM.OUT

21. REC 21 400' WN CORN *	236144.0	550590.0	5.0 *
22. REC 22 400' WS CORN *	236223.0	550477.0	5.0 *
23. REC 23 164' WS CORN *	236398.0	550636.0	5.0 *
24. REC 24 82' WS CORNE *	236457.0	550687.0	5.0 *
25. REC 25 SW CORNER *	236533.0	550735.0	5.0 *
26. REC 26 82' SW CORNER *	236587.0	550682.0	5.0 *
27. REC 27 164' SW CORNE *	236648.0	550632.0	5.0 *
28. REC 28 400' SW CORNE *	236838.0	550500.0	5.0 *

1

JOB: S12 MD 188 & MIDDLEBROOK RD

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.6	.0	.0
5.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.8	.1	.0
10.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.9	.1	.0
15.	*	.0	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	1.0	.2	.0
20.	*	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	1.0	.3	.1
25.	*	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	1.1	.4	.1
30.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	1.1	.4	.1
35.	*	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	1.1	.4	.2
40.	*	.0	.0	.0	.1	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	1.0	.4	.2
45.	*	.0	.0	.0	.1	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.9	.4	.2
50.	*	.0	.0	.0	.1	.4	.5	.2	.0	.0	.1	.0	.0	.0	.0	.2	.1	.4	.9	.4	.3
55.	*	.0	.0	.0	.1	.4	.4	.2	.0	.0	.1	.2	.0	.0	.0	.2	.1	.5	.7	.4	.3
60.	*	.0	.0	.0	.0	.4	.4	.2	.0	.1	.1	.2	.0	.0	.0	.2	.1	.6	.7	.6	.4
65.	*	.0	.0	.0	.0	.2	.3	.1	.2	.3	.2	.4	.0	.0	.0	.1	.1	.7	.7	.5	.3
70.	*	.0	.0	.0	.0	.2	.2	.1	.2	.4	.2	.5	.0	.0	.0	.1	.1	.8	.6	.4	.3
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.4	.2	.6	.0	.0	.0	.1	.1	1.2	.6	.3	.4
80.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.2	.8	.1	.0	.0	.1	.1	1.2	.5	.2	.3
85.	*	.0	.0	.0	.0	.1	.1	.0	.2	.2	.2	.8	.1	.0	.0	.1	.1	1.5	.4	.2	.3
90.	*	.0	.0	.0	.0	.1	.1	.0	.2	.2	.2	1.0	.1	.0	.0	.1	.2	1.7	.4	.2	.5
95.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	1.1	.1	.0	.0	.1	.2	1.7	.3	.3	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.1	.2	.1	.0	.1	.3	1.8	.3	.4	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.2	.3	.1	.0	.1	.5	1.8	.3	.6	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.1	.3	.1	.0	.1	.6	1.6	.3	.6	.3
115.	*	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.1	.4	.1	.0	.2	.5	1.5	.3	.6	.3
120.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	1.0	.4	.2	.0	.2	.4	1.2	.4	.6	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.7	.4	.3	.0	.2	.7	1.1	.3	.6	.2
130.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.7	.3	.2	.0	.2	.7	.9	.5	.6	.2
135.	*	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.6	.3	.2	.0	.3	.7	.7	.5	.5	.2
140.	*	.1	.2	.2	.1	.0	.0	.0	.2	.2	.2	.4	.3	.2	.0	.3	.6	.6	.6	.4	.1
145.	*	.1	.2	.2	.2	.0	.0	.0	.2	.2	.2	.4	.4	.2	.1	.3	.6	.5	.6	.3	.1
150.	*	.1	.2	.2	.2	.0	.0	.0	.2	.2	.3	.3	.2	.1	.1	.3	.5	.4	.6	.3	.1
155.	*	.1	.2	.2	.3	.0	.0	.0	.2	.2	.3	.4	.1	.2	.2	.1	.3	.3	.7	.2	.1
160.	*	.2	.2	.2	.2	.0	.0	.0	.2	.2	.5	.4	.1	.4	.2	.2	.0	.2	.6	.2	.1
165.	*	.2	.2	.2	.2	.0	.0	.0	.2	.2	.6	.3	.3	.4	.3	.0	.1	.2	.6	.2	.1
170.	*	.2	.2	.2	.3	.0	.0	.0	.2	.2	.8	.3	.3	.5	.2	.0	.1	.1	.5	.2	.1
175.	*	.2	.2	.2	.4	.0	.0	.0	.2	.2	1.0	.2	.3	.5	.2	.0	.0	.1	.4	.1	.1
180.	*	.2	.2	.2	.5	.0	.0	.0	.2	.2	1.0	.4	.5	.6	.2	.0	.0	.1	.3	.1	.2
185.	*	.2	.2	.2	.5	.0	.0	.0	.1	.2	1.0	.3	.6	.6	.2	.0	.0	.0	.3	.1	.3
190.	*	.2	.2	.1	.7	.0	.0	.0	.1	.2	1.1	.2	.7	.6	.2	.0	.0	.0	.1	.1	.3
195.	*	.2	.2	.1	.7	.1	.0	.0	.1	.3	1.3	.4	.9	.4	.0	.0	.0	.0	.1	.1	.2
200.	*	.2	.2	.1	.6	.1	.1	.0	.1	.3	1.2	.4	.9	.3	.0	.0	.0	.0	.1	.1	.2
205.	*	.2	.2	.1	.6	.2	.1	.0	.1	.4	1.1	.5	.6	.2	.0	.0	.0	.0	.1	.1	.2

1

JOB: S12 MD 188 & MIDDLEBROOK RD

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.2	.2	.6	.2	.1	.0	.2	.5	1.0	.5	.6	.1	.0	.0	.0	.0	.1	.1	.2
215.	*	.2	.2	.1	.6	.2	.1	.0	.2	.6	.8	.2	.5	.1	.0	.0	.0	.0	.1	.2	.2
220.	*	.2	.2	.1	.6	.2	.3	.0	.2	.6	.7	.3	.5	.1	.1	.0	.0	.0	.1	.2	.1
225.	*	.2	.2	.1	.6	.4	.2	.1	.1	.5	.7	.3	.4	.1	.1	.0	.0	.0	.1	.2	.1
230.	*	.2	.2	.1	.9	.3	.4	.1	.0	.5	.8	.3	.3	.1	.1	.0	.0	.0	.1	.1	.1
235.	*	.2	.2	.1	1.0	.4	.4	.1	.0	.5	.5	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
240.	*	.2	.2	.1	1.0	.4	.6	.2	.0	.4	.4	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	1.2	.5	.6	.2	.0	.4	.3	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	1.2	.5	.6	.3	.0	.2	.2	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	1.2	.5	.6	.3	.0	.1	.2	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.2	.2	.1	1.1	.8	.6	.3	.0	.1	.2	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.1	1.0	.8	.6	.2	.0	.0	.1	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.2	.3	.2	.9	.9	.5	.2	.0	.0	.1	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.4	.8	.9	.4	.2	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.2	.3	.7	.8	.2	.2	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.2	.2	.4	.7	.5	.2	.2	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.2	.2	.3	.5	.4	.2	.3	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.6	.5	.3	.2	.3	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0
300.	*	.1	.1	.5	.4	.3	.2	.3	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.6	.5	.2	.2	.3	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.5	.4	.2	.2	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
315.	*	.1	.1	.4	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0
320.	*	.0	.3	.5	.4	.2	.2	.3	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
325.	*	.0	.2	.4	.5	.2	.2	.3	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
330.	*	.0	.1	.4	.6	.2	.2	.3	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.2	.0	.0
335.	*	.0	.1	.4	.6	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0
340.	*	.0	.1	.3	.5	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.0	.0
345.	*	.0	.1	.2	.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.0	.0
350.	*	.0	.1	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.5	.0	.0
355.	*	.0	.1	.1	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.6	.0	.0

360.	*	.0	.1	.1	.1	.2	.2	.3	.0	.0	S12EXAM.OUT	.0	.0	.0	.0	.0	.2	.1	.1	.6	.0	.0
MAX	*	.2	.3	.6	1.2	.9	.6	.3	.2	.6	1.3	1.2	.9	.6	.3	.3	.7	1.8	1.1	.6	.5	
DEGR.	*	160	270	295	245	270	240	0	65	215	195	105	195	180	165	135	135	100	25	60	90	

1

JOB: S12 MD 188 & MIDDLEBROOK RD

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.3	.9	.2	.6	.5	.3
5.	*	.0	.2	.3	1.0	.2	.6	.3	.2
10.	*	.0	.2	.5	1.0	.4	.6	.3	.2
15.	*	.0	.1	.5	1.1	.5	.6	.3	.2
20.	*	.0	.2	.5	1.0	.5	.7	.3	.2
25.	*	.0	.2	.3	1.0	.5	.4	.2	.2
30.	*	.0	.2	.4	1.2	.5	.4	.2	.2
35.	*	.0	.3	.4	1.2	.7	.4	.1	.3
40.	*	.0	.3	.5	1.0	.6	.3	.2	.2
45.	*	.1	.3	.5	.8	.5	.3	.1	.2
50.	*	.1	.2	.4	.7	.4	.2	.1	.2
55.	*	.2	.1	.4	.5	.5	.2	.1	.2
60.	*	.2	.0	.1	.3	.5	.1	.2	.2
65.	*	.2	.0	.0	.1	.4	.1	.2	.2
70.	*	.2	.0	.0	.0	.3	.1	.3	.3
75.	*	.2	.0	.0	.0	.2	.1	.3	.3
80.	*	.1	.0	.0	.0	.2	.2	.3	.3
85.	*	.2	.0	.0	.0	.2	.2	.3	.3
90.	*	.2	.0	.0	.0	.1	.2	.3	.3
95.	*	.1	.0	.0	.0	.1	.3	.3	.3
100.	*	.1	.0	.0	.0	.1	.3	.3	.3
105.	*	.1	.0	.0	.0	.2	.4	.4	.3
110.	*	.1	.0	.0	.0	.3	.4	.4	.2
115.	*	.1	.0	.0	.0	.4	.4	.4	.2
120.	*	.1	.0	.0	.0	.3	.2	.3	.2
125.	*	.2	.0	.0	.0	.3	.2	.1	.1
130.	*	.2	.0	.0	.0	.3	.2	.1	.1
135.	*	.2	.0	.0	.0	.1	.2	.1	.1
140.	*	.2	.0	.0	.0	.0	.1	.1	.1
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 MD 188 & MIDDLEBROOK RD

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.2	.1	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.2	.2	.0	.0	.0	.0	.0
230.	*	.1	.2	.2	.2	.0	.0	.0	.0
235.	*	.1	.2	.2	.3	.1	.0	.0	.0
240.	*	.0	.2	.2	.2	.2	.0	.0	.0
245.	*	.0	.3	.1	.2	.2	.0	.0	.0
250.	*	.0	.3	.1	.1	.4	.0	.0	.0
255.	*	.0	.3	.1	.1	.5	.0	.0	.0
260.	*	.0	.3	.1	.1	.7	.0	.0	.0
265.	*	.0	.3	.2	.1	.9	.0	.0	.0
270.	*	.0	.3	.2	.1	1.1	.0	.0	.0
275.	*	.0	.2	.3	.1	1.2	.1	.0	.0
280.	*	.0	.2	.2	.1	1.4	.1	.0	.0
285.	*	.0	.1	.2	.1	1.5	.2	.1	.0
290.	*	.0	.1	.1	.1	1.5	.3	.1	.1
295.	*	.0	.1	.1	.1	1.5	.3	.1	.1
300.	*	.0	.1	.1	.2	1.4	.5	.3	.2
305.	*	.0	.1	.1	.2	1.3	.6	.3	.3
310.	*	.0	.1	.1	.2	1.2	.5	.3	.3
315.	*	.0	.1	.1	.2	1.0	.6	.5	.2
320.	*	.0	.1	.1	.2	1.0	.4	.4	.2
325.	*	.0	.1	.1	.2	1.0	.5	.4	.2
330.	*	.0	.1	.1	.2	.7	.6	.3	.2
335.	*	.0	.2	.1	.2	.8	.5	.3	.3
340.	*	.0	.2	.2	.4	.6	.4	.2	.3
345.	*	.0	.2	.2	.5	.5	.2	.2	.3
350.	*	.0	.2	.2	.6	.4	.2	.5	.3
355.	*	.0	.2	.2	.8	.3	.4	.5	.3
360.	*	.0	.2	.3	.9	.2	.6	.5	.3

```

-----*-----
MAX * .3 .3 .5 1.2 1.5 .7 .5 .3
DEGR. * 185 35 10 30 285 20 0 0

```

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 100 DEGREES FROM REC17.
 THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 285 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 195 DEGREES FROM REC10.

1

JOB: S12 MD 188 & MIDDLEBROOK RD
 DATE: 12/14/2006 TIME: 11:32:33.05

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 160	REC2 270	REC3 295	REC4 245	REC5 270	REC6 240	REC7 0	REC8 65	REC9 215	REC10 195	REC11 105	REC12 195	REC13 180	REC14 165	REC15 135	REC16 135	REC17 100	REC18 25	REC19 60	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0	.0
15	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.3	1.0	.6	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.4	.4	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
26	.0	.1	.1	.2	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.3
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.3	.4	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.1	.0	.0	.2	.4	.4	.0	.0	.0	.0	.0	.1	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.2	.0	.0	.0	.1	.6	.6	.0	.0	.0	.0	.0	.1	.0	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 MD 188 & MIDDLEBROOK RD
 DATE: 12/14/2006 TIME: 11:32:33.05

RUN: S12 MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 185	REC22 35	REC23 10	REC24 30	REC25 285	REC26 20	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.1	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.1	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.2
20	.0	.0	.0	.0	.0	.1	.2	.0
21	.0	.0	.0	.0	.0	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.1	.0	.0	.0	.0	.0	.0
24	.0	.1	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.0	.1	.1	.8	1.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.1	.3	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.1	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.1	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.1	.0	.0	.0	.0

S12EXAM.OUT

				S12EXPM			
S12EXPM MD 188 & MIDDLEBROOK RD				60.0175.0.0000.000280.30480000	11	1	
REC 1	400'	SE CORNER	236972.	550543.	5.		
REC 2	164'	SE CORNER	236786.	550681.	5.		
REC 3	82'	SE CORNER	236718.	550732.	5.		
REC 4		SE CORNER	236670.	550810.	5.		
REC 5	82'	ES CORNER	236732.	550904.	5.		
REC 6	164'	ES CORNER	236802.	550952.	5.		
REC 7	400'	ES CORNER	237012.	551066.	5.		
REC 8	400'	EN CORNER	236879.	551150.	5.		
REC 9	164'	EN CORNER	236696.	551015.	5.		
REC 10	82'	EN CORNER	236625.	550967.	5.		
REC 11		NE CORNER	236556.	550926.	5.		
REC 12	82'	NE CORNER	236497.	550986.	5.		
REC 13	164'	NE CORNE	236453.	551054.	5.		
REC 14	400'	NE CORNE	236331.	551248.	5.		
REC 15	400'	NW CORNE	236236.	551184.	5.		
REC 16	164'	NW CORNE	236365.	550986.	5.		
REC 17	82'	NW CORNER	236408.	550919.	5.		
REC 18		NW CORNER	236436.	550849.	5.		
REC 19	82'	WN CORNE	236386.	550805.	5.		
REC 20	164'	WN CORN	236322.	550754.	5.		
REC 21	400'	WN CORN	236144.	550590.	5.		
REC 22	400'	WS CORN	236223.	550477.	5.		
REC 23	164'	WS CORN	236398.	550636.	5.		
REC 24	82'	WS CORNE	236457.	550687.	5.		
REC 25		SW CORNER	236533.	550735.	5.		
REC 26	82'	SW CORNER	236587.	550682.	5.		
REC 27	164'	SW CORNE	236648.	550632.	5.		
REC 28	400'	SW CORNE	236838.	550500.	5.		
S12 EXPM MD 118 & MIDDLEBROOK				43	1	1	
1							
1		NB MID	ALLAG237337.550222.237209.550341.	764	5.3	0. 56.	40.
2		NB MID	ALLAG237209.550341.236696.550700.	764	5.3	0. 56.	40.
3		NB MID	THRAG236696.550700.236566.550847.	426	5.3	0. 44.	40.
3		NB MID	THRAG236603.550805.236689.550707.	0.	24.	2	
72	47		4.0 426 115.7 1770 2 3				
5		NB MID	LT AG236684.550687.236552.550836.	169	5.3	0. 32.	40.
6		NB MID	LT AG236587.550797.236678.550694.	0.	12.	1	
72	53		4.0 169 115.7 1770 2 3				
0		NB Mid	R AG236669.550884.236649.550822.	169	5.3	0. 32.	40.
0		NB Mid	R AG236649.550822.236670.550750.	169	5.3	0. 32.	40.
0		NB Mid	R AG236651.550815.236667.550761.	0.	12.	1	
72	47		4.0 169 115.7 1583 2 3				
9		NB MID	DP AG236566.550847.236306.551241.	904	5.3	0. 44.	40.
10		NB MID	DP AG236306.551241.236018.551679.	904	5.3	0. 44.	40.
11		SB MID	ALLAG235966.551646.236215.551261.	658	5.3	0. 44.	40.
12		SB MID	ALLAG236215.551261.236279.551162.	658	5.3	0. 44.	40.
13		SB MID	THRAG236279.551162.236507.550815.	417	5.3	0. 44.	40.
14		SB MID	THRAG236465.550879.236345.551062.	0.	24.	2	
72	48		4.0 417 115.7 1701 2 3				
15		SB MID	LT AG236317.551138.236525.550822.	241	5.3	0. 44.	40.
16		SB MID	LT AG236483.550885.236350.551089.	0.	24.	2	
72	55		4.0 241 115.7 1717 2 3				
36		SB 118	dp AG237203.550284.237038.550398.	617	5.3	0. 56.	40.
36		SB 118	dp AG237038.550398.236686.550638.	617	5.3	0. 56.	40.
36		SB 118	dp AG236686.550638.236601.550708.	617	5.3	0. 56.	40.
36		SB 118	dp AG236601.550708.236508.550812.	617	5.3	0. 56.	40.
36		SB 118	dp AG237309.550186.237203.550284.	617	5.3	0. 56.	40.
30		EB 118	ALLAG235825.550135.236257.550551.	734	5.3	0. 56.	40.
31		EB 118	ALLAG236257.550551.236356.550646.	734	5.3	0. 56.	40.
32		EB 118	THRAG236356.550646.236556.550814.	545	5.3	0. 56.	40.
33		EB 118	THRAG236501.550767.236378.550664.	0.	36.	3	
72	44		4.0 545 115.7 1695 2 3				
35		EB 118	LT AG236343.550661.236542.550825.	100	5.3	0. 32.	40.
35		EB 118	LT AG236490.550783.236370.550684.	0.	12.	1	
72	57		4.0 100 115.7 1770 2 3				
36		EB 118	RT AG236369.550631.236545.550780.	89	5.3	0. 32.	40.
37		EB 118	RT AG236512.550752.236394.550653.	0.	12.	1	
72	44		4.0 89 115.7 1750 2 3				
36		EB 118	dp AG237409.551330.236992.551100.	955	5.3	0. 56.	40.
36		EB 118	dp AG236992.551100.236559.550816.	955	5.3	0. 56.	40.
1		WB 118	L AG236544.550848.236745.550992.	220	5.3	0. 44.	40.
2		WB 118	L AG236607.550893.236733.550984.	0.	24.	2	

										S12EXPM
	1	72		56	4.0	220	115.7	1717	2 3	
0	1	WB 118 L	AG236745.550992.236874.551071.					220	5.3	0. 44. 40.
0	1	WB 118 T	AG236529.550869.236744.551018.					837	5.3	0. 56. 40.
0	2	WB 118 T	AG236594.550913.236725.551004.					0.	36.	3
		72	39		4.0	837	115.7	1770	2 3	
0	1	WB 118 T	AG236744.551018.236869.551096.					837	5.3	0. 56. 40.
0	1	WB 118 All	AG236878.551092.237118.551237.					1453	5.3	0. 56. 40.
0	1	WB 118 All	AG237118.551237.237378.551379.					1453	5.3	0. 56. 40.
0	1	WB 118 dp	AG235774.550188.236140.550540.					1115	5.3	0. 56. 40.
0	1	WB 118 dp	AG236144.550540.236314.550705.					1115	5.3	0. 56. 40.
0	1	WB 118 dp	AG236314.550705.236529.550868.					1115	5.3	0. 56. 40.
1.0	0.4	1000. 0.0Y	5 0 72							

JOB: S12EXPM MD 188 & MIDDLEBROOK RD
DATE: 12/14/2006 TIME: 11:33:10.07

RUN: S12 EXPM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	764.	5.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	764.	5.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	426.	5.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236639.1	550763.8	*	55.	139. AG	405.	100.0	.0	24.0	.46 2.8
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	169.	5.3	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236619.4	550760.3	*	49.	139. AG	228.	100.0	.0	12.0	.53 2.5
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	169.	5.3	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	169.	5.3	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236663.3	550773.4	*	43.	164. AG	203.	100.0	.0	12.0	.41 2.2
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	904.	5.3	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	904.	5.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	658.	5.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	658.	5.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	417.	5.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236435.1	550924.7	*	55.	327. AG	414.	100.0	.0	24.0	.49 2.8
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	241.	5.3	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236463.3	550915.3	*	36.	327. AG	474.	100.0	.0	24.0	.46 1.8
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	617.	5.3	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	617.	5.3	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	617.	5.3	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	617.	5.3	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	617.	5.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	734.	5.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	734.	5.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	545.	5.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236467.6	550739.1	*	44.	230. AG	569.	100.0	.0	36.0	.35 2.2
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	100.	5.3	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236466.0	550763.2	*	31.	230. AG	246.	100.0	.0	12.0	.45 1.6
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	89.	5.3	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236495.6	550738.2	*	21.	230. AG	190.	100.0	.0	12.0	.17 1.1
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	955.	5.3	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	955.	5.3	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	220.	5.3	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	236634.3	550912.7	*	34.	54. AG	483.	100.0	.0	24.0	.46 1.7
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	220.	5.3	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	837.	5.3	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236642.9	550946.9	*	59.	55. AG	504.	100.0	.0	36.0	.42 3.0
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	837.	5.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1453.	5.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1453.	5.3	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1115.	5.3	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1115.	5.3	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1115.	5.3	.0	56.0	

JOB: S12EXPM MD 188 & MIDDLEBROOK RD
DATE: 12/14/2006 TIME: 11:33:10.07

RUN: S12 EXPM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	72	47	4.0	426	1770	115.70	2	3
6. 6	NB MID LT*	72	53	4.0	169	1770	115.70	2	3
9. 0	NB Mid R*	72	47	4.0	169	1583	115.70	2	3
15. 14	SB MID THR*	72	48	4.0	417	1701	115.70	2	3
17. 16	SB MID LT*	72	55	4.0	241	1717	115.70	2	3
26. 33	EB 118 THR*	72	44	4.0	545	1695	115.70	2	3
28. 35	EB 118 LT*	72	57	4.0	100	1770	115.70	2	3
30. 37	EB 118 RT*	72	44	4.0	89	1750	115.70	2	3
34. 0	WB 118 L*	72	56	4.0	220	1717	115.70	2	3
37. 0	WB 118 T*	72	39	4.0	837	1770	115.70	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

S12EXPM.OUT

21. REC 21 400' WN CORN *	236144.0	550590.0	5.0 *
22. REC 22 400' WS CORN *	236223.0	550477.0	5.0 *
23. REC 23 164' WS CORN *	236398.0	550636.0	5.0 *
24. REC 24 82' WS CORNE *	236457.0	550687.0	5.0 *
25. REC 25 SW CORNER *	236533.0	550735.0	5.0 *
26. REC 26 82' SW CORNER *	236587.0	550682.0	5.0 *
27. REC 27 164' SW CORNE *	236648.0	550632.0	5.0 *
28. REC 28 400' SW CORNE *	236838.0	550500.0	5.0 *

1

JOB: S12EXPM MD 188 & MIDDLEBROOK RD

RUN: S12 EXP MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.8	.0	.0
5.	*	.0	.0	.1	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.9	.1	.0
10.	*	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.1	.1	.0
15.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.2	.1	.0
20.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.2	.3	.0
25.	*	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.3	.3	.1
30.	*	.0	.0	.0	.1	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.3	.4	.2
35.	*	.0	.0	.0	.1	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	1.3	.5	.2
40.	*	.0	.0	.0	.1	.4	.4	.3	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	1.2	.5	.2
45.	*	.0	.0	.0	.1	.4	.4	.3	.0	.1	.1	.2	.0	.0	.0	.1	.2	.2	1.2	.5	.3
50.	*	.0	.0	.0	.1	.4	.5	.3	.0	.2	.1	.3	.0	.0	.0	.1	.2	.3	1.0	.6	.4
55.	*	.0	.0	.0	.1	.3	.5	.3	.1	.3	.1	.4	.0	.0	.0	.1	.2	.3	1.0	.5	.5
60.	*	.0	.0	.0	.0	.2	.3	.1	.2	.3	.3	.5	.0	.0	.0	.2	.2	.4	1.0	.7	.5
65.	*	.0	.0	.0	.0	.2	.2	.1	.2	.3	.4	.9	.0	.0	.0	.2	.2	.6	1.1	.7	.4
70.	*	.0	.0	.0	.0	.1	.2	.1	.4	.3	.3	1.0	.0	.0	.0	.2	.2	.8	.9	.5	.5
75.	*	.0	.0	.0	.0	.1	.1	.0	.4	.4	.3	1.2	.0	.0	.0	.2	.2	.9	.9	.5	.4
80.	*	.0	.0	.0	.0	.1	.1	.0	.3	.3	.3	1.3	.0	.0	.0	.2	.2	1.5	.7	.5	.6
85.	*	.0	.0	.0	.0	.1	.1	.0	.3	.3	.3	1.5	.1	.0	.0	.2	.3	1.7	.5	.4	.6
90.	*	.0	.0	.0	.0	.0	.1	.0	.3	.3	.3	1.6	.3	.0	.0	.2	.3	1.8	.6	.5	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	1.5	.4	.0	.0	.2	.3	2.0	.5	.5	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	1.6	.4	.0	.0	.2	.4	2.0	.5	.6	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	1.5	.6	.1	.0	.2	.5	2.0	.5	.7	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	1.3	.6	.1	.0	.2	.6	1.8	.4	.7	.3
115.	*	.1	.1	.0	.0	.0	.0	.0	.2	.2	.4	1.1	.6	.1	.0	.2	.6	1.6	.4	.7	.3
120.	*	.1	.1	.1	.0	.0	.0	.0	.3	.2	.5	1.0	.6	.3	.0	.3	.8	1.6	.6	.7	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.3	.2	.6	.8	.8	.4	.0	.4	.6	1.4	.5	.7	.2
130.	*	.2	.1	.1	.1	.0	.0	.0	.3	.2	.7	.7	.5	.4	.2	.4	.7	1.2	.6	.5	.2
135.	*	.2	.2	.2	.1	.0	.0	.0	.3	.2	.9	.7	.6	.4	.2	.3	.7	1.0	.5	.4	.2
140.	*	.2	.2	.2	.1	.0	.0	.0	.3	.2	1.0	.5	.6	.5	.2	.3	.6	.8	.6	.4	.2
145.	*	.2	.3	.3	.1	.0	.0	.0	.3	.2	1.2	.6	.6	.5	.3	.3	.6	.6	.7	.3	.2
150.	*	.2	.3	.3	.1	.0	.0	.0	.3	.2	1.4	.5	.4	.4	.2	.2	.6	.4	.7	.3	.2
155.	*	.2	.3	.2	.1	.0	.0	.0	.3	.2	1.6	.5	.3	.5	.3	.0	.3	.5	.7	.2	.2
160.	*	.2	.2	.2	.1	.0	.0	.0	.3	.2	1.7	.6	.3	.6	.4	.0	.3	.3	.7	.2	.2
165.	*	.2	.2	.2	.1	.0	.0	.0	.3	.2	2.0	.6	.4	.6	.4	.0	.2	.3	.6	.2	.2
170.	*	.2	.2	.2	.1	.0	.0	.0	.2	.2	2.2	.5	.4	.6	.2	.0	.2	.2	.5	.2	.2
175.	*	.2	.2	.1	.2	.0	.0	.0	.2	.2	2.2	.5	.6	.7	.2	.0	.1	.2	.4	.2	.2
180.	*	.2	.2	.1	.2	.0	.0	.0	.2	.3	2.6	.3	.7	.7	.2	.0	.0	.1	.3	.2	.2
185.	*	.2	.2	.1	.3	.0	.0	.0	.2	.4	2.6	.3	.8	.7	.2	.0	.0	.1	.3	.2	.2
190.	*	.2	.2	.1	.5	.0	.0	.0	.3	.5	2.6	.3	.9	.6	.2	.0	.0	.1	.2	.2	.2
195.	*	.2	.2	.1	.5	.0	.0	.0	.3	.6	2.3	.5	1.0	.3	.2	.0	.0	.1	.2	.2	.2
200.	*	.2	.2	.1	.6	.1	.0	.0	.2	.7	2.3	.5	1.0	.3	.2	.0	.0	.1	.2	.2	.2
205.	*	.2	.2	.1	.7	.2	.1	.0	.2	.8	2.0	.5	.9	.3	.2	.0	.0	.0	.2	.3	.3

1

JOB: S12EXPM MD 188 & MIDDLEBROOK RD

RUN: S12 EXP MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.2	.1	.8	.3	.1	.0	.2	1.1	1.7	.5	.9	.2	.2	.0	.0	.0	.2	.3	.4
215.	*	.2	.2	.1	1.0	.4	.2	.0	.2	1.0	1.6	.4	.7	.2	.1	.0	.0	.0	.3	.3	.3
220.	*	.2	.2	.0	1.1	.5	.2	.0	.3	1.0	1.5	.6	.6	.2	.1	.0	.0	.0	.3	.2	.4
225.	*	.2	.1	.0	1.1	.6	.3	.0	.3	1.0	1.2	.7	.6	.2	.1	.0	.0	.0	.2	.2	.2
230.	*	.2	.1	.1	1.3	.6	.4	.1	.2	.9	1.2	.5	.4	.2	.1	.0	.0	.0	.2	.2	.1
235.	*	.2	.1	.1	1.4	.5	.4	.1	.2	.9	.8	.6	.3	.2	.1	.0	.0	.0	.1	.2	.1
240.	*	.2	.1	.1	1.4	.4	.7	.1	.1	.6	.7	.7	.3	.2	.2	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	1.5	.6	.6	.3	.0	.5	.5	.7	.2	.2	.2	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	1.5	.6	.6	.3	.0	.4	.5	.7	.2	.2	.3	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	1.5	.7	.8	.3	.0	.2	.3	.7	.2	.2	.2	.0	.0	.0	.0	.0	.0
260.	*	.2	.1	.2	1.4	.8	.8	.3	.0	.0	.3	.7	.2	.2	.2	.0	.0	.0	.0	.0	.0
265.	*	.3	.1	.2	1.2	.9	.7	.2	.0	.0	.3	.7	.2	.2	.2	.0	.0	.0	.0	.0	.0
270.	*	.3	.2	.3	1.1	1.0	.6	.2	.0	.0	.2	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.3	.2	.4	1.0	1.1	.5	.3	.0	.0	.1	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.3	.2	.5	.9	1.2	.4	.3	.0	.0	.1	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.2	.3	.5	.8	.9	.4	.3	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.2	.3	.6	.7	.9	.3	.2	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.2	.4	.7	.6	.7	.3	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	*	.2	.3	.8	.5	.6	.3	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.8	.7	.5	.3	.2	.0	.0	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.3	.7	.6	.4	.3	.2	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.4	.7	.6	.4	.2	.2	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
320.	*	.0	.3	.6	.7	.3	.2	.2	.0	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0
325.	*	.0	.2	.5	.8	.3	.2	.3	.0	.0	.0	.1	.3	.3	.2	.2	.1	.1	.0	.0	.0
330.	*	.0	.2	.5	.7	.3	.3	.3	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0
335.	*	.0	.1	.5	.8	.3	.3	.3	.0	.0	.0	.1	.2	.2	.1	.3	.1	.1	.2	.0	.0
340.	*	.0	.1	.4	.7	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.0
345.	*	.0	.0	.3	.7	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.3	.1	.2	.4	.0	.0
350.	*	.0	.0	.2	.6	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.3	.2	.5	.0	.0	.0
355.	*	.0	.0	.2	.5	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.6	.0	.0

360.	*	.0	.0	.1	.4	.3	.3	.2	.0	.0	S12EXPM.OUT	.0	.0	.0	.0	.0	.2	.2	.2	.8	.0	.0
MAX	*	.3	.4	.8	1.5	1.2	.8	.4	.4	1.1	2.6	1.6	1.0	.7	.4	.4	.8	2.0	1.3	.7	.6	
DEGR.	*	265	295	300	255	280	255	30	70	210	180	90	195	175	160	125	120	95	25	60	80	

1

JOB: S12EXPM MD 188 & MIDDLEBROOK RD

RUN: S12 EXPM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.3	.9	.3	.7	.6	.2
5.	*	.0	.2	.3	1.0	.4	.7	.4	.2
10.	*	.0	.2	.5	1.1	.5	.8	.5	.2
15.	*	.0	.2	.5	1.1	.7	.8	.2	.2
20.	*	.0	.2	.6	1.2	.6	.9	.1	.2
25.	*	.0	.2	.7	1.1	.6	.8	.1	.2
30.	*	.0	.2	.6	1.2	.8	.6	.1	.2
35.	*	.0	.3	.6	1.1	.6	.6	.1	.2
40.	*	.1	.3	.5	1.1	.7	.4	.1	.2
45.	*	.1	.3	.6	1.0	.7	.3	.2	.2
50.	*	.2	.2	.5	.8	.7	.2	.2	.2
55.	*	.3	.0	.3	.5	.8	.1	.2	.2
60.	*	.4	.0	.2	.4	.8	.1	.2	.2
65.	*	.3	.0	.1	.2	.7	.1	.2	.2
70.	*	.3	.0	.1	.1	.6	.1	.2	.2
75.	*	.2	.0	.0	.1	.5	.1	.2	.2
80.	*	.2	.0	.0	.1	.4	.1	.3	.2
85.	*	.2	.0	.0	.0	.3	.1	.3	.2
90.	*	.2	.0	.0	.0	.2	.2	.3	.2
95.	*	.2	.0	.0	.0	.1	.2	.3	.2
100.	*	.2	.0	.0	.0	.1	.2	.3	.2
105.	*	.2	.0	.0	.0	.2	.2	.2	.3
110.	*	.2	.0	.0	.0	.2	.3	.2	.2
115.	*	.2	.0	.0	.0	.3	.3	.2	.1
120.	*	.2	.0	.0	.0	.3	.3	.1	.1
125.	*	.2	.0	.0	.0	.2	.2	.1	.1
130.	*	.3	.0	.0	.0	.1	.2	.1	.1
135.	*	.3	.0	.0	.0	.0	.1	.1	.1
140.	*	.3	.0	.0	.0	.0	.0	.0	.0
145.	*	.3	.0	.0	.0	.0	.0	.0	.0
150.	*	.3	.0	.0	.0	.0	.0	.0	.0
155.	*	.3	.0	.0	.0	.0	.0	.0	.0
160.	*	.3	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.0	.0	.0	.0	.0	.0
195.	*	.3	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12EXPM MD 188 & MIDDLEBROOK RD

RUN: S12 EXPM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.0	.0	.0	.0	.0	.0
215.	*	.2	.1	.0	.0	.0	.0	.0	.0
220.	*	.2	.1	.0	.0	.0	.0	.0	.0
225.	*	.2	.1	.2	.0	.0	.0	.0	.0
230.	*	.1	.2	.2	.0	.0	.0	.0	.0
235.	*	.1	.3	.3	.1	.0	.0	.0	.0
240.	*	.1	.3	.3	.2	.1	.0	.0	.0
245.	*	.0	.3	.2	.2	.2	.0	.0	.0
250.	*	.0	.3	.2	.2	.3	.0	.0	.0
255.	*	.0	.3	.2	.2	.5	.0	.0	.0
260.	*	.0	.3	.2	.2	.6	.0	.0	.0
265.	*	.0	.3	.2	.2	.8	.0	.0	.0
270.	*	.0	.2	.2	.2	1.1	.0	.0	.0
275.	*	.0	.2	.2	.1	1.2	.1	.0	.0
280.	*	.0	.2	.2	.2	1.4	.1	.0	.0
285.	*	.0	.2	.3	.2	1.6	.3	.1	.0
290.	*	.0	.2	.2	.2	1.6	.3	.1	.0
295.	*	.0	.2	.2	.2	1.6	.4	.1	.1
300.	*	.0	.2	.2	.2	1.6	.4	.1	.1
305.	*	.0	.1	.2	.2	1.5	.6	.3	.2
310.	*	.0	.1	.1	.2	1.4	.7	.3	.1
315.	*	.0	.2	.2	.2	1.1	.7	.3	.1
320.	*	.0	.2	.2	.2	1.0	.6	.3	.2
325.	*	.0	.2	.2	.2	1.1	.5	.5	.3
330.	*	.0	.2	.2	.2	1.0	.5	.6	.3
335.	*	.0	.2	.2	.2	.9	.5	.4	.3
340.	*	.0	.2	.2	.4	.8	.4	.5	.2
345.	*	.0	.2	.2	.4	.6	.2	.5	.2
350.	*	.0	.2	.2	.6	.6	.5	.6	.2
355.	*	.0	.2	.2	.8	.5	.5	.7	.2
360.	*	.0	.2	.3	.9	.3	.7	.6	.2

S12EXPM.OUT

```

-----*-----
MAX * .4 .3 .7 1.2 1.6 .9 .7 .3
DEGR. * 60 35 25 20 300 20 355 105

```

THE HIGHEST CONCENTRATION IS 2.60 PPM AT 180 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 2.00 PPM AT 95 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 300 DEGREES FROM REC25.

1

PAGE 7

JOB: S12EXPM MD 188 & MIDDLEBROOK RD
 DATE: 12/14/2006 TIME: 11:33:10.07

RUN: S12 EXPM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 265	REC2 295	REC3 300	REC4 255	REC5 280	REC6 255	REC7 30	REC8 70	REC9 210	REC10 180	REC11 90	REC12 195	REC13 175	REC14 160	REC15 125	REC16 120	REC17 95	REC18 25	REC19 60	REC20 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.3	.5	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
15	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.1	.0	.2	.9	.7	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.2	.4	.4	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.1	.0	.2	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.1	.0	.0	.2	.5	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0
37	.0	.0	.0	.0	.4	.2	.0	.0	.4	1.5	1.0	.0	.0	.0	.1	.1	.2	.0	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2

1

PAGE 8

JOB: S12EXPM MD 188 & MIDDLEBROOK RD
 DATE: 12/14/2006 TIME: 11:33:10.07

RUN: S12 EXPM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 60	REC22 35	REC23 25	REC24 20	REC25 300	REC26 20	REC27 355	REC28 105
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.3	.2	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.1	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.1	.1	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.2
20	.0	.0	.0	.0	.0	.0	.1	.0
21	.0	.0	.0	.0	.0	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.1	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.1	.1	.2	.7	1.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.1	.2	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0	S12EXPM.OUT
30	*	.0	.0	.0	.0	.2	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.1	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.1	.1	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.1	.1	.0	.1	.1	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.2	.0	.0	.0	.0	.0	.0	
43	*	.1	.0	.1	.1	.1	.0	.0	

				S12NB15A				
S12	NB15AM MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1				
REC 1	400' SE CORNER	236972.	550543.	5.				
REC 2	164' SE CORNER	236786.	550681.	5.				
REC 3	82' SE CORNER	236718.	550732.	5.				
REC 4	SE CORNER	236670.	550810.	5.				
REC 5	82' ES CORNER	236732.	550904.	5.				
REC 6	164' ES CORNER	236802.	550952.	5.				
REC 7	400' ES CORNER	237012.	551066.	5.				
REC 8	400' EN CORNER	236879.	551150.	5.				
REC 9	164' EN CORNER	236696.	551015.	5.				
REC 10	82' EN CORNER	236625.	550967.	5.				
REC 11	NE CORNER	236556.	550926.	5.				
REC 12	82' NE CORNER	236497.	550986.	5.				
REC 13	164' NE CORNE	236453.	551054.	5.				
REC 14	400' NE CORNE	236331.	551248.	5.				
REC 15	400' NW CORNE	236236.	551184.	5.				
REC 16	164' NW CORNE	236365.	550986.	5.				
REC 17	82' NW CORNER	236408.	550919.	5.				
REC 18	NW CORNER	236436.	550849.	5.				
REC 19	82' WN CORNE	236386.	550805.	5.				
REC 20	164' WN CORN	236322.	550754.	5.				
REC 21	400' WN CORN	236144.	550590.	5.				
REC 22	400' WS CORN	236223.	550477.	5.				
REC 23	164' WS CORN	236398.	550636.	5.				
REC 24	82' WS CORNE	236457.	550687.	5.				
REC 25	SW CORNER	236533.	550735.	5.				
REC 26	82' SW CORNER	236587.	550682.	5.				
REC 27	164' SW CORNE	236648.	550632.	5.				
REC 28	400' SW CORNE	236838.	550500.	5.				
S12	NB15AM MD 118 & MIDDLEBROOK	43	1	1				
1								
1	NB MID ALLAG237337.550222.237209.550341.	775	3.3	0.	56.	40.		
2	NB MID ALLAG237209.550341.236696.550700.	775	3.3	0.	56.	40.		
3	NB MID THRAG236696.550700.236566.550847.	250	3.3	0.	44.	40.		
3	NB MID THRAG236603.550805.236689.550707.	0.	24.	2				
110	90 2.0 250 33.4 1770 2 3							
5	NB MID LT AG236684.550687.236552.550836.	200	3.3	0.	32.	40.		
6	NB MID LT AG236587.550797.236678.550694.	0.	12.	1				
110	93 2.0 200 33.4 1770 2 3							
0	NB Mid R AG236669.550884.236649.550822.	325	3.3	0.	32.	40.		
0	NB Mid R AG236649.550822.236670.550750.	325	3.3	0.	32.	40.		
0	NB Mid R AG236651.550815.236667.550761.	0.	12.	1				
110	90 2.0 325 33.4 1583 2 3							
9	NB MID DP AG236566.550847.236306.551241.	450	3.3	0.	44.	40.		
10	NB MID DP AG236306.551241.236018.551679.	450	3.3	0.	44.	40.		
11	SB MID ALLAG235966.551646.236215.551261.	650	3.3	0.	44.	40.		
12	SB MID ALLAG236215.551261.236279.551162.	650	3.3	0.	44.	40.		
13	SB MID THRAG236279.551162.236507.550815.	425	3.3	0.	44.	40.		
14	SB MID THRAG236465.550879.236345.551062.	0.	24.	2				
110	90 2.0 425 33.4 1739 2 3							
15	SB MID LT AG236317.551138.236525.550822.	225	3.3	0.	44.	40.		
16	SB MID LT AG236483.550885.236350.551089.	0.	24.	2				
110	93 2.0 225 33.4 1717 2 3							
36	SB 118 dp AG237203.550284.237038.550398.	925	3.3	0.	56.	40.		
36	SB 118 dp AG237038.550398.236686.550638.	925	3.3	0.	56.	40.		
36	SB 118 dp AG236686.550638.236601.550708.	925	3.3	0.	56.	40.		
36	SB 118 dp AG236601.550708.236508.550812.	925	3.3	0.	56.	40.		
36	SB 118 dp AG237309.550186.237203.550284.	925	3.3	0.	56.	40.		
30	EB 118 ALLAG235825.550135.236257.550551.	800	3.3	0.	56.	40.		
31	EB 118 ALLAG236257.550551.236356.550646.	800	3.3	0.	56.	40.		
32	EB 118 THRAG236356.550646.236556.550814.	450	3.3	0.	56.	40.		
33	EB 118 THRAG236501.550767.236378.550664.	0.	36.	3				
110	49 3.0 450 33.4 1695 2 3							
35	EB 118 LT AG236343.550661.236542.550825.	50	3.3	0.	32.	40.		
35	EB 118 LT AG236490.550783.236370.550684.	0.	12.	1				
110	96 3.0 50 33.4 1770 2 3							
36	EB 118 RT AG236369.550631.236545.550780.	300	3.3	0.	32.	40.		
37	EB 118 RT AG236512.550752.236394.550653.	0.	12.	1				
64	40 3.0 1 33.4 1750 2 3							
36	EB 118 dp AG237409.551330.236992.551100.	700	3.3	0.	56.	40.		
36	EB 118 dp AG236992.551100.236559.550816.	700	3.3	0.	56.	40.		
1	WB 118 L AG236544.550848.236745.550992.	250	3.3	0.	44.	40.		
2	WB 118 L AG236607.550893.236733.550984.	0.	24.	2				

										S12NB15A			
	110	93	3.0	250	33.4	1717	2	3					
0 1		WB 118 L	AG236745.550992.236874.551071.		250	3.3	0.	44.	40.				
0 1		WB 118 T	AG236529.550869.236744.551018.		1850	3.3	0.	56.	40.				
0 2		WB 118 T	AG236594.550913.236725.551004.		0.	36.	3						
0 110		49	3.0 1850	33.4 1677	2	3							
0 1		WB 118 T	AG236744.551018.236869.551096.		1850	3.3	0.	56.	40.				
0 1		WB 118 All	AG236878.551092.237118.551237.		2100	3.3	0.	56.	40.				
0 1		WB 118 All	AG237118.551237.237378.551379.		2100	3.3	0.	56.	40.				
0 1		WB 118 dp	AG235774.550188.236140.550540.		1950	3.3	0.	56.	40.				
0 1		WB 118 dp	AG236144.550540.236314.550705.		1950	3.3	0.	56.	40.				
0 1		WB 118 dp	AG236314.550705.236529.550868.		1950	3.3	0.	56.	40.				
1.0 0.4	1000.	0.0Y	5	0 72									

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:17.24

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	775.	3.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	775.	3.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	250.	3.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236643.6	550758.7	*	62.	139. AG	147.	100.0	.0	24.0	.49 3.1
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	3.3	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236678.0	550694.0	*	137.	139. AG	76.	100.0	.0	12.0	.96 7.0
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	325.	3.3	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	325.	3.3	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236983.6	549691.5	*	1172.	164. AG	73.	100.0	.0	12.0	1.41 59.5
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	450.	3.3	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	450.	3.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	650.	3.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	650.	3.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	425.	3.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236402.7	550974.0	*	114.	327. AG	147.	100.0	.0	24.0	.84 5.8
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	225.	3.3	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236451.9	550932.7	*	57.	327. AG	151.	100.0	.0	24.0	.55 2.9
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	800.	3.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	800.	3.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	450.	3.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236470.2	550741.2	*	40.	230. AG	120.	100.0	.0	36.0	.17 2.0
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	3.3	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236469.8	550766.3	*	26.	230. AG	78.	100.0	.0	12.0	.35 1.3
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	300.	3.3	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	56.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	700.	3.3	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	700.	3.3	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	250.	3.3	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	236658.5	550930.2	*	64.	54. AG	151.	100.0	.0	24.0	.67 3.2
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	250.	3.3	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1850.	3.3	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236729.6	551007.2	*	165.	55. AG	120.	100.0	.0	36.0	.72 8.4
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1850.	3.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2100.	3.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2100.	3.3	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1950.	3.3	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1950.	3.3	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1950.	3.3	.0	56.0	

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:17.24

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	110	90	2.0	250	1770	33.40	2	3
6. 6	NB MID LT*	110	93	2.0	200	1770	33.40	2	3
9. 0	NB Mid R*	110	90	2.0	325	1583	33.40	2	3
15. 14	SB MID THR*	110	90	2.0	425	1739	33.40	2	3
17. 16	SB MID LT*	110	93	2.0	225	1717	33.40	2	3
26. 33	EB 118 THR*	110	49	3.0	450	1695	33.40	2	3
28. 35	EB 118 LT*	110	96	3.0	50	1770	33.40	2	3
30. 37	EB 118 RT*	64	40	3.0	1	1750	33.40	2	3
34. 0	WB 118 L*	110	93	3.0	250	1717	33.40	2	3
37. 0	WB 118 T*	110	49	3.0	1850	1677	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 *
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

S12NB15A.OUT

1

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.0
5.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.1	.0
10.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.1	.0
15.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0
20.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.1	.1
25.	*	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.5	.2	.1
30.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.2	.1
35.	*	.0	.0	.0	.1	.2	.2	.3	.0	.0	.1	.0	.0	.0	.0	.1	.0	.4	.4	.2	.1
40.	*	.0	.0	.0	.1	.2	.2	.2	.0	.1	.1	.1	.0	.0	.0	.1	.0	.4	.4	.2	.2
45.	*	.0	.0	.0	.0	.2	.2	.2	.0	.2	.2	.2	.0	.0	.0	.1	.0	.4	.3	.3	.2
50.	*	.0	.0	.0	.0	.2	.2	.2	.0	.2	.2	.2	.0	.0	.0	.1	.0	.4	.4	.5	.2
55.	*	.0	.0	.0	.0	.1	.2	.1	.0	.3	.5	.4	.0	.0	.0	.1	.0	.4	.4	.4	.2
60.	*	.0	.0	.0	.0	.1	.1	.1	.1	.3	.5	.4	.0	.0	.0	.1	.0	.5	.5	.4	.3
65.	*	.0	.0	.0	.0	.1	.1	.0	.2	.5	.6	.5	.0	.0	.0	.1	.0	.5	.4	.4	.2
70.	*	.0	.0	.0	.0	.1	.1	.0	.2	.5	.7	.5	.0	.0	.0	.1	.0	.6	.4	.4	.3
75.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.8	.7	.0	.0	.0	.1	.0	.8	.4	.3	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.7	.1	.0	.0	.1	.0	.8	.3	.2	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.6	.2	.0	.0	.1	.1	.8	.3	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.7	.7	.2	.0	.0	.1	.2	.8	.2	.2	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.7	.2	.0	.0	.1	.3	.8	.2	.2	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.6	.2	.1	.0	.1	.5	.8	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.6	.3	.1	.0	.1	.5	.8	.3	.3	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.6	.3	.2	.0	.1	.5	.7	.3	.3	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.5	.3	.2	.0	.1	.5	.8	.3	.3	.2
120.	*	.1	.1	.0	.0	.0	.0	.0	.2	.5	.6	.4	.3	.2	.0	.1	.5	.6	.2	.3	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.5	.7	.4	.3	.2	.0	.1	.5	.6	.4	.3	.2
130.	*	.1	.1	.1	.0	.0	.0	.0	.2	.5	.6	.3	.3	.2	.0	.0	.6	.5	.4	.3	.2
135.	*	.1	.1	.1	.0	.0	.0	.0	.2	.6	.7	.3	.1	.1	.0	.0	.5	.5	.3	.2	.2
140.	*	.1	.1	.1	.1	.0	.0	.0	.2	.6	.8	.3	.2	.2	.0	.0	.6	.3	.4	.2	.2
145.	*	.1	.1	.1	.1	.0	.0	.0	.2	.6	.8	.4	.3	.2	.1	.0	.3	.3	.4	.2	.2
150.	*	.1	.2	.2	.1	.0	.0	.0	.2	.6	.8	.4	.3	.2	.1	.0	.3	.1	.3	.2	.2
155.	*	.1	.2	.3	.1	.0	.0	.0	.2	.6	.9	.5	.3	.2	.1	.0	.2	.1	.3	.2	.2
160.	*	.1	.2	.3	.2	.0	.0	.0	.2	.6	.8	.5	.3	.2	.1	.0	.2	.1	.3	.2	.2
165.	*	.1	.3	.3	.3	.1	.0	.0	.1	.7	.9	.4	.1	.3	.1	.0	.1	.1	.3	.2	.2
170.	*	.1	.3	.3	.3	.1	.0	.0	.1	.7	1.0	.2	.2	.4	.1	.0	.1	.1	.2	.2	.2
175.	*	.2	.3	.3	.3	.1	.0	.0	.1	.7	1.1	.2	.3	.4	.1	.0	.1	.1	.2	.2	.3
180.	*	.2	.2	.3	.4	.1	.1	.0	.2	.7	1.0	.2	.3	.4	.1	.0	.1	.1	.2	.2	.2
185.	*	.2	.2	.3	.4	.1	.1	.0	.2	.7	.9	.2	.3	.5	.1	.0	.0	.1	.2	.2	.2
190.	*	.2	.2	.3	.4	.1	.1	.0	.2	.8	.8	.2	.4	.5	.1	.0	.0	.1	.2	.2	.2
195.	*	.2	.2	.2	.4	.1	.1	.0	.2	.7	.8	.3	.5	.4	.1	.0	.0	.1	.2	.2	.2
200.	*	.2	.2	.2	.4	.1	.1	.0	.1	.9	.8	.3	.5	.2	.1	.0	.0	.1	.2	.2	.3
205.	*	.2	.2	.1	.4	.1	.1	.0	.1	.9	.7	.3	.5	.2	.0	.0	.0	.1	.2	.3	.3

1

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.2	.1	.4	.2	.0	.0	.1	.9	.7	.2	.6	.2	.0	.0	.0	.1	.2	.3	.3
215.	*	.2	.2	.1	.5	.1	.0	.0	.1	.9	.7	.3	.4	.1	.0	.0	.0	.0	.3	.3	.4
220.	*	.2	.2	.1	.5	.1	.1	.0	.3	.8	.6	.3	.3	.1	.0	.0	.0	.0	.3	.3	.4
225.	*	.2	.2	.1	.5	.2	.1	.0	.3	.9	.5	.3	.4	.1	.0	.0	.0	.0	.2	.2	.3
230.	*	.2	.2	.2	.5	.2	.1	.0	.3	.8	.4	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2
235.	*	.2	.2	.2	.5	.1	.1	.0	.3	.5	.4	.4	.3	.1	.0	.0	.0	.0	.1	.2	.1
240.	*	.2	.2	.2	.5	.1	.1	.1	.2	.4	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1
245.	*	.2	.2	.2	.5	.2	.2	.1	.0	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.2	.2	.2	.5	.2	.4	.2	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.2	.2	.2	.6	.4	.4	.2	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.2	.2	.5	.3	.4	.2	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.2	.4	.4	.4	.2	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.2	.2	.3	.5	.4	.2	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.3	.3	.6	.4	.2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.3	.4	.3	.4	.4	.2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	*	.1	.3	.4	.2	.4	.4	.2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
290.	*	.1	.3	.3	.2	.5	.4	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.3	.2	.5	.3	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.5	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.1	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.2	.2	.4	.3	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.3	.3	.4	.2	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.2	.1	.0	.0
335.	*	.0	.1	.3	.3	.4	.2	.1	.0	.0	.0	.0	.1	.0	.0	.2	.1	.2	.1	.0	.0
340.	*	.0	.1	.3	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0
345.	*	.0	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.0	.0
350.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0	.0
355.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.0	.0

S12NB15A.OUT																				
360.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.1	.0
MAX	*	.2	.3	.4	.6	.6	.4	.3	.3	.9	1.1	.7	.6	.5	.1	.2	.6	.8	.5	.5
DEGR.	*	175	165	280	255	275	250	35	220	225	175	75	210	185	145	335	130	75	15	50

1

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.1	.3	.1	.3	.5	.1
5.	*	.0	.2	.2	.4	.2	.5	.5	.1
10.	*	.0	.2	.3	.3	.2	.5	.3	.1
15.	*	.0	.2	.2	.3	.3	.5	.3	.1
20.	*	.0	.2	.3	.4	.3	.4	.3	.1
25.	*	.0	.2	.3	.5	.4	.4	.2	.1
30.	*	.0	.2	.3	.5	.4	.3	.2	.1
35.	*	.0	.2	.3	.5	.5	.4	.2	.1
40.	*	.1	.1	.3	.4	.4	.4	.2	.1
45.	*	.1	.0	.1	.2	.3	.3	.2	.1
50.	*	.3	.0	.0	.0	.3	.3	.2	.1
55.	*	.3	.0	.0	.1	.3	.3	.2	.1
60.	*	.3	.0	.0	.1	.3	.3	.2	.1
65.	*	.2	.0	.0	.1	.3	.3	.2	.1
70.	*	.2	.0	.0	.0	.3	.3	.2	.1
75.	*	.2	.0	.0	.0	.4	.3	.2	.1
80.	*	.2	.0	.0	.0	.4	.2	.3	.1
85.	*	.2	.0	.0	.0	.4	.2	.3	.1
90.	*	.2	.0	.0	.0	.3	.2	.4	.2
95.	*	.2	.0	.0	.0	.3	.2	.4	.2
100.	*	.2	.0	.0	.0	.3	.2	.3	.1
105.	*	.2	.0	.0	.0	.2	.3	.3	.1
110.	*	.2	.0	.0	.0	.2	.4	.2	.1
115.	*	.2	.0	.0	.0	.2	.3	.2	.1
120.	*	.2	.0	.0	.0	.3	.3	.2	.1
125.	*	.2	.0	.0	.0	.2	.3	.2	.1
130.	*	.2	.0	.0	.0	.2	.3	.2	.1
135.	*	.2	.0	.0	.1	.1	.2	.2	.1
140.	*	.2	.0	.0	.0	.1	.1	.1	.0
145.	*	.2	.0	.0	.0	.1	.1	.1	.0
150.	*	.2	.0	.0	.0	.1	.1	.1	.0
155.	*	.2	.0	.0	.0	.1	.1	.1	.0
160.	*	.2	.0	.0	.0	.0	.1	.1	.0
165.	*	.2	.0	.0	.0	.0	.0	.1	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.1
175.	*	.2	.0	.0	.0	.0	.0	.0	.1
180.	*	.2	.0	.0	.0	.0	.0	.0	.1
185.	*	.2	.0	.0	.0	.0	.0	.0	.1
190.	*	.2	.0	.0	.0	.0	.0	.0	.1
195.	*	.2	.0	.0	.0	.0	.0	.0	.1
200.	*	.3	.0	.0	.0	.0	.0	.0	.1
205.	*	.3	.0	.0	.0	.0	.0	.0	.1

1

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.1
215.	*	.2	.1	.0	.0	.0	.0	.0	.1
220.	*	.2	.1	.0	.0	.0	.0	.0	.1
225.	*	.2	.1	.0	.0	.0	.0	.0	.1
230.	*	.1	.1	.0	.0	.0	.0	.0	.1
235.	*	.1	.2	.2	.0	.0	.0	.0	.1
240.	*	.1	.2	.2	.2	.0	.0	.0	.1
245.	*	.0	.2	.2	.2	.0	.0	.0	.1
250.	*	.0	.2	.2	.2	.1	.0	.0	.1
255.	*	.0	.2	.2	.2	.1	.0	.0	.1
260.	*	.0	.2	.2	.2	.2	.0	.0	.1
265.	*	.0	.2	.2	.2	.2	.0	.0	.1
270.	*	.0	.2	.2	.2	.2	.0	.0	.1
275.	*	.0	.2	.2	.2	.3	.0	.0	.1
280.	*	.0	.2	.1	.1	.3	.0	.0	.1
285.	*	.0	.2	.1	.1	.3	.1	.0	.1
290.	*	.0	.2	.1	.1	.3	.1	.0	.1
295.	*	.0	.2	.1	.1	.3	.2	.0	.2
300.	*	.0	.2	.1	.1	.3	.2	.0	.2
305.	*	.0	.2	.1	.1	.3	.2	.0	.2
310.	*	.0	.2	.0	.1	.3	.3	.1	.2
315.	*	.0	.2	.1	.1	.2	.3	.1	.2
320.	*	.0	.2	.1	.1	.3	.2	.1	.2
325.	*	.0	.2	.1	.1	.4	.3	.1	.2
330.	*	.0	.2	.1	.1	.4	.3	.1	.2
335.	*	.0	.2	.1	.1	.4	.2	.1	.1
340.	*	.0	.2	.1	.1	.4	.1	.3	.1
345.	*	.0	.2	.1	.2	.4	.1	.3	.1
350.	*	.0	.2	.1	.2	.2	.1	.3	.1
355.	*	.0	.2	.1	.2	.2	.1	.4	.1
360.	*	.0	.2	.1	.3	.1	.3	.5	.1

```

-----*-----
MAX  *   .3   .2   .3   .5   .5   .5   .5   .2
DEGR *  50   0   10  25  35   5   0   90

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 175 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 225 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 75 DEGREES FROM REC17.

1

PAGE 7

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:48:17.24

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 165	REC3 280	REC4 255	REC5 275	REC6 250	REC7 35	REC8 220	REC9 225	REC10 175	REC11 75	REC12 210	REC13 185	REC14 145	REC15 335	REC16 130	REC17 75	REC18 15	REC19 50	REC20 215
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.4	.4	.3	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.1	.0	.1	.3	.2	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0
37	.0	.0	.0	.0	.1	.1	.0	.1	.4	.4	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
43	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1

1

PAGE 8

JOB: S12 NB15AM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:48:17.24

RUN: S12 NB15AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 50	REC22 0	REC23 10	REC24 25	REC25 35	REC26 5	REC27 0	REC28 90
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.0	.0	.0	.0
26	.0	.0	.0	.1	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.1	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.1	.1	.1	.0	.0
37	*	.0	.0	.0	.0	.1	.1	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.1	.0	.0	.0	.0

S12NB15A.OUT

										S12NB15P		
S12	NB15PM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1							
REC 1	400'	SE CORNER	236972.	550543.	5.							
REC 2	164'	SE CORNER	236786.	550681.	5.							
REC 3	82'	SE CORNER	236718.	550732.	5.							
REC 4		SE CORNER	236670.	550810.	5.							
REC 5	82'	ES CORNER	236732.	550904.	5.							
REC 6	164'	ES CORNER	236802.	550952.	5.							
REC 7	400'	ES CORNER	237012.	551066.	5.							
REC 8	400'	EN CORNER	236879.	551150.	5.							
REC 9	164'	EN CORNER	236696.	551015.	5.							
REC 10	82'	EN CORNER	236625.	550967.	5.							
REC 11		NE CORNER	236556.	550926.	5.							
REC 12	82'	NE CORNER	236497.	550986.	5.							
REC 13	164'	NE CORNE	236453.	551054.	5.							
REC 14	400'	NE CORNE	236331.	551248.	5.							
REC 15	400'	NW CORNE	236236.	551184.	5.							
REC 16	164'	NW CORNE	236365.	550986.	5.							
REC 17	82'	NW CORNER	236408.	550919.	5.							
REC 18		NW CORNER	236436.	550849.	5.							
REC 19	82'	WN CORNE	236386.	550805.	5.							
REC 20	164'	WN CORN	236322.	550754.	5.							
REC 21	400'	WN CORN	236144.	550590.	5.							
REC 22	400'	WS CORN	236223.	550477.	5.							
REC 23	164'	WS CORN	236398.	550636.	5.							
REC 24	82'	WS CORNE	236457.	550687.	5.							
REC 25		SW CORNER	236533.	550735.	5.							
REC 26	82'	SW CORNER	236587.	550682.	5.							
REC 27	164'	SW CORNE	236648.	550632.	5.							
REC 28	400'	SW CORNE	236838.	550500.	5.							
S12	NB15PM	MD 118 & MIDDLEBROOK	43	1	1							
1												
1		NB MID ALLAG237337.550222.237209.550341.	1100	3.3	0. 56. 40.							
2		NB MID ALLAG237209.550341.236696.550700.	1100	3.3	0. 56. 40.							
3		NB MID THRAG236696.550700.236566.550847.	500	3.3	0. 44. 40.							
3		NB MID THRAG236603.550805.236689.550707.	0.	24.	2							
65		43 4.0 500 33.4 1770 2 3										
5		NB MID LT AG236684.550687.236552.550836.	250	3.3	0. 32. 40.							
6		NB MID LT AG236587.550797.236678.550694.	0.	12.	1							
65		47 4.0 250 33.4 1770 2 3										
0		NB Mid R AG236669.550884.236649.550822.	350	3.3	0. 32. 40.							
0		NB Mid R AG236649.550822.236670.550750.	350	3.3	0. 32. 40.							
0		NB Mid R AG236651.550815.236667.550761.	0.	12.	1							
65		43 4.0 350 33.4 1583 2 3										
9		NB MID DP AG236566.550847.236306.551241.	1100	3.3	0. 44. 40.							
10		NB MID DP AG236306.551241.236018.551679.	1100	3.3	0. 44. 40.							
11		SB MID ALLAG235966.551646.236215.551261.	1000	3.3	0. 44. 40.							
12		SB MID ALLAG236215.551261.236279.551162.	1000	3.3	0. 44. 40.							
13		SB MID THRAG236279.551162.236507.550815.	550	3.3	0. 44. 40.							
14		SB MID THRAG236465.550879.236345.551062.	0.	24.	2							
65		43 4.0 550 33.4 1720 2 3										
15		SB MID LT AG236317.551138.236525.550822.	325	3.3	0. 44. 40.							
16		SB MID LT AG236483.550885.236350.551089.	0.	24.	2							
65		47 4.0 325 33.4 1717 2 3										
36		SB 118 dp AG237203.550284.237038.550398.	925	3.3	0. 56. 40.							
36		SB 118 dp AG237038.550398.236686.550638.	925	3.3	0. 56. 40.							
36		SB 118 dp AG236686.550638.236601.550708.	925	3.3	0. 56. 40.							
36		SB 118 dp AG236601.550708.236508.550812.	925	3.3	0. 56. 40.							
36		SB 118 dp AG237309.550186.237203.550284.	925	3.3	0. 56. 40.							
30		EB 118 ALLAG235825.550135.236257.550551.	875	3.3	0. 56. 40.							
31		EB 118 ALLAG236257.550551.236356.550646.	875	3.3	0. 56. 40.							
32		EB 118 THRAG236356.550646.236556.550814.	775	3.3	0. 56. 40.							
33		EB 118 THRAG236501.550767.236378.550664.	0.	36.	3							
65		45 4.0 775 33.4 1695 2 3										
35		EB 118 LT AG236343.550661.236542.550825.	50	3.3	0. 32. 40.							
35		EB 118 LT AG236490.550783.236370.550684.	0.	12.	1							
65		50 4.0 50 33.4 1770 2 3										
36		EB 118 RT AG236369.550631.236545.550780.	50	3.3	0. 32. 40.							
37		EB 118 RT AG236512.550752.236394.550653.	0.	12.	1							
75		40 4.0 1 33.4 1750 2 3										
36		EB 118 dp AG237409.551330.236992.551100.	1450	3.3	0. 56. 40.							
36		EB 118 dp AG236992.551100.236559.550816.	1450	3.3	0. 56. 40.							
1		WB 118 L AG236544.550848.236745.550992.	325	3.3	0. 44. 40.							
2		WB 118 L AG236607.550893.236733.550984.	0.	24.	2							

										S12NB15P			
	1	65	50	4.0	325	33.4	1717	2	3				
0	1		WB 118 L	AG236745.550992.236874.551071.		325	3.3	0.	44.	40.			
0	1		WB 118 T	AG236529.550869.236744.551018.		275	3.3	0.	56.	40.			
0	2		WB 118 T	AG236594.550913.236725.551004.		0.	36.	3					
0		65	45	4.0	275	33.4	1707	2	3				
0	1		WB 118 T	AG236744.551018.236869.551096.		275	3.3	0.	56.	40.			
0	1		WB 118 All	AG236878.551092.237118.551237.		1075	3.3	0.	56.	40.			
0	1		WB 118 All	AG237118.551237.237378.551379.		1075	3.3	0.	56.	40.			
0	1		WB 118 dp	AG235774.550188.236140.550540.		650	3.3	0.	56.	40.			
0	1		WB 118 dp	AG236144.550540.236314.550705.		650	3.3	0.	56.	40.			
0	1		WB 118 dp	AG236314.550705.236529.550868.		650	3.3	0.	56.	40.			
1.0	0.4	1000.	0.0Y	5	0	72							

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:35.81

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1100.	3.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1100.	3.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	500.	3.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236641.8	550760.8	*	59.	139. AG	119.	100.0	.0	24.0	.57 3.0
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	250.	3.3	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236631.8	550746.3	*	68.	139. AG	65.	100.0	.0	12.0	.77 3.4
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	350.	3.3	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	350.	3.3	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236681.8	550710.9	*	109.	164. AG	59.	100.0	.0	12.0	.90 5.5
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1100.	3.3	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1100.	3.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1000.	3.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1000.	3.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	550.	3.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236429.6	550933.1	*	65.	327. AG	119.	100.0	.0	24.0	.65 3.3
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	325.	3.3	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236460.3	550919.9	*	42.	327. AG	130.	100.0	.0	24.0	.51 2.1
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	875.	3.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	875.	3.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	775.	3.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236452.3	550726.2	*	63.	230. AG	186.	100.0	.0	36.0	.71 3.2
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	3.3	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236479.5	550774.3	*	14.	230. AG	69.	100.0	.0	12.0	.20 .7
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	3.3	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	48.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1450.	3.3	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1450.	3.3	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	325.	3.3	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	237210.3	551328.7	*	744.	54. AG	138.	100.0	.0	24.0	1.64 37.8
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	325.	3.3	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	275.	3.3	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236612.4	550925.8	*	22.	55. AG	186.	100.0	.0	36.0	.25 1.1
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	275.	3.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1075.	3.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1075.	3.3	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	650.	3.3	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	650.	3.3	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	650.	3.3	.0	56.0	

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:35.81

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	65	43	4.0	500	1770	33.40	2	3
6. 6	NB MID LT*	65	47	4.0	250	1770	33.40	2	3
9. 0	NB Mid R*	65	43	4.0	350	1583	33.40	2	3
15. 14	SB MID THR*	65	43	4.0	550	1720	33.40	2	3
17. 16	SB MID LT*	65	47	4.0	325	1717	33.40	2	3
26. 33	EB 118 THR*	65	45	4.0	775	1695	33.40	2	3
28. 35	EB 118 LT*	65	50	4.0	50	1770	33.40	2	3
30. 37	EB 118 RT*	75	40	4.0	1	1750	33.40	2	3
34. 0	WB 118 L*	65	50	4.0	325	717	33.40	1	3
37. 0	WB 118 T*	65	45	4.0	275	1707	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 *
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

S12NB15P.OUT

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0
5.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0
10.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.0	.0
15.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.1	.0
20.	*	.0	.1	.2	.3	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0
25.	*	.0	.1	.2	.3	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.0
30.	*	.0	.1	.1	.3	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.1	.0
35.	*	.0	.0	.1	.3	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.2	.0
40.	*	.0	.0	.1	.3	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.0
45.	*	.0	.0	.0	.2	.5	.5	.3	.0	.1	.1	.1	.0	.0	.0	.1	.2	.3	.3	.3	.1
50.	*	.0	.0	.0	.2	.5	.5	.2	.1	.1	.1	.1	.0	.0	.0	.1	.2	.3	.3	.3	.1
55.	*	.0	.0	.0	.2	.4	.4	.2	.1	.2	.2	.2	.0	.0	.0	.1	.2	.4	.3	.1	.2
60.	*	.0	.0	.0	.0	.3	.4	.1	.2	.3	.3	.2	.1	.0	.0	.1	.2	.5	.3	.2	.2
65.	*	.0	.0	.0	.0	.2	.2	.1	.3	.3	.3	.4	.1	.0	.0	.1	.3	.5	.3	.3	.3
70.	*	.0	.0	.0	.0	.1	.1	.1	.5	.3	.4	.5	.1	.1	.0	.1	.3	.5	.3	.3	.3
75.	*	.0	.0	.0	.0	.1	.1	.0	.5	.4	.4	.5	.1	.1	.0	.2	.3	.7	.2	.3	.3
80.	*	.0	.0	.0	.0	.1	.1	.0	.5	.4	.4	.5	.2	.1	.0	.2	.3	.7	.2	.3	.2
85.	*	.0	.0	.0	.0	.1	.1	.0	.5	.4	.4	.6	.2	.1	.0	.2	.3	.8	.3	.1	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.6	.2	.1	.0	.3	.3	.8	.2	.1	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.6	.2	.1	.1	.3	.3	.8	.2	.1	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.2	.1	.1	.3	.3	.9	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.2	.1	.1	.3	.3	.6	.1	.2	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.2	.1	.1	.3	.3	.5	.1	.2	.2
115.	*	.1	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.3	.1	.1	.3	.3	.5	.1	.3	.1
120.	*	.1	.1	.1	.0	.0	.0	.0	.4	.4	.4	.3	.2	.1	.1	.2	.3	.5	.1	.3	.1
125.	*	.1	.1	.1	.0	.0	.0	.0	.4	.4	.3	.3	.2	.1	.1	.2	.3	.4	.2	.3	.1
130.	*	.2	.1	.1	.1	.0	.0	.0	.5	.4	.4	.3	.3	.2	.0	.3	.3	.4	.3	.3	.1
135.	*	.2	.2	.1	.1	.0	.0	.0	.5	.4	.4	.2	.1	.2	.1	.2	.3	.2	.2	.2	.1
140.	*	.2	.2	.2	.1	.0	.0	.0	.5	.4	.4	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1
145.	*	.2	.2	.1	.1	.0	.0	.0	.5	.4	.3	.1	.1	.2	.1	.1	.2	.2	.2	.2	.1
150.	*	.2	.2	.2	.1	.0	.0	.0	.5	.4	.3	.2	.2	.2	.2	.0	.1	.1	.3	.2	.1
155.	*	.2	.2	.2	.1	.0	.0	.0	.5	.4	.3	.2	.2	.2	.2	.0	.1	.1	.3	.1	.1
160.	*	.1	.2	.2	.1	.0	.0	.0	.5	.4	.3	.2	.2	.2	.2	.0	.0	.1	.3	.1	.1
165.	*	.1	.2	.2	.1	.0	.0	.0	.5	.4	.3	.2	.2	.2	.2	.0	.0	.1	.3	.1	.1
170.	*	.1	.2	.1	.1	.0	.0	.0	.5	.4	.3	.2	.2	.3	.2	.0	.0	.1	.2	.1	.1
175.	*	.2	.2	.1	.1	.0	.0	.0	.5	.4	.4	.1	.2	.3	.2	.0	.0	.0	.2	.1	.1
180.	*	.2	.1	.1	.2	.0	.0	.0	.4	.4	.4	.1	.4	.3	.2	.0	.0	.0	.2	.1	.0
185.	*	.2	.1	.1	.2	.0	.0	.0	.4	.4	.4	.1	.4	.3	.1	.0	.0	.0	.2	.1	.0
190.	*	.2	.1	.1	.2	.0	.0	.0	.4	.4	.4	.2	.4	.2	.1	.0	.0	.0	.1	.1	.0
195.	*	.2	.1	.1	.2	.0	.0	.0	.4	.4	.4	.2	.3	.2	.1	.0	.0	.0	.1	.1	.0
200.	*	.2	.1	.1	.3	.0	.0	.0	.4	.4	.4	.2	.3	.1	.1	.0	.0	.0	.1	.1	.1
205.	*	.2	.1	.1	.3	.0	.1	.0	.4	.4	.3	.2	.3	.1	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.1	.3	.1	.1	.0	.4	.3	.4	.2	.3	.1	.1	.0	.0	.0	.1	.1	.1
215.	*	.2	.1	.1	.3	.1	.1	.0	.4	.3	.3	.3	.3	.1	.1	.0	.0	.0	.1	.1	.1
220.	*	.2	.1	.0	.4	.2	.1	.0	.4	.1	.1	.2	.2	.1	.1	.0	.0	.0	.1	.1	.1
225.	*	.2	.1	.0	.5	.2	.2	.0	.2	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.2	.1	.0	.5	.2	.2	.1	.2	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.2	.1	.0	.5	.2	.2	.1	.1	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
240.	*	.2	.1	.0	.6	.2	.4	.2	.1	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.6	.2	.4	.3	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.6	.2	.4	.3	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.4	.3	.5	.4	.0	.0	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.3	.3	.4	.4	.0	.0	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.3	.3	.4	.4	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.2	.1	.2	.3	.4	.4	.4	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.3	.1	.3	.3	.5	.4	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	*	.3	.1	.4	.2	.5	.4	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.2	.1	.3	.2	.4	.4	.3	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.2	.1	.3	.2	.4	.4	.3	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0
295.	*	.2	.1	.3	.2	.4	.4	.4	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
300.	*	.2	.0	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.0	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.0	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.0	.2	.2	.4	.3	.4	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.2	.3	.4	.4	.4	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0
325.	*	.0	.1	.2	.3	.4	.4	.5	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
330.	*	.1	.1	.2	.3	.4	.4	.5	.0	.0	.0	.1	.2	.1	.1	.2	.1	.1	.0	.0	.0
335.	*	.1	.1	.2	.3	.4	.3	.5	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
340.	*	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.0
345.	*	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.1	.1	.0	.3	.1	.1	.2	.0	.0
350.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.1	.2	.2	.0	.0
355.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0

360.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	S12NB15P.OUT										.0	.0	.0	.2	.2	.2	.4	.0	.0
MAX	*	.3	.2	.4	.6	.6	.5	.5	.5	.4	.4	.6	.4	.3	.3	.3	.3	.3	.9	.5	.3	.3							
DEGR.	*	275	135	280	240	40	25	20	70	75	70	85	180	170	300	90	65	100	10	45	65								

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.4	.3	.1	.3	.3
5.	*	.0	.1	.1	.4	.2	.4	.3	.3
10.	*	.0	.1	.1	.5	.2	.5	.3	.3
15.	*	.0	.1	.2	.5	.3	.5	.3	.3
20.	*	.0	.1	.2	.5	.3	.5	.2	.2
25.	*	.0	.1	.2	.5	.3	.4	.2	.2
30.	*	.0	.1	.3	.5	.3	.4	.2	.2
35.	*	.0	.1	.3	.6	.4	.4	.2	.2
40.	*	.0	.2	.3	.5	.5	.4	.2	.2
45.	*	.0	.2	.4	.5	.5	.3	.1	.2
50.	*	.2	.1	.4	.4	.4	.2	.2	.2
55.	*	.2	.1	.2	.3	.5	.1	.2	.2
60.	*	.2	.0	.1	.1	.5	.1	.2	.2
65.	*	.2	.0	.0	.0	.3	.1	.2	.2
70.	*	.1	.0	.0	.0	.3	.1	.2	.2
75.	*	.1	.0	.0	.0	.2	.1	.2	.2
80.	*	.1	.0	.0	.0	.2	.1	.3	.2
85.	*	.1	.0	.0	.0	.1	.1	.3	.2
90.	*	.1	.0	.0	.0	.1	.2	.3	.2
95.	*	.1	.0	.0	.0	.1	.2	.3	.2
100.	*	.1	.0	.0	.0	.1	.2	.2	.2
105.	*	.1	.0	.0	.0	.2	.2	.2	.2
110.	*	.1	.0	.0	.0	.2	.3	.2	.2
115.	*	.1	.0	.0	.0	.2	.3	.2	.1
120.	*	.1	.0	.0	.0	.3	.3	.1	.1
125.	*	.1	.0	.0	.0	.1	.2	.1	.1
130.	*	.1	.0	.0	.0	.1	.2	.1	.1
135.	*	.1	.0	.0	.0	.0	.1	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.0
150.	*	.1	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.1	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.1	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.0	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.2	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.1	.1	.1	.4	.0	.0	.0
270.	*	.0	.1	.1	.1	.4	.0	.0	.0
275.	*	.0	.1	.1	.1	.5	.0	.0	.0
280.	*	.0	.1	.0	.1	.5	.1	.0	.0
285.	*	.0	.1	.0	.1	.5	.1	.0	.0
290.	*	.0	.1	.1	.1	.5	.1	.0	.0
295.	*	.0	.1	.1	.1	.5	.1	.1	.1
300.	*	.0	.1	.1	.1	.4	.1	.1	.1
305.	*	.0	.1	.1	.1	.4	.1	.1	.1
310.	*	.0	.1	.1	.1	.3	.2	.2	.1
315.	*	.0	.1	.1	.1	.3	.2	.2	.1
320.	*	.0	.1	.1	.1	.3	.2	.1	.1
325.	*	.0	.1	.1	.1	.3	.2	.1	.1
330.	*	.0	.1	.1	.1	.3	.1	.1	.2
335.	*	.0	.1	.1	.2	.3	.1	.1	.2
340.	*	.0	.1	.1	.2	.3	.2	.1	.2
345.	*	.0	.1	.1	.3	.3	.2	.2	.3
350.	*	.0	.1	.1	.3	.3	.1	.2	.3
355.	*	.0	.1	.1	.4	.3	.1	.3	.3
360.	*	.0	.1	.1	.4	.3	.1	.3	.3

MAX	*								
DEGR.	*	.2	.2	.4	.6	.5	.5	.3	.3
	*	50	40	45	35	40	10	0	0

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:35.81

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

	* *	CO/LINK ANGLE (DEGREES)	(PPM) REC1 REC2 REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
LINK #	*	275 135 280	240 40 25 20 70 75 70 85 180 170 300 90 65 100 10 45 65																	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1	.1	.1	.1	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0																	

1

JOB: S12 NB15PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:48:35.81

RUN: S12 NB15PM MD 118 & MIDDLEBROOK

[illegible]

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.1	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.1	.1	.1	.1	.2	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12NB15P.OUT

S12B115A

S12	B115AM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	236972.	550543.	5.
REC 2	164'	SE CORNER	236786.	550681.	5.
REC 3	82'	SE CORNER	236718.	550732.	5.
REC 4		SE CORNER	236670.	550810.	5.
REC 5	82'	ES CORNER	236732.	550904.	5.
REC 6	164'	ES CORNER	236802.	550952.	5.
REC 7	400'	ES CORNER	237012.	551066.	5.
REC 8	400'	EN CORNER	236879.	551150.	5.
REC 9	164'	EN CORNER	236696.	551015.	5.
REC 10	82'	EN CORNER	236625.	550967.	5.
REC 11		NE CORNER	236556.	550926.	5.
REC 12	82'	NE CORNER	236497.	550986.	5.
REC 13	164'	NE CORNE	236453.	551054.	5.
REC 14	400'	NE CORNE	236331.	551248.	5.
REC 15	400'	NW CORNE	236236.	551184.	5.
REC 16	164'	NW CORNE	236365.	550986.	5.
REC 17	82'	NW CORNER	236408.	550919.	5.
REC 18		NW CORNER	236436.	550849.	5.
REC 19	82'	WN CORNE	236386.	550805.	5.
REC 20	164'	WN CORN	236322.	550754.	5.
REC 21	400'	WN CORN	236144.	550590.	5.
REC 22	400'	WS CORN	236223.	550477.	5.
REC 23	164'	WS CORN	236398.	550636.	5.
REC 24	82'	WS CORNE	236457.	550687.	5.
REC 25		SW CORNER	236533.	550735.	5.
REC 26	82'	SW CORNER	236587.	550682.	5.
REC 27	164'	SW CORNE	236648.	550632.	5.
REC 28	400'	SW CORNE	236838.	550500.	5.

S12	B115AM	MD 118 & MIDDLEBROOK	43	1	1

1		NB MID	ALLAG237337.550222.237209.550341.	775	3.3	0.	56.	40.
2		NB MID	ALLAG237209.550341.236696.550700.	775	3.3	0.	56.	40.
3		NB MID	THRAG236696.550700.236566.550847.	325	3.3	0.	44.	40.
3		NB MID	THRAG236603.550805.236689.550707.	0.	24.	2		
90	69		2.0 325 33.4 1770 2 3					
5		NB MID	LT AG236684.550687.236552.550836.	175	3.3	0.	32.	40.
6		NB MID	LT AG236587.550797.236678.550694.	0.	12.	1		
90	74		2.0 175 33.4 1770 2 3					
0		NB Mid	R AG236669.550884.236649.550822.	275	3.3	0.	32.	40.
0		NB Mid	R AG236649.550822.236670.550750.	275	3.3	0.	32.	40.
0		NB Mid	R AG236651.550815.236667.550761.	0.	12.	1		
90	69		2.0 275 33.4 1583 2 3					
9		NB MID	DP AG236566.550847.236306.551241.	625	3.3	0.	44.	40.
10		NB MID	DP AG236306.551241.236018.551679.	625	3.3	0.	44.	40.
11		SB MID	ALLAG235966.551646.236215.551261.	875	3.3	0.	44.	40.
12		SB MID	ALLAG236215.551261.236279.551162.	875	3.3	0.	44.	40.
13		SB MID	THRAG236279.551162.236507.550815.	450	3.3	0.	44.	40.
14		SB MID	THRAG236465.550879.236345.551062.	0.	24.	2		
90	69		2.0 450 33.4 1732 2 3					
15		SB MID	LT AG236317.551138.236525.550822.	350	3.3	0.	44.	40.
16		SB MID	LT AG236483.550885.236350.551089.	0.	24.	2		
90	74		2.0 350 33.4 1717 2 3					
36		SB 118	dp AG237203.550284.237038.550398.	925	3.3	0.	56.	40.
36		SB 118	dp AG237038.550398.236686.550638.	925	3.3	0.	56.	40.
36		SB 118	dp AG236686.550638.236601.550708.	925	3.3	0.	56.	40.
36		SB 118	dp AG236601.550708.236508.550812.	925	3.3	0.	56.	40.
36		SB 118	dp AG237309.550186.237203.550284.	925	3.3	0.	56.	40.
30		EB 118	ALLAG235825.550135.236257.550551.	725	3.3	0.	56.	40.
31		EB 118	ALLAG236257.550551.236356.550646.	725	3.3	0.	56.	40.
32		EB 118	THRAG236356.550646.236556.550814.	425	3.3	0.	56.	40.
33		EB 118	THRAG236501.550767.236378.550664.	0.	36.	3		
90	41		3.0 425 33.4 1695 2 3					
35		EB 118	LT AG236343.550661.236542.550825.	50	3.3	0.	32.	40.
35		EB 118	LT AG236490.550783.236370.550684.	0.	12.	1		
90	76		3.0 50 33.4 1770 2 3					
36		EB 118	RT AG236369.550631.236545.550780.	250	3.3	0.	32.	40.
37		EB 118	RT AG236512.550752.236394.550653.	0.	12.	1		
64	40		3.0 1 33.4 1750 2 3					
36		EB 118	dp AG237409.551330.236992.551100.	1050	3.3	0.	56.	40.
36		EB 118	dp AG236992.551100.236559.550816.	1050	3.3	0.	56.	40.
1		WB 118	L AG236544.550848.236745.550992.	225	3.3	0.	44.	40.
2		WB 118	L AG236607.550893.236733.550984.	0.	24.	2		

S12B115A

	90	76	3.0	225	33.4	1717	2	3	
1									
0	1	WB 118 L	AG236745.550992.236874.551071.		225	3.3	0.	44.	40.
0	1	WB 118 T	AG236529.550869.236744.551018.		1775	3.3	0.	56.	40.
0	2	WB 118 T	AG236594.550913.236725.551004.		0.	36.	3		
0	90	41	3.0	1775	33.4	1707	2	3	
1									
0	1	WB 118 T	AG236744.551018.236869.551096.		1775	3.3	0.	56.	40.
0	1	WB 118 All	AG236878.551092.237118.551237.		2000	3.3	0.	56.	40.
0	1	WB 118 All	AG237118.551237.237378.551379.		2000	3.3	0.	56.	40.
0	1	WB 118 dp	AG235774.550188.236140.550540.		1775	3.3	0.	56.	40.
0	1	WB 118 dp	AG236144.550540.236314.550705.		1775	3.3	0.	56.	40.
0	1	WB 118 dp	AG236314.550705.236529.550868.		1775	3.3	0.	56.	40.
1.0	0.4	1000. 0.0Y	5	0	72				

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD
DATE: 12/27/2006 TIME: 14:47:55.03

RUN: S12 B115AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	775.	3.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	775.	3.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	325.	3.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236643.3	550759.1	*	61.	139. AG	137.	100.0	.0	24.0	.49 3.1
5. 5	NB MID LT *	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	175.	3.3	.0	32.0	
6. 6	NB MID LT *	236587.0	550797.0	236634.8	550742.9	*	72.	139. AG	74.	100.0	.0	12.0	.74 3.7
7. 0	NB Mid R *	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	275.	3.3	.0	32.0	
8. 0	NB Mid R *	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	275.	3.3	.0	32.0	
9. 0	NB Mid R *	236651.0	550815.0	236688.6	550688.2	*	132.	164. AG	69.	100.0	.0	12.0	.92 6.7
10. 9	NB MID DP *	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	625.	3.3	.0	44.0	
11. 10	NB MID DP *	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	625.	3.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	875.	3.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	875.	3.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	450.	3.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236418.5	550947.0	*	85.	327. AG	137.	100.0	.0	24.0	.69 4.3
16. 15	SB MID LT *	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	350.	3.3	.0	44.0	
17. 16	SB MID LT *	236483.0	550885.0	236442.5	550947.0	*	74.	327. AG	147.	100.0	.0	24.0	.77 3.8
18. 36	SB 118 dp *	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp *	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp *	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp *	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp *	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	725.	3.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	725.	3.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	425.	3.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236476.8	550746.7	*	32.	230. AG	122.	100.0	.0	36.0	.17 1.6
27. 35	EB 118 LT *	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	3.3	.0	32.0	
28. 35	EB 118 LT *	236490.0	550783.0	236474.0	550769.8	*	21.	230. AG	76.	100.0	.0	12.0	.28 1.1
29. 36	EB 118 RT *	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	250.	3.3	.0	32.0	
30. 37	EB 118 RT *	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	56.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp *	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1050.	3.3	.0	56.0	
32. 36	EB 118 dp *	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1050.	3.3	.0	56.0	
33. 0	WB 118 L *	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	225.	3.3	.0	44.0	
34. 0	WB 118 L *	236607.0	550893.0	236644.7	550920.3	*	47.	54. AG	151.	100.0	.0	24.0	.65 2.4
35. 0	WB 118 L *	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	225.	3.3	.0	44.0	
36. 0	WB 118 T *	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1775.	3.3	.0	56.0	
37. 0	WB 118 T *	236594.0	550913.0	236702.8	550988.6	*	132.	55. AG	122.	100.0	.0	36.0	.71 6.7
38. 0	WB 118 T *	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1775.	3.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2000.	3.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2000.	3.3	.0	56.0	
41. 0	WB 118 dp *	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1775.	3.3	.0	56.0	
42. 0	WB 118 dp *	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1775.	3.3	.0	56.0	
43. 0	WB 118 dp *	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1775.	3.3	.0	56.0	

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD
DATE: 12/27/2006 TIME: 14:47:55.03

RUN: S12 B115AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	90	69	2.0	325	1770	33.40	2	3
6. 6	NB MID LT *	90	74	2.0	175	1770	33.40	2	3
9. 0	NB Mid R *	90	69	2.0	275	1583	33.40	2	3
15. 14	SB MID THR*	90	69	2.0	450	1732	33.40	2	3
17. 16	SB MID LT *	90	74	2.0	350	1717	33.40	2	3
26. 33	EB 118 THR*	90	41	3.0	425	1695	33.40	2	3
28. 35	EB 118 LT *	90	76	3.0	50	1770	33.40	2	3
30. 37	EB 118 RT *	64	40	3.0	1	1750	33.40	2	3
34. 0	WB 118 L *	90	76	3.0	225	1717	33.40	2	3
37. 0	WB 118 T *	90	41	3.0	1775	1707	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B115A
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.0	.0
5.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.5	.1	.0
10.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
15.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
20.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.2	.0
25.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.4	.2	.0
30.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.4	.2	.1
35.	*	.0	.0	.0	.1	.3	.3	.3	.0	.0	.1	.0	.0	.0	.0	.1	.0	.4	.4	.2	.2
40.	*	.0	.0	.0	.1	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	.1	.0	.4	.4	.2	.2
45.	*	.0	.0	.0	.1	.3	.3	.2	.0	.2	.1	.2	.0	.0	.0	.1	.0	.4	.3	.2	.3
50.	*	.0	.0	.0	.1	.3	.3	.2	.0	.2	.2	.2	.0	.0	.0	.1	.0	.5	.4	.4	.1
55.	*	.0	.0	.0	.0	.2	.2	.1	.0	.3	.4	.3	.0	.0	.0	.1	.1	.6	.4	.4	.2
60.	*	.0	.0	.0	.0	.2	.2	.1	.1	.3	.5	.4	.0	.0	.0	.1	.0	.6	.4	.3	.2
65.	*	.0	.0	.0	.0	.1	.1	.1	.2	.3	.5	.5	.0	.0	.0	.1	.0	.6	.4	.4	.2
70.	*	.0	.0	.0	.0	.1	.1	.0	.2	.4	.6	.5	.0	.0	.0	.1	.0	.7	.4	.4	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.7	.6	.0	.0	.0	.1	.0	.9	.4	.3	.2
80.	*	.0	.0	.0	.0	.1	.1	.0	.3	.3	.7	.7	.0	.0	.0	.1	.0	.9	.3	.2	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.0	.9	.3	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.2	.9	.3	.2	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.3	1.0	.2	.2	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.7	.2	.0	.0	.1	.3	.9	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.7	.2	.1	.0	.1	.5	.8	.2	.2	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.7	.2	.2	.0	.1	.4	.7	.3	.3	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.6	.3	.2	.0	.1	.3	.7	.2	.3	.2
120.	*	.1	.1	.0	.0	.0	.0	.0	.2	.3	.7	.5	.3	.2	.0	.1	.3	.6	.2	.3	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.7	.5	.3	.2	.0	.1	.4	.6	.2	.3	.2
130.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.7	.4	.3	.2	.0	.1	.4	.5	.3	.2	.2
135.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.7	.4	.2	.2	.0	.2	.4	.4	.2	.2	.2
140.	*	.1	.1	.1	.1	.0	.0	.0	.2	.3	.7	.3	.2	.2	.1	.2	.4	.2	.3	.2	.2
145.	*	.1	.1	.1	.1	.0	.0	.0	.3	.3	.8	.4	.2	.1	.1	.0	.4	.2	.3	.2	.2
150.	*	.1	.2	.2	.0	.0	.0	.0	.3	.4	.8	.4	.2	.1	.1	.0	.2	.1	.3	.2	.2
155.	*	.1	.2	.2	.1	.0	.0	.0	.3	.4	.8	.4	.2	.1	.1	.0	.2	.1	.3	.2	.2
160.	*	.1	.2	.2	.1	.0	.0	.0	.2	.4	.9	.3	.2	.2	.1	.0	.1	.1	.3	.2	.2
165.	*	.1	.2	.2	.1	.0	.0	.0	.2	.5	.9	.3	.1	.2	.1	.0	.1	.1	.2	.2	.2
170.	*	.1	.2	.1	.2	.0	.0	.0	.2	.5	.9	.2	.1	.3	.1	.0	.1	.1	.2	.2	.2
175.	*	.2	.2	.1	.2	.0	.0	.0	.2	.6	1.0	.2	.3	.4	.1	.0	.1	.1	.2	.2	.2
180.	*	.2	.1	.1	.2	.0	.0	.0	.3	.6	1.0	.3	.3	.4	.1	.0	.0	.1	.2	.2	.2
185.	*	.2	.1	.1	.2	.0	.0	.0	.3	.6	1.0	.3	.3	.4	.1	.0	.0	.1	.2	.2	.2
190.	*	.2	.1	.1	.2	.0	.0	.0	.3	.6	.9	.3	.4	.4	.1	.0	.0	.1	.2	.2	.2
195.	*	.2	.1	.1	.3	.0	.0	.0	.3	.7	.7	.4	.5	.3	.1	.0	.0	.1	.2	.2	.2
200.	*	.2	.1	.1	.3	.1	.0	.0	.2	.9	.7	.4	.5	.2	.1	.0	.0	.1	.2	.2	.2
205.	*	.2	.1	.0	.3	.1	.0	.0	.2	.9	.6	.3	.5	.2	.1	.0	.0	.0	.2	.3	.3

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.0	.3	.0	.0	.0	.2	.8	.6	.3	.5	.1	.1	.0	.0	.0	.2	.3	.3
215.	*	.2	.1	.1	.5	.2	.1	.0	.2	.8	.6	.3	.5	.1	.1	.0	.0	.0	.3	.3	.3
220.	*	.2	.1	.1	.5	.2	.1	.0	.2	.8	.5	.4	.5	.1	.1	.0	.0	.0	.3	.2	.4
225.	*	.2	.1	.1	.5	.2	.1	.0	.3	.9	.5	.4	.5	.1	.1	.0	.0	.0	.2	.2	.2
230.	*	.2	.1	.1	.5	.2	.1	.1	.3	.7	.4	.3	.3	.1	.1	.0	.0	.0	.2	.2	.1
235.	*	.2	.1	.1	.5	.1	.2	.1	.3	.5	.4	.4	.3	.1	.1	.0	.0	.0	.1	.2	.1
240.	*	.2	.1	.1	.5	.2	.1	.1	.4	.4	.4	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.5	.3	.2	.1	.0	.2	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.5	.3	.4	.1	.0	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.6	.4	.4	.1	.0	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.5	.4	.4	.2	.0	.1	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.4	.5	.4	.2	.0	.0	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.3	.5	.4	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.1	.2	.3	.4	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	*	.2	.1	.3	.4	.4	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.2	.3	.3	.5	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.2	.3	.2	.5	.3	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.1	.3	.3	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.2	.3	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.2	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.2	.2	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0
330.	*	.0	.1	.1	.4	.3	.2	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0
335.	*	.0	.1	.2	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.1	.0	.0
340.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.1	.0	.0	.2	.1	.1	.1	.0	.0
345.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0
350.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0
355.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0

360.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	S12B115A	.0	.0	.0	.1	.1	.2	.4	.0	.0
MAX	*	.2	.2	.3	.6	.5	.4	.3	.3	.9	1.0	.7	.5	.4	.1	.2	.5	1.0	.5	.4
DEGR.	*	175	150	280	255	265	250	35	80	225	175	80	195	175	140	135	105	95	5	50
																			220	

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.1	.3	.1	.3	.4	.1
5.	*	.0	.2	.1	.3	.2	.5	.3	.1
10.	*	.0	.2	.1	.2	.2	.5	.2	.1
15.	*	.0	.2	.2	.3	.3	.5	.2	.1
20.	*	.0	.2	.2	.3	.3	.4	.2	.1
25.	*	.0	.1	.2	.2	.4	.4	.2	.1
30.	*	.0	.1	.2	.3	.4	.3	.2	.1
35.	*	.0	.1	.1	.3	.4	.3	.2	.1
40.	*	.1	.1	.0	.3	.4	.3	.1	.1
45.	*	.1	.0	.0	.2	.3	.2	.1	.1
50.	*	.2	.0	.0	.1	.4	.2	.1	.1
55.	*	.3	.0	.0	.0	.4	.2	.1	.1
60.	*	.3	.0	.0	.1	.3	.2	.1	.1
65.	*	.2	.0	.0	.0	.3	.2	.1	.1
70.	*	.2	.0	.0	.0	.3	.2	.1	.1
75.	*	.2	.0	.0	.0	.3	.1	.1	.1
80.	*	.2	.0	.0	.0	.3	.1	.2	.1
85.	*	.2	.0	.0	.0	.2	.1	.2	.1
90.	*	.2	.0	.0	.0	.1	.1	.3	.2
95.	*	.2	.0	.0	.0	.1	.1	.3	.2
100.	*	.2	.0	.0	.0	.1	.1	.2	.1
105.	*	.2	.0	.0	.0	.1	.2	.2	.1
110.	*	.2	.0	.0	.0	.1	.3	.1	.1
115.	*	.2	.0	.0	.0	.1	.2	.1	.1
120.	*	.2	.0	.0	.0	.2	.2	.1	.1
125.	*	.2	.0	.0	.0	.1	.2	.1	.1
130.	*	.2	.0	.0	.0	.1	.2	.1	.1
135.	*	.2	.0	.0	.0	.0	.1	.1	.1
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.3	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.1	.0	.0	.0	.0	.0	.0
225.	*	.2	.1	.0	.0	.0	.0	.0	.0
230.	*	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.1	.2	.2	.0	.0	.0	.0	.0
240.	*	.1	.2	.2	.0	.0	.0	.0	.0
245.	*	.0	.2	.2	.1	.0	.0	.0	.0
250.	*	.0	.2	.2	.1	.0	.0	.0	.0
255.	*	.0	.2	.2	.1	.0	.0	.0	.0
260.	*	.0	.2	.2	.1	.0	.0	.0	.0
265.	*	.0	.2	.2	.1	.2	.0	.0	.0
270.	*	.0	.2	.2	.1	.2	.0	.0	.0
275.	*	.0	.2	.1	.0	.2	.0	.0	.0
280.	*	.0	.2	.1	.1	.2	.0	.0	.0
285.	*	.0	.2	.1	.1	.3	.1	.0	.0
290.	*	.0	.2	.1	.1	.3	.1	.0	.0
295.	*	.0	.2	.1	.1	.3	.1	.0	.1
300.	*	.0	.2	.1	.1	.3	.1	.0	.1
305.	*	.0	.1	.1	.1	.3	.2	.0	.1
310.	*	.0	.1	.0	.1	.3	.3	.1	.1
315.	*	.0	.2	.1	.1	.2	.2	.1	.1
320.	*	.0	.2	.1	.1	.2	.2	.1	.1
325.	*	.0	.2	.1	.1	.4	.2	.1	.1
330.	*	.0	.2	.1	.1	.5	.1	.1	.1
335.	*	.0	.2	.1	.1	.4	.1	.1	.1
340.	*	.0	.2	.1	.1	.4	.1	.2	.1
345.	*	.0	.2	.1	.1	.4	.1	.2	.1
350.	*	.0	.2	.1	.2	.3	.1	.2	.1
355.	*	.0	.2	.1	.2	.2	.1	.2	.1
360.	*	.0	.2	.1	.3	.1	.3	.4	.1

S12B115A

```

-----*-----
MAX  *   .3   .2   .2   .3   .5   .5   .4   .2
DEGR. *   55   0   15   0  330   5   0   90

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 175 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 95 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 225 DEGREES FROM REC9 .

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD
 DATE: 12/27/2006 TIME: 14:47:55.03

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 150	REC3 280	REC4 255	REC5 265	REC6 250	REC7 35	REC8 80	REC9 225	REC10 175	REC11 80	REC12 195	REC13 175	REC14 140	REC15 135	REC16 105	REC17 95	REC18 5	REC19 50	REC20 220
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.4	.3	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.2	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.1	.0	.0	.3	.2	.2	.0	.0	.0	.0	.1	.1	.0	.1	.0
37	.0	.0	.0	.0	.1	.1	.0	.0	.4	.4	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
43	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 B115AM MD 188 & MIDDLEBROOK RD
 DATE: 12/27/2006 TIME: 14:47:55.03

RUN: S12 B115AM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 15	REC24 0	REC25 330	REC26 5	REC27 0	REC28 90
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.1	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.1
19	.0	.0	.0	.0	.0	.0	.1	.0
20	.0	.0	.0	.0	.0	.1	.0	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.1	.0	.0
37	*	.0	.0	.0	.0	.1	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.1	.0	.0	.0

S12B115A

				S12B115P							
S12 B115PM MD 188 & MIDDLEBROOK RD				60.0175.0.0000.000280.30480000				11 1			
REC 1	400'	SE CORNER	236972.	550543.	5.						
REC 2	164'	SE CORNER	236786.	550681.	5.						
REC 3	82'	SE CORNER	236718.	550732.	5.						
REC 4		SE CORNER	236670.	550810.	5.						
REC 5	82'	ES CORNER	236732.	550904.	5.						
REC 6	164'	ES CORNER	236802.	550952.	5.						
REC 7	400'	ES CORNER	237012.	551066.	5.						
REC 8	400'	EN CORNER	236879.	551150.	5.						
REC 9	164'	EN CORNER	236696.	551015.	5.						
REC 10	82'	EN CORNER	236625.	550967.	5.						
REC 11		NE CORNER	236556.	550926.	5.						
REC 12	82'	NE CORNER	236497.	550986.	5.						
REC 13	164'	NE CORNE	236453.	551054.	5.						
REC 14	400'	NE CORNE	236331.	551248.	5.						
REC 15	400'	NW CORNE	236236.	551184.	5.						
REC 16	164'	NW CORNE	236365.	550986.	5.						
REC 17	82'	NW CORNER	236408.	550919.	5.						
REC 18		NW CORNER	236436.	550849.	5.						
REC 19	82'	WN CORNE	236386.	550805.	5.						
REC 20	164'	WN CORN	236322.	550754.	5.						
REC 21	400'	WN CORN	236144.	550590.	5.						
REC 22	400'	WS CORN	236223.	550477.	5.						
REC 23	164'	WS CORN	236398.	550636.	5.						
REC 24	82'	WS CORNE	236457.	550687.	5.						
REC 25		SW CORNER	236533.	550735.	5.						
REC 26	82'	SW CORNER	236587.	550682.	5.						
REC 27	164'	SW CORNE	236648.	550632.	5.						
REC 28	400'	SW CORNE	236838.	550500.	5.						
S12 B115PM MD 118 & MIDDLEBROOK			43	1	1						
1											
1		NB MID	ALLAG237337.550222.237209.550341.	1075	3.3	0.	56.	40.			
2		NB MID	ALLAG237209.550341.236696.550700.	1075	3.3	0.	56.	40.			
3		NB MID	THRAG236696.550700.236566.550847.	550	3.3	0.	44.	40.			
3		NB MID	THRAG236603.550805.236689.550707.	0.	24.	2					
80	51		2.0 550 33.4 1770 2 3								
5		NB MID	LT AG236684.550687.236552.550836.	200	3.3	0.	32.	40.			
6		NB MID	LT AG236587.550797.236678.550694.	0.	12.	1					
80	71		2.0 200 33.4 1770 2 3								
0		NB Mid	R AG236669.550884.236649.550822.	325	3.3	0.	32.	40.			
0		NB Mid	R AG236649.550822.236670.550750.	325	3.3	0.	32.	40.			
0		NB Mid	R AG236651.550815.236667.550761.	0.	12.	1					
80	51		2.0 325 33.4 1583 2 3								
9		NB MID	DP AG236566.550847.236306.551241.	1275	3.3	0.	44.	40.			
10		NB MID	DP AG236306.551241.236018.551679.	1275	3.3	0.	44.	40.			
11		SB MID	ALLAG235966.551646.236215.551261.	1325	3.3	0.	44.	40.			
12		SB MID	ALLAG236215.551261.236279.551162.	1325	3.3	0.	44.	40.			
13		SB MID	THRAG236279.551162.236507.550815.	650	3.3	0.	44.	40.			
14		SB MID	THRAG236465.550879.236345.551062.	0.	24.	2					
80	51		2.0 650 33.4 1714 2 3								
15		SB MID	LT AG236317.551138.236525.550822.	500	3.3	0.	44.	40.			
16		SB MID	LT AG236483.550885.236350.551089.	0.	24.	2					
80	61		2.0 500 33.4 1717 2 3								
36		SB 118	dp AG237203.550284.237038.550398.	925	3.3	0.	56.	40.			
36		SB 118	dp AG237038.550398.236686.550638.	925	3.3	0.	56.	40.			
36		SB 118	dp AG236686.550638.236601.550708.	925	3.3	0.	56.	40.			
36		SB 118	dp AG236601.550708.236508.550812.	925	3.3	0.	56.	40.			
36		SB 118	dp AG237309.550186.237203.550284.	925	3.3	0.	56.	40.			
30		EB 118	ALLAG235825.550135.236257.550551.	850	3.3	0.	56.	40.			
31		EB 118	ALLAG236257.550551.236356.550646.	850	3.3	0.	56.	40.			
32		EB 118	THRAG236356.550646.236556.550814.	725	3.3	0.	56.	40.			
33		EB 118	THRAG236501.550767.236378.550664.	0.	36.	3					
80	52		3.0 725 33.4 1695 2 3								
35		EB 118	LT AG236343.550661.236542.550825.	75	3.3	0.	32.	40.			
35		EB 118	LT AG236490.550783.236370.550684.	0.	12.	1					
80	66		3.0 75 33.4 1770 2 3								
36		EB 118	RT AG236369.550631.236545.550780.	50	3.3	0.	32.	40.			
37		EB 118	RT AG236512.550752.236394.550653.	0.	12.	1					
64	40		3.0 1 33.4 1750 2 3								
36		EB 118	dp AG237409.551330.236992.551100.	1550	3.3	0.	56.	40.			
36		EB 118	dp AG236992.551100.236559.550816.	1550	3.3	0.	56.	40.			
1		WB 118	L AG236544.550848.236745.550992.	225	3.3	0.	44.	40.			
2		WB 118	L AG236607.550893.236733.550984.	0.	24.	2					

										S12B115P			
1	80		66		3.0	225	33.4	1717	2 3				
0 1		WB 118 L	AG236745.550992.236874.551071.					225	3.3	0. 44.	40.		
0 1		WB 118 T	AG236529.550869.236744.551018.					875	3.3	0. 56.	40.		
0 2		WB 118 T	AG236594.550913.236725.551004.					0. 36.	3				
0 1	80		52		3.0	875	33.4	1707	2 3				
0 1		WB 118 T	AG236744.551018.236869.551096.					875	3.3	0. 56.	40.		
0 1		WB 118 ALL	AG236878.551092.237118.551237.					1100	3.3	0. 56.	40.		
0 1		WB 118 ALL	AG237118.551237.237378.551379.					1100	3.3	0. 56.	40.		
0 1		WB 118 dp	AG235774.550188.236140.550540.					600	3.3	0. 56.	40.		
0 1		WB 118 dp	AG236144.550540.236314.550705.					600	3.3	0. 56.	40.		
0 1		WB 118 dp	AG236314.550705.236529.550868.					600	3.3	0. 56.	40.		
1.0	0.4	1000. 0.0Y	5 0 72										

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:35:01.10

RUN: S12 B115PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB MID ALL*	*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1075.	3.3	.0	56.0	
2. 2	NB MID ALL*	*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1075.	3.3	.0	56.0	
3. 3	NB MID THR*	*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	550.	3.3	.0	44.0	
4. 3	NB MID THR*	*	236603.0	550805.0	236653.6	550747.4	*	77.	139. AG	114.	100.0	.0	24.0	.50 3.9
5. 5	NB MID LT *	*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	3.3	.0	32.0	
6. 6	NB MID LT *	*	236587.0	550797.0	237273.6	550019.9	*	1037.	139. AG	80.	100.0	.0	12.0	1.82 52.7
7. 0	NB Mid R *	*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	325.	3.3	.0	32.0	
8. 0	NB Mid R *	*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	325.	3.3	.0	32.0	
9. 0	NB Mid R *	*	236651.0	550815.0	236676.7	550728.1	*	91.	164. AG	57.	100.0	.0	12.0	.66 4.6
10. 9	NB MID DP *	*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1275.	3.3	.0	44.0	
11. 10	NB MID DP *	*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1275.	3.3	.0	44.0	
12. 11	SB MID ALL*	*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1325.	3.3	.0	44.0	
13. 12	SB MID ALL*	*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1325.	3.3	.0	44.0	
14. 13	SB MID THR*	*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	650.	3.3	.0	44.0	
15. 14	SB MID THR*	*	236465.0	550879.0	236415.3	550954.8	*	91.	327. AG	114.	100.0	.0	24.0	.61 4.6
16. 15	SB MID LT *	*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	500.	3.3	.0	44.0	
17. 16	SB MID LT *	*	236483.0	550885.0	236435.8	550957.3	*	86.	327. AG	137.	100.0	.0	24.0	.78 4.4
18. 36	SB 118 dp *	*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp *	*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp *	*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp *	*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp *	*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL*	*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	850.	3.3	.0	56.0	
24. 31	EB 118 ALL*	*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	850.	3.3	.0	56.0	
25. 32	EB 118 THR*	*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	725.	3.3	.0	56.0	
26. 33	EB 118 THR*	*	236501.0	550767.0	236448.5	550723.0	*	69.	230. AG	175.	100.0	.0	36.0	.49 3.5
27. 35	EB 118 LT *	*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	75.	3.3	.0	32.0	
28. 35	EB 118 LT *	*	236490.0	550783.0	236469.1	550765.8	*	27.	231. AG	74.	100.0	.0	12.0	.38 1.4
29. 36	EB 118 RT *	*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	3.3	.0	32.0	
30. 37	EB 118 RT *	*	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	56.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp *	*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1550.	3.3	.0	56.0	
32. 36	EB 118 dp *	*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1550.	3.3	.0	56.0	
33. 0	WB 118 L *	*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	225.	3.3	.0	44.0	
34. 0	WB 118 L *	*	236607.0	550893.0	236639.8	550916.7	*	40.	54. AG	148.	100.0	.0	24.0	.58 2.1
35. 0	WB 118 L *	*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	225.	3.3	.0	44.0	
36. 0	WB 118 T *	*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	875.	3.3	.0	56.0	
37. 0	WB 118 T *	*	236594.0	550913.0	236662.0	550960.2	*	83.	55. AG	175.	100.0	.0	36.0	.59 4.2
38. 0	WB 118 T *	*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	875.	3.3	.0	56.0	
39. 0	WB 118 ALL*	*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1100.	3.3	.0	56.0	
40. 0	WB 118 ALL*	*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1100.	3.3	.0	56.0	
41. 0	WB 118 dp *	*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	600.	3.3	.0	56.0	
42. 0	WB 118 dp *	*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	600.	3.3	.0	56.0	
43. 0	WB 118 dp *	*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	600.	3.3	.0	56.0	

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:35:01.10

RUN: S12 B115PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	*	80	51	2.0	550	1770	33.40	2	3
6. 6	NB MID LT *	*	80	71	2.0	200	1770	33.40	2	3
9. 0	NB Mid R *	*	80	51	2.0	325	1583	33.40	2	3
15. 14	SB MID THR*	*	80	51	2.0	650	1714	33.40	2	3
17. 16	SB MID LT *	*	80	61	2.0	500	1717	33.40	2	3
26. 33	EB 118 THR*	*	80	52	3.0	725	1695	33.40	2	3
28. 35	EB 118 LT *	*	80	66	3.0	75	1770	33.40	2	3
30. 37	EB 118 RT *	*	64	40	3.0	1	1750	33.40	2	3
34. 0	WB 118 L *	*	80	66	3.0	225	1717	33.40	2	3
37. 0	WB 118 T *	*	80	52	3.0	875	1707	33.40	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	X	Y	Z	*
1. REC 1	400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2	164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3	82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4	SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5	82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6	164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7	400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8	400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9	164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10	82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11	NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12	82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13	164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14	400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15	400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16	164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17	82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18	NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19	82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20	164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B115P
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.0	.0
5.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.0	.0
10.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.1	.0
15.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.2	.0
20.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.6	.2	.0
25.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.0
30.	*	.0	.0	.1	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.1
35.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.2
40.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.5	.2	.2
45.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.1	.0	.0	.0	.0	.1	.2	.7	.4	.2	.1
50.	*	.0	.0	.0	.1	.3	.4	.2	.0	.0	.1	.2	.0	.0	.0	.1	.2	.7	.4	.2	.0
55.	*	.0	.0	.0	.1	.3	.4	.2	.0	.2	.1	.2	.0	.0	.0	.1	.2	.7	.5	.2	.1
60.	*	.0	.0	.0	.0	.2	.3	.1	.0	.2	.1	.3	.0	.0	.0	.1	.2	.7	.5	.2	.1
65.	*	.0	.0	.0	.0	.2	.2	.1	.1	.2	.2	.5	.0	.0	.0	.2	.2	.8	.5	.3	.2
70.	*	.0	.0	.0	.0	.1	.2	.1	.2	.2	.3	.5	.0	.0	.0	.2	.2	.8	.5	.3	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.3	.6	.0	.0	.0	.2	.2	.9	.4	.2	.3
80.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.6	.0	.0	.0	.2	.2	1.0	.3	.2	.2
85.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.7	.0	.0	.0	.2	.2	1.0	.2	.2	.2
90.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.5	.7	.2	.0	.0	.2	.2	1.0	.3	.1	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.7	.2	.0	.0	.2	.3	.9	.3	.1	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.2	.0	.0	.2	.4	.9	.3	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.7	.2	.0	.0	.2	.5	.8	.2	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.1	.0	.2	.4	.6	.3	.3	.3
115.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.6	.5	.2	.1	.0	.2	.4	.6	.2	.4	.2
120.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.7	.4	.3	.1	.0	.2	.5	.6	.2	.4	.1
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.7	.4	.4	.2	.0	.3	.6	.5	.3	.4	.1
130.	*	.1	.1	.1	.1	.0	.0	.0	.2	.2	.7	.4	.2	.2	.1	.3	.5	.5	.3	.4	.1
135.	*	.2	.1	.2	.2	.0	.0	.0	.2	.2	.7	.4	.4	.2	.1	.3	.5	.3	.3	.3	.1
140.	*	.2	.3	.2	.2	.0	.0	.0	.2	.2	.7	.3	.2	.2	.1	.2	.5	.3	.3	.2	.1
145.	*	.2	.3	.2	.2	.0	.0	.0	.2	.2	.8	.4	.3	.3	.2	.2	.3	.3	.2	.2	.1
150.	*	.3	.3	.3	.2	.0	.0	.0	.2	.2	.9	.4	.3	.3	.2	.1	.2	.1	.3	.2	.1
155.	*	.3	.3	.3	.2	.1	.0	.0	.2	.2	.9	.4	.3	.3	.2	.0	.2	.1	.3	.1	.1
160.	*	.2	.3	.3	.1	.1	.0	.0	.2	.3	.9	.5	.3	.3	.2	.0	.0	.1	.3	.1	.1
165.	*	.2	.3	.3	.2	.1	.0	.0	.2	.3	.9	.5	.2	.3	.2	.0	.0	.1	.3	.1	.1
170.	*	.2	.3	.2	.2	.1	.0	.0	.2	.3	1.0	.4	.2	.4	.2	.0	.0	.1	.2	.1	.1
175.	*	.3	.3	.2	.2	.1	.0	.0	.2	.3	1.1	.3	.2	.4	.2	.0	.0	.0	.2	.1	.0
180.	*	.3	.2	.2	.2	.1	.0	.0	.1	.2	1.2	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
185.	*	.3	.2	.2	.4	.1	.0	.0	.1	.2	1.1	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
190.	*	.3	.2	.2	.4	.1	.0	.0	.1	.3	.9	.3	.5	.4	.2	.0	.0	.0	.1	.1	.0
195.	*	.3	.2	.2	.4	.1	.0	.0	.1	.3	.8	.3	.5	.4	.2	.0	.0	.0	.1	.1	.0
200.	*	.3	.2	.2	.4	.1	.0	.0	.2	.3	.8	.3	.5	.4	.1	.0	.0	.0	.1	.1	.0
205.	*	.3	.2	.2	.4	.1	.1	.0	.2	.5	.7	.3	.5	.3	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.2	.2	.5	.2	.1	.0	.2	.5	.6	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
215.	*	.3	.2	.1	.5	.2	.1	.0	.2	.6	.6	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
220.	*	.3	.2	.1	.5	.2	.1	.0	.2	.5	.4	.3	.4	.1	.1	.0	.0	.0	.1	.0	.1
225.	*	.3	.2	.1	.5	.2	.2	.0	.2	.5	.3	.2	.4	.1	.2	.0	.0	.0	.0	.0	.0
230.	*	.3	.2	.1	.5	.3	.2	.1	.1	.3	.4	.1	.4	.1	.2	.0	.0	.0	.0	.0	.0
235.	*	.3	.2	.1	.5	.2	.3	.1	.0	.3	.3	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0
240.	*	.3	.2	.1	.6	.2	.3	.1	.0	.2	.4	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
245.	*	.3	.2	.1	.5	.3	.3	.2	.0	.2	.3	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
250.	*	.3	.2	.1	.5	.3	.4	.2	.0	.2	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.2	.1	.5	.4	.4	.2	.0	.0	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
260.	*	.3	.2	.2	.3	.4	.4	.2	.0	.0	.3	.4	.1	.1	.3	.0	.0	.0	.0	.0	.0
265.	*	.3	.2	.2	.3	.4	.4	.2	.0	.0	.2	.4	.1	.1	.2	.0	.0	.0	.0	.0	.0
270.	*	.3	.2	.5	.3	.4	.4	.2	.0	.0	.1	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.4	.2	.5	.3	.5	.4	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.4	.2	.5	.2	.5	.4	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.3	.2	.4	.2	.6	.3	.2	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.3	.2	.4	.2	.4	.2	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.3	.3	.4	.4	.4	.2	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	*	.2	.2	.4	.3	.4	.2	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.2	.2	.3	.2	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.0	.3	.2	.3	.2	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.0	.4	.3	.3	.2	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.3	.4	.3	.2	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.2	.3	.2	.2	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
330.	*	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.0	.0	.0
335.	*	.0	.0	.2	.3	.2	.2	.3	.0	.0	.0	.0	.2	.1	.1	.2	.1	.1	.2	.0	.0
340.	*	.0	.0	.2	.4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.0
345.	*	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.3	.1	.2	.2	.0	.0
350.	*	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.4	.1	.3	.5	.0	.0
355.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.5	.0	.0

360.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	S12B115P	.0	.0	.0	.3	.2	.3	.5	.0	.0	
MAX	*	.4	.3	.5	.6	.6	.4	.3	.2	.6	1.2	.7	.5	.4	.3	.4	.6	1.0	.6	.4	.3
DEGR.	*	275	140	270	240	285	50	15	70	215	180	85	190	170	250	350	125	80	5	115	75

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.5	.3	.3	.3	.6
5.	*	.0	.1	.1	.6	.3	.5	.3	.6
10.	*	.0	.1	.1	.5	.2	.5	.3	.5
15.	*	.0	.1	.2	.5	.3	.5	.3	.5
20.	*	.0	.1	.2	.5	.3	.4	.3	.5
25.	*	.0	.1	.2	.5	.3	.4	.2	.5
30.	*	.0	.1	.2	.5	.3	.4	.2	.5
35.	*	.0	.1	.2	.6	.3	.4	.2	.5
40.	*	.0	.1	.2	.4	.2	.4	.2	.5
45.	*	.0	.1	.3	.3	.3	.3	.2	.5
50.	*	.0	.0	.3	.2	.4	.3	.3	.5
55.	*	.1	.0	.2	.2	.4	.2	.3	.5
60.	*	.1	.0	.0	.2	.4	.2	.3	.5
65.	*	.1	.0	.0	.1	.3	.2	.3	.5
70.	*	.1	.0	.0	.0	.3	.2	.3	.5
75.	*	.1	.0	.0	.1	.3	.2	.3	.5
80.	*	.1	.0	.0	.1	.3	.2	.4	.5
85.	*	.1	.0	.0	.1	.3	.2	.4	.5
90.	*	.1	.0	.0	.1	.3	.3	.4	.5
95.	*	.1	.0	.0	.1	.2	.3	.4	.6
100.	*	.1	.0	.0	.1	.2	.3	.3	.6
105.	*	.1	.0	.0	.1	.3	.3	.3	.6
110.	*	.1	.0	.0	.1	.3	.4	.3	.6
115.	*	.1	.0	.0	.1	.3	.4	.3	.6
120.	*	.1	.0	.0	.1	.4	.4	.2	.6
125.	*	.1	.0	.0	.1	.2	.3	.2	.6
130.	*	.1	.0	.0	.0	.2	.3	.2	.6
135.	*	.1	.0	.0	.0	.1	.2	.2	.6
140.	*	.1	.0	.0	.0	.1	.1	.1	.4
145.	*	.1	.0	.0	.0	.0	.0	.0	.3
150.	*	.1	.0	.0	.0	.0	.0	.0	.3
155.	*	.1	.0	.0	.0	.0	.0	.0	.2
160.	*	.1	.0	.0	.0	.0	.0	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.0	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.1	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.2	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.1	.1	.1	.4	.0	.0	.0
270.	*	.0	.1	.1	.1	.4	.0	.0	.0
275.	*	.0	.1	.1	.1	.4	.0	.0	.0
280.	*	.0	.1	.0	.1	.5	.1	.0	.0
285.	*	.0	.1	.0	.1	.5	.1	.0	.0
290.	*	.0	.1	.0	.1	.5	.1	.0	.0
295.	*	.0	.1	.1	.1	.4	.1	.1	.2
300.	*	.0	.1	.1	.1	.4	.1	.1	.2
305.	*	.0	.1	.1	.1	.4	.1	.1	.3
310.	*	.0	.1	.1	.1	.3	.2	.2	.4
315.	*	.0	.1	.1	.1	.3	.2	.2	.5
320.	*	.0	.1	.1	.1	.2	.2	.1	.6
325.	*	.0	.1	.1	.1	.4	.1	.1	.6
330.	*	.0	.1	.1	.2	.6	.1	.1	.7
335.	*	.0	.1	.1	.2	.5	.2	.1	.7
340.	*	.0	.1	.1	.3	.5	.2	.3	.7
345.	*	.0	.1	.1	.3	.4	.2	.3	.7
350.	*	.0	.1	.1	.4	.4	.1	.3	.6
355.	*	.0	.1	.1	.6	.3	.1	.4	.6
360.	*	.0	.1	.1	.5	.3	.3	.3	.6

S12B115P

```

-----*-----
MAX  *   .1   .1   .3   .6   .6   .5   .4   .7
DEGR *   55   0   45   5  330   5   80  330

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 180 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 80 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 85 DEGREES FROM REC11.

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:35:01.10

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 275	REC2 140	REC3 270	REC4 240	REC5 285	REC6 50	REC7 15	REC8 70	REC9 215	REC10 180	REC11 85	REC12 190	REC13 170	REC14 250	REC15 350	REC16 125	REC17 80	REC18 5	REC19 115	REC20 75
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.1
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.2	.0	.0	.0	.3	.6	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 B115PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:35:01.10

RUN: S12 B115PM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 45	REC24 5	REC25 330	REC26 5	REC27 80	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.1	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.5
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.1	.1	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.0	.0	.1	.4	.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

Page 4

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.0	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12B115P

				S12B215A			
S12	B215AM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1		
REC 1	400'	SE CORNER	236972. 550543. 5.				
REC 2	164'	SE CORNER	236786. 550681. 5.				
REC 3	82'	SE CORNER	236718. 550732. 5.				
REC 4		SE CORNER	236670. 550810. 5.				
REC 5	82'	ES CORNER	236732. 550904. 5.				
REC 6	164'	ES CORNER	236802. 550952. 5.				
REC 7	400'	ES CORNER	237012. 551066. 5.				
REC 8	400'	EN CORNER	236879. 551150. 5.				
REC 9	164'	EN CORNER	236696. 551015. 5.				
REC 10	82'	EN CORNER	236625. 550967. 5.				
REC 11		NE CORNER	236556. 550926. 5.				
REC 12	82'	NE CORNER	236497. 550986. 5.				
REC 13	164'	NE CORNE	236453. 551054. 5.				
REC 14	400'	NE CORNE	236331. 551248. 5.				
REC 15	400'	NW CORNE	236236. 551184. 5.				
REC 16	164'	NW CORNE	236365. 550986. 5.				
REC 17	82'	NW CORNER	236408. 550919. 5.				
REC 18		NW CORNER	236436. 550849. 5.				
REC 19	82'	WN CORNE	236386. 550805. 5.				
REC 20	164'	WN CORN	236322. 550754. 5.				
REC 21	400'	WN CORN	236144. 550590. 5.				
REC 22	400'	WS CORN	236223. 550477. 5.				
REC 23	164'	WS CORN	236398. 550636. 5.				
REC 24	82'	WS CORNE	236457. 550687. 5.				
REC 25		SW CORNER	236533. 550735. 5.				
REC 26	82'	SW CORNER	236587. 550682. 5.				
REC 27	164'	SW CORNE	236648. 550632. 5.				
REC 28	400'	SW CORNE	236838. 550500. 5.				
S12	B215AM	MD 118 & MIDDLEBROOK	43 1 1				
1							
1		NB MID ALLAG237337.550222.237209.550341.	775 3.3 0. 56. 40.				
2		NB MID ALLAG237209.550341.236696.550700.	775 3.3 0. 56. 40.				
3		NB MID THRAG236696.550700.236566.550847.	300 3.3 0. 44. 40.				
3		NB MID THRAG236603.550805.236689.550707.	0. 24. 2				
90	69	2.0 300 33.4 1770 2 3					
5		NB MID LT AG236684.550687.236552.550836.	175 3.3 0. 32. 40.				
6		NB MID LT AG236587.550797.236678.550694.	0. 12. 1				
90	74	2.0 175 33.4 1770 2 3					
0		NB Mid R AG236669.550884.236649.550822.	300 3.3 0. 32. 40.				
0		NB Mid R AG236649.550822.236670.550750.	300 3.3 0. 32. 40.				
0		NB Mid R AG236651.550815.236667.550761.	0. 12. 1				
90	69	2.0 300 33.4 1583 2 3					
9		NB MID DP AG236566.550847.236306.551241.	550 3.3 0. 44. 40.				
10		NB MID DP AG236306.551241.236018.551679.	550 3.3 0. 44. 40.				
11		SB MID ALLAG235966.551646.236215.551261.	875 3.3 0. 44. 40.				
12		SB MID ALLAG236215.551261.236279.551162.	875 3.3 0. 44. 40.				
13		SB MID THRAG236279.551162.236507.550815.	525 3.3 0. 44. 40.				
14		SB MID THRAG236465.550879.236345.551062.	0. 24. 2				
90	69	2.0 525 33.4 1732 2 3					
15		SB MID LT AG236317.551138.236525.550822.	350 3.3 0. 44. 40.				
16		SB MID LT AG236483.550885.236350.551089.	0. 24. 2				
90	74	2.0 350 33.4 1717 2 3					
36		SB 118 dp AG237203.550284.237038.550398.	925 3.3 0. 56. 40.				
36		SB 118 dp AG237038.550398.236686.550638.	925 3.3 0. 56. 40.				
36		SB 118 dp AG236686.550638.236601.550708.	925 3.3 0. 56. 40.				
36		SB 118 dp AG236601.550708.236508.550812.	925 3.3 0. 56. 40.				
36		SB 118 dp AG237309.550186.237203.550284.	925 3.3 0. 56. 40.				
30		EB 118 ALLAG235825.550135.236257.550551.	750 3.3 0. 56. 40.				
31		EB 118 ALLAG236257.550551.236356.550646.	750 3.3 0. 56. 40.				
32		EB 118 THRAG236356.550646.236556.550814.	475 3.3 0. 56. 40.				
33		EB 118 THRAG236501.550767.236378.550664.	0. 36. 3				
90	41	3.0 475 33.4 1695 2 3					
35		EB 118 LT AG236343.550661.236542.550825.	25 3.3 0. 32. 40.				
35		EB 118 LT AG236490.550783.236370.550684.	0. 12. 1				
90	76	3.0 25 33.4 1770 2 3					
36		EB 118 RT AG236369.550631.236545.550780.	250 3.3 0. 32. 40.				
37		EB 118 RT AG236512.550752.236394.550653.	0. 12. 1				
64	40	3.0 1 33.4 1750 2 3					
36		EB 118 dp AG237409.551330.236992.551100.	1125 3.3 0. 56. 40.				
36		EB 118 dp AG236992.551100.236559.550816.	1125 3.3 0. 56. 40.				
1		WB 118 L AG236544.550848.236745.550992.	225 3.3 0. 44. 40.				
2		WB 118 L AG236607.550893.236733.550984.	0. 24. 2				

		S12B215A									
		90	76	3.0	225	33.4	1717	2	3		
0	1	WB 118 L	AG236745.550992.236874.551071.	225	3.3	0.	44.	40.			
0	1	WB 118 T	AG236529.550869.236744.551018.	1775	3.3	0.	56.	40.			
0	2	WB 118 T	AG236594.550913.236725.551004.	0.	36.	3					
0	90	41	3.0 1775	33.4	1707	2	3				
0	1	WB 118 T	AG236744.551018.236869.551096.	1775	3.3	0.	56.	40.			
0	1	WB 118 All	AG236878.551092.237118.551237.	2000	3.3	0.	56.	40.			
0	1	WB 118 All	AG237118.551237.237378.551379.	2000	3.3	0.	56.	40.			
0	1	WB 118 dp	AG235774.550188.236140.550540.	1800	3.3	0.	56.	40.			
0	1	WB 118 dp	AG236144.550540.236314.550705.	1800	3.3	0.	56.	40.			
0	1	WB 118 dp	AG236314.550705.236529.550868.	1800	3.3	0.	56.	40.			
1.0	0.4	1000. 0.0Y	5 0 72								

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD
DATE: 12/27/2006 TIME: 14:50:21.08

RUN: S12 B215AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB MID ALL	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	775.	3.3	.0	56.0	
2. 2	NB MID ALL	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	775.	3.3	.0	56.0	
3. 3	NB MID THR	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	300.	3.3	.0	44.0	
4. 3	NB MID THR	236603.0	550805.0	236640.3	550762.4	*	57.	139. AG	137.	100.0	.0	24.0	.45
5. 5	NB MID LT	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	175.	3.3	.0	32.0	
6. 6	NB MID LT	236587.0	550797.0	236634.8	550742.9	*	72.	139. AG	74.	100.0	.0	12.0	.74
7. 0	NB Mid R	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	300.	3.3	.0	32.0	
8. 0	NB Mid R	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	300.	3.3	.0	32.0	
9. 0	NB Mid R	236651.0	550815.0	236703.9	550636.2	*	187.	164. AG	69.	100.0	.0	12.0	1.00
10. 9	NB MID DP	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	550.	3.3	.0	44.0	
11. 10	NB MID DP	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	550.	3.3	.0	44.0	
12. 11	SB MID ALL	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	875.	3.3	.0	44.0	
13. 12	SB MID ALL	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	875.	3.3	.0	44.0	
14. 13	SB MID THR	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	525.	3.3	.0	44.0	
15. 14	SB MID THR	236465.0	550879.0	236408.6	550947.0	*	103.	327. AG	137.	100.0	.0	24.0	.80
16. 15	SB MID LT	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	350.	3.3	.0	44.0	
17. 16	SB MID LT	236483.0	550885.0	236442.5	550947.0	*	74.	327. AG	147.	100.0	.0	24.0	.77
18. 36	SB 118 dp	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	750.	3.3	.0	56.0	
24. 31	EB 118 ALL	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	750.	3.3	.0	56.0	
25. 32	EB 118 THR	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	475.	3.3	.0	56.0	
26. 33	EB 118 THR	236501.0	550767.0	236473.8	550744.2	*	35.	230. AG	122.	100.0	.0	36.0	.19
27. 35	EB 118 LT	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	25.	3.3	.0	32.0	
28. 35	EB 118 LT	236490.0	550783.0	236482.0	550776.4	*	10.	231. AG	76.	100.0	.0	12.0	.14
29. 36	EB 118 RT	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	250.	3.3	.0	32.0	
30. 37	EB 118 RT	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	56.	100.0	.0	12.0	.00
31. 36	EB 118 dp	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1125.	3.3	.0	56.0	
32. 36	EB 118 dp	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1125.	3.3	.0	56.0	
33. 0	WB 118 L	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	225.	3.3	.0	44.0	
34. 0	WB 118 L	236607.0	550893.0	236644.7	550920.3	*	47.	54. AG	151.	100.0	.0	24.0	.65
35. 0	WB 118 L	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	225.	3.3	.0	44.0	
36. 0	WB 118 T	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1775.	3.3	.0	56.0	
37. 0	WB 118 T	236594.0	550913.0	236702.8	550988.6	*	132.	55. AG	122.	100.0	.0	36.0	.71
38. 0	WB 118 T	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1775.	3.3	.0	56.0	
39. 0	WB 118 ALL	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2000.	3.3	.0	56.0	
40. 0	WB 118 ALL	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2000.	3.3	.0	56.0	
41. 0	WB 118 dp	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1800.	3.3	.0	56.0	
42. 0	WB 118 dp	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1800.	3.3	.0	56.0	
43. 0	WB 118 dp	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1800.	3.3	.0	56.0	

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD
DATE: 12/27/2006 TIME: 14:50:21.08

RUN: S12 B215AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR	90	69	2.0	300	1770	33.40	2	3
6. 6	NB MID LT	90	74	2.0	175	1770	33.40	2	3
9. 0	NB Mid R	90	69	2.0	300	1583	33.40	2	3
15. 14	SB MID THR	90	69	2.0	525	1732	33.40	2	3
17. 16	SB MID LT	90	74	2.0	350	1717	33.40	2	3
26. 33	EB 118 THR	90	41	3.0	475	1695	33.40	2	3
28. 35	EB 118 LT	90	76	3.0	25	1770	33.40	2	3
30. 37	EB 118 RT	64	40	3.0	1	1750	33.40	2	3
34. 0	WB 118 L	90	76	3.0	225	1717	33.40	2	3
37. 0	WB 118 T	90	41	3.0	1775	1707	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B215A
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.1	.0
5.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0
10.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0
15.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.1	.0
20.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.2	.0
25.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.2	.1
30.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.2	.1
35.	*	.0	.0	.0	.1	.3	.3	.3	.0	.0	.1	.0	.0	.0	.0	.1	.1	.6	.4	.2	.2
40.	*	.0	.0	.0	.1	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	.1	.1	.6	.4	.2	.2
45.	*	.0	.0	.0	.1	.3	.3	.2	.0	.2	.1	.2	.0	.0	.0	.1	.1	.6	.3	.2	.3
50.	*	.0	.0	.0	.1	.3	.3	.2	.0	.2	.2	.2	.0	.0	.0	.1	.1	.6	.4	.4	.1
55.	*	.0	.0	.0	.0	.2	.2	.1	.0	.3	.4	.3	.0	.0	.0	.1	.1	.7	.4	.4	.2
60.	*	.0	.0	.0	.0	.2	.2	.1	.1	.3	.5	.4	.0	.0	.0	.1	.1	.7	.4	.3	.2
65.	*	.0	.0	.0	.0	.1	.1	.1	.2	.3	.5	.5	.0	.0	.0	.1	.1	.7	.4	.4	.2
70.	*	.0	.0	.0	.0	.1	.1	.0	.2	.4	.6	.5	.0	.0	.0	.1	.1	.8	.4	.4	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.3	.3	.7	.6	.0	.0	.0	.1	.1	1.0	.4	.3	.2
80.	*	.0	.0	.0	.0	.1	.1	.0	.3	.3	.7	.7	.0	.0	.0	.1	.1	1.0	.3	.2	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.1	1.0	.3	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.2	1.0	.3	.2	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.4	1.0	.2	.2	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.2	.0	.0	.1	.4	.9	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.7	.2	.1	.0	.1	.5	.8	.2	.3	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.7	.2	.2	.0	.1	.5	.7	.2	.3	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.7	.6	.3	.2	.0	.1	.4	.7	.2	.3	.2
120.	*	.1	.1	.0	.0	.0	.0	.0	.2	.3	.7	.5	.3	.2	.0	.1	.4	.6	.2	.3	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.7	.5	.3	.2	.0	.1	.5	.6	.3	.3	.2
130.	*	.1	.1	.1	.0	.0	.0	.0	.2	.3	.7	.4	.3	.2	.0	.2	.5	.5	.3	.2	.2
135.	*	.1	.1	.1	.0	.0	.0	.0	.3	.3	.7	.4	.1	.1	.0	.2	.5	.4	.2	.2	.2
140.	*	.1	.1	.1	.1	.0	.0	.0	.3	.3	.7	.3	.2	.2	.1	.2	.4	.3	.3	.2	.2
145.	*	.1	.1	.1	.1	.0	.0	.0	.3	.3	.8	.5	.2	.1	.1	.1	.5	.2	.3	.2	.2
150.	*	.1	.2	.2	.0	.0	.0	.0	.3	.4	.8	.5	.2	.1	.1	.0	.2	.1	.3	.2	.2
155.	*	.1	.2	.2	.1	.0	.0	.0	.3	.4	.8	.4	.2	.1	.1	.0	.2	.1	.3	.2	.2
160.	*	.1	.2	.2	.1	.0	.0	.0	.2	.4	.9	.4	.2	.2	.1	.0	.1	.1	.3	.2	.2
165.	*	.1	.2	.2	.1	.0	.0	.0	.2	.5	.9	.3	.1	.2	.1	.0	.1	.1	.3	.2	.2
170.	*	.1	.2	.1	.2	.0	.0	.0	.2	.5	1.0	.2	.1	.3	.1	.0	.1	.1	.2	.2	.2
175.	*	.2	.2	.1	.2	.0	.0	.0	.2	.6	.9	.2	.3	.4	.1	.0	.1	.1	.2	.2	.2
180.	*	.2	.1	.1	.2	.0	.0	.0	.3	.6	1.0	.2	.3	.4	.1	.0	.0	.1	.2	.2	.2
185.	*	.2	.1	.2	.2	.0	.0	.0	.3	.6	1.0	.2	.3	.4	.1	.0	.0	.1	.2	.2	.2
190.	*	.2	.1	.2	.2	.0	.0	.0	.3	.6	.9	.3	.4	.4	.1	.0	.0	.1	.2	.2	.2
195.	*	.2	.1	.2	.2	.1	.0	.0	.3	.7	.7	.4	.5	.3	.1	.0	.0	.1	.2	.2	.2
200.	*	.2	.1	.2	.3	.1	.0	.0	.2	.9	.7	.4	.5	.2	.1	.0	.0	.1	.2	.2	.2
205.	*	.2	.1	.1	.3	.1	.0	.0	.2	.9	.6	.3	.5	.2	.1	.0	.0	.0	.2	.3	.3

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.1	.3	.1	.1	.0	.2	.8	.6	.2	.5	.2	.1	.0	.0	.0	.2	.3	.3
215.	*	.2	.1	.1	.4	.2	.1	.0	.2	.8	.6	.2	.5	.2	.1	.0	.0	.0	.3	.3	.3
220.	*	.2	.1	.1	.5	.2	.1	.0	.2	.8	.5	.3	.5	.1	.1	.0	.0	.0	.3	.2	.4
225.	*	.2	.1	.1	.5	.2	.1	.0	.3	.9	.5	.3	.5	.1	.1	.0	.0	.0	.2	.2	.2
230.	*	.2	.1	.1	.5	.2	.2	.1	.3	.7	.4	.2	.4	.1	.1	.0	.0	.0	.2	.2	.1
235.	*	.2	.1	.1	.5	.2	.2	.1	.3	.5	.4	.4	.4	.1	.1	.0	.0	.0	.1	.2	.1
240.	*	.2	.1	.1	.5	.2	.2	.1	.1	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.5	.3	.2	.1	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.5	.3	.4	.1	.0	.2	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
255.	*	.2	.2	.1	.6	.4	.4	.2	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.2	.1	.5	.4	.4	.2	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.1	.4	.5	.4	.2	.0	.0	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.2	.1	.3	.5	.4	.2	.0	.0	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.1	.4	.5	.4	.2	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	*	.2	.2	.3	.4	.4	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.2	.3	.3	.5	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.2	.3	.3	.5	.3	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.1	.3	.4	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.1	.2	.4	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.2	.4	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.4	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.2	.4	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.0	.1	.0	.0	.0
330.	*	.0	.1	.1	.4	.3	.2	.3	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0
335.	*	.0	.1	.2	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.0	.2	.1	.1	.1	.0	.0
340.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0
345.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	.0	.0
350.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0
355.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	.0	.0

360.	*	.0	.0	.0	.3	.2	.2	.2	.0	.0	S12B215A	.0	.0	.0	.1	.1	.3	.5	.1	.0
MAX	*	.2	.2	.3	.6	.5	.4	.3	.3	.9	1.0	.7	.5	.4	.1	.2	.5	1.0	.6	.4
DEGR.	*	175	150	280	255	265	250	35	75	225	170	80	195	175	140	130	105	75	5	50
																				220

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.2	.5	.1	.3	.4	.1
5.	*	.0	.2	.2	.5	.2	.5	.2	.1
10.	*	.0	.2	.2	.3	.2	.5	.2	.1
15.	*	.0	.2	.2	.3	.3	.6	.2	.1
20.	*	.0	.2	.2	.3	.4	.5	.2	.1
25.	*	.0	.2	.2	.2	.4	.4	.2	.1
30.	*	.0	.1	.2	.3	.4	.4	.2	.1
35.	*	.0	.1	.1	.4	.4	.3	.2	.1
40.	*	.1	.1	.1	.4	.4	.3	.2	.1
45.	*	.1	.0	.0	.2	.3	.2	.2	.1
50.	*	.2	.0	.0	.1	.4	.2	.2	.1
55.	*	.3	.0	.0	.1	.4	.2	.2	.1
60.	*	.3	.0	.0	.0	.3	.2	.2	.1
65.	*	.2	.0	.0	.0	.3	.2	.2	.1
70.	*	.2	.0	.0	.0	.3	.2	.2	.1
75.	*	.2	.0	.0	.0	.3	.2	.2	.1
80.	*	.2	.0	.0	.0	.3	.2	.3	.1
85.	*	.2	.0	.0	.0	.2	.2	.2	.1
90.	*	.2	.0	.0	.0	.2	.2	.3	.2
95.	*	.2	.0	.0	.0	.2	.2	.3	.2
100.	*	.2	.0	.0	.0	.1	.2	.2	.1
105.	*	.2	.0	.0	.0	.1	.2	.2	.1
110.	*	.2	.0	.0	.0	.1	.3	.1	.1
115.	*	.2	.0	.0	.0	.1	.2	.1	.1
120.	*	.2	.0	.0	.0	.2	.2	.1	.1
125.	*	.2	.0	.0	.0	.1	.2	.1	.1
130.	*	.2	.0	.0	.0	.1	.2	.1	.1
135.	*	.2	.0	.0	.0	.0	.1	.1	.1
140.	*	.2	.0	.0	.0	.0	.0	.0	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.3	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.1	.0	.0	.0	.0	.0	.0
225.	*	.2	.1	.0	.0	.0	.0	.0	.0
230.	*	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.1	.2	.2	.0	.0	.0	.0	.0
240.	*	.1	.2	.2	.0	.0	.0	.0	.0
245.	*	.0	.2	.2	.1	.0	.0	.0	.0
250.	*	.0	.2	.2	.1	.0	.0	.0	.0
255.	*	.0	.2	.2	.2	.0	.0	.0	.0
260.	*	.0	.2	.2	.2	.1	.0	.0	.0
265.	*	.0	.2	.2	.2	.2	.0	.0	.0
270.	*	.0	.2	.2	.2	.2	.0	.0	.0
275.	*	.0	.2	.1	.1	.2	.0	.0	.0
280.	*	.0	.2	.1	.2	.3	.0	.0	.0
285.	*	.0	.2	.1	.1	.3	.1	.0	.0
290.	*	.0	.2	.1	.1	.3	.1	.0	.0
295.	*	.0	.2	.1	.1	.3	.1	.0	.1
300.	*	.0	.2	.1	.1	.3	.2	.0	.1
305.	*	.0	.2	.1	.1	.3	.2	.0	.1
310.	*	.0	.1	.0	.1	.3	.3	.1	.1
315.	*	.0	.2	.1	.1	.2	.3	.1	.1
320.	*	.0	.2	.1	.1	.3	.2	.1	.1
325.	*	.0	.2	.1	.1	.4	.3	.1	.1
330.	*	.0	.2	.1	.1	.5	.2	.1	.1
335.	*	.0	.2	.1	.1	.4	.1	.1	.1
340.	*	.0	.2	.1	.1	.4	.1	.2	.1
345.	*	.0	.2	.1	.1	.4	.1	.2	.1
350.	*	.0	.2	.1	.2	.3	.1	.2	.1
355.	*	.0	.2	.1	.2	.2	.1	.2	.1
360.	*	.0	.2	.2	.5	.1	.3	.4	.1

S12B215A

```

-----*-----
MAX * .3 .2 .2 .5 .5 .6 .4 .2
DEGR. * 55 0 0 0 330 15 0 90

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 170 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 75 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 225 DEGREES FROM REC9 .

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD
 DATE: 12/27/2006 TIME: 14:50:21.08

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 150	REC3 280	REC4 255	REC5 265	REC6 250	REC7 35	REC8 75	REC9 225	REC10 170	REC11 80	REC12 195	REC13 175	REC14 140	REC15 130	REC16 105	REC17 75	REC18 5	REC19 50	REC20 220
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.4	.3	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.2	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.1	.0	.0	.3	.2	.2	.0	.0	.0	.0	.1	.1	.0	.1	.0
37	.0	.0	.0	.0	.1	.1	.0	.0	.4	.4	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
43	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 B215AM MD 188 & MIDDLEBROOK RD
 DATE: 12/27/2006 TIME: 14:50:21.08

RUN: S12 B215AM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 0	REC24 0	REC25 330	REC26 15	REC27 0	REC28 90
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.1	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.1
19	.0	.0	.0	.0	.0	.0	.1	.0
20	.0	.0	.0	.0	.0	.1	.0	.0
21	.0	.0	.0	.0	.1	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.0	.0	.0	.0
26	.0	.0	.0	.1	.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.1	.0
37	*	.0	.0	.0	.0	.0	.1	.1
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.1	.1	.0	.0

S12B215A

				S12B215P							
S12 B215PM MD 188 & MIDDLEBROOK RD				60.0175.0.0000.000280.30480000				11 1			
REC 1	400'	SE CORNER	236972.	550543.	5.						
REC 2	164'	SE CORNER	236786.	550681.	5.						
REC 3	82'	SE CORNER	236718.	550732.	5.						
REC 4		SE CORNER	236670.	550810.	5.						
REC 5	82'	ES CORNER	236732.	550904.	5.						
REC 6	164'	ES CORNER	236802.	550952.	5.						
REC 7	400'	ES CORNER	237012.	551066.	5.						
REC 8	400'	EN CORNER	236879.	551150.	5.						
REC 9	164'	EN CORNER	236696.	551015.	5.						
REC 10	82'	EN CORNER	236625.	550967.	5.						
REC 11		NE CORNER	236556.	550926.	5.						
REC 12	82'	NE CORNER	236497.	550986.	5.						
REC 13	164'	NE CORNE	236453.	551054.	5.						
REC 14	400'	NE CORNE	236331.	551248.	5.						
REC 15	400'	NW CORNE	236236.	551184.	5.						
REC 16	164'	NW CORNE	236365.	550986.	5.						
REC 17	82'	NW CORNER	236408.	550919.	5.						
REC 18		NW CORNER	236436.	550849.	5.						
REC 19	82'	WN CORNE	236386.	550805.	5.						
REC 20	164'	WN CORN	236322.	550754.	5.						
REC 21	400'	WN CORN	236144.	550590.	5.						
REC 22	400'	WS CORN	236223.	550477.	5.						
REC 23	164'	WS CORN	236398.	550636.	5.						
REC 24	82'	WS CORNE	236457.	550687.	5.						
REC 25		SW CORNER	236533.	550735.	5.						
REC 26	82'	SW CORNER	236587.	550682.	5.						
REC 27	164'	SW CORNE	236648.	550632.	5.						
REC 28	400'	SW CORNE	236838.	550500.	5.						
S12 B215PM MD 118 & MIDDLEBROOK			43	1	1						
1											
1		NB MID	ALLAG237337.550222.237209.550341.	1075	3.3	0.	56.	40.			
2		NB MID	ALLAG237209.550341.236696.550700.	1075	3.3	0.	56.	40.			
3		NB MID	THRAG236696.550700.236566.550847.	550	3.3	0.	44.	40.			
3		NB MID	THRAG236603.550805.236689.550707.	0.	24.	2					
80	51		2.0 550 33.4 1770 2 3								
5		NB MID	LT AG236684.550687.236552.550836.	200	3.3	0.	32.	40.			
6		NB MID	LT AG236587.550797.236678.550694.	0.	12.	1					
80	71		2.0 200 33.4 1770 2 3								
0		NB Mid	R AG236669.550884.236649.550822.	325	3.3	0.	32.	40.			
0		NB Mid	R AG236649.550822.236670.550750.	325	3.3	0.	32.	40.			
0		NB Mid	R AG236651.550815.236667.550761.	0.	12.	1					
80	51		2.0 325 33.4 1583 2 3								
9		NB MID	DP AG236566.550847.236306.551241.	1275	3.3	0.	44.	40.			
10		NB MID	DP AG236306.551241.236018.551679.	1275	3.3	0.	44.	40.			
11		SB MID	ALLAG235966.551646.236215.551261.	1325	3.3	0.	44.	40.			
12		SB MID	ALLAG236215.551261.236279.551162.	1325	3.3	0.	44.	40.			
13		SB MID	THRAG236279.551162.236507.550815.	650	3.3	0.	44.	40.			
14		SB MID	THRAG236465.550879.236345.551062.	0.	24.	2					
80	51		2.0 650 33.4 1714 2 3								
15		SB MID	LT AG236317.551138.236525.550822.	500	3.3	0.	44.	40.			
16		SB MID	LT AG236483.550885.236350.551089.	0.	24.	2					
80	61		2.0 500 33.4 1717 2 3								
36		SB 118	dp AG237203.550284.237038.550398.	925	3.3	0.	56.	40.			
36		SB 118	dp AG237038.550398.236686.550638.	925	3.3	0.	56.	40.			
36		SB 118	dp AG236686.550638.236601.550708.	925	3.3	0.	56.	40.			
36		SB 118	dp AG236601.550708.236508.550812.	925	3.3	0.	56.	40.			
36		SB 118	dp AG237309.550186.237203.550284.	925	3.3	0.	56.	40.			
30		EB 118	ALLAG235825.550135.236257.550551.	825	3.3	0.	56.	40.			
31		EB 118	ALLAG236257.550551.236356.550646.	825	3.3	0.	56.	40.			
32		EB 118	THRAG236356.550646.236556.550814.	700	3.3	0.	56.	40.			
33		EB 118	THRAG236501.550767.236378.550664.	0.	36.	3					
80	52		3.0 700 33.4 1695 2 3								
35		EB 118	LT AG236343.550661.236542.550825.	75	3.3	0.	32.	40.			
35		EB 118	LT AG236490.550783.236370.550684.	0.	12.	1					
80	66		3.0 75 33.4 1770 2 3								
36		EB 118	RT AG236369.550631.236545.550780.	50	3.3	0.	32.	40.			
37		EB 118	RT AG236512.550752.236394.550653.	0.	12.	1					
64	40		3.0 1 33.4 1750 2 3								
36		EB 118	dp AG237409.551330.236992.551100.	1525	3.3	0.	56.	40.			
36		EB 118	dp AG236992.551100.236559.550816.	1525	3.3	0.	56.	40.			
1		WB 118	L AG236544.550848.236745.550992.	225	3.3	0.	44.	40.			
2		WB 118	L AG236607.550893.236733.550984.	0.	24.	2					

										S12B215P			
	80	66	3.0	225	33.4	1717	2	3					
0 1													
0 1	WB 118 L	AG236745.550992.236874.551071.		225	3.3	0.	44.	40.					
0 1	WB 118 T	AG236529.550869.236744.551018.		900	3.3	0.	56.	40.					
0 2													
0 1	WB 118 T	AG236594.550913.236725.551004.		0.	36.	3							
0 1	80 52	3.0 900 33.4 1707 2 3											
0 1	WB 118 T	AG236744.551018.236869.551096.		900	3.3	0.	56.	40.					
0 1	WB 118 All	AG236878.551092.237118.551237.		1125	3.3	0.	56.	40.					
0 1	WB 118 All	AG237118.551237.237378.551379.		1125	3.3	0.	56.	40.					
0 1	WB 118 dp	AG235774.550188.236140.550540.		625	3.3	0.	56.	40.					
0 1	WB 118 dp	AG236144.550540.236314.550705.		625	3.3	0.	56.	40.					
0 1	WB 118 dp	AG236314.550705.236529.550868.		625	3.3	0.	56.	40.					
1.0 0.4	1000. 0.0Y 5 0 72												

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:45:26.64

RUN: S12 B215PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1075.	3.3	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1075.	3.3	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	550.	3.3	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236653.6	550747.4	*	77.	139. AG	114.	100.0	.0	24.0	.50 3.9
5. 5	NB MID LT *	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	3.3	.0	32.0	
6. 6	NB MID LT *	236587.0	550797.0	237273.6	550019.9	*	1037.	139. AG	80.	100.0	.0	12.0	1.82 52.7
7. 0	NB Mid R *	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	325.	3.3	.0	32.0	
8. 0	NB Mid R *	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	325.	3.3	.0	32.0	
9. 0	NB Mid R *	236651.0	550815.0	236676.7	550728.1	*	91.	164. AG	57.	100.0	.0	12.0	.66 4.6
10. 9	NB MID DP *	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1275.	3.3	.0	44.0	
11. 10	NB MID DP *	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1275.	3.3	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1325.	3.3	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1325.	3.3	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	650.	3.3	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236415.3	550954.8	*	91.	327. AG	114.	100.0	.0	24.0	.61 4.6
16. 15	SB MID LT *	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	500.	3.3	.0	44.0	
17. 16	SB MID LT *	236483.0	550885.0	236435.8	550957.3	*	86.	327. AG	137.	100.0	.0	24.0	.78 4.4
18. 36	SB 118 dp *	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	925.	3.3	.0	56.0	
19. 36	SB 118 dp *	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	925.	3.3	.0	56.0	
20. 36	SB 118 dp *	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	925.	3.3	.0	56.0	
21. 36	SB 118 dp *	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	925.	3.3	.0	56.0	
22. 36	SB 118 dp *	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	925.	3.3	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	825.	3.3	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	825.	3.3	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	700.	3.3	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236450.2	550724.5	*	66.	230. AG	175.	100.0	.0	36.0	.48 3.4
27. 35	EB 118 LT *	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	75.	3.3	.0	32.0	
28. 35	EB 118 LT *	236490.0	550783.0	236469.1	550765.8	*	27.	231. AG	74.	100.0	.0	12.0	.38 1.4
29. 36	EB 118 RT *	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	3.3	.0	32.0	
30. 37	EB 118 RT *	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	56.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp *	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1525.	3.3	.0	56.0	
32. 36	EB 118 dp *	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1525.	3.3	.0	56.0	
33. 0	WB 118 L *	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	225.	3.3	.0	44.0	
34. 0	WB 118 L *	236607.0	550893.0	236639.8	550916.7	*	40.	54. AG	148.	100.0	.0	24.0	.58 2.1
35. 0	WB 118 L *	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	225.	3.3	.0	44.0	
36. 0	WB 118 T *	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	900.	3.3	.0	56.0	
37. 0	WB 118 T *	236594.0	550913.0	236664.1	550961.6	*	85.	55. AG	175.	100.0	.0	36.0	.61 4.3
38. 0	WB 118 T *	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	900.	3.3	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1125.	3.3	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1125.	3.3	.0	56.0	
41. 0	WB 118 dp *	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	625.	3.3	.0	56.0	
42. 0	WB 118 dp *	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	625.	3.3	.0	56.0	
43. 0	WB 118 dp *	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	625.	3.3	.0	56.0	

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:45:26.64

RUN: S12 B215PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	80	51	2.0	550	1770	33.40	2	3
6. 6	NB MID LT *	80	71	2.0	200	1770	33.40	2	3
9. 0	NB Mid R *	80	51	2.0	325	1583	33.40	2	3
15. 14	SB MID THR*	80	51	2.0	650	1714	33.40	2	3
17. 16	SB MID LT *	80	61	2.0	500	1717	33.40	2	3
26. 33	EB 118 THR*	80	52	3.0	700	1695	33.40	2	3
28. 35	EB 118 LT *	80	66	3.0	75	1770	33.40	2	3
30. 37	EB 118 RT *	64	40	3.0	1	1750	33.40	2	3
34. 0	WB 118 L *	80	66	3.0	225	1717	33.40	2	3
37. 0	WB 118 T *	80	52	3.0	900	1707	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B215P
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.5	.0	.0
5.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.0	.0
10.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.1	.0
15.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.2	.0
20.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.6	.2	.0
25.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.0
30.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.1
35.	*	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.2
40.	*	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.5	.2	.2
45.	*	.0	.0	.1	.3	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.7	.4	.2	.1
50.	*	.0	.0	.1	.3	.4	.2	.0	.0	.1	.2	.0	.0	.0	.0	.1	.2	.7	.5	.2	.0
55.	*	.0	.0	.1	.3	.4	.2	.0	.2	.1	.2	.0	.0	.0	.0	.1	.2	.7	.5	.2	.1
60.	*	.0	.0	.0	.2	.3	.1	.0	.2	.2	.3	.0	.0	.0	.0	.1	.2	.7	.5	.2	.1
65.	*	.0	.0	.0	.2	.2	.1	.1	.1	.2	.2	.4	.0	.0	.0	.2	.2	.8	.5	.3	.2
70.	*	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.5	.0	.0	.0	.2	.2	.8	.5	.3	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.6	.0	.0	.0	.2	.2	.9	.4	.2	.2
80.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.6	.0	.0	.0	.2	.2	1.0	.3	.2	.2
85.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.7	.0	.0	.0	.2	.2	1.0	.3	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.7	.2	.0	.0	.2	.2	1.0	.3	.1	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.7	.2	.0	.0	.2	.3	.9	.3	.1	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.0	.0	.2	.4	.9	.3	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.7	.2	.0	.0	.2	.5	.8	.2	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.6	.6	.3	.1	.0	.2	.4	.6	.3	.3	.3
115.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.7	.5	.2	.1	.0	.2	.4	.6	.2	.4	.2
120.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.7	.4	.3	.1	.0	.2	.5	.6	.2	.4	.1
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.7	.4	.4	.2	.0	.3	.6	.5	.3	.4	.1
130.	*	.1	.1	.1	.1	.0	.0	.0	.2	.2	.7	.4	.2	.2	.1	.3	.5	.5	.3	.4	.1
135.	*	.2	.1	.2	.2	.0	.0	.0	.2	.2	.7	.4	.3	.2	.1	.3	.5	.3	.3	.2	.1
140.	*	.2	.3	.2	.2	.0	.0	.0	.2	.2	.7	.3	.2	.2	.1	.2	.5	.3	.3	.2	.1
145.	*	.2	.3	.2	.2	.0	.0	.0	.2	.2	.8	.4	.3	.3	.2	.2	.3	.3	.2	.2	.1
150.	*	.3	.3	.3	.2	.0	.0	.0	.2	.2	.9	.4	.3	.3	.2	.1	.2	.1	.2	.2	.1
155.	*	.3	.3	.3	.2	.1	.0	.0	.2	.2	.9	.4	.3	.3	.2	.0	.2	.1	.3	.1	.1
160.	*	.2	.3	.3	.1	.1	.0	.0	.2	.3	.9	.5	.3	.3	.2	.0	.0	.1	.3	.1	.1
165.	*	.2	.3	.3	.2	.1	.0	.0	.2	.3	.9	.5	.2	.3	.2	.0	.0	.1	.3	.1	.1
170.	*	.2	.3	.2	.2	.1	.0	.0	.2	.3	1.0	.4	.2	.4	.2	.0	.0	.1	.2	.1	.1
175.	*	.3	.3	.2	.2	.1	.0	.0	.2	.3	1.1	.3	.2	.4	.2	.0	.0	.0	.2	.1	.1
180.	*	.3	.2	.2	.2	.1	.0	.0	.2	.2	1.1	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
185.	*	.3	.2	.2	.4	.1	.0	.0	.1	.2	1.1	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
190.	*	.3	.2	.2	.4	.1	.0	.0	.1	.3	.9	.3	.5	.4	.2	.0	.0	.0	.1	.1	.0
195.	*	.3	.2	.2	.4	.1	.0	.0	.1	.3	.8	.3	.5	.4	.2	.0	.0	.0	.1	.1	.0
200.	*	.3	.2	.2	.4	.1	.0	.0	.2	.4	.8	.3	.5	.4	.1	.0	.0	.0	.1	.1	.1
205.	*	.3	.2	.2	.4	.1	.1	.0	.2	.5	.7	.3	.5	.3	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.2	.2	.5	.2	.1	.0	.2	.5	.6	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
215.	*	.3	.2	.1	.5	.2	.1	.0	.2	.6	.6	.4	.4	.1	.1	.0	.0	.0	.1	.1	.1
220.	*	.3	.2	.1	.5	.2	.1	.0	.2	.5	.4	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
225.	*	.3	.2	.1	.5	.2	.2	.0	.2	.5	.3	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0
230.	*	.3	.2	.1	.5	.3	.2	.1	.1	.3	.4	.1	.4	.1	.2	.0	.0	.0	.0	.0	.0
235.	*	.3	.2	.1	.5	.2	.2	.1	.0	.3	.3	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0
240.	*	.3	.2	.1	.6	.2	.3	.1	.0	.2	.4	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
245.	*	.3	.2	.1	.5	.2	.3	.2	.0	.2	.3	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
250.	*	.3	.2	.1	.5	.3	.4	.2	.0	.2	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
255.	*	.3	.2	.1	.5	.4	.4	.2	.0	.0	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
260.	*	.3	.2	.2	.3	.4	.4	.2	.0	.0	.3	.4	.1	.1	.3	.0	.0	.0	.0	.0	.0
265.	*	.3	.2	.2	.3	.4	.3	.2	.0	.0	.2	.4	.1	.1	.2	.0	.0	.0	.0	.0	.0
270.	*	.3	.2	.5	.3	.4	.4	.2	.0	.0	.1	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.4	.2	.5	.3	.5	.4	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.4	.2	.5	.2	.6	.4	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.3	.2	.4	.2	.6	.4	.2	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.3	.2	.4	.2	.4	.2	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.3	.3	.4	.4	.4	.2	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	*	.2	.2	.4	.3	.5	.2	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.2	.2	.5	.2	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.0	.3	.2	.4	.2	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.0	.4	.3	.3	.2	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.3	.4	.3	.2	.2	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
330.	*	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.0	.0	.0
335.	*	.0	.0	.2	.3	.2	.2	.3	.0	.0	.0	.0	.2	.1	.1	.2	.1	.1	.2	.0	.0
340.	*	.0	.0	.2	.4	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.2	.0	.0
345.	*	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.3	.1	.2	.2	.0	.0
350.	*	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.4	.1	.3	.5	.0	.0
355.	*	.0	.0	.1	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.5	.0	.0

360.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	S12B215P										.0	.0	.0	.3	.2	.3	.5	.0	.0
MAX	*	.4	.3	.5	.6	.6	.4	.3	.2	.6	1.1	.7	.5	.4	.3	.4	.6	1.0	.6	.4	.3								
DEGR.	*	275	140	270	240	280	50	15	70	215	175	85	190	170	250	350	125	80	5	115	105								

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.5	.3	.3	.4	.6
5.	*	.0	.1	.1	.6	.3	.5	.3	.6
10.	*	.0	.1	.1	.5	.1	.5	.2	.5
15.	*	.0	.1	.2	.5	.3	.5	.3	.5
20.	*	.0	.1	.2	.5	.3	.4	.2	.5
25.	*	.0	.1	.2	.4	.3	.4	.2	.5
30.	*	.0	.1	.2	.5	.3	.4	.2	.5
35.	*	.0	.1	.2	.6	.3	.4	.2	.5
40.	*	.0	.1	.2	.4	.2	.4	.2	.5
45.	*	.0	.1	.3	.3	.3	.3	.2	.5
50.	*	.1	.0	.3	.2	.4	.3	.3	.5
55.	*	.1	.0	.1	.2	.4	.2	.3	.5
60.	*	.1	.0	.0	.2	.4	.2	.3	.5
65.	*	.1	.0	.0	.1	.3	.2	.3	.5
70.	*	.1	.0	.0	.0	.3	.2	.3	.5
75.	*	.1	.0	.0	.1	.3	.2	.3	.5
80.	*	.1	.0	.0	.1	.3	.2	.4	.5
85.	*	.1	.0	.0	.1	.3	.2	.4	.5
90.	*	.1	.0	.0	.1	.3	.3	.4	.5
95.	*	.1	.0	.0	.1	.2	.3	.4	.6
100.	*	.1	.0	.0	.1	.2	.3	.3	.6
105.	*	.1	.0	.0	.1	.3	.3	.3	.6
110.	*	.1	.0	.0	.1	.3	.4	.3	.6
115.	*	.1	.0	.0	.1	.3	.4	.3	.6
120.	*	.1	.0	.0	.1	.4	.4	.2	.6
125.	*	.1	.0	.0	.1	.2	.3	.2	.6
130.	*	.1	.0	.0	.0	.2	.3	.2	.6
135.	*	.1	.0	.0	.0	.1	.2	.2	.6
140.	*	.1	.0	.0	.0	.1	.1	.1	.4
145.	*	.1	.0	.0	.0	.0	.0	.0	.3
150.	*	.1	.0	.0	.0	.0	.0	.0	.3
155.	*	.1	.0	.0	.0	.0	.0	.0	.2
160.	*	.1	.0	.0	.0	.0	.0	.0	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.0	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.1	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.2	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.1	.1	.1	.4	.0	.0	.0
270.	*	.0	.1	.1	.1	.4	.0	.0	.0
275.	*	.0	.1	.1	.1	.4	.0	.0	.0
280.	*	.0	.1	.0	.1	.5	.1	.0	.0
285.	*	.0	.1	.0	.1	.5	.1	.0	.0
290.	*	.0	.1	.0	.1	.5	.1	.0	.0
295.	*	.0	.1	.1	.1	.4	.1	.1	.2
300.	*	.0	.1	.1	.1	.4	.1	.1	.2
305.	*	.0	.1	.1	.1	.4	.1	.1	.3
310.	*	.0	.1	.1	.1	.3	.2	.2	.4
315.	*	.0	.1	.1	.1	.3	.2	.2	.5
320.	*	.0	.1	.1	.1	.2	.2	.1	.6
325.	*	.0	.1	.1	.1	.4	.1	.1	.6
330.	*	.0	.1	.1	.2	.6	.1	.1	.7
335.	*	.0	.1	.1	.2	.5	.2	.1	.7
340.	*	.0	.1	.1	.2	.5	.2	.3	.7
345.	*	.0	.1	.1	.3	.4	.2	.3	.7
350.	*	.0	.1	.1	.3	.4	.1	.3	.6
355.	*	.0	.1	.1	.6	.3	.1	.4	.6
360.	*	.0	.1	.1	.5	.3	.3	.4	.6

S12B215P

```

-----*-----
MAX  * .1 .1 .3 .6 .6 .5 .4 .7
DEGR. * 50 0 45 5 330 5 0 330

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 175 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 80 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 85 DEGREES FROM REC11.

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:45:26.64

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 275	REC2 140	REC3 270	REC4 240	REC5 280	REC6 50	REC7 15	REC8 70	REC9 215	REC10 175	REC11 85	REC12 190	REC13 170	REC14 250	REC15 350	REC16 125	REC17 80	REC18 5	REC19 115	REC20 105
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.1
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.2	.0	.0	.0	.3	.5	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 B215PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:45:26.64

RUN: S12 B215PM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 50	REC22 0	REC23 45	REC24 5	REC25 330	REC26 5	REC27 0	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.5
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.0	.0	.1	.4	.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.0	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.1	.1
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12B215P

										S12NB30A	
S12	NB30AM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1						
REC 1	400'	SE CORNER	236972. 550543. 5.								
REC 2	164'	SE CORNER	236786. 550681. 5.								
REC 3	82'	SE CORNER	236718. 550732. 5.								
REC 4		SE CORNER	236670. 550810. 5.								
REC 5	82'	ES CORNER	236732. 550904. 5.								
REC 6	164'	ES CORNER	236802. 550952. 5.								
REC 7	400'	ES CORNER	237012. 551066. 5.								
REC 8	400'	EN CORNER	236879. 551150. 5.								
REC 9	164'	EN CORNER	236696. 551015. 5.								
REC 10	82'	EN CORNER	236625. 550967. 5.								
REC 11		NE CORNER	236556. 550926. 5.								
REC 12	82'	NE CORNER	236497. 550986. 5.								
REC 13	164'	NE CORNE	236453. 551054. 5.								
REC 14	400'	NE CORNE	236331. 551248. 5.								
REC 15	400'	NW CORNE	236236. 551184. 5.								
REC 16	164'	NW CORNE	236365. 550986. 5.								
REC 17	82'	NW CORNER	236408. 550919. 5.								
REC 18		NW CORNER	236436. 550849. 5.								
REC 19	82'	WN CORNE	236386. 550805. 5.								
REC 20	164'	WN CORN	236322. 550754. 5.								
REC 21	400'	WN CORN	236144. 550590. 5.								
REC 22	400'	WS CORN	236223. 550477. 5.								
REC 23	164'	WS CORN	236398. 550636. 5.								
REC 24	82'	WS CORNE	236457. 550687. 5.								
REC 25		SW CORNER	236533. 550735. 5.								
REC 26	82'	SW CORNER	236587. 550682. 5.								
REC 27	164'	SW CORNE	236648. 550632. 5.								
REC 28	400'	SW CORNE	236838. 550500. 5.								
S12	NB30AM	MD 118 & MIDDLEBROOK	43	1	1						
1											
1		NB MID ALLAG237337.550222.237209.550341.	925	2.9	0. 56. 40.						
2		NB MID ALLAG237209.550341.236696.550700.	925	2.9	0. 56. 40.						
3		NB MID THRAG236696.550700.236566.550847.	425	2.9	0. 44. 40.						
3		NB MID THRAG236603.550805.236689.550707.	0.	24.	2						
140		106 4.0 425 29.1 1770 2 3									
5		NB MID LT AG236684.550687.236552.550836.	150	2.9	0. 32. 40.						
6		NB MID LT AG236587.550797.236678.550694.	0.	12.	1						
140		122 4.0 150 29.1 1770 2 3									
0		NB Mid R AG236669.550884.236649.550822.	350	2.9	0. 32. 40.						
0		NB Mid R AG236649.550822.236670.550750.	350	2.9	0. 32. 40.						
0		NB Mid R AG236651.550815.236667.550761.	0.	12.	1						
140		106 4.0 350 29.1 1583 2 3									
9		NB MID DP AG236566.550847.236306.551241.	750	2.9	0. 44. 40.						
10		NB MID DP AG236306.551241.236018.551679.	750	2.9	0. 44. 40.						
11		SB MID ALLAG235966.551646.236215.551261.	750	2.9	0. 44. 40.						
12		SB MID ALLAG236215.551261.236279.551162.	900	2.9	0. 44. 40.						
13		SB MID THRAG236279.551162.236507.550815.	675	2.9	0. 44. 40.						
14		SB MID THRAG236465.550879.236345.551062.	0.	24.	2						
140		106 4.0 675 29.1 1740 2 3									
15		SB MID LT AG236317.551138.236525.550822.	225	2.9	0. 44. 40.						
16		SB MID LT AG236483.550885.236350.551089.	0.	24.	2						
140		122 4.0 225 29.1 1717 2 3									
36		SB 118 dp AG237203.550284.237038.550398.	1100	2.9	0. 56. 40.						
36		SB 118 dp AG237038.550398.236686.550638.	1100	2.9	0. 56. 40.						
36		SB 118 dp AG236686.550638.236601.550708.	1100	2.9	0. 56. 40.						
36		SB 118 dp AG236601.550708.236508.550812.	1100	2.9	0. 56. 40.						
36		SB 118 dp AG237309.550186.237203.550284.	1100	2.9	0. 56. 40.						
30		EB 118 ALLAG235825.550135.236257.550551.	750	2.9	0. 56. 40.						
31		EB 118 ALLAG236257.550551.236356.550646.	750	2.9	0. 56. 40.						
32		EB 118 THRAG236356.550646.236556.550814.	475	2.9	0. 56. 40.						
33		EB 118 THRAG236501.550767.236378.550664.	0.	36.	3						
140		61 4.0 475 29.1 1695 2 3									
35		EB 118 LT AG236343.550661.236542.550825.	50	2.9	0. 32. 40.						
35		EB 118 LT AG236490.550783.236370.550684.	0.	12.	1						
140		131 4.0 50 29.1 1770 2 3									
36		EB 118 RT AG236369.550631.236545.550780.	225	2.9	0. 32. 40.						
37		EB 118 RT AG236512.550752.236394.550653.	0.	12.	1						
75		40 4.0 1 29.1 1750 2 3									
36		EB 118 dp AG237409.551330.236992.551100.	1050	2.9	0. 56. 40.						
36		EB 118 dp AG236992.551100.236559.550816.	1050	2.9	0. 56. 40.						
1		WB 118 L AG236544.550848.236745.550992.	275	2.9	0. 44. 40.						
2		WB 118 L AG236607.550893.236733.550984.	0.	24.	2						

S12NB30A

	140		131		4.0	275		29.1	1717	2	3	
0	1											
		WB	118	L	AG236745.550992.236874.551071.			275	2.9	0.	44.	40.
0	1											
		WB	118	T	AG236529.550869.236744.551018.			1800	2.9	0.	56.	40.
0	2											
		WB	118	T	AG236594.550913.236725.551004.			0.	36.		3	
0		140		61		4.0	1800	29.1	1770	2	3	
0	1											
		WB	118	T	AG236744.551018.236869.551096.			1800	2.9	0.	56.	40.
0	1											
		WB	118	All	AG236878.551092.237118.551237.			2225	2.9	0.	56.	40.
0	1											
		WB	118	All	AG237118.551237.237378.551379.			2225	2.9	0.	56.	40.
0	1											
		WB	118	dp	AG235774.550188.236140.550540.			2025	2.9	0.	56.	40.
0	1											
		WB	118	dp	AG236144.550540.236314.550705.			2025	2.9	0.	56.	40.
0	1											
		WB	118	dp	AG236314.550705.236529.550868.			2025	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72						

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD
DATE: 12/18/2006 TIME: 15:18:38.88

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	925.	2.9	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	925.	2.9	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	425.	2.9	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236684.1	550712.7	*	123.	139. AG	118.	100.0	.0	24.0	.60 6.2
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	150.	2.9	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236680.5	550691.2	*	141.	139. AG	68.	100.0	.0	12.0	.99 7.2
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	350.	2.9	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	350.	2.9	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236822.3	550236.3	*	604.	164. AG	59.	100.0	.0	12.0	1.11 30.7
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	750.	2.9	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	750.	2.9	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	750.	2.9	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	900.	2.9	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	675.	2.9	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236334.0	551078.8	*	239.	327. AG	118.	100.0	.0	24.0	.97 12.1
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	225.	2.9	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236441.0	550949.4	*	77.	327. AG	136.	100.0	.0	24.0	.76 3.9
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1100.	2.9	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1100.	2.9	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1100.	2.9	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1100.	2.9	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1100.	2.9	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	750.	2.9	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	750.	2.9	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	475.	2.9	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236460.6	550733.2	*	53.	230. AG	102.	100.0	.0	36.0	.18 2.7
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	2.9	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236339.4	550658.7	*	195.	230. AG	73.	100.0	.0	12.0	1.35 9.9
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	225.	2.9	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	42.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1050.	2.9	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1050.	2.9	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	275.	2.9	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	237563.5	551583.7	*	1180.	54. AG	146.	100.0	.0	24.0	3.81 59.9
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	275.	2.9	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1800.	2.9	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236758.4	551027.2	*	200.	55. AG	102.	100.0	.0	36.0	.65 10.2
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1800.	2.9	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2225.	2.9	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2225.	2.9	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	2025.	2.9	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	2025.	2.9	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	2025.	2.9	.0	56.0	

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD
DATE: 12/18/2006 TIME: 15:18:38.88

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	140	106	4.0	425	1770	29.10	2	3
6. 6	NB MID LT*	140	122	4.0	150	1770	29.10	2	3
9. 0	NB Mid R*	140	106	4.0	350	1583	29.10	2	3
15. 14	SB MID THR*	140	106	4.0	675	1740	29.10	2	3
17. 16	SB MID LT*	140	122	4.0	225	1717	29.10	2	3
26. 33	EB 118 THR*	140	61	4.0	475	1695	29.10	2	3
28. 35	EB 118 LT*	140	131	4.0	50	1770	29.10	2	3
30. 37	EB 118 RT*	75	40	4.0	1	1750	29.10	2	3
34. 0	WB 118 L*	140	131	4.0	275	1717	29.10	2	3
37. 0	WB 118 T*	140	61	4.0	1800	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

S12NB30A.OUT

21. REC 21 400'	WN CORN *	236144.0	550590.0	5.0	*
22. REC 22 400'	WS CORN *	236223.0	550477.0	5.0	*
23. REC 23 164'	WS CORN *	236398.0	550636.0	5.0	*
24. REC 24 82'	WS CORNE *	236457.0	550687.0	5.0	*
25. REC 25 SW CORNER *		236533.0	550735.0	5.0	*
26. REC 26 82' SW CORNER *		236587.0	550682.0	5.0	*
27. REC 27 164' SW CORNE *		236648.0	550632.0	5.0	*
28. REC 28 400' SW CORNE *		236838.0	550500.0	5.0	*

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.5	.1	.0
5.	*	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.5	.1	.1
10.	*	.1	.1	.1	.5	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.6	.1	.1
15.	*	.1	.1	.1	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.5	.1	.1
20.	*	.1	.1	.1	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.2	.1
25.	*	.0	.1	.1	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.2	.1
30.	*	.0	.1	.1	.3	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.2	.1
35.	*	.0	.1	.1	.3	.6	.6	.5	.0	.0	.1	.0	.0	.0	.0	.1	.4	.5	.4	.2	.1
40.	*	.0	.1	.1	.3	.6	.6	.4	.0	.2	.2	.0	.0	.0	.0	.1	.4	.5	.3	.2	.2
45.	*	.0	.0	.1	.3	.6	.6	.4	.1	.3	.3	.3	.0	.0	.0	.1	.4	.5	.3	.3	.4
50.	*	.0	.0	.1	.1	.5	.5	.3	.2	.4	.4	.4	.0	.0	.0	.1	.4	.5	.5	.4	.2
55.	*	.0	.0	.0	.1	.4	.4	.2	.2	.7	.8	.5	.1	.0	.0	.1	.4	.7	.6	.6	.3
60.	*	.0	.0	.0	.1	.2	.2	.1	.4	.7	.8	.7	.1	.1	.0	.1	.5	.7	.6	.5	.4
65.	*	.0	.0	.0	.0	.2	.2	.1	.5	.9	1.0	.8	.1	.1	.0	.1	.5	.8	.5	.6	.3
70.	*	.0	.0	.0	.0	.1	.1	.0	.6	.9	1.0	.8	.2	.1	.0	.1	.5	.9	.5	.5	.3
75.	*	.0	.0	.0	.0	.1	.1	.0	.6	.9	1.0	.8	.3	.1	.0	.1	.5	1.1	.6	.3	.3
80.	*	.0	.0	.0	.0	.0	.1	.0	.5	.9	1.0	.9	.3	.1	.1	.2	.5	1.1	.4	.3	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.6	.8	1.0	.9	.4	.1	.1	.2	.6	1.0	.3	.2	.3
90.	*	.0	.0	.0	.0	.0	.0	.0	.6	.9	1.0	.9	.4	.1	.1	.2	.6	1.0	.3	.2	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.5	1.0	1.0	.8	.4	.1	.1	.2	.6	.9	.3	.3	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.5	1.0	1.0	.7	.3	.2	.1	.2	.7	.8	.2	.3	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.5	.9	.9	.7	.3	.2	.1	.2	.8	.7	.3	.4	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.5	.8	.9	.5	.3	.2	.1	.2	.7	.6	.3	.4	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.5	.8	.9	.5	.3	.2	.1	.2	.6	.6	.3	.4	.3
120.	*	.1	.1	.1	.0	.0	.0	.0	.5	.8	.9	.4	.3	.2	.1	.1	.6	.7	.4	.4	.3
125.	*	.1	.1	.1	.0	.0	.0	.0	.5	.8	.9	.4	.3	.2	.1	.3	.6	.6	.2	.4	.3
130.	*	.1	.1	.1	.0	.0	.0	.0	.5	.8	.9	.3	.2	.2	.1	.3	.6	.5	.3	.4	.3
135.	*	.1	.1	.1	.0	.0	.0	.0	.5	.8	.9	.3	.2	.2	.0	.3	.5	.3	.2	.4	.3
140.	*	.1	.1	.1	.1	.0	.0	.0	.5	.8	.8	.4	.2	.1	.1	.2	.4	.3	.3	.3	.3
145.	*	.1	.1	.2	.1	.0	.0	.0	.5	.8	.8	.4	.3	.1	.1	.2	.5	.3	.3	.3	.3
150.	*	.1	.2	.2	.1	.0	.0	.0	.5	.8	.8	.4	.4	.1	.1	.1	.3	.1	.4	.3	.3
155.	*	.1	.2	.2	.1	.0	.0	.0	.5	.8	.8	.4	.2	.1	.2	.1	.2	.1	.4	.3	.3
160.	*	.1	.2	.3	.2	.0	.0	.0	.4	.8	.9	.4	.1	.2	.2	.0	.1	.1	.4	.3	.3
165.	*	.1	.2	.3	.3	.0	.0	.0	.4	.8	1.1	.2	.1	.2	.2	.0	.1	.1	.4	.3	.2
170.	*	.2	.2	.3	.3	.0	.0	.0	.4	.8	1.1	.2	.1	.3	.2	.0	.1	.1	.4	.3	.2
175.	*	.2	.2	.2	.3	.1	.0	.0	.4	.9	1.0	.3	.2	.4	.2	.0	.1	.1	.3	.3	.2
180.	*	.2	.3	.2	.5	.1	.0	.0	.4	.9	.8	.3	.3	.4	.2	.0	.0	.1	.3	.3	.2
185.	*	.2	.3	.2	.5	.1	.0	.0	.5	.8	.8	.3	.3	.4	.2	.0	.0	.1	.3	.3	.2
190.	*	.2	.3	.2	.5	.1	.0	.0	.5	1.1	.8	.2	.4	.4	.1	.0	.0	.1	.3	.3	.2
195.	*	.2	.3	.2	.5	.2	.0	.0	.5	1.1	.6	.3	.5	.4	.1	.0	.0	.1	.3	.3	.2
200.	*	.2	.3	.2	.5	.2	.0	.0	.5	.9	.6	.3	.5	.3	.1	.0	.0	.1	.3	.2	.2
205.	*	.2	.3	.1	.5	.2	.0	.0	.5	.9	.6	.3	.5	.3	.1	.0	.0	.0	.3	.3	.3

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.1	.5	.1	.0	.0	.4	.8	.6	.4	.5	.3	.1	.0	.0	.0	.2	.3	.3
215.	*	.2	.3	.1	.5	.1	.2	.0	.5	.9	.5	.4	.4	.3	.1	.0	.0	.0	.3	.3	.3
220.	*	.2	.2	.1	.5	.2	.2	.0	.5	.9	.5	.4	.4	.2	.1	.0	.0	.0	.3	.2	.4
225.	*	.2	.2	.1	.5	.2	.2	.0	.5	.7	.4	.4	.4	.2	.1	.0	.0	.0	.2	.2	.2
230.	*	.2	.2	.3	.5	.2	.1	.0	.5	.7	.4	.3	.3	.2	.1	.0	.0	.0	.2	.2	.1
235.	*	.2	.2	.3	.5	.1	.2	.1	.4	.5	.4	.4	.4	.3	.1	.0	.0	.0	.1	.2	.1
240.	*	.2	.2	.3	.5	.1	.3	.2	.3	.3	.3	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
245.	*	.2	.2	.4	.5	.2	.3	.2	.0	.2	.3	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0
250.	*	.2	.2	.4	.5	.3	.5	.4	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	*	.2	.2	.4	.5	.4	.6	.4	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.2	.4	.3	.3	.6	.4	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.4	.3	.4	.5	.4	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.2	.5	.3	.5	.5	.4	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.5	.3	.6	.5	.3	.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.2	.4	.5	.3	.6	.6	.4	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.4	.5	.3	.6	.6	.4	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.4	.5	.3	.6	.6	.4	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.4	.3	.5	.5	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.4	.2	.5	.5	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.4	.3	.5	.5	.4	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.3	.3	.5	.5	.4	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.1	.2	.2	.5	.5	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0
320.	*	.0	.0	.1	.3	.5	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0
325.	*	.0	.1	.2	.4	.5	.5	.4	.0	.0	.0	.1	.1	.1	.1	.0	.2	.3	.1	.0	.0
330.	*	.1	.1	.1	.4	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.1	.0	.0
335.	*	.1	.2	.2	.4	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.2	.3	.4	.2	.0	.0
340.	*	.1	.2	.2	.4	.5	.4	.4	.0	.0	.0	.0	.1	.0	.0	.2	.3	.4	.3	.0	.0
345.	*	.1	.2	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.1	.0
350.	*	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.1	.0
355.	*	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.5	.1	.0

S12NB30A.OUT

360.	*	.1	.1	.2	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.5	.1	.0
MAX	*	.2	.4	.5	.5	.6	.6	.5	.6	1.1	1.1	.9	.5	.4	.2	.3	.8	1.1	.6	.6	.4
DEGR.	*	170	280	270	0	10	35	35	70	190	165	80	195	175	155	125	105	75	10	55	45

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.3	.5	.1	.1	.6	.2
5.	*	.0	.2	.3	.4	.1	.5	.6	.2
10.	*	.0	.2	.3	.3	.2	.5	.5	.2
15.	*	.0	.2	.3	.4	.4	.5	.5	.2
20.	*	.0	.2	.3	.5	.4	.5	.5	.2
25.	*	.0	.1	.3	.4	.5	.5	.4	.2
30.	*	.0	.1	.5	.5	.6	.5	.4	.2
35.	*	.0	.1	.4	.4	.6	.5	.3	.1
40.	*	.1	.1	.2	.4	.5	.4	.3	.1
45.	*	.2	.1	.2	.3	.5	.5	.3	.1
50.	*	.3	.1	.1	.2	.6	.5	.2	.1
55.	*	.4	.1	.1	.2	.5	.5	.2	.1
60.	*	.4	.0	.1	.2	.4	.4	.2	.1
65.	*	.3	.0	.0	.1	.3	.4	.2	.1
70.	*	.2	.0	.0	.1	.3	.4	.2	.1
75.	*	.2	.0	.0	.1	.3	.4	.2	.1
80.	*	.2	.0	.0	.1	.3	.2	.4	.2
85.	*	.2	.0	.0	.0	.3	.2	.4	.2
90.	*	.2	.0	.0	.0	.3	.2	.4	.2
95.	*	.2	.0	.0	.0	.3	.2	.4	.2
100.	*	.2	.0	.0	.0	.3	.3	.3	.2
105.	*	.2	.0	.0	.0	.2	.3	.3	.1
110.	*	.2	.0	.0	.0	.1	.4	.3	.1
115.	*	.2	.0	.0	.0	.2	.3	.2	.1
120.	*	.2	.0	.0	.0	.3	.3	.2	.1
125.	*	.2	.0	.0	.0	.2	.3	.2	.1
130.	*	.2	.0	.0	.0	.2	.3	.2	.1
135.	*	.2	.0	.0	.0	.1	.2	.2	.1
140.	*	.2	.0	.0	.0	.0	.1	.1	.0
145.	*	.2	.0	.0	.0	.0	.1	.1	.0
150.	*	.2	.0	.0	.0	.0	.0	.1	.0
155.	*	.2	.0	.0	.0	.0	.0	.1	.0
160.	*	.1	.0	.0	.0	.0	.0	.1	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.1
195.	*	.2	.0	.0	.0	.0	.0	.0	.1
200.	*	.3	.0	.0	.0	.0	.0	.0	.1
205.	*	.3	.0	.0	.0	.0	.0	.0	.1

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.1
215.	*	.2	.0	.0	.0	.0	.0	.0	.1
220.	*	.2	.1	.0	.0	.0	.0	.0	.1
225.	*	.2	.1	.0	.0	.0	.0	.0	.1
230.	*	.1	.1	.0	.0	.0	.0	.0	.1
235.	*	.1	.2	.1	.0	.0	.0	.0	.1
240.	*	.1	.2	.2	.0	.0	.0	.0	.1
245.	*	.0	.2	.2	.1	.0	.0	.0	.1
250.	*	.0	.2	.2	.1	.1	.0	.0	.1
255.	*	.0	.2	.2	.2	.2	.0	.0	.1
260.	*	.0	.2	.2	.2	.2	.0	.0	.1
265.	*	.0	.2	.2	.2	.3	.0	.0	.1
270.	*	.0	.2	.1	.2	.3	.0	.0	.1
275.	*	.0	.2	.1	.1	.4	.0	.0	.1
280.	*	.0	.2	.1	.2	.4	.1	.0	.1
285.	*	.0	.2	.1	.2	.4	.2	.0	.1
290.	*	.0	.2	.1	.2	.4	.2	.0	.1
295.	*	.0	.2	.2	.2	.4	.3	.0	.2
300.	*	.0	.2	.2	.2	.4	.2	.0	.2
305.	*	.0	.1	.2	.2	.4	.2	.1	.2
310.	*	.0	.1	.1	.2	.3	.3	.1	.2
315.	*	.0	.2	.2	.2	.3	.3	.1	.2
320.	*	.0	.2	.2	.2	.3	.3	.2	.2
325.	*	.0	.2	.2	.2	.4	.3	.3	.2
330.	*	.0	.2	.2	.2	.4	.2	.2	.1
335.	*	.0	.2	.2	.2	.4	.2	.1	.1
340.	*	.0	.2	.2	.3	.4	.2	.3	.1
345.	*	.0	.2	.2	.3	.4	.1	.3	.2
350.	*	.0	.2	.2	.4	.2	.1	.3	.2
355.	*	.0	.2	.3	.4	.2	.1	.4	.2
360.	*	.0	.2	.3	.5	.1	.1	.6	.2

```

-----*-----
MAX * .4 .2 .5 .5 .6 .5 .6 .2
DEGR. * 55 0 30 0 30 5 0 0

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 190 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 165 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 75 DEGREES FROM REC17.

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD
 DATE: 12/18/2006 TIME: 15:18:38.88

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 170	REC2 280	REC3 270	REC4 0	REC5 10	REC6 35	REC7 35	REC8 70	REC9 190	REC10 165	REC11 80	REC12 195	REC13 175	REC14 155	REC15 125	REC16 105	REC17 75	REC18 10	REC19 55	REC20 45
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.4	.3	.3	.0	.1
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.2	.1	.1
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.2	.3	.3	.2	.4	.3	.3	.3	.0	.0	.0	.0	.1	.2	.0	.2	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0
37	.0	.0	.0	.1	.1	.0	.0	.0	.4	.3	.3	.0	.0	.0	.0	.1	.1	.0	.1	.0
38	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1

1

JOB: S12 NB30AM MD 188 & MIDDLEBROOK RD
 DATE: 12/18/2006 TIME: 15:18:38.88

RUN: S12 NB30AM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
LINK	#	55	0	30	0	30	5	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.1	.1	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.1	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.1	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.1
20	*	.0	.0	.0	.0	.0	.0	.1	.0
21	*	.0	.0	.0	.0	.1	.1	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.1	.0	.0	.0	.0	.0
26	*	.0	.0	.1	.1	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.1	.1	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.1	.0	.1	.0	.2	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.1	.0	.0
37	*	.0	.0	.0	.0	.1	.1	.1
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.1	.0	.0	.0

S12NB30A.OUT

S12NB30P

S12	NB30PM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	236972.	550543.	5.
REC 2	164'	SE CORNER	236786.	550681.	5.
REC 3	82'	SE CORNER	236718.	550732.	5.
REC 4		SE CORNER	236670.	550810.	5.
REC 5	82'	ES CORNER	236732.	550904.	5.
REC 6	164'	ES CORNER	236802.	550952.	5.
REC 7	400'	ES CORNER	237012.	551066.	5.
REC 8	400'	EN CORNER	236879.	551150.	5.
REC 9	164'	EN CORNER	236696.	551015.	5.
REC 10	82'	EN CORNER	236625.	550967.	5.
REC 11		NE CORNER	236556.	550926.	5.
REC 12	82'	NE CORNER	236497.	550986.	5.
REC 13	164'	NE CORNE	236453.	551054.	5.
REC 14	400'	NE CORNE	236331.	551248.	5.
REC 15	400'	NW CORNE	236236.	551184.	5.
REC 16	164'	NW CORNE	236365.	550986.	5.
REC 17	82'	NW CORNER	236408.	550919.	5.
REC 18		NW CORNER	236436.	550849.	5.
REC 19	82'	WN CORNE	236386.	550805.	5.
REC 20	164'	WN CORN	236322.	550754.	5.
REC 21	400'	WN CORN	236144.	550590.	5.
REC 22	400'	WS CORN	236223.	550477.	5.
REC 23	164'	WS CORN	236398.	550636.	5.
REC 24	82'	WS CORNE	236457.	550687.	5.
REC 25		SW CORNER	236533.	550735.	5.
REC 26	82'	SW CORNER	236587.	550682.	5.
REC 27	164'	SW CORNE	236648.	550632.	5.
REC 28	400'	SW CORNE	236838.	550500.	5.

S12 NB30PM MD 118 & MIDDLEBROOK 43 1 1

1					
1	NB MID	ALLAG237337.550222.237209.550341.	1350	2.9	0. 56. 40.
2					
2	NB MID	ALLAG237209.550341.236696.550700.	1350	2.9	0. 56. 40.
3					
3	NB MID	THRAG236696.550700.236566.550847.	750	2.9	0. 44. 40.
2					
3	NB MID	THRAG236603.550805.236689.550707.	0.	24.	2
75	46	4.0 750 29.1 1770 2 3			
1					
5	NB MID	LT AG236684.550687.236552.550836.	200	2.9	0. 32. 40.
2					
6	NB MID	LT AG236587.550797.236678.550694.	0.	12.	1
75	59	4.0 200 29.1 1770 2 3			
1					
0	NB Mid	R AG236669.550884.236649.550822.	400	2.9	0. 32. 40.
1					
0	NB Mid	R AG236649.550822.236670.550750.	400	2.9	0. 32. 40.
2					
0	NB Mid	R AG236651.550815.236667.550761.	0.	12.	1
75	46	4.0 400 29.1 1583 2 3			
1					
9	NB MID	DP AG236566.550847.236306.551241.	1375	2.9	0. 44. 40.
1					
10	NB MID	DP AG236306.551241.236018.551679.	1375	2.9	0. 44. 40.
1					
11	SB MID	ALLAG235966.551646.236215.551261.	1225	2.9	0. 44. 40.
1					
12	SB MID	ALLAG236215.551261.236279.551162.	1225	2.9	0. 44. 40.
1					
13	SB MID	THRAG236279.551162.236507.550815.	900	2.9	0. 44. 40.
2					
14	SB MID	THRAG236465.550879.236345.551062.	0.	24.	2
75	46	4.0 900 29.1 1718 2 3			
1					
15	SB MID	LT AG236317.551138.236525.550822.	325	2.9	0. 44. 40.
2					
16	SB MID	LT AG236483.550885.236350.551089.	0.	24.	2
75	59	4.0 325 29.1 1717 2 3			
1					
36	SB 118	dp AG237203.550284.237038.550398.	1125	2.9	0. 56. 40.
1					
36	SB 118	dp AG237038.550398.236686.550638.	1125	2.9	0. 56. 40.
1					
36	SB 118	dp AG236686.550638.236601.550708.	1125	2.9	0. 56. 40.
1					
36	SB 118	dp AG236601.550708.236508.550812.	1125	2.9	0. 56. 40.
1					
36	SB 118	dp AG237309.550186.237203.550284.	1125	2.9	0. 56. 40.
1					
30	EB 118	ALLAG235825.550135.236257.550551.	975	2.9	0. 56. 40.
1					
31	EB 118	ALLAG236257.550551.236356.550646.	975	2.9	0. 56. 40.
1					
32	EB 118	THRAG236356.550646.236556.550814.	850	2.9	0. 56. 40.
2					
33	EB 118	THRAG236501.550767.236378.550664.	0.	36.	3
75	51	4.0 850 29.1 1695 2 3			
1					
35	EB 118	LT AG236343.550661.236542.550825.	75	2.9	0. 32. 40.
2					
35	EB 118	LT AG236490.550783.236370.550684.	0.	12.	1
75	59	4.0 75 29.1 1770 2 3			
1					
36	EB 118	RT AG236369.550631.236545.550780.	50	2.9	0. 32. 40.
2					
37	EB 118	RT AG236512.550752.236394.550653.	0.	12.	1
75	40	4.0 1 29.1 1750 2 3			
1					
36	EB 118	dp AG237409.551330.236992.551100.	1575	2.9	0. 56. 40.
1					
36	EB 118	dp AG236992.551100.236559.550816.	1575	2.9	0. 56. 40.
1					
2	WB 118	L AG236544.550848.236745.550992.	350	2.9	0. 44. 40.
1					
2	WB 118	L AG236607.550893.236733.550984.	0.	24.	2

										S12NB30P			
1	75		59		4.0	350	29.1	1717	2	3			
0	1	WB	118	L	AG236745.550992.	236874.551071.					350	2.9	0. 44. 40.
0	1	WB	118	T	AG236529.550869.	236744.551018.					900	2.9	0. 56. 40.
0	2	WB	118	T	AG236594.550913.	236725.551004.					0. 36. 3		
0	1	75		51		4.0	900	29.1	1707	2	3		
0	1	WB	118	T	AG236744.551018.	236869.551096.					900	2.9	0. 56. 40.
0	1	WB	118	ALL	AG236878.551092.	237118.551237.					1250	2.9	0. 56. 40.
0	1	WB	118	ALL	AG237118.551237.	237378.551379.					1250	2.9	0. 56. 40.
0	1	WB	118	dp	AG235774.550188.	236140.550540.					725	2.9	0. 56. 40.
0	1	WB	118	dp	AG236144.550540.	236314.550705.					725	2.9	0. 56. 40.
0	1	WB	118	dp	AG236314.550705.	236529.550868.					725	2.9	0. 56. 40.
1.0	0.4	1000. 0.0Y	5	0	72								

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD
DATE: 12/18/2006 TIME: 15:20:09.78

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1350.	2.9	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1350.	2.9	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	750.	2.9	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236665.2	550734.1	*	94.	139. AG	96.	100.0	.0	24.0	.69 4.8
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	2.9	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236638.7	550738.5	*	78.	139. AG	61.	100.0	.0	12.0	.85 4.0
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	400.	2.9	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	400.	2.9	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236681.4	550712.5	*	107.	164. AG	48.	100.0	.0	12.0	.82 5.4
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1375.	2.9	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1375.	2.9	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1225.	2.9	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1225.	2.9	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	900.	2.9	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236396.5	550983.5	*	125.	327. AG	96.	100.0	.0	24.0	.86 6.3
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	325.	2.9	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236454.1	550929.4	*	53.	327. AG	123.	100.0	.0	24.0	.71 2.7
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1125.	2.9	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1125.	2.9	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1125.	2.9	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1125.	2.9	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1125.	2.9	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	975.	2.9	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	975.	2.9	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	850.	2.9	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236440.5	550716.4	*	79.	230. AG	159.	100.0	.0	36.0	.70 4.0
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	75.	2.9	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236471.4	550767.6	*	24.	230. AG	61.	100.0	.0	12.0	.32 1.2
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	2.9	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236511.8	550751.9	*	0.	235. AG	42.	100.0	.0	12.0	.00 .0
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1575.	2.9	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1575.	2.9	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	350.	2.9	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	237362.5	551438.5	*	932.	54. AG	123.	100.0	.0	24.0	1.84 47.3
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	350.	2.9	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	900.	2.9	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236662.7	550960.7	*	84.	55. AG	159.	100.0	.0	36.0	.73 4.3
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	900.	2.9	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1250.	2.9	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1250.	2.9	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	725.	2.9	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	725.	2.9	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	725.	2.9	.0	56.0	

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD
DATE: 12/18/2006 TIME: 15:20:09.78

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	75	46	4.0	750	1770	29.10	2	3
6. 6	NB MID LT*	75	59	4.0	200	1770	29.10	2	3
9. 0	NB Mid R*	75	46	4.0	400	1583	29.10	2	3
15. 14	SB MID THR*	75	46	4.0	900	1718	29.10	2	3
17. 16	SB MID LT*	75	59	4.0	325	1717	29.10	2	3
26. 33	EB 118 THR*	75	51	4.0	850	1695	29.10	2	3
28. 35	EB 118 LT*	75	59	4.0	75	1770	29.10	2	3
30. 37	EB 118 RT*	75	40	4.0	1	1750	29.10	2	3
34. 0	WB 118 L*	75	59	4.0	350	717	29.10	1	3
37. 0	WB 118 T*	75	51	4.0	900	1707	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12NB30P.OUT
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.1	.0
5.	*	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.1	.0
10.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.1	.0
15.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.1	.0
20.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.1	.0
25.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.1	.1
30.	*	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.2	.1
35.	*	.0	.1	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.2	.1
40.	*	.0	.0	.1	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.4	.2	.1
45.	*	.0	.0	.1	.2	.5	.4	.3	.1	.1	.1	.1	.0	.0	.0	.1	.2	.5	.5	.3	.1
50.	*	.0	.0	.0	.2	.5	.4	.3	.1	.1	.2	.2	.0	.0	.0	.1	.2	.5	.5	.2	.1
55.	*	.0	.0	.0	.1	.3	.4	.1	.2	.3	.3	.4	.1	.0	.0	.1	.2	.6	.6	.2	.2
60.	*	.0	.0	.0	.0	.3	.3	.1	.2	.5	.3	.5	.1	.0	.0	.1	.2	.6	.6	.3	.2
65.	*	.0	.0	.0	.0	.2	.2	.1	.4	.5	.5	.6	.1	.1	.0	.2	.3	.7	.7	.4	.3
70.	*	.0	.0	.0	.0	.1	.1	.1	.5	.5	.6	.8	.1	.1	.0	.2	.3	.7	.7	.3	.3
75.	*	.0	.0	.0	.0	.1	.1	.0	.5	.6	.6	.8	.1	.1	.0	.2	.3	.8	.4	.3	.2
80.	*	.0	.0	.0	.0	.1	.1	.0	.5	.6	.7	.9	.1	.1	.0	.2	.4	.8	.3	.3	.2
85.	*	.0	.0	.0	.0	.1	.1	.0	.5	.6	.7	.9	.1	.1	.0	.2	.4	1.0	.4	.1	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.7	.7	.2	.1	.1	.3	.4	1.0	.3	.1	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.8	.7	.2	.1	.1	.3	.5	1.0	.3	.1	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.5	.7	.7	.3	.1	.1	.3	.6	.9	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.7	.2	.1	.1	.3	.6	.7	.2	.2	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.8	.6	.2	.2	.1	.3	.4	.6	.2	.2	.2
115.	*	.1	.1	.0	.0	.0	.0	.0	.3	.4	.8	.5	.2	.2	.1	.2	.5	.4	.1	.2	.2
120.	*	.1	.1	.1	.0	.0	.0	.0	.3	.4	.8	.4	.2	.2	.1	.3	.5	.4	.2	.3	.1
125.	*	.1	.1	.1	.0	.0	.0	.0	.4	.4	.8	.4	.3	.3	.0	.3	.5	.4	.2	.3	.1
130.	*	.2	.1	.1	.1	.0	.0	.0	.4	.4	.9	.4	.3	.3	.0	.3	.5	.4	.2	.3	.1
135.	*	.2	.2	.2	.1	.0	.0	.0	.4	.4	.9	.2	.2	.2	.1	.2	.4	.2	.2	.3	.1
140.	*	.2	.2	.2	.1	.0	.0	.0	.4	.4	.9	.2	.1	.1	.1	.2	.4	.2	.2	.2	.1
145.	*	.2	.3	.3	.1	.0	.0	.0	.4	.4	.9	.3	.2	.2	.2	.2	.2	.3	.2	.2	.1
150.	*	.2	.3	.3	.1	.0	.0	.0	.4	.4	.9	.3	.2	.2	.2	.1	.2	.2	.2	.2	.1
155.	*	.2	.3	.2	.1	.0	.0	.0	.4	.4	.9	.3	.2	.2	.2	.0	.3	.1	.3	.2	.1
160.	*	.2	.2	.2	.1	.0	.0	.0	.4	.4	.9	.4	.2	.2	.2	.0	.1	.1	.3	.1	.1
165.	*	.2	.2	.2	.1	.0	.0	.0	.4	.4	.9	.4	.2	.3	.2	.0	.0	.1	.3	.1	.1
170.	*	.2	.2	.2	.1	.0	.0	.0	.4	.4	.9	.3	.2	.4	.2	.0	.0	.1	.2	.1	.1
175.	*	.2	.2	.1	.2	.0	.0	.0	.4	.4	1.0	.2	.2	.4	.2	.0	.0	.1	.2	.1	.1
180.	*	.2	.2	.1	.2	.0	.0	.0	.3	.4	1.0	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
185.	*	.2	.2	.1	.2	.0	.0	.0	.3	.4	.9	.2	.4	.3	.2	.0	.0	.0	.2	.1	.0
190.	*	.2	.2	.1	.2	.0	.0	.0	.4	.6	.8	.3	.4	.3	.2	.0	.0	.0	.1	.1	.0
195.	*	.2	.2	.1	.2	.0	.0	.0	.4	.6	.8	.3	.4	.3	.1	.0	.0	.0	.1	.1	.0
200.	*	.2	.2	.1	.2	.0	.0	.0	.4	.5	.8	.3	.4	.2	.1	.0	.0	.0	.1	.1	.1
205.	*	.2	.2	.1	.3	.0	.0	.0	.5	.6	.6	.3	.3	.2	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.2	.1	.3	.2	.1	.0	.5	.6	.6	.3	.3	.2	.1	.0	.0	.0	.1	.1	.1
215.	*	.2	.2	.1	.4	.2	.1	.0	.5	.5	.5	.4	.3	.2	.1	.0	.0	.0	.1	.1	.1
220.	*	.2	.2	.0	.4	.2	.1	.0	.4	.4	.4	.3	.3	.2	.1	.0	.0	.0	.1	.1	.1
225.	*	.2	.1	.0	.4	.2	.2	.0	.3	.4	.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.2	.1	.1	.4	.2	.2	.1	.2	.4	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.2	.1	.0	.4	.2	.2	.1	.1	.3	.3	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.5	.2	.2	.1	.2	.2	.3	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.5	.2	.4	.3	.0	.2	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.2	.4	.2	.5	.3	.0	.0	.2	.3	.2	.1	.3	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.2	.3	.3	.5	.3	.0	.0	.1	.3	.2	.1	.3	.0	.0	.0	.0	.0	.0
260.	*	.2	.1	.3	.3	.4	.5	.4	.0	.0	.2	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0
265.	*	.3	.1	.4	.3	.4	.5	.4	.0	.0	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.3	.1	.4	.3	.4	.5	.4	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.3	.1	.4	.3	.5	.5	.4	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.3	.1	.4	.2	.6	.5	.3	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.2	.1	.5	.2	.6	.4	.3	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.2	.2	.5	.2	.6	.4	.3	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
295.	*	.2	.2	.4	.2	.6	.4	.3	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	*	.2	.2	.3	.2	.6	.4	.3	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.3	.2	.4	.3	.3	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.2	.4	.3	.3	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.0	.3	.2	.4	.3	.3	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.4	.4	.3	.3	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0
325.	*	.0	.0	.1	.3	.3	.3	.4	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
330.	*	.0	.1	.3	.3	.3	.3	.4	.0	.0	.0	.1	.2	.2	.1	.2	.1	.2	.2	.0	.0
335.	*	.0	.1	.3	.3	.3	.3	.4	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.2	.0	.0
340.	*	.0	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.2	.0	.0
345.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1	.0	.3	.1	.3	.3	.0	.0
350.	*	.1	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.0	.0	.3	.1	.4	.4	.0	.0
355.	*	.1	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0

																		S12NB30P.OUT									
360.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.1	.0						
MAX	*	.3	.3	.5	.5	.6	.5	.4	.5	.6	1.0	.9	.4	.4	.3	.3	.6	1.0	.7	.4	.3						
DEGR.	*	265	145	285	240	280	250	0	70	75	175	80	180	170	250	90	100	85	65	65	65						

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND		CONCENTRATION							
ANGLE		(PPM)							
(DEGR)	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.5	.3	.1	.3	.3
5.	*	.0	.1	.1	.5	.3	.5	.3	.3
10.	*	.0	.1	.2	.5	.2	.6	.3	.3
15.	*	.0	.1	.2	.5	.2	.6	.2	.3
20.	*	.0	.1	.2	.5	.4	.5	.2	.3
25.	*	.0	.1	.2	.5	.4	.5	.2	.2
30.	*	.0	.1	.3	.5	.4	.5	.2	.2
35.	*	.0	.1	.4	.5	.5	.4	.2	.2
40.	*	.0	.2	.4	.5	.4	.4	.2	.2
45.	*	.0	.2	.4	.4	.5	.3	.1	.2
50.	*	.2	.1	.4	.3	.4	.3	.2	.2
55.	*	.2	.1	.2	.2	.5	.2	.2	.2
60.	*	.2	.0	.1	.1	.5	.1	.2	.2
65.	*	.1	.0	.0	.0	.3	.1	.2	.2
70.	*	.1	.0	.0	.0	.3	.1	.2	.2
75.	*	.1	.0	.0	.0	.3	.1	.2	.2
80.	*	.1	.0	.0	.0	.2	.1	.3	.2
85.	*	.1	.0	.0	.0	.2	.1	.3	.2
90.	*	.1	.0	.0	.0	.2	.2	.3	.2
95.	*	.1	.0	.0	.0	.1	.2	.3	.2
100.	*	.1	.0	.0	.0	.1	.2	.3	.2
105.	*	.1	.0	.0	.0	.2	.2	.2	.3
110.	*	.1	.0	.0	.0	.2	.3	.2	.2
115.	*	.1	.0	.0	.0	.3	.3	.2	.1
120.	*	.1	.0	.0	.0	.3	.3	.1	.1
125.	*	.1	.0	.0	.0	.2	.2	.1	.1
130.	*	.1	.0	.0	.0	.1	.2	.1	.1
135.	*	.1	.0	.0	.0	.0	.1	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.0
150.	*	.1	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND		CONCENTRATION							
ANGLE		(PPM)							
(DEGR)	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.0	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.1	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.3	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.1	.1	.1	.4	.0	.0	.0
270.	*	.0	.1	.1	.1	.4	.0	.0	.0
275.	*	.0	.1	.1	.1	.4	.1	.0	.0
280.	*	.0	.1	.0	.1	.4	.1	.0	.0
285.	*	.0	.1	.0	.1	.4	.1	.0	.0
290.	*	.0	.1	.0	.1	.4	.1	.1	.0
295.	*	.0	.1	.1	.1	.4	.1	.1	.1
300.	*	.0	.1	.1	.1	.4	.1	.1	.1
305.	*	.0	.1	.1	.1	.4	.1	.2	.1
310.	*	.0	.1	.1	.2	.3	.2	.2	.1
315.	*	.0	.1	.1	.2	.3	.2	.2	.1
320.	*	.0	.1	.1	.2	.2	.2	.1	.1
325.	*	.0	.1	.1	.3	.5	.1	.2	.1
330.	*	.0	.1	.1	.3	.5	.1	.1	.2
335.	*	.0	.1	.1	.3	.4	.2	.1	.2
340.	*	.0	.1	.1	.4	.5	.2	.2	.2
345.	*	.0	.1	.1	.4	.3	.2	.2	.2
350.	*	.0	.1	.1	.5	.3	.1	.2	.3
355.	*	.0	.1	.1	.6	.3	.1	.3	.3
360.	*	.0	.1	.1	.5	.3	.1	.3	.3

S12NB30P.OUT

```

-----*-----
MAX * .2 .2 .4 .6 .5 .6 .3 .3
DEGR * 50 40 35 355 35 10 0 0

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 175 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 85 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 80 DEGREES FROM REC11.

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD
 DATE: 12/18/2006 TIME: 15:20:09.78

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 265	REC2 145	REC3 285	REC4 240	REC5 280	REC6 250	REC7 0	REC8 70	REC9 75	REC10 175	REC11 80	REC12 180	REC13 170	REC14 250	REC15 90	REC16 100	REC17 85	REC18 65	REC19 65	REC20 65
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.3	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.1	.2	.3	.3	.2	.3	.0	.0	.0	.1	.1	.1	.2	.1	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
37	.0	.0	.0	.0	.2	.1	.0	.0	.0	.5	.4	.0	.0	.0	.0	.1	.1	.1	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1

1

JOB: S12 NB30PM MD 188 & MIDDLEBROOK RD
 DATE: 12/18/2006 TIME: 15:20:09.78

RUN: S12 NB30PM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 50	REC22 40	REC23 35	REC24 355	REC25 35	REC26 10	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.0	.0	.0	.0
26	.0	.0	.2	.4	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.1	.1	.1	.0	.2	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.1	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12NB30P.OUT

S12B130A.DAT

S12	B130AM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	236972.	550543.	5.
REC 2	164'	SE CORNER	236786.	550681.	5.
REC 3	82'	SE CORNER	236718.	550732.	5.
REC 4		SE CORNER	236670.	550810.	5.
REC 5	82'	ES CORNER	236732.	550904.	5.
REC 6	164'	ES CORNER	236802.	550952.	5.
REC 7	400'	ES CORNER	237012.	551066.	5.
REC 8	400'	EN CORNER	236879.	551150.	5.
REC 9	164'	EN CORNER	236696.	551015.	5.
REC 10	82'	EN CORNER	236625.	550967.	5.
REC 11		NE CORNER	236556.	550926.	5.
REC 12	82'	NE CORNER	236497.	550986.	5.
REC 13	164'	NE CORNE	236453.	551054.	5.
REC 14	400'	NE CORNE	236331.	551248.	5.
REC 15	400'	NW CORNE	236236.	551184.	5.
REC 16	164'	NW CORNE	236365.	550986.	5.
REC 17	82'	NW CORNER	236408.	550919.	5.
REC 18		NW CORNER	236436.	550849.	5.
REC 19	82'	WN CORNE	236386.	550805.	5.
REC 20	164'	WN CORN	236322.	550754.	5.
REC 21	400'	WN CORN	236144.	550590.	5.
REC 22	400'	WS CORN	236223.	550477.	5.
REC 23	164'	WS CORN	236398.	550636.	5.
REC 24	82'	WS CORNE	236457.	550687.	5.
REC 25		SW CORNER	236533.	550735.	5.
REC 26	82'	SW CORNER	236587.	550682.	5.
REC 27	164'	SW CORNE	236648.	550632.	5.
REC 28	400'	SW CORNE	236838.	550500.	5.

S12	B130AM	MD 118 & MIDDLEBROOK	43	1	1

1		NB MID ALLAG237337.550222.237209.550341.	875	2.9	0. 56. 40.
1					
2		NB MID ALLAG237209.550341.236696.550700.	875	2.9	0. 56. 40.
1					
3		NB MID THRAG236696.550700.236566.550847.	375	2.9	0. 44. 40.
2					
3		NB MID THRAG236603.550805.236689.550707.	0.	24.	2
130		102 2.0 375 29.1 1770 2 3			
1					
5		NB MID LT AG236684.550687.236552.550836.	200	2.9	0. 32. 40.
2					
6		NB MID LT AG236587.550797.236678.550694.	0.	12.	1
130		110 2.0 200 29.1 1770 2 3			
1					
0		NB Mid R AG236669.550884.236649.550822.	300	2.9	0. 32. 40.
1					
0		NB Mid R AG236649.550822.236670.550750.	300	2.9	0. 32. 40.
2					
0		NB Mid R AG236651.550815.236667.550761.	0.	12.	1
130		102 2.0 300 29.1 1583 2 3			
1					
9		NB MID DP AG236566.550847.236306.551241.	675	2.9	0. 44. 40.
1					
10		NB MID DP AG236306.551241.236018.551679.	675	2.9	0. 44. 40.
1					
11		SB MID ALLAG235966.551646.236215.551261.	1000	2.9	0. 44. 40.
1					
12		SB MID ALLAG236215.551261.236279.551162.	1000	2.9	0. 44. 40.
1					
13		SB MID THRAG236279.551162.236507.550815.	625	2.9	0. 44. 40.
2					
14		SB MID THRAG236465.550879.236345.551062.	0.	24.	2
130		102 2.0 625 29.1 1727 2 3			
1					
15		SB MID LT AG236317.551138.236525.550822.	375	2.9	0. 44. 40.
2					
16		SB MID LT AG236483.550885.236350.551089.	0.	24.	2
130		110 2.0 375 29.1 1717 2 3			
1					
36		SB 118 dp AG237203.550284.237038.550398.	1050	2.9	0. 56. 40.
1					
36		SB 118 dp AG237038.550398.236686.550638.	1050	2.9	0. 56. 40.
1					
36		SB 118 dp AG236686.550638.236601.550708.	1050	2.9	0. 56. 40.
1					
36		SB 118 dp AG236601.550708.236508.550812.	1050	2.9	0. 56. 40.
1					
36		SB 118 dp AG237309.550186.237203.550284.	1050	2.9	0. 56. 40.
1					
30		EB 118 ALLAG235825.550135.236257.550551.	775	2.9	0. 56. 40.
1					
31		EB 118 ALLAG236257.550551.236356.550646.	775	2.9	0. 56. 40.
1					
32		EB 118 THRAG236356.550646.236556.550814.	450	2.9	0. 56. 40.
2					
33		EB 118 THRAG236501.550767.236378.550664.	0.	36.	3
130		63 3.0 450 29.1 1695 2 3			
1					
35		EB 118 LT AG236343.550661.236542.550825.	50	2.9	0. 32. 40.
2					
35		EB 118 LT AG236490.550783.236370.550684.	0.	12.	1
130		117 3.0 50 29.1 1770 2 3			
1					
36		EB 118 RT AG236369.550631.236545.550780.	275	2.9	0. 32. 40.
2					
37		EB 118 RT AG236512.550752.236394.550653.	0.	12.	1
130		1 3.0 275 29.1 1583 2 3			
1					
36		EB 118 dp AG237409.551330.236992.551100.	1125	2.9	0. 56. 40.
1					
36		EB 118 dp AG236992.551100.236559.550816.	1125	2.9	0. 56. 40.
1					
2		WB 118 L AG236544.550848.236745.550992.	250	2.9	0. 44. 40.
2					
		WB 118 L AG236607.550893.236733.550984.	0.	24.	2

S12B130A.DAT

	130		117	3.0	250	29.1	1717	2	3	
0	1									
		WB 118	L	AG236745.550992.236874.551071.		250	2.9	0.	44.	40.
0	1									
		WB 118	T	AG236529.550869.236744.551018.		1925	2.9	0.	56.	40.
0	2									
		WB 118	T	AG236594.550913.236725.551004.		0.	36.		3	
0		130		63	3.0	1925	29.1	1707	2	3
0	1									
		WB 118	T	AG236744.551018.236869.551096.		1925	2.9	0.	56.	40.
0	1									
		WB 118	All	AG236878.551092.237118.551237.		2175	2.9	0.	56.	40.
0	1									
		WB 118	All	AG237118.551237.237378.551379.		2175	2.9	0.	56.	40.
0	1									
		WB 118	dp	AG235774.550188.236140.550540.		1975	2.9	0.	56.	40.
0	1									
		WB 118	dp	AG236144.550540.236314.550705.		1975	2.9	0.	56.	40.
0	1									
		WB 118	dp	AG236314.550705.236529.550868.		1975	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72				

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD
DATE: 12/20/2006 TIME: 16:00:35.84

RUN: S12 B130AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	NB MID ALL	*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	875.	2.9	.0	56.0		
2. 2	NB MID ALL	*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	875.	2.9	.0	56.0		
3. 3	NB MID THR	*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	375.	2.9	.0	44.0		
4. 3	NB MID THR	*	236603.0	550805.0	236671.8	550726.6	*	104.	139. AG	122.	100.0	.0	24.0	.57	5.3
5. 5	NB MID LT	*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	2.9	.0	32.0		
6. 6	NB MID LT	*	236587.0	550797.0	236682.6	550688.8	*	144.	139. AG	66.	100.0	.0	12.0	.92	7.3
7. 0	NB Mid R	*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	300.	2.9	.0	32.0		
8. 0	NB Mid R	*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	300.	2.9	.0	32.0		
9. 0	NB Mid R	*	236651.0	550815.0	236737.9	550521.6	*	306.	164. AG	61.	100.0	.0	12.0	1.03	15.5
10. 9	NB MID DP	*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	675.	2.9	.0	44.0		
11. 10	NB MID DP	*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	675.	2.9	.0	44.0		
12. 11	SB MID ALL	*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1000.	2.9	.0	44.0		
13. 12	SB MID ALL	*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1000.	2.9	.0	44.0		
14. 13	SB MID THR	*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	625.	2.9	.0	44.0		
15. 14	SB MID THR	*	236465.0	550879.0	236342.3	551066.1	*	224.	327. AG	122.	100.0	.0	24.0	.98	11.4
16. 15	SB MID LT	*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	375.	2.9	.0	44.0		
17. 16	SB MID LT	*	236483.0	550885.0	236412.8	550992.7	*	129.	327. AG	132.	100.0	.0	24.0	.89	6.5
18. 36	SB 118 dp	*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1050.	2.9	.0	56.0		
19. 36	SB 118 dp	*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1050.	2.9	.0	56.0		
20. 36	SB 118 dp	*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1050.	2.9	.0	56.0		
21. 36	SB 118 dp	*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1050.	2.9	.0	56.0		
22. 36	SB 118 dp	*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1050.	2.9	.0	56.0		
23. 30	EB 118 ALL	*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	775.	2.9	.0	56.0		
24. 31	EB 118 ALL	*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	775.	2.9	.0	56.0		
25. 32	EB 118 THR	*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	450.	2.9	.0	56.0		
26. 33	EB 118 THR	*	236501.0	550767.0	236461.4	550733.8	*	52.	230. AG	113.	100.0	.0	36.0	.19	2.6
27. 35	EB 118 LT	*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	2.9	.0	32.0		
28. 35	EB 118 LT	*	236490.0	550783.0	236465.3	550762.6	*	32.	231. AG	70.	100.0	.0	12.0	.46	1.6
29. 36	EB 118 RT	*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	275.	2.9	.0	32.0		
30. 37	EB 118 RT	*	236512.0	550752.0	236510.9	550751.1	*	2.	230. AG	1.	100.0	.0	12.0	.18	.1
31. 36	EB 118 dp	*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1125.	2.9	.0	56.0		
32. 36	EB 118 dp	*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1125.	2.9	.0	56.0		
33. 0	WB 118 L	*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	250.	2.9	.0	44.0		
34. 0	WB 118 L	*	236607.0	550893.0	236867.6	551081.2	*	321.	54. AG	140.	100.0	.0	24.0	1.19	16.3
35. 0	WB 118 L	*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	250.	2.9	.0	44.0		
36. 0	WB 118 T	*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1925.	2.9	.0	56.0		
37. 0	WB 118 T	*	236594.0	550913.0	236775.4	551039.0	*	221.	55. AG	113.	100.0	.0	36.0	.79	11.2
38. 0	WB 118 T	*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1925.	2.9	.0	56.0		
39. 0	WB 118 ALL	*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2175.	2.9	.0	56.0		
40. 0	WB 118 ALL	*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2175.	2.9	.0	56.0		
41. 0	WB 118 dp	*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1975.	2.9	.0	56.0		
42. 0	WB 118 dp	*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1975.	2.9	.0	56.0		
43. 0	WB 118 dp	*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1975.	2.9	.0	56.0		

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD
DATE: 12/20/2006 TIME: 16:00:35.84

RUN: S12 B130AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR	*	130	102	2.0	375	1770	29.10	2	3
6. 6	NB MID LT	*	130	110	2.0	200	1770	29.10	2	3
9. 0	NB Mid R	*	130	102	2.0	300	1583	29.10	2	3
15. 14	SB MID THR	*	130	102	2.0	625	1727	29.10	2	3
17. 16	SB MID LT	*	130	110	2.0	375	1717	29.10	2	3
26. 33	EB 118 THR	*	130	63	3.0	450	1695	29.10	2	3
28. 35	EB 118 LT	*	130	117	3.0	50	1770	29.10	2	3
30. 37	EB 118 RT	*	130	1	3.0	275	1583	29.10	2	3
34. 0	WB 118 L	*	130	117	3.0	250	1717	29.10	2	3
37. 0	WB 118 T	*	130	63	3.0	1925	1707	29.10	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (FT)			*
		*	X	Y	Z	*
1. REC 1	400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2	164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3	82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4	SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5	82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6	164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7	400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8	400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9	164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10	82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11	NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12	82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13	164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14	400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15	400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16	164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17	82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18	NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19	82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20	164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B130A
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD

RUN: S12 B130AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.5	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.1	.0
5.	.0	.1	.2	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.6	.2	.1
10.	.0	.1	.2	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.6	.2	.1
15.	.0	.1	.5	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.6	.2	.1
20.	.0	.1	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.4	.2	.1
25.	.0	.1	.4	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.4	.2	.2
30.	.0	.0	.3	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.7	.4	.2	.2
35.	.0	.0	.2	.5	.4	.3	.0	.0	.1	.0	.0	.0	.0	.0	.1	.4	.7	.4	.2	.2
40.	.0	.0	.2	.4	.4	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.4	.7	.3	.2	.2
45.	.0	.0	.2	.4	.3	.2	.0	.2	.2	.2	.0	.0	.0	.0	.1	.4	.7	.2	.2	.3
50.	.0	.0	.0	.4	.3	.2	.0	.3	.3	.3	.0	.0	.0	.0	.1	.4	.7	.5	.6	.2
55.	.0	.0	.0	.2	.2	.1	.0	.5	.6	.4	.0	.0	.0	.0	.1	.4	.7	.5	.4	.4
60.	.0	.0	.0	.2	.1	.1	.1	.6	.8	.6	.0	.0	.0	.0	.1	.4	.7	.5	.4	.4
65.	.0	.0	.0	.1	.1	.1	.2	.7	.9	.7	.0	.0	.0	.0	.1	.4	.9	.4	.5	.4
70.	.0	.0	.0	.1	.1	.0	.2	.8	.9	.7	.1	.0	.0	.0	.1	.5	.9	.4	.5	.3
75.	.0	.0	.0	.1	.1	.0	.2	.7	.9	1.0	.2	.0	.0	.0	.1	.5	1.0	.5	.3	.2
80.	.0	.0	.0	.0	.1	.0	.3	.9	1.0	.9	.2	.0	.0	.0	.1	.6	1.0	.5	.2	.2
85.	.0	.0	.0	.0	.0	.0	.3	1.1	1.0	.9	.3	.1	.0	.0	.1	.7	1.0	.4	.2	.3
90.	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	.9	.3	.1	.0	.0	.1	.9	.9	.2	.2	.3
95.	.0	.0	.0	.0	.0	.0	.0	.2	1.1	1.0	.9	.3	.2	.0	.1	.9	.9	.2	.3	.3
100.	.0	.0	.0	.0	.0	.0	.0	.2	1.1	1.0	.7	.3	.2	.0	.1	1.0	.9	.2	.3	.2
105.	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.7	.3	.2	.0	.1	1.1	.9	.3	.3	.2
110.	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.7	.3	.2	.0	.1	.9	.6	.3	.3	.2
115.	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.6	.3	.3	.0	.1	.8	.6	.3	.3	.2
120.	.1	.1	.0	.0	.0	.0	.2	.9	.9	.5	.3	.3	.1	.1	.8	.6	.2	.3	.2	.2
125.	.1	.1	.1	.0	.0	.0	.2	.9	.9	.5	.3	.3	.1	.2	.7	.5	.2	.3	.2	.2
130.	.1	.1	.1	.0	.0	.0	.2	.9	.9	.4	.3	.3	.0	.3	.7	.5	.2	.3	.2	.2
135.	.1	.1	.1	.0	.0	.0	.1	.9	.9	.4	.1	.3	.0	.3	.5	.3	.2	.3	.2	.2
140.	.1	.1	.1	.1	.0	.0	.1	.9	.9	.4	.2	.1	.1	.4	.5	.3	.3	.2	.2	.2
145.	.1	.1	.1	.1	.0	.0	.2	1.0	.9	.5	.3	.1	.1	.2	.5	.2	.3	.2	.2	.2
150.	.1	.2	.2	.1	.0	.0	.2	1.0	.9	.5	.3	.1	.1	.1	.2	.1	.3	.2	.2	.2
155.	.1	.2	.2	.1	.0	.0	.1	.9	.9	.4	.2	.1	.2	.1	.2	.1	.2	.2	.2	.2
160.	.1	.2	.2	.1	.0	.0	.1	.9	.9	.3	.1	.2	.2	.0	.1	.1	.2	.2	.2	.2
165.	.1	.2	.2	.3	.0	.0	.1	.9	1.1	.3	.1	.2	.2	.0	.1	.1	.2	.2	.2	.2
170.	.1	.2	.2	.3	.0	.0	.1	.9	1.0	.2	.1	.3	.2	.0	.1	.1	.3	.2	.1	.2
175.	.2	.2	.2	.3	.0	.0	.2	1.0	1.0	.2	.2	.5	.2	.0	.1	.1	.2	.2	.2	.2
180.	.2	.1	.2	.4	.0	.0	.2	1.0	1.0	.3	.3	.5	.2	.0	.0	.1	.2	.2	.2	.2
185.	.2	.1	.2	.5	.1	.0	.3	1.0	1.0	.3	.3	.5	.1	.0	.0	.1	.2	.2	.2	.2
190.	.2	.1	.2	.5	.1	.0	.4	1.0	.9	.3	.4	.5	.1	.0	.0	.1	.2	.2	.2	.2
195.	.2	.1	.2	.5	.1	.0	.4	1.0	.7	.4	.4	.5	.1	.0	.0	.1	.2	.2	.2	.2
200.	.2	.1	.2	.5	.2	.0	.4	1.0	.6	.3	.5	.5	.1	.0	.0	.1	.2	.2	.2	.2
205.	.2	.1	.1	.5	.2	.0	.5	1.0	.6	.3	.5	.4	.1	.0	.0	.0	.2	.3	.3	.3

1

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD

RUN: S12 B130AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.2	.1	.5	.1	.0	.0	.6	.9	.6	.3	.5	.4	.1	.0	.0	.0	.2	.3	.3
215.	.2	.2	.1	.5	.1	.1	.0	.5	.9	.5	.3	.4	.4	.1	.0	.0	.0	.3	.3	.3
220.	.2	.2	.1	.5	.2	.1	.0	.5	.9	.5	.4	.4	.3	.1	.0	.0	.0	.2	.2	.4
225.	.2	.2	.2	.5	.2	.1	.0	.5	.8	.5	.3	.5	.3	.1	.0	.0	.0	.2	.2	.2
230.	.2	.2	.2	.5	.2	.1	.0	.5	.8	.4	.3	.5	.3	.1	.0	.0	.0	.1	.2	.1
235.	.2	.2	.2	.5	.1	.2	.1	.4	.4	.4	.4	.5	.3	.1	.0	.0	.0	.1	.2	.1
240.	.2	.2	.2	.5	.2	.3	.2	.3	.3	.3	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0
245.	.2	.2	.2	.5	.3	.3	.3	.1	.3	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0
250.	.2	.2	.3	.5	.3	.5	.3	.0	.4	.3	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0
255.	.2	.2	.3	.5	.4	.6	.4	.0	.3	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0
260.	.2	.2	.3	.3	.4	.6	.4	.0	.3	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0
265.	.2	.2	.3	.3	.5	.6	.4	.0	.1	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0
270.	.2	.2	.4	.3	.7	.7	.3	.0	.1	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0
275.	.2	.2	.4	.3	.7	.6	.3	.0	.0	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
280.	.2	.3	.4	.3	.7	.6	.3	.0	.0	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
285.	.1	.4	.4	.3	.6	.6	.2	.0	.0	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
290.	.1	.4	.4	.4	.6	.6	.2	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	.1	.3	.4	.4	.6	.6	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	.1	.2	.4	.4	.6	.6	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
305.	.1	.2	.4	.4	.6	.6	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
310.	.1	.1	.3	.4	.6	.6	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.0	.1	.2	.2	.6	.6	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0
320.	.0	.0	.2	.4	.6	.6	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0
325.	.0	.1	.2	.4	.6	.5	.2	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.1	.0	.0
330.	.0	.2	.2	.4	.6	.5	.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.1	.0	.0
335.	.0	.2	.2	.4	.6	.5	.2	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.2	.0	.0
340.	.0	.2	.2	.4	.6	.5	.2	.0	.0	.0	.0	.1	.0	.0	.2	.3	.4	.4	.0	.0
345.	.0	.2	.2	.5	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.1	.0
350.	.0	.2	.2	.5	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.5	.1	.0
355.	.0	.1	.2	.5	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.6	.1	.0

															S12B130A									
360.	*	.0	.1	.2	.5	.6	.4	.2	.0	.0	.0	.0	.0	.0	.1	.5	.6	.6	.1	.0				
MAX	*	.2	.4	.4	.5	.7	.7	.4	.6	1.1	1.1	1.0	.5	.5	.2	.4	1.1	1.0	.6	.4				
DEGR.	*	175	285	270	0	270	270	255	210	85	165	75	200	175	155	140	105	75	0	55				

1

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD

RUN: S12 B130AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.4	.1	.3	.6	.1	
5.	.0	.2	.2	.4	.2	.5	.6	.1	
10.	.0	.2	.3	.4	.2	.6	.6	.1	
15.	.0	.2	.1	.3	.4	.5	.6	.1	
20.	.0	.2	.1	.3	.4	.5	.5	.1	
25.	.0	.1	.3	.2	.5	.5	.4	.1	
30.	.0	.1	.3	.5	.5	.5	.2	.1	
35.	.0	.1	.3	.4	.5	.4	.2	.1	
40.	.1	.0	.3	.3	.5	.5	.2	.1	
45.	.1	.0	.2	.4	.5	.4	.2	.1	
50.	.2	.0	.1	.3	.4	.4	.2	.1	
55.	.3	.0	.0	.2	.5	.4	.2	.1	
60.	.3	.0	.0	.1	.3	.4	.2	.1	
65.	.2	.0	.0	.1	.3	.4	.2	.1	
70.	.2	.0	.0	.1	.3	.3	.2	.1	
75.	.2	.0	.0	.1	.3	.3	.2	.1	
80.	.2	.0	.0	.0	.3	.2	.3	.1	
85.	.2	.0	.0	.0	.3	.2	.3	.1	
90.	.2	.0	.0	.0	.3	.2	.4	.1	
95.	.2	.0	.0	.0	.3	.2	.4	.2	
100.	.2	.0	.0	.0	.3	.2	.3	.1	
105.	.2	.0	.0	.0	.1	.3	.3	.1	
110.	.2	.0	.0	.0	.1	.4	.2	.1	
115.	.2	.0	.0	.0	.1	.3	.2	.1	
120.	.2	.0	.0	.0	.2	.3	.2	.1	
125.	.2	.0	.0	.0	.1	.3	.2	.1	
130.	.2	.0	.0	.0	.1	.2	.2	.1	
135.	.2	.0	.0	.0	.0	.1	.2	.1	
140.	.2	.0	.0	.0	.0	.0	.1	.0	
145.	.2	.0	.0	.0	.0	.0	.0	.0	
150.	.2	.0	.0	.0	.0	.0	.0	.0	
155.	.2	.0	.0	.0	.0	.0	.0	.0	
160.	.1	.0	.0	.0	.0	.0	.0	.0	
165.	.1	.0	.0	.0	.0	.0	.0	.0	
170.	.1	.0	.0	.0	.0	.0	.0	.0	
175.	.2	.0	.0	.0	.0	.0	.0	.0	
180.	.2	.0	.0	.0	.0	.0	.0	.0	
185.	.2	.0	.0	.0	.0	.0	.0	.0	
190.	.2	.0	.0	.0	.0	.0	.0	.0	
195.	.2	.0	.0	.0	.0	.0	.0	.0	
200.	.3	.0	.0	.0	.0	.0	.0	.0	
205.	.3	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD

RUN: S12 B130AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.0	.0	.0	.0	.0	.0	
215.	.2	.0	.0	.0	.0	.0	.0	.0	
220.	.2	.1	.0	.0	.0	.0	.0	.0	
225.	.2	.1	.0	.0	.0	.0	.0	.0	
230.	.1	.1	.0	.0	.0	.0	.0	.0	
235.	.1	.2	.1	.0	.0	.0	.0	.0	
240.	.1	.2	.2	.0	.0	.0	.0	.0	
245.	.0	.2	.2	.1	.0	.0	.0	.0	
250.	.0	.2	.2	.1	.0	.0	.0	.0	
255.	.0	.2	.2	.1	.1	.0	.0	.0	
260.	.0	.2	.2	.1	.1	.0	.0	.0	
265.	.0	.2	.2	.1	.2	.0	.0	.0	
270.	.0	.2	.1	.1	.3	.0	.0	.0	
275.	.0	.2	.1	.0	.3	.0	.0	.0	
280.	.0	.2	.1	.1	.3	.0	.0	.0	
285.	.0	.2	.1	.1	.3	.0	.0	.0	
290.	.0	.2	.1	.1	.3	.2	.0	.0	
295.	.0	.2	.1	.1	.3	.2	.0	.2	
300.	.0	.2	.1	.1	.3	.2	.0	.2	
305.	.0	.1	.1	.1	.3	.2	.0	.2	
310.	.0	.1	.0	.1	.3	.3	.1	.2	
315.	.0	.2	.1	.1	.3	.3	.1	.2	
320.	.0	.2	.1	.1	.3	.3	.2	.2	
325.	.0	.2	.1	.1	.5	.4	.2	.2	
330.	.0	.2	.1	.1	.4	.3	.2	.1	
335.	.0	.2	.1	.1	.4	.3	.1	.1	
340.	.0	.2	.1	.2	.4	.2	.3	.1	
345.	.0	.2	.1	.2	.4	.1	.3	.2	
350.	.0	.2	.1	.4	.3	.1	.3	.2	
355.	.0	.2	.2	.4	.2	.1	.5	.1	
360.	.0	.2	.2	.4	.1	.3	.6	.1	

S12B130A

```

-----*-----
MAX  *   .3   .2   .3   .5   .6   .6   .2
DEGR *   55   0   10   30   25   10   0   95

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 85 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 165 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC16.

1

PAGE 7

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD
 DATE: 12/20/2006 TIME: 16:00:35.84

RUN: S12 B130AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 285	REC3 270	REC4 0	REC5 270	REC6 270	REC7 255	REC8 210	REC9 85	REC10 165	REC11 75	REC12 200	REC13 175	REC14 155	REC15 140	REC16 105	REC17 75	REC18 0	REC19 50	REC20 55
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.4	.3	.3	.1	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1	.3	.3	.2	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.2	.2	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1	.0	.1	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.1	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.1	.0
37	.0	.0	.0	.1	.1	.2	.1	.1	.4	.3	.4	.0	.0	.0	.0	.1	.1	.0	.1	.1
38	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2

1

PAGE 8

JOB: S12 B130AM MD 188 & MIDDLEBROOK RD
 DATE: 12/20/2006 TIME: 16:00:35.84

RUN: S12 B130AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 10	REC24 30	REC25 25	REC26 10	REC27 0	REC28 95
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.1	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.2	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.1	.1	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.1	.1	.1	.0
37	*	.0	.0	.0	.1	.1	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.0	.0	.0	.0

S12B130A

S12B130P.DAT

S12	B130PM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	236972.	550543.	5.
REC 2	164'	SE CORNER	236786.	550681.	5.
REC 3	82'	SE CORNER	236718.	550732.	5.
REC 4		SE CORNER	236670.	550810.	5.
REC 5	82'	ES CORNER	236732.	550904.	5.
REC 6	164'	ES CORNER	236802.	550952.	5.
REC 7	400'	ES CORNER	237012.	551066.	5.
REC 8	400'	EN CORNER	236879.	551150.	5.
REC 9	164'	EN CORNER	236696.	551015.	5.
REC 10	82'	EN CORNER	236625.	550967.	5.
REC 11		NE CORNER	236556.	550926.	5.
REC 12	82'	NE CORNER	236497.	550986.	5.
REC 13	164'	NE CORNE	236453.	551054.	5.
REC 14	400'	NE CORNE	236331.	551248.	5.
REC 15	400'	NW CORNE	236236.	551184.	5.
REC 16	164'	NW CORNE	236365.	550986.	5.
REC 17	82'	NW CORNER	236408.	550919.	5.
REC 18		NW CORNER	236436.	550849.	5.
REC 19	82'	WN CORNE	236386.	550805.	5.
REC 20	164'	WN CORN	236322.	550754.	5.
REC 21	400'	WN CORN	236144.	550590.	5.
REC 22	400'	WS CORN	236223.	550477.	5.
REC 23	164'	WS CORN	236398.	550636.	5.
REC 24	82'	WS CORNE	236457.	550687.	5.
REC 25		SW CORNER	236533.	550735.	5.
REC 26	82'	SW CORNER	236587.	550682.	5.
REC 27	164'	SW CORNE	236648.	550632.	5.
REC 28	400'	SW CORNE	236838.	550500.	5.

S12	B130PM	MD 118 & MIDDLEBROOK	43	1	1

1					
1	NB	MID	ALLAG237337.550222.237209.550341.	1225	2.9 0. 56. 40.
2					
1	NB	MID	ALLAG237209.550341.236696.550700.	1225	2.9 0. 56. 40.
3					
2	NB	MID	THRAG236696.550700.236566.550847.	650	2.9 0. 44. 40.
3					
90	NB	MID	THRAG236603.550805.236689.550707.	0.	24. 2
		58	2.0 650 29.1 1770 2 3		
5					
2	NB	MID	LT AG236684.550687.236552.550836.	225	2.9 0. 32. 40.
6					
90	NB	MID	LT AG236587.550797.236678.550694.	0.	12. 1
		71	2.0 222 29.1 1770 2 3		
1					
0	NB	Mid	R AG236669.550884.236649.550822.	350	2.9 0. 32. 40.
1					
0	NB	Mid	R AG236649.550822.236670.550750.	350	2.9 0. 32. 40.
2					
0	NB	Mid	R AG236651.550815.236667.550761.	0.	12. 1
		98	2.0 350 29.1 1583 2 3		
9					
1	NB	MID	DP AG236566.550847.236306.551241.	1425	2.9 0. 44. 40.
10					
1	NB	MID	DP AG236306.551241.236018.551679.	1425	2.9 0. 44. 40.
11					
1	SB	MID	ALLAG235966.551646.236215.551261.	1475	2.9 0. 44. 40.
12					
1	SB	MID	ALLAG236215.551261.236279.551162.	1475	2.9 0. 44. 40.
13					
1	SB	MID	THRAG236279.551162.236507.550815.	950	2.9 0. 44. 40.
2					
14	SB	MID	THRAG236465.550879.236345.551062.	0.	24. 2
		58	2.0 950 29.1 1714 2 3		
15					
1	SB	MID	LT AG236317.551138.236525.550822.	525	2.9 0. 44. 40.
2					
16	SB	MID	LT AG236483.550885.236350.551089.	0.	24. 2
		71	2.0 525 29.1 1717 2 3		
36					
1	SB	118	dp AG237203.550284.237038.550398.	1050	2.9 0. 56. 40.
36					
1	SB	118	dp AG237038.550398.236686.550638.	1050	2.9 0. 56. 40.
36					
1	SB	118	dp AG236686.550638.236601.550708.	1050	2.9 0. 56. 40.
36					
1	SB	118	dp AG236601.550708.236508.550812.	1050	2.9 0. 56. 40.
36					
1	SB	118	dp AG237309.550186.237203.550284.	1050	2.9 0. 56. 40.
30					
1	EB	118	ALLAG235825.550135.236257.550551.	925	2.9 0. 56. 40.
31					
1	EB	118	ALLAG236257.550551.236356.550646.	925	2.9 0. 56. 40.
32					
1	EB	118	THRAG236356.550646.236556.550814.	775	2.9 0. 56. 40.
2					
33	EB	118	THRAG236501.550767.236378.550664.	0.	36. 3
		63	3.0 775 29.1 1695 2 3		
35					
1	EB	118	LT AG236343.550661.236542.550825.	100	2.9 0. 32. 40.
2					
35	EB	118	LT AG236490.550783.236370.550684.	0.	12. 1
		80	3.0 100 29.1 1770 2 3		
36					
1	EB	118	RT AG236369.550631.236545.550780.	50	2.9 0. 32. 40.
2					
37	EB	118	RT AG236512.550752.236394.550653.	0.	12. 1
		1	3.0 50 29.1 1583 2 3		
36					
1	EB	118	dp AG237409.551330.236992.551100.	1650	2.9 0. 56. 40.
36					
1	EB	118	dp AG236992.551100.236559.550816.	1650	2.9 0. 56. 40.
2					
1	WB	118	L AG236544.550848.236745.550992.	250	2.9 0. 44. 40.
2					
	WB	118	L AG236607.550893.236733.550984.	0.	24. 2

S12B130P.DAT

	90	80	3.0	250	29.1	1717	2	3	
1									
0	1	WB 118 L	AG236745.550992.236874.551071.		250	2.9	0.	44.	40.
0	1	WB 118 T	AG236529.550869.236744.551018.		925	2.9	0.	56.	40.
0	2	WB 118 T	AG236594.550913.236725.551004.		0.	36.	3		
0	90	63	3.0	925	29.1	1707	2	3	
1									
0	1	WB 118 T	AG236744.551018.236869.551096.		925	2.9	0.	56.	40.
0	1	WB 118 All	AG236878.551092.237118.551237.		1175	2.9	0.	56.	40.
0	1	WB 118 All	AG237118.551237.237378.551379.		1175	2.9	0.	56.	40.
0	1	WB 118 dp	AG235774.550188.236140.550540.		675	2.9	0.	56.	40.
0	1	WB 118 dp	AG236144.550540.236314.550705.		675	2.9	0.	56.	40.
0	1	WB 118 dp	AG236314.550705.236529.550868.		675	2.9	0.	56.	40.
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:42:27.97

RUN: S12 B130PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	NB MID ALL	*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1225.	2.9	.0	56.0		
2. 2	NB MID ALL	*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1225.	2.9	.0	56.0		
3. 3	NB MID THR	*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	650.	2.9	.0	44.0		
4. 3	NB MID THR	*	236603.0	550805.0	236671.0	550727.5	*	103.	139. AG	101.	100.0	.0	24.0	.59	5.2
5. 5	NB MID LT	*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	225.	2.9	.0	32.0		
6. 6	NB MID LT	*	236587.0	550797.0	236644.4	550732.0	*	87.	139. AG	62.	100.0	.0	12.0	.76	4.4
7. 0	NB Mid R	*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	350.	2.9	.0	32.0		
8. 0	NB Mid R	*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	350.	2.9	.0	32.0		
9. 0	NB Mid R	*	236651.0	550815.0	236712.9	550605.9	*	218.	164. AG	85.	100.0	.0	12.0	****	11.1
10. 9	NB MID DP	*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1425.	2.9	.0	44.0		
11. 10	NB MID DP	*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1425.	2.9	.0	44.0		
12. 11	SB MID ALL	*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1475.	2.9	.0	44.0		
13. 12	SB MID ALL	*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1475.	2.9	.0	44.0		
14. 13	SB MID THR	*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	950.	2.9	.0	44.0		
15. 14	SB MID THR	*	236465.0	550879.0	236372.0	551020.8	*	170.	327. AG	101.	100.0	.0	24.0	.89	8.6
16. 15	SB MID LT	*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	525.	2.9	.0	44.0		
17. 16	SB MID LT	*	236483.0	550885.0	236412.6	550992.9	*	129.	327. AG	123.	100.0	.0	24.0	.92	6.5
18. 36	SB 118 dp	*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1050.	2.9	.0	56.0		
19. 36	SB 118 dp	*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1050.	2.9	.0	56.0		
20. 36	SB 118 dp	*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1050.	2.9	.0	56.0		
21. 36	SB 118 dp	*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1050.	2.9	.0	56.0		
22. 36	SB 118 dp	*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1050.	2.9	.0	56.0		
23. 30	EB 118 ALL	*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	925.	2.9	.0	56.0		
24. 31	EB 118 ALL	*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	925.	2.9	.0	56.0		
25. 32	EB 118 THR	*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	775.	2.9	.0	56.0		
26. 33	EB 118 THR	*	236501.0	550767.0	236432.9	550709.9	*	89.	230. AG	164.	100.0	.0	36.0	.62	4.5
27. 35	EB 118 LT	*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	100.	2.9	.0	32.0		
28. 35	EB 118 LT	*	236490.0	550783.0	236411.2	550718.0	*	102.	230. AG	69.	100.0	.0	12.0	1.02	5.2
29. 36	EB 118 RT	*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	2.9	.0	32.0		
30. 37	EB 118 RT	*	236512.0	550752.0	236511.8	550751.9	*	0.	229. AG	1.	100.0	.0	12.0	.03	.0
31. 36	EB 118 dp	*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1650.	2.9	.0	56.0		
32. 36	EB 118 dp	*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1650.	2.9	.0	56.0		
33. 0	WB 118 L	*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	250.	2.9	.0	44.0		
34. 0	WB 118 L	*	236607.0	550893.0	236930.6	551126.7	*	399.	54. AG	139.	100.0	.0	24.0	1.32	20.3
35. 0	WB 118 L	*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	250.	2.9	.0	44.0		
36. 0	WB 118 T	*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	925.	2.9	.0	56.0		
37. 0	WB 118 T	*	236594.0	550913.0	236681.2	550973.5	*	106.	55. AG	164.	100.0	.0	36.0	.74	5.4
38. 0	WB 118 T	*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	925.	2.9	.0	56.0		
39. 0	WB 118 ALL	*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1175.	2.9	.0	56.0		
40. 0	WB 118 ALL	*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1175.	2.9	.0	56.0		
41. 0	WB 118 dp	*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	675.	2.9	.0	56.0		
42. 0	WB 118 dp	*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	675.	2.9	.0	56.0		
43. 0	WB 118 dp	*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	675.	2.9	.0	56.0		

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD
DATE: 12/29/2006 TIME: 10:42:27.97

RUN: S12 B130PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR	*	90	58	2.0	650	1770	29.10	2	3
6. 6	NB MID LT	*	90	71	2.0	222	1770	29.10	2	3
9. 0	NB Mid R	*	90	98	2.0	350	1583	29.10	2	3
15. 14	SB MID THR	*	90	58	2.0	950	1714	29.10	2	3
17. 16	SB MID LT	*	90	71	2.0	525	1717	29.10	2	3
26. 33	EB 118 THR	*	90	63	3.0	775	1695	29.10	2	3
28. 35	EB 118 LT	*	90	80	3.0	100	1770	29.10	2	3
30. 37	EB 118 RT	*	90	1	3.0	50	1583	29.10	2	3
34. 0	WB 118 L	*	90	80	3.0	250	1717	29.10	2	3
37. 0	WB 118 T	*	90	63	3.0	925	1707	29.10	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	X	Y	Z	*
1. REC 1	400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2	164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3	82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4	SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5	82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6	164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7	400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8	400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9	164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10	82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11	NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12	82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13	164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14	400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15	400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16	164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17	82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18	NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19	82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20	164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B130P
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.6	.1	.0
5.	.0	.1	.2	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.2	.0
10.	.0	.1	.2	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.2	.0
15.	.0	.1	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.2	.1
20.	.0	.2	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.6	.2	.1
25.	.0	.2	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.6	.2	.2
30.	.0	.1	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.6	.2	.2
35.	.0	.0	.2	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.7	.5	.2	.2
40.	.0	.0	.2	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.5	.2	.2
45.	.0	.0	.2	.4	.4	.4	.2	.0	.0	.0	.1	.0	.0	.0	.1	.5	.7	.4	.2	.1
50.	.0	.0	.1	.4	.4	.4	.2	.0	.1	.2	.3	.0	.0	.0	.1	.5	.7	.6	.2	.1
55.	.0	.0	.1	.4	.3	.2	.0	.3	.3	.4	.0	.0	.0	.0	.1	.5	.7	.6	.2	.2
60.	.0	.0	.0	.2	.3	.1	.0	.4	.4	.5	.0	.0	.0	.0	.1	.5	.7	.5	.2	.2
65.	.0	.0	.0	.2	.2	.1	.1	.1	.4	.5	.6	.1	.0	.0	.2	.5	.8	.7	.4	.3
70.	.0	.0	.0	.0	.1	.1	.1	.2	.5	.8	.9	.1	.0	.0	.2	.6	.9	.7	.4	.3
75.	.0	.0	.0	.0	.1	.1	.0	.2	.6	.8	.9	.1	.0	.0	.2	.7	.9	.4	.3	.2
80.	.0	.0	.0	.0	.1	.1	.0	.2	.6	.9	.9	.1	.1	.0	.2	.7	.9	.4	.3	.2
85.	.0	.0	.0	.0	.1	.1	.0	.2	.6	.9	.9	.2	.1	.0	.2	.7	1.0	.3	.1	.3
90.	.0	.0	.0	.0	.0	.0	.0	.2	.5	.9	.9	.2	.1	.0	.2	.9	1.0	.3	.1	.3
95.	.0	.0	.0	.0	.0	.0	.0	.2	.5	1.0	.8	.3	.1	.0	.2	.9	1.0	.3	.1	.3
100.	.0	.0	.0	.0	.0	.0	.0	.3	.5	1.0	.7	.3	.1	.0	.2	.9	1.0	.3	.2	.3
105.	.0	.0	.0	.0	.0	.0	.0	.3	.5	1.0	.7	.4	.2	.0	.3	.9	.7	.2	.2	.2
110.	.0	.0	.0	.0	.0	.0	.0	.2	.5	1.0	.6	.4	.2	.0	.3	1.0	.6	.3	.3	.2
115.	.1	.0	.0	.0	.0	.0	.0	.2	.5	1.0	.6	.3	.2	.1	.3	.8	.5	.3	.3	.2
120.	.1	.1	.1	.0	.0	.0	.0	.3	.5	1.0	.4	.2	.2	.1	.3	.7	.4	.1	.4	.1
125.	.1	.1	.1	.0	.0	.0	.0	.4	.5	.9	.4	.3	.3	.1	.3	.6	.4	.1	.4	.1
130.	.1	.1	.1	.1	.0	.0	.0	.4	.5	1.0	.4	.3	.3	.0	.3	.6	.4	.2	.4	.1
135.	.2	.1	.1	.1	.0	.0	.0	.4	.5	1.0	.3	.2	.3	.1	.3	.5	.2	.2	.4	.1
140.	.2	.2	.1	.1	.0	.0	.0	.4	.5	1.0	.3	.1	.1	.1	.3	.4	.2	.2	.4	.1
145.	.2	.2	.1	.1	.0	.0	.0	.4	.5	1.0	.4	.2	.2	.2	.3	.4	.3	.2	.4	.1
150.	.2	.2	.2	.2	.0	.0	.0	.5	.5	1.0	.4	.2	.2	.2	.2	.3	.2	.2	.3	.1
155.	.2	.2	.2	.2	.0	.0	.0	.5	.5	1.0	.4	.2	.2	.2	.1	.3	.1	.4	.3	.1
160.	.1	.2	.2	.1	.0	.0	.0	.5	.5	1.1	.4	.2	.3	.3	.0	.1	.1	.4	.2	.1
165.	.1	.2	.2	.2	.0	.0	.0	.5	.5	1.0	.4	.2	.3	.3	.0	.1	.1	.4	.1	.1
170.	.1	.2	.1	.3	.0	.0	.0	.5	.5	1.1	.3	.2	.4	.2	.0	.0	.1	.4	.1	.1
175.	.2	.2	.2	.4	.0	.0	.0	.5	.6	1.1	.2	.2	.4	.2	.0	.0	.1	.3	.1	.0
180.	.2	.1	.2	.4	.0	.0	.0	.4	.6	1.0	.2	.4	.5	.2	.0	.0	.0	.3	.1	.0
185.	.2	.1	.2	.4	.1	.0	.0	.4	.6	1.0	.2	.4	.5	.2	.0	.0	.0	.3	.1	.0
190.	.2	.1	.2	.4	.1	.0	.0	.4	.7	.9	.3	.4	.5	.2	.0	.0	.0	.2	.1	.0
195.	.2	.1	.2	.5	.1	.0	.0	.4	.7	.8	.3	.5	.5	.1	.0	.0	.0	.1	.1	.0
200.	.2	.1	.2	.5	.1	.0	.0	.4	.8	.8	.3	.5	.5	.1	.0	.0	.0	.1	.1	.0
205.	.2	.1	.2	.5	.2	.1	.0	.5	.8	.6	.3	.4	.3	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.1	.2	.6	.3	.1	.0	.5	.8	.7	.3	.4	.3	.1	.0	.0	.0	.1	.1	.1
215.	.2	.1	.1	.5	.3	.1	.0	.5	.8	.6	.3	.4	.3	.1	.0	.0	.0	.1	.1	.1
220.	.2	.1	.1	.5	.2	.1	.0	.5	.7	.5	.4	.4	.3	.1	.0	.0	.0	.1	.0	.1
225.	.2	.1	.1	.5	.2	.2	.0	.4	.6	.3	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0
230.	.2	.2	.1	.5	.2	.2	.1	.3	.5	.4	.1	.4	.2	.2	.0	.0	.0	.0	.0	.0
235.	.2	.2	.1	.5	.2	.2	.1	.2	.3	.3	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0
240.	.2	.2	.1	.6	.3	.4	.2	.1	.3	.4	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0
245.	.2	.2	.1	.6	.2	.4	.3	.0	.2	.3	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0
250.	.2	.2	.1	.5	.2	.5	.3	.0	.2	.3	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0
255.	.2	.2	.3	.4	.3	.6	.4	.0	.1	.3	.3	.4	.1	.3	.0	.0	.0	.0	.0	.0
260.	.2	.2	.3	.4	.4	.5	.4	.0	.0	.3	.3	.4	.1	.3	.0	.0	.0	.0	.0	.0
265.	.2	.2	.4	.4	.4	.5	.4	.0	.0	.3	.4	.3	.1	.2	.0	.0	.0	.0	.0	.0
270.	.2	.2	.4	.4	.5	.5	.4	.0	.0	.3	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
275.	.3	.2	.6	.4	.7	.5	.4	.0	.0	.3	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
280.	.3	.2	.6	.2	.7	.5	.4	.0	.0	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0
285.	.2	.3	.5	.2	.6	.5	.3	.0	.0	.1	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0
290.	.2	.3	.5	.3	.6	.5	.2	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0
295.	.2	.3	.5	.5	.6	.4	.2	.0	.0	.1	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	.1	.2	.4	.5	.6	.4	.3	.0	.0	.1	.4	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	.1	.2	.2	.4	.6	.4	.3	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	.1	.2	.3	.2	.6	.4	.3	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	.1	.1	.3	.3	.6	.3	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
320.	.0	.0	.3	.4	.5	.4	.2	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0
325.	.0	.2	.4	.3	.5	.4	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	.1	.0	.0
330.	.1	.2	.4	.3	.5	.4	.3	.0	.0	.0	.1	.2	.2	.1	.2	.1	.2	.2	.0	.0
335.	.1	.2	.3	.3	.5	.3	.3	.0	.0	.0	.0	.1	.1	.1	.2	.1	.3	.2	.0	.0
340.	.1	.1	.3	.4	.4	.4	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.3	.4	.0	.0
345.	.0	.1	.3	.4	.4	.4	.2	.0	.0	.0	.0	.1	.1	.0	.3	.1	.4	.4	.0	.0
350.	.0	.1	.3	.5	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	.4	.2	.6	.5	.0	.0
355.	.0	.1	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.6	.1	.0

360.	*	.0	.1	.2	.4	.4	.4	.2	.0	.0	S12B130P	.0	.0	.0	.3	.3	.6	.6	.1	.0
MAX	*	.3	.3	.6	.6	.7	.6	.4	.5	.8	1.1	.9	.5	.5	.3	.4	1.0	1.0	.7	.4
DEGR.	*	275	285	275	210	275	255	255	150	200	160	70	195	180	160	350	110	85	65	65

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.9	.3	.2	.5	.2
5.	*	.0	.1	.2	.8	.3	.5	.5	.2
10.	*	.0	.1	.3	.7	.1	.6	.4	.2
15.	*	.0	.1	.3	.7	.4	.6	.4	.2
20.	*	.0	.1	.3	.6	.4	.6	.3	.2
25.	*	.0	.1	.4	.5	.4	.5	.3	.2
30.	*	.0	.1	.4	.6	.4	.6	.3	.2
35.	*	.0	.1	.4	.7	.5	.6	.2	.2
40.	*	.0	.1	.4	.6	.5	.5	.2	.2
45.	*	.0	.0	.5	.4	.4	.3	.2	.2
50.	*	.0	.0	.4	.3	.4	.3	.3	.2
55.	*	.1	.0	.2	.2	.5	.3	.3	.2
60.	*	.1	.0	.0	.1	.4	.3	.3	.2
65.	*	.1	.0	.0	.1	.3	.2	.3	.2
70.	*	.1	.0	.0	.1	.4	.2	.3	.2
75.	*	.1	.0	.0	.0	.4	.2	.3	.2
80.	*	.1	.0	.0	.0	.4	.2	.4	.2
85.	*	.1	.0	.0	.0	.3	.2	.4	.2
90.	*	.1	.0	.0	.0	.3	.3	.4	.2
95.	*	.1	.0	.0	.0	.3	.3	.4	.2
100.	*	.1	.0	.0	.0	.2	.3	.3	.2
105.	*	.1	.0	.0	.0	.3	.3	.3	.2
110.	*	.1	.0	.0	.0	.3	.4	.3	.2
115.	*	.1	.0	.0	.0	.3	.4	.3	.1
120.	*	.1	.0	.0	.0	.3	.3	.1	.1
125.	*	.1	.0	.0	.0	.1	.2	.1	.1
130.	*	.1	.0	.0	.0	.1	.2	.1	.1
135.	*	.1	.0	.0	.0	.0	.1	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.0
150.	*	.1	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.0	.1	.0	.0	.0
240.	*	.0	.1	.1	.1	.1	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.3	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.4	.0	.0	.0
265.	*	.0	.1	.1	.1	.5	.0	.0	.0
270.	*	.0	.1	.1	.1	.5	.1	.0	.0
275.	*	.0	.1	.1	.1	.6	.1	.0	.0
280.	*	.0	.1	.0	.1	.6	.1	.0	.0
285.	*	.0	.1	.0	.1	.6	.1	.1	.0
290.	*	.0	.1	.0	.2	.5	.1	.1	.0
295.	*	.0	.1	.0	.2	.5	.1	.1	.1
300.	*	.0	.1	.1	.2	.5	.1	.1	.1
305.	*	.0	.1	.1	.2	.5	.1	.1	.1
310.	*	.0	.1	.1	.4	.4	.2	.2	.1
315.	*	.0	.1	.1	.4	.3	.2	.2	.2
320.	*	.0	.1	.1	.5	.3	.2	.1	.2
325.	*	.0	.1	.1	.5	.6	.2	.1	.2
330.	*	.0	.1	.1	.5	.6	.3	.1	.3
335.	*	.0	.1	.1	.6	.5	.3	.1	.2
340.	*	.0	.1	.1	.6	.6	.2	.2	.2
345.	*	.0	.1	.1	.7	.6	.2	.2	.3
350.	*	.0	.1	.1	.8	.4	.1	.2	.3
355.	*	.0	.1	.1	.9	.3	.1	.5	.3
360.	*	.0	.1	.1	.9	.3	.2	.5	.2

S12B130P

```

-----*-----
MAX   *   .1   .1   .5   .9   .6   .6   .5   .3
DEGR. *   55   0   45   0   275  10   0   330

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 160 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 110 DEGREES FROM REC16.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 85 DEGREES FROM REC17.

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:42:27.97

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 275	REC2 285	REC3 275	REC4 210	REC5 275	REC6 255	REC7 255	REC8 150	REC9 200	REC10 160	REC11 70	REC12 195	REC13 180	REC14 160	REC15 350	REC16 110	REC17 85	REC18 65	REC19 65	REC20 65
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.1	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.3	.3	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.3	.2	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.2	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.1	.1	.2	.1	.1
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
37	.0	.0	.0	.0	.2	.1	.0	.0	.3	.5	.4	.0	.0	.0	.0	.1	.1	.1	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1

1

JOB: S12 B130PM MD 188 & MIDDLEBROOK RD
 DATE: 12/29/2006 TIME: 10:42:27.97

RUN: S12 B130PM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 45	REC24 0	REC25 275	REC26 10	REC27 0	REC28 330
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.1
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.1
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.0	.1	.0
21	.0	.0	.0	.0	.0	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.0	.0	.2	.5	.4	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.1	.1	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.0	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.1	.0	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12B130P

				S12B230A			
S12	B230AM	MD 188 & MIDDLEBROOK RD	60.0175.0.0000.000280.30480000	11	1		
REC 1	400'	SE CORNER	236972. 550543. 5.				
REC 2	164'	SE CORNER	236786. 550681. 5.				
REC 3	82'	SE CORNER	236718. 550732. 5.				
REC 4		SE CORNER	236670. 550810. 5.				
REC 5	82'	ES CORNER	236732. 550904. 5.				
REC 6	164'	ES CORNER	236802. 550952. 5.				
REC 7	400'	ES CORNER	237012. 551066. 5.				
REC 8	400'	EN CORNER	236879. 551150. 5.				
REC 9	164'	EN CORNER	236696. 551015. 5.				
REC 10	82'	EN CORNER	236625. 550967. 5.				
REC 11		NE CORNER	236556. 550926. 5.				
REC 12	82'	NE CORNER	236497. 550986. 5.				
REC 13	164'	NE CORNE	236453. 551054. 5.				
REC 14	400'	NE CORNE	236331. 551248. 5.				
REC 15	400'	NW CORNE	236236. 551184. 5.				
REC 16	164'	NW CORNE	236365. 550986. 5.				
REC 17	82'	NW CORNER	236408. 550919. 5.				
REC 18		NW CORNER	236436. 550849. 5.				
REC 19	82'	WN CORNE	236386. 550805. 5.				
REC 20	164'	WN CORN	236322. 550754. 5.				
REC 21	400'	WN CORN	236144. 550590. 5.				
REC 22	400'	WS CORN	236223. 550477. 5.				
REC 23	164'	WS CORN	236398. 550636. 5.				
REC 24	82'	WS CORNE	236457. 550687. 5.				
REC 25		SW CORNER	236533. 550735. 5.				
REC 26	82'	SW CORNER	236587. 550682. 5.				
REC 27	164'	SW CORNE	236648. 550632. 5.				
REC 28	400'	SW CORNE	236838. 550500. 5.				
S12	B230AM	MD 118 & MIDDLEBROOK	43 1 1				
1		NB MID ALLAG237337.550222.237209.550341.	875 2.9 0. 56. 40.				
2		NB MID ALLAG237209.550341.236696.550700.	875 2.9 0. 56. 40.				
3		NB MID THRAG236696.550700.236566.550847.	350 2.9 0. 44. 40.				
3		NB MID THRAG236603.550805.236689.550707.	0. 24. 2				
120	92	2.0 350 29.1 1770 2 3					
5		NB MID LT AG236684.550687.236552.550836.	200 2.9 0. 32. 40.				
6		NB MID LT AG236587.550797.236678.550694.	0. 12. 1				
120	99	2.0 200 29.1 1770 2 3					
0		NB Mid R AG236669.550884.236649.550822.	325 2.9 0. 32. 40.				
0		NB Mid R AG236649.550822.236670.550750.	325 2.9 0. 32. 40.				
0		NB Mid R AG236651.550815.236667.550761.	0. 12. 1				
120	92	2.0 325 29.1 1583 2 3					
9		NB MID DP AG236566.550847.236306.551241.	650 2.9 0. 44. 40.				
10		NB MID DP AG236306.551241.236018.551679.	650 2.9 0. 44. 40.				
11		SB MID ALLAG235966.551646.236215.551261.	975 2.9 0. 44. 40.				
12		SB MID ALLAG236215.551261.236279.551162.	975 2.9 0. 44. 40.				
13		SB MID THRAG236279.551162.236507.550815.	600 2.9 0. 44. 40.				
14		SB MID THRAG236465.550879.236345.551062.	0. 24. 2				
120	92	2.0 600 29.1 1737 2 3					
15		SB MID LT AG236317.551138.236525.550822.	375 2.9 0. 44. 40.				
16		SB MID LT AG236483.550885.236350.551089.	0. 24. 2				
120	99	2.0 375 29.1 1717 2 3					
36		SB 118 dp AG237203.550284.237038.550398.	1050 2.9 0. 56. 40.				
36		SB 118 dp AG237038.550398.236686.550638.	1050 2.9 0. 56. 40.				
36		SB 118 dp AG236686.550638.236601.550708.	1050 2.9 0. 56. 40.				
36		SB 118 dp AG236601.550708.236508.550812.	1050 2.9 0. 56. 40.				
36		SB 118 dp AG237309.550186.237203.550284.	1050 2.9 0. 56. 40.				
30		EB 118 ALLAG235825.550135.236257.550551.	825 2.9 0. 56. 40.				
31		EB 118 ALLAG236257.550551.236356.550646.	825 2.9 0. 56. 40.				
32		EB 118 THRAG236356.550646.236556.550814.	500 2.9 0. 56. 40.				
33		EB 118 THRAG236501.550767.236378.550664.	0. 36. 3				
120	56	3.0 500 29.1 1695 2 3					
35		EB 118 LT AG236343.550661.236542.550825.	50 2.9 0. 32. 40.				
35		EB 118 LT AG236490.550783.236370.550684.	0. 12. 1				
120	103	3.0 50 29.1 1770 2 3					
36		EB 118 RT AG236369.550631.236545.550780.	275 2.9 0. 32. 40.				
37		EB 118 RT AG236512.550752.236394.550653.	0. 12. 1				
120	1	3.0 275 29.1 1583 2 3					
36		EB 118 dp AG237409.551330.236992.551100.	1200 2.9 0. 56. 40.				
36		EB 118 dp AG236992.551100.236559.550816.	1200 2.9 0. 56. 40.				
2		WB 118 L AG236544.550848.236745.550992.	250 2.9 0. 44. 40.				
2		WB 118 L AG236607.550893.236733.550984.	0. 24. 2				

S12B230A

	120	103	3.0	250	29.1	1717	2	3	
0	1								
	WB 118 L	AG236745.550992.236874.551071.			250	2.9	0.	44.	40.
0	1								
	WB 118 T	AG236529.550869.236744.551018.			1850	2.9	0.	56.	40.
0	2								
	WB 118 T	AG236594.550913.236725.551004.			0.	36.	3		
0	120	56	3.0	1850	29.1	1707	2	3	
0	1								
	WB 118 T	AG236744.551018.236869.551096.			1850	2.9	0.	56.	40.
0	1								
	WB 118 All	AG236878.551092.237118.551237.			2100	2.9	0.	56.	40.
0	1								
	WB 118 All	AG237118.551237.237378.551379.			2100	2.9	0.	56.	40.
0	1								
	WB 118 dp	AG235774.550188.236140.550540.			1875	2.9	0.	56.	40.
0	1								
	WB 118 dp	AG236144.550540.236314.550705.			1875	2.9	0.	56.	40.
0	1								
	WB 118 dp	AG236314.550705.236529.550868.			1875	2.9	0.	56.	40.
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD
DATE: 12/26/2006 TIME: 14:35:45.02

RUN: S12 B230AM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	875.	2.9	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	875.	2.9	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	350.	2.9	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236661.1	550738.8	*	88.	139. AG	120.	100.0	.0	24.0	.49 4.5
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	200.	2.9	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236660.7	550713.5	*	111.	139. AG	64.	100.0	.0	12.0	.80 5.7
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	325.	2.9	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	325.	2.9	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236740.5	550512.6	*	315.	164. AG	60.	100.0	.0	12.0	1.03 16.0
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	650.	2.9	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	650.	2.9	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	975.	2.9	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	975.	2.9	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	600.	2.9	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236376.6	551013.7	*	161.	327. AG	120.	100.0	.0	24.0	.86 8.2
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	375.	2.9	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236427.4	550970.3	*	102.	327. AG	129.	100.0	.0	24.0	.77 5.2
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1050.	2.9	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1050.	2.9	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1050.	2.9	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1050.	2.9	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1050.	2.9	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	825.	2.9	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	825.	2.9	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	500.	2.9	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236462.0	550734.3	*	51.	230. AG	109.	100.0	.0	36.0	.20 2.6
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	50.	2.9	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236468.3	550765.1	*	28.	231. AG	67.	100.0	.0	12.0	.28 1.4
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	275.	2.9	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236510.9	550751.1	*	2.	230. AG	1.	100.0	.0	12.0	.18 .1
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1200.	2.9	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1200.	2.9	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	250.	2.9	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	236664.5	550934.5	*	71.	54. AG	134.	100.0	.0	24.0	.73 3.6
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	250.	2.9	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	1850.	2.9	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236748.9	551020.6	*	189.	55. AG	109.	100.0	.0	36.0	.73 9.6
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	1850.	2.9	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	2100.	2.9	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	2100.	2.9	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	1875.	2.9	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	1875.	2.9	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	1875.	2.9	.0	56.0	

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD
DATE: 12/26/2006 TIME: 14:35:45.02

RUN: S12 B230AM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	120	92	2.0	350	1770	29.10	2	3
6. 6	NB MID LT*	120	99	2.0	200	1770	29.10	2	3
9. 0	NB Mid R*	120	92	2.0	325	1583	29.10	2	3
15. 14	SB MID THR*	120	92	2.0	600	1737	29.10	2	3
17. 16	SB MID LT*	120	99	2.0	375	1717	29.10	2	3
26. 33	EB 118 THR*	120	56	3.0	500	1695	29.10	2	3
28. 35	EB 118 LT*	120	103	3.0	50	1770	29.10	2	3
30. 37	EB 118 RT*	120	1	3.0	275	1583	29.10	2	3
34. 0	WB 118 L*	120	103	3.0	250	1717	29.10	2	3
37. 0	WB 118 T*	120	56	3.0	1850	1707	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B230A.OUT
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD

RUN: S12 B230AM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.6	.1	.0
5.	*	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.1	.0
10.	*	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.6	.2	.0
15.	*	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.5	.2	.1
20.	*	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.4	.2	.1
25.	*	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.4	.2	.1
30.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.6	.4	.2	.2
35.	*	.0	.0	.0	.1	.3	.3	.3	.0	.0	.1	.0	.0	.0	.0	.1	.3	.6	.4	.2	.2
40.	*	.0	.0	.0	.1	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	.1	.4	.6	.3	.2	.2
45.	*	.0	.0	.0	.1	.3	.3	.2	.0	.2	.2	.2	.0	.0	.0	.1	.4	.6	.2	.2	.3
50.	*	.0	.0	.0	.1	.2	.3	.2	.0	.2	.2	.2	.0	.0	.0	.1	.4	.6	.4	.4	.1
55.	*	.0	.0	.0	.0	.2	.2	.1	.0	.4	.5	.3	.0	.0	.0	.1	.4	.6	.4	.3	.1
60.	*	.0	.0	.0	.0	.2	.2	.1	.1	.4	.5	.4	.0	.0	.0	.1	.4	.6	.4	.3	.2
65.	*	.0	.0	.0	.0	.1	.1	.1	.2	.4	.6	.5	.0	.0	.0	.1	.4	.7	.3	.4	.2
70.	*	.0	.0	.0	.0	.1	.1	.0	.2	.5	.7	.5	.0	.0	.0	.1	.4	.8	.5	.5	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.4	.7	.7	.1	.0	.0	.1	.4	.9	.5	.3	.2
80.	*	.0	.0	.0	.0	.1	.1	.0	.3	.5	.7	.7	.1	.0	.0	.1	.4	.8	.3	.2	.2
85.	*	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.7	.2	.0	.0	.1	.5	.8	.3	.2	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.8	.2	.0	.0	.1	.6	.8	.2	.2	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.7	.2	.0	.0	.1	.7	.8	.2	.2	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.7	.7	.2	.1	.0	.1	.7	.7	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.6	.7	.7	.3	.1	.0	.1	.7	.7	.3	.3	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.6	.7	.6	.3	.1	.0	.1	.7	.6	.2	.3	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.6	.6	.5	.3	.1	.0	.1	.7	.6	.2	.3	.2
120.	*	.1	.1	.0	.0	.0	.0	.0	.2	.6	.7	.5	.3	.2	.0	.1	.7	.6	.1	.3	.2
125.	*	.1	.1	.1	.0	.0	.0	.0	.1	.6	.7	.5	.3	.2	.0	.1	.7	.5	.2	.2	.2
130.	*	.1	.1	.1	.0	.0	.0	.0	.1	.6	.7	.4	.3	.1	.0	.2	.7	.5	.2	.3	.2
135.	*	.1	.1	.1	.0	.0	.0	.0	.1	.6	.8	.4	.1	.0	.0	.3	.5	.3	.1	.3	.2
140.	*	.1	.1	.1	.1	.0	.0	.0	.1	.6	.8	.4	.2	.1	.1	.2	.4	.3	.2	.2	.2
145.	*	.1	.1	.1	.1	.0	.0	.0	.2	.6	.8	.5	.2	.1	.1	.2	.4	.2	.2	.2	.2
150.	*	.1	.2	.2	.0	.0	.0	.0	.2	.6	.8	.5	.2	.1	.1	.1	.2	.1	.2	.2	.2
155.	*	.1	.2	.2	.1	.0	.0	.0	.2	.6	.8	.5	.2	.1	.1	.0	.2	.1	.2	.2	.2
160.	*	.1	.2	.2	.1	.0	.0	.0	.2	.6	.8	.3	.1	.2	.2	.0	.1	.1	.2	.1	.2
165.	*	.1	.2	.2	.2	.0	.0	.0	.2	.6	.9	.3	.1	.2	.2	.0	.1	.1	.2	.1	.1
170.	*	.1	.2	.2	.2	.0	.0	.0	.2	.6	1.0	.2	.1	.3	.2	.0	.1	.1	.2	.2	.1
175.	*	.2	.2	.2	.3	.0	.0	.0	.2	.6	1.0	.2	.2	.3	.1	.0	.0	.1	.2	.2	.1
180.	*	.2	.1	.2	.3	.0	.0	.0	.2	.7	.9	.2	.3	.4	.1	.0	.0	.1	.2	.2	.2
185.	*	.2	.1	.2	.3	.1	.0	.0	.3	.7	.9	.3	.3	.4	.1	.0	.0	.1	.2	.2	.2
190.	*	.2	.1	.2	.3	.1	.0	.0	.3	.8	.8	.3	.4	.3	.1	.0	.0	.1	.2	.2	.2
195.	*	.2	.1	.2	.5	.1	.0	.0	.2	.8	.6	.3	.4	.4	.1	.0	.0	.1	.2	.2	.2
200.	*	.2	.1	.2	.5	.1	.0	.0	.2	.8	.6	.3	.5	.4	.1	.0	.0	.1	.2	.2	.2
205.	*	.2	.2	.1	.5	.2	.0	.0	.2	.8	.6	.3	.5	.4	.1	.0	.0	.0	.2	.2	.2

1

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD

RUN: S12 B230AM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.2	.1	.5	.1	.0	.0	.2	.8	.6	.3	.5	.3	.1	.0	.0	.0	.2	.3	.3
215.	*	.2	.2	.1	.5	.2	.1	.0	.3	.8	.5	.3	.4	.2	.1	.0	.0	.0	.2	.3	.3
220.	*	.2	.2	.1	.5	.2	.1	.0	.2	.8	.5	.2	.4	.2	.1	.0	.0	.0	.2	.2	.3
225.	*	.2	.2	.1	.5	.2	.1	.0	.3	.7	.5	.3	.4	.2	.1	.0	.0	.0	.2	.2	.2
230.	*	.2	.2	.1	.5	.2	.1	.1	.3	.7	.4	.3	.5	.2	.1	.0	.0	.0	.1	.2	.1
235.	*	.2	.2	.1	.5	.1	.2	.1	.3	.4	.4	.4	.5	.2	.1	.0	.0	.0	.1	.1	.1
240.	*	.2	.2	.1	.5	.2	.2	.1	.2	.3	.3	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0
245.	*	.2	.2	.1	.5	.2	.3	.1	.0	.2	.3	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0
250.	*	.2	.2	.1	.5	.3	.5	.2	.0	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
255.	*	.2	.2	.1	.3	.3	.5	.2	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
260.	*	.2	.2	.2	.3	.4	.5	.2	.0	.2	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.3	.3	.5	.5	.2	.0	.0	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.2	.2	.3	.3	.5	.4	.2	.0	.0	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.3	.3	.5	.4	.1	.0	.0	.1	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0
280.	*	.2	.2	.4	.3	.5	.4	.2	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.1	.2	.4	.2	.4	.4	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.1	.3	.4	.3	.4	.4	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.1	.2	.4	.4	.4	.4	.2	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.3	.3	.5	.3	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.4	.5	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.2	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.2	.2	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.3	.4	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0
325.	*	.0	.0	.1	.4	.4	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2	.0	.2	.1	.0	.0
330.	*	.0	.1	.2	.4	.4	.2	.2	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.1	.0	.0
335.	*	.0	.1	.2	.4	.4	.2	.2	.0	.0	.0	.0	.1	.1	.0	.2	.1	.3	.1	.0	.0
340.	*	.0	.1	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.0	.0
345.	*	.0	.1	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.4	.0	.0
350.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.0	.0
355.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0

S12B230A.OUT

360.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.2	.5	.6	.1	.0	
MAX	*	.2	.3	.4	.5	.5	.5	.3	.3	.8	1.0	.8	.5	.4	.2	.3	.7	.9	.6	.5	
DEGR.	*	175	290	280	195	265	250	35	80	190	170	90	200	180	160	135	95	75	0	70	45

1

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD

RUN: S12 B230AM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.2	.4	.1	.2	.5	.1
5.	*	.0	.2	.2	.4	.2	.4	.4	.1
10.	*	.0	.2	.3	.3	.2	.5	.3	.1
15.	*	.0	.2	.2	.4	.3	.4	.2	.1
20.	*	.0	.2	.2	.4	.3	.4	.2	.1
25.	*	.0	.1	.2	.3	.5	.5	.2	.1
30.	*	.0	.1	.3	.5	.5	.3	.2	.1
35.	*	.0	.1	.2	.3	.5	.3	.2	.1
40.	*	.1	.1	.2	.2	.4	.3	.2	.1
45.	*	.1	.0	.1	.2	.3	.4	.2	.1
50.	*	.2	.0	.0	.2	.3	.4	.2	.1
55.	*	.3	.0	.0	.1	.4	.4	.2	.1
60.	*	.3	.0	.0	.1	.3	.2	.2	.1
65.	*	.2	.0	.0	.1	.3	.2	.2	.1
70.	*	.2	.0	.0	.1	.3	.2	.2	.1
75.	*	.2	.0	.0	.0	.3	.2	.2	.1
80.	*	.2	.0	.0	.0	.3	.2	.3	.1
85.	*	.2	.0	.0	.0	.3	.2	.3	.1
90.	*	.2	.0	.0	.0	.3	.2	.4	.1
95.	*	.2	.0	.0	.0	.1	.2	.4	.2
100.	*	.2	.0	.0	.0	.1	.2	.3	.1
105.	*	.2	.0	.0	.0	.1	.3	.3	.1
110.	*	.2	.0	.0	.0	.1	.4	.2	.1
115.	*	.2	.0	.0	.0	.1	.3	.2	.1
120.	*	.2	.0	.0	.0	.2	.3	.2	.1
125.	*	.2	.0	.0	.0	.1	.3	.2	.1
130.	*	.2	.0	.0	.0	.1	.2	.2	.1
135.	*	.2	.0	.0	.0	.0	.1	.2	.1
140.	*	.2	.0	.0	.0	.0	.0	.1	.0
145.	*	.2	.0	.0	.0	.0	.0	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD

RUN: S12 B230AM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.2	.0	.0	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.1	.0	.0	.0	.0	.0	.0
225.	*	.2	.1	.0	.0	.0	.0	.0	.0
230.	*	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.1	.2	.1	.0	.0	.0	.0	.0
240.	*	.0	.2	.2	.0	.0	.0	.0	.0
245.	*	.0	.2	.2	.1	.0	.0	.0	.0
250.	*	.0	.2	.2	.1	.0	.0	.0	.0
255.	*	.0	.2	.2	.1	.1	.0	.0	.0
260.	*	.0	.2	.2	.1	.1	.0	.0	.0
265.	*	.0	.2	.2	.1	.2	.0	.0	.0
270.	*	.0	.2	.2	.1	.3	.0	.0	.0
275.	*	.0	.2	.1	.0	.3	.0	.0	.0
280.	*	.0	.2	.1	.1	.3	.0	.0	.0
285.	*	.0	.2	.1	.1	.3	.0	.0	.0
290.	*	.0	.2	.1	.1	.3	.2	.0	.0
295.	*	.0	.2	.1	.1	.3	.2	.0	.2
300.	*	.0	.2	.1	.1	.3	.2	.0	.2
305.	*	.0	.1	.0	.1	.3	.2	.0	.2
310.	*	.0	.1	.0	.1	.2	.3	.1	.2
315.	*	.0	.2	.1	.1	.2	.3	.1	.2
320.	*	.0	.2	.1	.1	.3	.3	.1	.2
325.	*	.0	.2	.1	.1	.4	.2	.1	.2
330.	*	.0	.2	.1	.1	.4	.2	.1	.1
335.	*	.0	.2	.1	.1	.4	.2	.1	.1
340.	*	.0	.2	.1	.1	.4	.1	.3	.1
345.	*	.0	.2	.1	.2	.4	.1	.3	.1
350.	*	.0	.2	.1	.3	.3	.1	.3	.1
355.	*	.0	.2	.1	.4	.1	.1	.3	.1
360.	*	.0	.2	.2	.4	.1	.2	.5	.1


```

-----*-----
MAX  *   .3   .2   .3   .5   .5   .5   .5   .2
DEGR *  55   0   10  30  25  10   0   95

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 170 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 75 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 190 DEGREES FROM REC9 .

1

PAGE 7

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD
 DATE: 12/26/2006 TIME: 14:35:45.02

RUN: S12 B230AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 175	REC2 290	REC3 280	REC4 195	REC5 265	REC6 250	REC7 35	REC8 80	REC9 190	REC10 170	REC11 90	REC12 200	REC13 180	REC14 160	REC15 135	REC16 95	REC17 75	REC18 0	REC19 70	REC20 45
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.1	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.4	.3	.3	.0	.1
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.2	.0	.1
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0
37	.0	.0	.0	.0	.1	.1	.0	.0	.4	.3	.3	.0	.0	.0	.0	.1	.1	.0	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.1

1

PAGE 8

JOB: S12 B230AM MD 188 & MIDDLEBROOK RD
 DATE: 12/26/2006 TIME: 14:35:45.02

RUN: S12 B230AM MD 118 & MIDDLEBROOK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 10	REC24 30	REC25 25	REC26 10	REC27 0	REC28 95
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.1	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.1	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.1	.1	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.0	.0	.0	.0
26	.0	.0	.0	.2	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.1	.1	.1	.0
37	*	.0	.0	.0	.1	.1	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.2	.1	.0	.0	.0	.0	.0
43	*	.1	.0	.1	.0	.0	.0	.0

S12B230A.OUT

S12B230P

S12 B230PM MD 188 & MIDDLEBROOK RD 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	236972.	550543.	5.
REC 2	164'	SE CORNER	236786.	550681.	5.
REC 3	82'	SE CORNER	236718.	550732.	5.
REC 4		SE CORNER	236670.	550810.	5.
REC 5	82'	ES CORNER	236732.	550904.	5.
REC 6	164'	ES CORNER	236802.	550952.	5.
REC 7	400'	ES CORNER	237012.	551066.	5.
REC 8	400'	EN CORNER	236879.	551150.	5.
REC 9	164'	EN CORNER	236696.	551015.	5.
REC 10	82'	EN CORNER	236625.	550967.	5.
REC 11		NE CORNER	236556.	550926.	5.
REC 12	82'	NE CORNER	236497.	550986.	5.
REC 13	164'	NE CORNE	236453.	551054.	5.
REC 14	400'	NE CORNE	236331.	551248.	5.
REC 15	400'	NW CORNE	236236.	551184.	5.
REC 16	164'	NW CORNE	236365.	550986.	5.
REC 17	82'	NW CORNER	236408.	550919.	5.
REC 18		NW CORNER	236436.	550849.	5.
REC 19	82'	WN CORNE	236386.	550805.	5.
REC 20	164'	WN CORN	236322.	550754.	5.
REC 21	400'	WN CORN	236144.	550590.	5.
REC 22	400'	WS CORN	236223.	550477.	5.
REC 23	164'	WS CORN	236398.	550636.	5.
REC 24	82'	WS CORNE	236457.	550687.	5.
REC 25		SW CORNER	236533.	550735.	5.
REC 26	82'	SW CORNER	236587.	550682.	5.
REC 27	164'	SW CORNE	236648.	550632.	5.
REC 28	400'	SW CORNE	236838.	550500.	5.

S12 B230PM MD 118 & MIDDLEBROOK 43 1 1

1		NB MID ALLAG237337.550222.237209.550341.	1250	2.9	0.	56.	40.
2		NB MID ALLAG237209.550341.236696.550700.	1250	2.9	0.	56.	40.
3		NB MID THRAG236696.550700.236566.550847.	675	2.9	0.	44.	40.
3	80	NB MID THRAG236603.550805.236689.550707.	0.	24.	2		
	51	2.0 675 29.1 1770 2 3					
5		NB MID LT AG236684.550687.236552.550836.	225	2.9	0.	32.	40.
6	80	NB MID LT AG236587.550797.236678.550694.	0.	12.	1		
	61	2.0 225 29.1 1770 2 3					
0		NB Mid R AG236669.550884.236649.550822.	350	2.9	0.	32.	40.
0		NB Mid R AG236649.550822.236670.550750.	350	2.9	0.	32.	40.
0	80	NB Mid R AG236651.550815.236667.550761.	0.	12.	1		
	51	2.0 350 29.1 1583 2 3					
9		NB MID DP AG236566.550847.236306.551241.	1425	2.9	0.	44.	40.
10		NB MID DP AG236306.551241.236018.551679.	1425	2.9	0.	44.	40.
11		SB MID ALLAG235966.551646.236215.551261.	1450	2.9	0.	44.	40.
12		SB MID ALLAG236215.551261.236279.551162.	1450	2.9	0.	44.	40.
13		SB MID THRAG236279.551162.236507.550815.	750	2.9	0.	44.	40.
14	80	SB MID THRAG236465.550879.236345.551062.	0.	24.	2		
	51	2.0 750 29.1 1720 2 3					
15		SB MID LT AG236317.551138.236525.550822.	525	2.9	0.	44.	40.
16	80	SB MID LT AG236483.550885.236350.551089.	0.	24.	2		
	61	2.0 525 29.1 1717 2 3					
36		SB 118 dp AG237203.550284.237038.550398.	1050	2.9	0.	56.	40.
36		SB 118 dp AG237038.550398.236686.550638.	1050	2.9	0.	56.	40.
36		SB 118 dp AG236686.550638.236601.550708.	1050	2.9	0.	56.	40.
36		SB 118 dp AG236601.550708.236508.550812.	1050	2.9	0.	56.	40.
36		SB 118 dp AG237309.550186.237203.550284.	1050	2.9	0.	56.	40.
30		EB 118 ALLAG235825.550135.236257.550551.	875	2.9	0.	56.	40.
31		EB 118 ALLAG236257.550551.236356.550646.	875	2.9	0.	56.	40.
32		EB 118 THRAG236356.550646.236556.550814.	750	2.9	0.	56.	40.
33	80	EB 118 THRAG236501.550767.236378.550664.	0.	36.	3		
	52	3.0 750 29.1 1695 2 3					
35		EB 118 LT AG236343.550661.236542.550825.	75	2.9	0.	32.	40.
35	80	EB 118 LT AG236490.550783.236370.550684.	0.	12.	1		
	66	3.0 75 29.1 1770 2 3					
36		EB 118 RT AG236369.550631.236545.550780.	50	2.9	0.	32.	40.
37	80	EB 118 RT AG236512.550752.236394.550653.	0.	12.	1		
	1	3.0 50 29.1 1583 2 3					
36		EB 118 dp AG237409.551330.236992.551100.	1625	2.9	0.	56.	40.
36		EB 118 dp AG236992.551100.236559.550816.	1625	2.9	0.	56.	40.
2		WB 118 L AG236544.550848.236745.550992.	250	2.9	0.	44.	40.
		WB 118 L AG236607.550893.236733.550984.	0.	24.	2		

[illegible]

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD
DATE: 12/26/2006 TIME: 14:36:04.79

RUN: S12 B230PM MD 118 & MIDDLEBROOK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MID ALL*	237337.0	550222.0	237209.0	550341.0	*	175.	313. AG	1250.	2.9	.0	56.0	
2. 2	NB MID ALL*	237209.0	550341.0	236696.0	550700.0	*	626.	305. AG	1250.	2.9	.0	56.0	
3. 3	NB MID THR*	236696.0	550700.0	236566.0	550847.0	*	196.	319. AG	675.	2.9	.0	44.0	
4. 3	NB MID THR*	236603.0	550805.0	236665.0	550734.3	*	94.	139. AG	100.	100.0	.0	24.0	.61 4.8
5. 5	NB MID LT*	236684.0	550687.0	236552.0	550836.0	*	199.	318. AG	225.	2.9	.0	32.0	
6. 6	NB MID LT*	236587.0	550797.0	236636.7	550740.8	*	75.	139. AG	60.	100.0	.0	12.0	.68 3.8
7. 0	NB Mid R*	236669.0	550884.0	236649.0	550822.0	*	65.	198. AG	350.	2.9	.0	32.0	
8. 0	NB Mid R*	236649.0	550822.0	236670.0	550750.0	*	75.	164. AG	350.	2.9	.0	32.0	
9. 0	NB Mid R*	236651.0	550815.0	236678.7	550721.4	*	98.	164. AG	50.	100.0	.0	12.0	.71 5.0
10. 9	NB MID DP*	236566.0	550847.0	236306.0	551241.0	*	472.	327. AG	1425.	2.9	.0	44.0	
11. 10	NB MID DP*	236306.0	551241.0	236018.0	551679.0	*	524.	327. AG	1425.	2.9	.0	44.0	
12. 11	SB MID ALL*	235966.0	551646.0	236215.0	551261.0	*	458.	147. AG	1450.	2.9	.0	44.0	
13. 12	SB MID ALL*	236215.0	551261.0	236279.0	551162.0	*	118.	147. AG	1450.	2.9	.0	44.0	
14. 13	SB MID THR*	236279.0	551162.0	236507.0	550815.0	*	415.	147. AG	750.	2.9	.0	44.0	
15. 14	SB MID THR*	236465.0	550879.0	236407.7	550966.5	*	105.	327. AG	100.	100.0	.0	24.0	.70 5.3
16. 15	SB MID LT*	236317.0	551138.0	236525.0	550822.0	*	378.	147. AG	525.	2.9	.0	44.0	
17. 16	SB MID LT*	236483.0	550885.0	236431.3	550964.3	*	95.	327. AG	119.	100.0	.0	24.0	.82 4.8
18. 36	SB 118 dp*	237203.0	550284.0	237038.0	550398.0	*	201.	305. AG	1050.	2.9	.0	56.0	
19. 36	SB 118 dp*	237038.0	550398.0	236686.0	550638.0	*	426.	304. AG	1050.	2.9	.0	56.0	
20. 36	SB 118 dp*	236686.0	550638.0	236601.0	550708.0	*	110.	309. AG	1050.	2.9	.0	56.0	
21. 36	SB 118 dp*	236601.0	550708.0	236508.0	550812.0	*	140.	318. AG	1050.	2.9	.0	56.0	
22. 36	SB 118 dp*	237309.0	550186.0	237203.0	550284.0	*	144.	313. AG	1050.	2.9	.0	56.0	
23. 30	EB 118 ALL*	235825.0	550135.0	236257.0	550551.0	*	600.	46. AG	875.	2.9	.0	56.0	
24. 31	EB 118 ALL*	236257.0	550551.0	236356.0	550646.0	*	137.	46. AG	875.	2.9	.0	56.0	
25. 32	EB 118 THR*	236356.0	550646.0	236556.0	550814.0	*	261.	50. AG	750.	2.9	.0	56.0	
26. 33	EB 118 THR*	236501.0	550767.0	236446.5	550721.4	*	71.	230. AG	152.	100.0	.0	36.0	.51 3.6
27. 35	EB 118 LT*	236343.0	550661.0	236542.0	550825.0	*	258.	51. AG	75.	2.9	.0	32.0	
28. 35	EB 118 LT*	236490.0	550783.0	236469.1	550765.8	*	27.	231. AG	64.	100.0	.0	12.0	.38 1.4
29. 36	EB 118 RT*	236369.0	550631.0	236545.0	550780.0	*	231.	50. AG	50.	2.9	.0	32.0	
30. 37	EB 118 RT*	236512.0	550752.0	236511.8	550751.9	*	0.	229. AG	1.	100.0	.0	12.0	.03 .0
31. 36	EB 118 dp*	237409.0	551330.0	236992.0	551100.0	*	476.	241. AG	1625.	2.9	.0	56.0	
32. 36	EB 118 dp*	236992.0	551100.0	236559.0	550816.0	*	518.	237. AG	1625.	2.9	.0	56.0	
33. 0	WB 118 L*	236544.0	550848.0	236745.0	550992.0	*	247.	54. AG	250.	2.9	.0	44.0	
34. 0	WB 118 L*	236607.0	550893.0	236643.6	550919.4	*	45.	54. AG	129.	100.0	.0	24.0	.65 2.3
35. 0	WB 118 L*	236745.0	550992.0	236874.0	551071.0	*	151.	59. AG	250.	2.9	.0	44.0	
36. 0	WB 118 T*	236529.0	550869.0	236744.0	551018.0	*	262.	55. AG	925.	2.9	.0	56.0	
37. 0	WB 118 T*	236594.0	550913.0	236665.9	550963.0	*	88.	55. AG	152.	100.0	.0	36.0	.63 4.4
38. 0	WB 118 T*	236744.0	551018.0	236869.0	551096.0	*	147.	58. AG	925.	2.9	.0	56.0	
39. 0	WB 118 ALL*	236878.0	551092.0	237118.0	551237.0	*	280.	59. AG	1175.	2.9	.0	56.0	
40. 0	WB 118 ALL*	237118.0	551237.0	237378.0	551379.0	*	296.	61. AG	1175.	2.9	.0	56.0	
41. 0	WB 118 dp*	235774.0	550188.0	236140.0	550540.0	*	508.	46. AG	650.	2.9	.0	56.0	
42. 0	WB 118 dp*	236144.0	550540.0	236314.0	550705.0	*	237.	46. AG	650.	2.9	.0	56.0	
43. 0	WB 118 dp*	236314.0	550705.0	236529.0	550868.0	*	270.	53. AG	650.	2.9	.0	56.0	

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD
DATE: 12/26/2006 TIME: 14:36:04.79

RUN: S12 B230PM MD 118 & MIDDLEBROOK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 3	NB MID THR*	80	51	2.0	675	1770	29.10	2	3
6. 6	NB MID LT*	80	61	2.0	225	1770	29.10	2	3
9. 0	NB Mid R*	80	51	2.0	350	1583	29.10	2	3
15. 14	SB MID THR*	80	51	2.0	750	1720	29.10	2	3
17. 16	SB MID LT*	80	61	2.0	525	1717	29.10	2	3
26. 33	EB 118 THR*	80	52	3.0	750	1695	29.10	2	3
28. 35	EB 118 LT*	80	66	3.0	75	1770	29.10	2	3
30. 37	EB 118 RT*	80	1	3.0	50	1583	29.10	2	3
34. 0	WB 118 L*	80	66	3.0	250	1717	29.10	2	3
37. 0	WB 118 T*	80	52	3.0	925	1707	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	236972.0	550543.0	5.0	*
2. REC 2 164' SE CORNER	*	236786.0	550681.0	5.0	*
3. REC 3 82' SE CORNER	*	236718.0	550732.0	5.0	*
4. REC 4 SE CORNER	*	236670.0	550810.0	5.0	*
5. REC 5 82' ES CORNER	*	236732.0	550904.0	5.0	*
6. REC 6 164' ES CORNER	*	236802.0	550952.0	5.0	*
7. REC 7 400' ES CORNER	*	237012.0	551066.0	5.0	*
8. REC 8 400' EN CORNER	*	236879.0	551150.0	5.0	*
9. REC 9 164' EN CORNER	*	236696.0	551015.0	5.0	*
10. REC 10 82' EN CORNER	*	236625.0	550967.0	5.0	*
11. REC 11 NE CORNER	*	236556.0	550926.0	5.0	*
12. REC 12 82' NE CORNER	*	236497.0	550986.0	5.0	*
13. REC 13 164' NE CORNE	*	236453.0	551054.0	5.0	*
14. REC 14 400' NE CORNE	*	236331.0	551248.0	5.0	*
15. REC 15 400' NW CORNE	*	236236.0	551184.0	5.0	*
16. REC 16 164' NW CORNE	*	236365.0	550986.0	5.0	*
17. REC 17 82' NW CORNER	*	236408.0	550919.0	5.0	*
18. REC 18 NW CORNER	*	236436.0	550849.0	5.0	*
19. REC 19 82' WN CORNE	*	236386.0	550805.0	5.0	*
20. REC 20 164' WN CORN	*	236322.0	550754.0	5.0	*

21. REC 21 400' WN CORN * 236144.0 550590.0 5.0 * S12B230P.OUT
 22. REC 22 400' WS CORN * 236223.0 550477.0 5.0 *
 23. REC 23 164' WS CORN * 236398.0 550636.0 5.0 *
 24. REC 24 82' WS CORNE * 236457.0 550687.0 5.0 *
 25. REC 25 SW CORNER * 236533.0 550735.0 5.0 *
 26. REC 26 82' SW CORNER * 236587.0 550682.0 5.0 *
 27. REC 27 164' SW CORNE * 236648.0 550632.0 5.0 *
 28. REC 28 400' SW CORNE * 236838.0 550500.0 5.0 *

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.5	.0	.0
5.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.1	.0
10.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.6	.1	.0
15.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.6	.2	.0
20.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.0
25.	*	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.0
30.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.6	.2	.1
35.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.7	.5	.2	.2
40.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.4	.2	.2
45.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.4	.2	.0
50.	*	.0	.0	.0	.1	.3	.3	.2	.0	.0	.1	.2	.0	.0	.0	.1	.2	.7	.4	.1	.0
55.	*	.0	.0	.0	.1	.2	.3	.2	.0	.2	.1	.2	.0	.0	.0	.1	.2	.7	.5	.1	.1
60.	*	.0	.0	.0	.0	.2	.3	.1	.0	.2	.2	.3	.0	.0	.0	.1	.2	.7	.4	.1	.1
65.	*	.0	.0	.0	.0	.2	.2	.1	.1	.2	.2	.3	.0	.0	.0	.2	.2	.7	.5	.3	.2
70.	*	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.5	.0	.0	.0	.2	.2	.7	.5	.2	.2
75.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.5	.0	.0	.0	.2	.2	.8	.3	.2	.1
80.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.5	.0	.0	.0	.2	.2	.8	.2	.2	.2
85.	*	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.6	.0	.0	.0	.2	.2	.9	.2	.1	.2
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.1	.0	.0	.2	.2	.9	.3	.1	.2
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.2	.0	.0	.2	.4	.9	.3	.1	.2
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.6	.2	.0	.0	.2	.5	.8	.2	.2	.2
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.5	.2	.0	.0	.2	.5	.7	.2	.2	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.5	.2	.1	.0	.2	.4	.6	.2	.2	.2
115.	*	.1	.0	.0	.0	.0	.0	.0	.1	.2	.6	.5	.1	.1	.0	.2	.5	.5	.1	.2	.1
120.	*	.1	.1	.1	.0	.0	.0	.0	.1	.2	.6	.4	.2	.1	.0	.2	.6	.4	.0	.2	.1
125.	*	.1	.1	.1	.0	.0	.0	.0	.2	.2	.6	.4	.3	.2	.0	.3	.5	.4	.1	.3	.1
130.	*	.2	.1	.1	.1	.0	.0	.0	.2	.2	.6	.4	.2	.2	.0	.3	.4	.4	.1	.3	.1
135.	*	.2	.2	.1	.1	.0	.0	.0	.2	.2	.6	.2	.2	.2	.1	.2	.4	.2	.2	.2	.1
140.	*	.2	.2	.2	.1	.0	.0	.0	.2	.2	.7	.2	.1	.1	.1	.2	.4	.2	.2	.2	.1
145.	*	.2	.2	.1	.1	.0	.0	.0	.2	.2	.7	.3	.2	.2	.2	.2	.3	.3	.2	.2	.1
150.	*	.2	.2	.2	.1	.0	.0	.0	.2	.2	.8	.3	.2	.2	.2	.1	.2	.1	.2	.2	.1
155.	*	.2	.2	.2	.1	.0	.0	.0	.2	.2	.7	.3	.2	.2	.2	.0	.1	.1	.1	.1	.1
160.	*	.1	.2	.2	.0	.0	.0	.0	.2	.2	.7	.4	.2	.3	.2	.0	.0	.1	.1	.1	.1
165.	*	.1	.2	.2	.1	.0	.0	.0	.2	.2	.7	.4	.2	.3	.2	.0	.0	.1	.1	.1	.1
170.	*	.1	.2	.1	.1	.0	.0	.0	.2	.2	.9	.3	.2	.4	.2	.0	.0	.1	.2	.1	.0
175.	*	.2	.2	.1	.2	.0	.0	.0	.2	.2	1.0	.2	.2	.4	.2	.0	.0	.0	.2	.1	.0
180.	*	.2	.1	.1	.2	.0	.0	.0	.1	.2	1.0	.2	.3	.4	.2	.0	.0	.0	.2	.1	.0
185.	*	.2	.1	.1	.2	.0	.0	.0	.1	.2	.9	.2	.4	.4	.2	.0	.0	.0	.2	.1	.0
190.	*	.2	.1	.1	.3	.0	.0	.0	.1	.3	.8	.2	.4	.4	.2	.0	.0	.0	.1	.1	.0
195.	*	.2	.1	.1	.3	.0	.0	.0	.1	.3	.8	.3	.4	.4	.1	.0	.0	.0	.1	.1	.0
200.	*	.2	.1	.1	.4	.0	.0	.0	.1	.3	.7	.3	.5	.4	.1	.0	.0	.0	.1	.1	.0
205.	*	.2	.1	.1	.4	.0	.1	.0	.2	.5	.6	.3	.4	.2	.1	.0	.0	.0	.1	.1	.1

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.1	.1	.3	.2	.1	.0	.2	.5	.5	.3	.4	.2	.1	.0	.0	.0	.1	.1	.1
215.	*	.2	.1	.0	.3	.2	.1	.0	.2	.5	.4	.3	.4	.1	.1	.0	.0	.0	.1	.1	.1
220.	*	.2	.1	.0	.4	.2	.1	.0	.2	.5	.4	.2	.4	.1	.1	.0	.0	.0	.0	.0	.1
225.	*	.2	.1	.0	.4	.2	.2	.0	.1	.3	.3	.1	.4	.1	.2	.0	.0	.0	.0	.0	.0
230.	*	.2	.1	.0	.4	.2	.2	.1	.0	.3	.4	.1	.4	.1	.2	.0	.0	.0	.0	.0	.0
235.	*	.2	.1	.0	.4	.2	.2	.1	.0	.3	.3	.2	.4	.1	.2	.0	.0	.0	.0	.0	.0
240.	*	.2	.1	.0	.5	.2	.3	.1	.0	.2	.3	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.0	.5	.2	.3	.2	.0	.2	.3	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.4	.2	.4	.2	.0	.0	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.3	.3	.4	.2	.0	.0	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
260.	*	.2	.1	.2	.3	.3	.3	.2	.0	.0	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0
265.	*	.2	.1	.3	.2	.4	.3	.2	.0	.0	.2	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0
270.	*	.2	.1	.4	.3	.4	.3	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
275.	*	.3	.1	.4	.3	.4	.3	.2	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
280.	*	.3	.1	.3	.2	.5	.3	.1	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
285.	*	.2	.1	.4	.2	.5	.3	.1	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.2	.2	.4	.2	.4	.2	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
295.	*	.2	.2	.4	.2	.4	.2	.1	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
300.	*	.2	.1	.4	.3	.4	.2	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
305.	*	.1	.1	.2	.2	.3	.2	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
310.	*	.1	.1	.3	.2	.3	.1	.2	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0
315.	*	.1	.0	.3	.2	.3	.1	.2	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.2	.4	.3	.1	.2	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.0	.0	.2	.3	.2	.1	.3	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0
330.	*	.0	.0	.2	.3	.2	.1	.3	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.0	.0	.0
335.	*	.0	.0	.2	.3	.2	.1	.3	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.2	.0	.0
340.	*	.0	.0	.2	.3	.2	.1	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.2	.0	.0
345.	*	.0	.0	.2	.3	.2	.1	.2	.0	.0	.0	.0	.1	.1	.0	.3	.1	.2	.3	.0	.0
350.	*	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.3	.1	.3	.5	.0	.0
355.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.5	.0	.0

S12B230P.OUT

360.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.5	.0	.0
MAX	*	.3	.2	.4	.5	.5	.4	.3	.2	.5	1.0	.6	.5	.4	.3	.3	.6	.9	.6	.3	.2
DEGR.	*	275	135	270	240	280	250	20	70	205	175	85	200	170	250	0	120	85	5	65	35

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.1	.5	.3	.1	.2	.2
5.	*	.0	.1	.1	.4	.2	.4	.2	.2
10.	*	.0	.1	.1	.5	.1	.5	.2	.2
15.	*	.0	.1	.2	.5	.2	.5	.1	.2
20.	*	.0	.1	.2	.4	.3	.4	.1	.2
25.	*	.0	.1	.2	.4	.3	.4	.1	.2
30.	*	.0	.1	.2	.4	.3	.3	.1	.2
35.	*	.0	.1	.2	.4	.3	.3	.1	.2
40.	*	.0	.1	.2	.4	.2	.3	.1	.2
45.	*	.0	.0	.3	.3	.3	.2	.1	.2
50.	*	.0	.0	.2	.2	.3	.2	.2	.2
55.	*	.1	.0	.1	.1	.3	.2	.2	.2
60.	*	.1	.0	.0	.0	.4	.1	.2	.2
65.	*	.1	.0	.0	.1	.3	.1	.2	.2
70.	*	.1	.0	.0	.0	.3	.1	.2	.2
75.	*	.1	.0	.0	.0	.2	.1	.2	.2
80.	*	.1	.0	.0	.0	.2	.1	.3	.2
85.	*	.1	.0	.0	.0	.2	.1	.3	.2
90.	*	.1	.0	.0	.0	.2	.2	.3	.2
95.	*	.1	.0	.0	.0	.1	.2	.3	.2
100.	*	.1	.0	.0	.0	.1	.2	.2	.2
105.	*	.1	.0	.0	.0	.2	.2	.2	.2
110.	*	.1	.0	.0	.0	.2	.3	.2	.2
115.	*	.1	.0	.0	.0	.2	.3	.2	.1
120.	*	.1	.0	.0	.0	.3	.3	.1	.1
125.	*	.1	.0	.0	.0	.1	.2	.1	.1
130.	*	.1	.0	.0	.0	.1	.2	.1	.1
135.	*	.1	.0	.0	.0	.0	.1	.1	.1
140.	*	.1	.0	.0	.0	.0	.0	.0	.0
145.	*	.1	.0	.0	.0	.0	.0	.0	.0
150.	*	.1	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.0	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.1	.1	.0	.0	.0	.0	.0
240.	*	.0	.1	.1	.1	.1	.0	.0	.0
245.	*	.0	.1	.1	.1	.2	.0	.0	.0
250.	*	.0	.1	.1	.1	.2	.0	.0	.0
255.	*	.0	.1	.1	.1	.3	.0	.0	.0
260.	*	.0	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.1	.1	.1	.4	.0	.0	.0
270.	*	.0	.1	.1	.1	.4	.0	.0	.0
275.	*	.0	.1	.0	.1	.4	.0	.0	.0
280.	*	.0	.1	.0	.1	.4	.1	.0	.0
285.	*	.0	.1	.0	.1	.4	.1	.0	.0
290.	*	.0	.1	.0	.1	.4	.1	.0	.0
295.	*	.0	.1	.0	.1	.4	.1	.1	.1
300.	*	.0	.1	.1	.1	.4	.1	.1	.1
305.	*	.0	.1	.1	.1	.3	.1	.1	.1
310.	*	.0	.1	.1	.1	.3	.2	.2	.1
315.	*	.0	.1	.1	.1	.3	.2	.1	.1
320.	*	.0	.1	.1	.1	.2	.2	.1	.1
325.	*	.0	.1	.1	.2	.4	.1	.1	.1
330.	*	.0	.1	.1	.2	.6	.1	.1	.2
335.	*	.0	.1	.1	.2	.5	.2	.1	.2
340.	*	.0	.1	.1	.3	.5	.2	.2	.2
345.	*	.0	.1	.1	.3	.4	.2	.2	.2
350.	*	.0	.1	.1	.4	.3	.1	.2	.2
355.	*	.0	.1	.1	.4	.3	.1	.2	.2
360.	*	.0	.1	.1	.5	.3	.1	.2	.2

```

-----*-----
MAX * .1 .1 .3 .5 .6 .5 .3 .2
DEGR. * 55 0 45 0 330 10 80 0

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 175 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 85 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 85 DEGREES FROM REC11.

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD
 DATE: 12/26/2006 TIME: 14:36:04.79

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 275	REC2 135	REC3 270	REC4 240	REC5 280	REC6 250	REC7 20	REC8 70	REC9 205	REC10 175	REC11 85	REC12 200	REC13 170	REC14 250	REC15 0	REC16 120	REC17 85	REC18 5	REC19 65	REC20 35
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	.1	.1	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.0	.1
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.2	.2	.0	.1
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.2	.1	.0	.0	.2	.5	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

1

JOB: S12 B230PM MD 188 & MIDDLEBROOK RD
 DATE: 12/26/2006 TIME: 14:36:04.79

RUN: S12 B230PM MD 118 & MIDDLEBROOK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 55	REC22 0	REC23 45	REC24 0	REC25 330	REC26 10	REC27 80	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.1	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.1	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.1	.0	.0	.0
15	.0	.0	.0	.0	.1	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.1	.1	.0
20	.0	.0	.0	.0	.0	.1	.0	.0
21	.0	.0	.0	.0	.1	.1	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.1	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.1	.1	.1	.0	.0	.0
26	.0	.0	.1	.3	.1	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0

29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.1	.0	.0	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.1	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.1	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0

S12B230P.OUT

Site 13 Crystal Rock & MD 118

				S13EXAM.DAT			
S13	EX	AM	118CRYRCK	60.0175.0.0000.000280.30480000	11	1	
REC 1400'	SE	CORNER	238219.	551265.	5.		
REC 2 164'	SE	CORNER	238112.	551475.	5.		
REC 3 82'	SE	CORNER	238073.	551546.	5.		
REC 4 SE		CORNER	238047.	551623.	5.		
REC 5 82'	ES	CORNER	238123.	551675.	5.		
REC 6 164'	ES	CORNER	238193.	551712.	5.		
REC 7 400'	ES	CORNER	238399.	551825.	5.		
REC 8 400'	EN	CORNER	238346.	551927.	5.		
REC 9 164'	EN	CORNER	238145.	551818.	5.		
REC 10 82'	EN	CORNER	238074.	551780.	5.		
REC 11 NE		CORNER	237986.	551746.	5.		
REC 12 82'	NE	CORNER	237925.	551811.	5.		
REC 13 164'	NE	CORNE	237885.	551884.	5.		
REC 14 400'	NE	CORNE	237778.	552095.	5.		
REC 15 400'	NW	CORNE	237681.	552061.	5.		
REC 16 164'	NW	CORNE	237804.	551851.	5.		
REC 17 82'	NW	CORNER	237840.	551788.	5.		
REC 18 NW		CORNER	237870.	551688.	5.		
REC 19 82'	WN	CORNER	237813.	551636.	5.		
REC 20 164'	WN	CORNE	237736.	551594.	5.		
REC 21 400'	WN	CORNE	237524.	551477.	5.		
REC 22 400'	WSCORNER		237589.	551382.	5.		
REC 23 164'	WSCORNER		237795.	551494.	5.		
REC 24 82'	WSCORNER		237866.	551533.	5.		
REC 25 SW		CORNER	237943.	551565.	5.		
REC 26 82'	SW	CORNER	237999.	551501.	5.		
REC 27 164'	SW	CORNE	238040.	551430.	5.		
REC 28 400'	SW	CORNE	238161.	551225.	5.		
S13 EX AM 118	CRYRCK			39	1	1	
1							
1	NB	CR	AG238136.550647.238123.550715.	253	2.7	0. 32.	35.
2							
1	NB	CR	AG238123.550715.238124.550780.	253	2.7	0. 32.	35.
3							
1	NB	CR	AG238124.550780.238151.550871.	253	2.7	0. 32.	35.
4							
1	NB	CR	AG238151.550871.238214.550972.	253	2.7	0. 32.	35.
5							
1	NB	CR	AG238214.550972.238235.551048.	253	2.7	0. 32.	35.
6							
1	NB	CR	AG238235.551048.238239.551129.	253	2.7	0. 32.	35.
7							
1	NB	CR	AG238239.551129.238211.551241.	253	2.7	0. 32.	35.
8							
1	NB	CR	AG238211.551241.238122.551402.	253	2.7	0. 44.	35.
9							
1	NB	CR	AG238122.551402.238062.551518.	253	2.7	0. 44.	35.
10							
1	NB	CR	AG238062.551518.237985.551664.	253	2.7	0. 44.	35.
2							
11	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2	
75			4.0 105 29.1 1526 2 3				
1							
12	NB	CR	AG237985.551664.237834.551929.	144	2.7	0. 44.	35.
13							
1	NB	CR	AG237834.551929.237644.552319.	144	2.7	0. 44.	35.
14							
1	NB	CR	AG237644.552319.237535.552511.	144	2.7	0. 44.	35.
15							
1	NB	CR	AG237535.552511.237498.552627.	144	2.7	0. 44.	35.
16							
1	SB	CR	AG237429.552593.237453.552511.	446	2.7	0. 44.	35.
17							
1	SB	CR	AG237453.552511.237632.552185.	446	2.7	0. 44.	35.
18							
1	SB	CR	AG237632.552185.237799.551908.	446	2.7	0. 44.	35.
36							
1	SB	CR T	AG237799.551908.237953.551648.	266	2.7	0. 32.	35.
2							
11	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1	
75			4.0 266 29.1 1684 2 3				
1							
38	SB	CR L	AG237858.551830.237948.551669.	180	2.7	0. 44.	35.
2							
11	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2	
75			4.0 180 29.1 1717 2 3				
1							
21	SB	CR	AG237953.551648.238072.551418.	180	2.7	0. 56.	35.
22							
1	SB	CR	AG238072.551418.238159.551282.	180	2.7	0. 56.	35.
23							
1	SB	CR	AG238159.551282.238207.551180.	180	2.7	0. 56.	35.
24							
1	SB	CR	AG238207.551180.238220.551099.	180	2.7	0. 56.	35.
25							
1	SB	CR	AG238220.551099.238210.551002.	180	2.7	0. 56.	35.
26							
1	SB	CR	AG238210.551002.238122.550854.	180	2.7	0. 56.	35.
27							
1	SB	CR	AG238122.550854.238103.550762.	180	2.7	0. 56.	35.
28							
1	SB	CR	AG238103.550762.238116.550642.	180	2.7	0. 56.	35.
29							
1	WB	118	AG238860.552200.238426.551937.	912	2.9	0. 56.	40.
30							
1	WB	118	AG238426.551937.238223.551830.	912	2.9	0. 56.	40.
30							
1	WB	118 T	AG238223.551830.237955.551674.	912	2.9	0. 68.	40.
2							
32	WB	118 TQ	AG238019.551711.238142.551783.	0.	36.	3	
75			4.0 874 29.1 1770 2 3				
1							
33	WB	118	AG237955.551674.237496.551431.	1009	2.9	0. 56.	40.
34							
1	WB	118	AG237496.551431.237026.551174.	1009	2.9	0. 56.	40.

				S13EXAM.DAT			
1							
34	EB 118	AG237061.551123.237978.551633.		1084 2.9	0. 68.	40.	
2							
35	E 118 TQ	AG237916.551598.237725.551492.		0. 48.	4		
	75	36 4.0 1075 29.1 1770 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.		1362 2.9	0. 68.	40.	
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 EX AM 118CRYRCK
DATE: 12/14/2006 TIME: 11:56:42.54

RUN: S13 EX AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	253.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	253.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	253.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	253.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	253.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	253.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	253.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	253.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	253.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	253.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238023.1	551591.4	*	15.	152. AG	112.	100.0	.0	24.0	.50 .8
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	144.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	144.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	144.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	144.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	446.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	446.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	446.	2.7	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	266.	2.7	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237601.9	552283.3	*	626.	332. AG	47.	100.0	.0	12.0	1.22 31.8
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	180.	2.7	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237519.5	552443.5	*	833.	331. AG	139.	100.0	.0	24.0	4.74 42.3
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	180.	2.7	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	180.	2.7	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	180.	2.7	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	180.	2.7	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	180.	2.7	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	180.	2.7	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	180.	2.7	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	180.	2.7	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	912.	2.9	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	912.	2.9	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	912.	2.9	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238089.2	551752.1	*	81.	60. AG	112.	100.0	.0	36.0	.86 4.1
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1009.	2.9	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1009.	2.9	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1084.	2.9	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237860.5	551567.2	*	64.	241. AG	150.	100.0	.0	48.0	.79 3.2
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1362.	2.9	.0	68.0	

JOB: S13 EX AM 118CRYRCK
DATE: 12/14/2006 TIME: 11:56:42.54

RUN: S13 EX AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	75	54	4.0	105	526	29.10	1	3
20. 11	SB CR TQ	75	45	4.0	266	684	29.10	1	3
22. 11	SB CR LQ	75	67	4.0	180	717	29.10	1	3
34. 32	WB 118 TQ	75	36	4.0	874	770	29.10	1	3
38. 35	E 118 TQ	75	36	4.0	1075	770	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13 EX AM 118CRYRCK

RUN: S13 EX AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.2	.1
5.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.2	.1
10.	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.2	.1
15.	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.1	.1
20.	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.1	.1
25.	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
30.	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
35.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
40.	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
45.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
50.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.2	.1	.1
55.	.0	.0	.0	.2	.2	.2	.2	.0	.1	.1	.0	.0	.0	.0	.4	.4	.4	.2	.1	.2
60.	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.4	.4	.4	.1	.1	.1
65.	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.2	.0	.0	.0	.4	.4	.4	.2	.2	.2
70.	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.3	.0	.0	.0	.4	.4	.4	.4	.2	.2
75.	.0	.0	.0	.0	.1	.1	.1	.3	.3	.2	.3	.0	.0	.0	.4	.4	.4	.4	.2	.2
80.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.4	.4	.4	.3	.2	.2
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0	.4	.4	.4	.3	.2	.2
90.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0	.4	.4	.4	.1	.1	.3
95.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0	.4	.4	.4	.1	.1	.3
100.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0	.4	.4	.4	.1	.3	.3
105.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0	.4	.4	.5	.2	.3	.3
110.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0	.0	.5	.4	.4	.1	.3	.3
115.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0	.0	.5	.4	.4	.1	.4	.2
120.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0	.0	.5	.4	.4	.1	.4	.2
125.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0	.0	.5	.4	.4	.1	.4	.2
130.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.1	.0	.0	.5	.4	.3	.1	.4	.2
135.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.0	.0	.5	.4	.3	.1	.4	.2
140.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.0	.0	.0	.5	.3	.2	.1	.4	.2
145.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.0	.0	.1	.4	.3	.2	.2	.3	.2
150.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.0	.0	.1	.3	.2	.1	.2	.3	.2
155.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.0	.1	.1	.2	.1	.0	.3	.3	.2
160.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.0	.1	.2	.1	.0	.1	.3	.2	.2
165.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.0	.2	.2	.0	.0	.1	.4	.2	.2
170.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.1	.2	.4	.0	.0	.1	.4	.2	.2
175.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.1	.2	.4	.0	.0	.1	.4	.2	.2
180.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.1	.3	.4	.0	.0	.0	.3	.2	.2
185.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.3	.3	.4	.0	.0	.0	.3	.2	.2
190.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.3	.4	.4	.0	.0	.0	.3	.2	.2
195.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.3	.4	.4	.0	.0	.0	.3	.2	.2
200.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.2	.4	.4	.0	.0	.0	.2	.2	.2
205.	.0	.0	.0	.1	.0	.0	.0	.2	.3	.5	.2	.2	.4	.3	.0	.0	.0	.2	.2	.2

1

JOB: S13 EX AM 118CRYRCK

RUN: S13 EX AM 118 CRYRCK

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.1	.0	.0	.0	.2	.3	.5	.3	.2	.4	.3	.0	.0	.0	.2	.2	.2
215.	.0	.0	.0	.1	.0	.0	.0	.2	.3	.4	.3	.2	.4	.3	.0	.0	.0	.2	.2	.2
220.	.0	.0	.0	.1	.0	.0	.0	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0	.2	.2	.2
225.	.0	.0	.0	.1	.0	.0	.0	.2	.2	.4	.2	.4	.4	.3	.0	.0	.0	.2	.2	.2
230.	.0	.0	.0	.1	.1	.1	.1	.2	.2	.3	.2	.4	.4	.3	.0	.0	.0	.2	.2	.2
235.	.0	.0	.0	.2	.1	.1	.1	.2	.2	.3	.2	.4	.4	.3	.0	.0	.0	.1	.2	.2
240.	.0	.0	.0	.3	.2	.1	.1	.2	.2	.2	.2	.4	.4	.3	.0	.0	.0	.0	.1	.1
245.	.0	.0	.0	.3	.2	.2	.1	.2	.2	.2	.1	.4	.4	.3	.0	.0	.0	.0	.1	.1
250.	.0	.0	.0	.3	.2	.1	.2	.0	.2	.1	.1	.4	.4	.3	.0	.0	.0	.0	.1	.1
255.	.0	.0	.0	.2	.2	.2	.2	.0	.1	.1	.1	.4	.4	.3	.0	.0	.0	.0	.0	.0
260.	.0	.0	.1	.4	.1	.3	.2	.1	.1	.1	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0
265.	.0	.0	.1	.4	.1	.3	.2	.1	.1	.1	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
270.	.0	.0	.2	.4	.1	.3	.3	.1	.1	.1	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
275.	.0	.0	.2	.3	.1	.3	.2	.1	.1	.1	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.1	.3	.3	.2	.1	.1	.1	.2	.4	.4	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.1	.3	.3	.2	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.1	.3	.3	.2	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.2	.3	.3	.2	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.2	.3	.2	.1	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
305.	.0	.0	.1	.2	.3	.2	.1	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
310.	.0	.1	.1	.3	.4	.2	.1	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
315.	.0	.1	.1	.3	.3	.2	.1	.0	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0
320.	.1	.1	.2	.3	.3	.2	.1	.0	.0	.1	.2	.4	.4	.2	.1	.1	.1	.1	.0	.0
325.	.1	.1	.2	.3	.3	.1	.1	.0	.0	.1	.2	.4	.3	.2	.1	.3	.3	.1	.0	.0
330.	.1	.1	.2	.3	.2	.1	.1	.0	.0	.0	.1	.2	.2	.1	.2	.3	.4	.3	.0	.0
335.	.1	.1	.2	.3	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.3	.4	.4	.3	.1	.0
340.	.0	.1	.2	.3	.2	.1	.1	.0	.0	.0	.1	.1	.1	.0	.5	.5	.6	.4	.1	.0
345.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.1	.1
350.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.4	.2	.1
355.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.2	.1
360.	.0	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.2	.1

1

JOB: S13 EX AM 118CRYRCK

RUN: S13 EX AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.3	.6	.2	.0	.0	.0	.0
5.	.0	.2	.3	.6	.2	.0	.0	.0	.0
10.	.1	.3	.3	.6	.1	.0	.0	.0	.0
15.	.1	.3	.3	.6	.1	.1	.0	.0	.0
20.	.1	.3	.3	.6	.1	.1	.0	.0	.0
25.	.1	.3	.4	.5	.3	.1	.0	.0	.0
30.	.1	.3	.2	.5	.3	.1	.0	.0	.0
35.	.1	.2	.2	.4	.3	.1	.0	.0	.0
40.	.1	.3	.2	.4	.3	.1	.0	.0	.0
45.	.1	.2	.2	.5	.1	.1	.0	.0	.0
50.	.1	.2	.3	.4	.1	.1	.0	.0	.0
55.	.1	.2	.3	.4	.1	.0	.0	.0	.0
60.	.1	.1	.3	.3	.1	.0	.0	.0	.0
65.	.1	.1	.3	.3	.1	.0	.0	.0	.0
70.	.2	.1	.1	.0	.1	.0	.0	.0	.0
75.	.3	.1	.0	.0	.0	.0	.0	.0	.0
80.	.3	.0	.0	.0	.0	.0	.0	.0	.0
85.	.2	.0	.0	.0	.0	.0	.0	.0	.0
90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
95.	.2	.0	.0	.0	.0	.0	.0	.0	.0
100.	.2	.0	.0	.0	.0	.0	.0	.0	.0
105.	.2	.0	.0	.0	.0	.0	.0	.0	.0
110.	.2	.0	.0	.0	.0	.0	.0	.0	.0
115.	.2	.0	.0	.0	.0	.0	.0	.0	.0
120.	.2	.0	.0	.0	.0	.0	.0	.0	.0
125.	.2	.0	.0	.0	.0	.0	.0	.0	.0
130.	.2	.0	.0	.0	.0	.0	.0	.0	.0
135.	.2	.0	.0	.0	.0	.0	.0	.0	.0
140.	.2	.0	.0	.0	.0	.0	.0	.0	.0
145.	.2	.0	.0	.0	.0	.0	.0	.0	.0
150.	.2	.0	.0	.0	.0	.0	.0	.0	.0
155.	.2	.0	.0	.0	.0	.0	.0	.0	.0
160.	.2	.0	.0	.0	.0	.0	.0	.0	.0
165.	.2	.0	.0	.0	.0	.0	.0	.0	.0
170.	.2	.0	.0	.0	.0	.0	.0	.0	.0
175.	.2	.0	.0	.0	.0	.0	.0	.0	.0
180.	.2	.0	.0	.0	.0	.0	.0	.0	.0
185.	.2	.0	.0	.0	.0	.0	.0	.0	.0
190.	.2	.0	.0	.0	.0	.0	.0	.0	.0
195.	.2	.0	.0	.0	.0	.0	.0	.0	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 EX AM 118CRYRCK

RUN: S13 EX AM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	.0
215.	.3	.0	.0	.0	.0	.0	.0	.0	.0
220.	.3	.0	.0	.0	.0	.0	.0	.0	.0
225.	.3	.1	.0	.0	.0	.0	.0	.0	.0
230.	.3	.1	.1	.1	.1	.0	.0	.0	.0
235.	.2	.1	.1	.1	.1	.0	.0	.0	.0
240.	.2	.1	.1	.1	.1	.0	.0	.0	.0
245.	.1	.2	.2	.2	.2	.0	.0	.0	.0
250.	.1	.2	.2	.2	.2	.0	.0	.0	.0
255.	.0	.2	.2	.2	.2	.0	.0	.0	.0
260.	.0	.3	.2	.2	.3	.1	.0	.0	.0
265.	.0	.2	.1	.2	.4	.1	.0	.0	.0
270.	.0	.2	.2	.2	.5	.1	.0	.0	.0
275.	.0	.2	.2	.2	.5	.0	.0	.0	.0
280.	.0	.1	.2	.2	.5	.0	.0	.0	.0
285.	.0	.1	.2	.2	.5	.0	.0	.0	.0
290.	.0	.1	.2	.2	.5	.1	.0	.0	.0
295.	.0	.1	.2	.2	.4	.1	.0	.0	.0
300.	.0	.1	.2	.2	.4	.1	.0	.0	.0
305.	.0	.1	.2	.2	.4	.1	.0	.0	.0
310.	.0	.1	.2	.2	.4	.1	.1	.0	.0
315.	.0	.1	.2	.2	.3	.1	.1	.0	.0
320.	.0	.1	.2	.2	.4	.2	.2	.0	.0
325.	.0	.1	.2	.2	.4	.2	.1	.1	.1
330.	.0	.1	.1	.3	.4	.2	.1	.1	.1
335.	.0	.1	.1	.4	.5	.2	.1	.1	.1
340.	.0	.1	.3	.4	.4	.2	.1	.1	.1
345.	.0	.1	.3	.5	.3	.1	.1	.0	.0
350.	.0	.1	.3	.6	.3	.1	.1	.0	.0
355.	.0	.1	.3	.6	.2	.1	.0	.0	.0
360.	.0	.1	.3	.6	.2	.0	.0	.0	.0

THE HIGHEST CONCENTRATION IS .60 PPM AT 350 DEGREES FROM REC16.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC24.

1

JOB: S13 EX AM 118CRYRCK
DATE: 12/14/2006 TIME: 11:56:42.54

S13EXAM.OUT
RUN: S13 EX AM 118 CRYRCK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)																			
LINK #	*	REC1 320	REC2 310	REC3 0	REC4 260	REC5 310	REC6 260	REC7 40	REC8 65	REC9 65	REC10 170	REC11 85	REC12 225	REC13 190	REC14 170	REC15 0	REC16 350	REC17 0	REC18 0	REC19 115	REC20 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.4	.4	.3	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.1	.0	.2	.1	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
38	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
39	*	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 EX AM 118CRYRCK
DATE: 12/14/2006 TIME: 11:56:42.54

RUN: S13 EX AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 75	REC22 10	REC23 25	REC24 0	REC25 270	REC26 320	REC27 320	REC28 325
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.1	.1	.0	.1	.1	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.2	.1	.1	.1	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.1	.1	.1	.1	.0	.0	.0
38	*	.0	.0	.1	.3	.3	.1	.1	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0

				S13EXPM.dat			
S13EXPM 118 CRYSRCK				60.0175.0.0000.000280.30480000	11	1	
REC 1400'	SE CORNER	238219.	551265.	5.			
REC 2 164'	SE CORNER	238112.	551475.	5.			
REC 3 82'	SE CORNER	238073.	551546.	5.			
REC 4 SE CORNER		238047.	551623.	5.			
REC 5 82'	ES CORNER	238123.	551675.	5.			
REC 6 164'	ES CORNER	238193.	551712.	5.			
REC 7 400'	ES CORNER	238399.	551825.	5.			
REC 8 400'	EN CORNER	238346.	551927.	5.			
REC 9 164'	EN CORNER	238145.	551818.	5.			
REC 10 82'	EN CORNER	238074.	551780.	5.			
REC 11 NE CORNER		237986.	551746.	5.			
REC 12 82'	NE CORNER	237925.	551811.	5.			
REC 13 164'	NE CORNE	237885.	551884.	5.			
REC 14 400'	NE CORNE	237778.	552095.	5.			
REC 15 400'	NW CORNE	237681.	552061.	5.			
REC 16 164'	NW CORNE	237804.	551851.	5.			
REC 17 82'	NW CORNER	237840.	551788.	5.			
REC 18 NW CORNER		237870.	551688.	5.			
REC 19 82'	WN CORNER	237813.	551636.	5.			
REC 20 164'	WN CORNE	237736.	551594.	5.			
REC 21 400'	WN CORNE	237524.	551477.	5.			
REC 22 400'	WSCORNER	237589.	551382.	5.			
REC 23 164'	WSCORNER	237795.	551494.	5.			
REC 24 82'	WSCORNER	237866.	551533.	5.			
REC 25 SW CORNER		237943.	551565.	5.			
REC 26 82'	SW CORNER	237999.	551501.	5.			
REC 27 164'	SW CORNE	238040.	551430.	5.			
REC 28 400'	SW CORNE	238161.	551225.	5.			
S13 EX PM 118 CRYRCK				37	1	1	
1							
1	NB CR	AG238136.550647.238123.550715.	184 2.7 0. 32.	35.			
2							
1	NB CR	AG238123.550715.238124.550780.	184 2.7 0. 32.	35.			
3							
1	NB CR	AG238124.550780.238151.550871.	184 2.7 0. 32.	35.			
4							
1	NB CR	AG238151.550871.238214.550972.	184 2.7 0. 32.	35.			
5							
1	NB CR	AG238214.550972.238235.551048.	184 2.7 0. 32.	35.			
6							
1	NB CR	AG238235.551048.238239.551129.	184 2.7 0. 32.	35.			
7							
1	NB CR	AG238239.551129.238211.551241.	184 2.7 0. 32.	35.			
8							
1	NB CR	AG238211.551241.238122.551402.	184 2.7 0. 44.	35.			
9							
1	NB CR	AG238122.551402.238062.551518.	184 2.7 0. 44.	35.			
10							
1	NB CR	AG238062.551518.237985.551664.	184 2.7 0. 44.	35.			
2							
11	NB CR TQ	AG238016.551605.238059.551523.	0. 24. 2				
140	122	4.0 62 29.1 1599 2 3					
1							
12	NB CR	AG237985.551664.237834.551929.	411 2.7 0. 44.	35.			
1							
13	NB CR	AG237834.551929.237644.552319.	411 2.7 0. 44.	35.			
1							
14	NB CR	AG237644.552319.237535.552511.	411 2.7 0. 44.	35.			
1							
15	NB CR	AG237535.552511.237498.552627.	411 2.7 0. 44.	35.			
1							
16	SB CR	AG237429.552593.237453.552511.	228 2.7 0. 44.	35.			
1							
17	SB CR	AG237453.552511.237632.552185.	228 2.7 0. 44.	35.			
1							
18	SB CR	AG237632.552185.237799.551908.	228 2.7 0. 44.	35.			
1							
19	SB CR TQ	AG237799.551908.237953.551648.	228 2.7 0. 56.	35.			
2							
20	SB CR TQ	AG237903.551732.237812.551887.	0. 36. 3				
140	117	4.0 171 29.1 1717 2 3					
1							
21	SB CR	AG237953.551648.238072.551418.	376 2.7 0. 56.	35.			
1							
22	SB CR	AG238072.551418.238159.551282.	376 2.7 0. 56.	35.			
1							
23	SB CR	AG238159.551282.238207.551180.	376 2.7 0. 56.	35.			
1							
24	SB CR	AG238207.551180.238220.551099.	376 2.7 0. 56.	35.			
1							
25	SB CR	AG238220.551099.238210.551002.	376 2.7 0. 56.	35.			
1							
26	SB CR	AG238210.551002.238122.550854.	376 2.7 0. 56.	35.			
1							
27	SB CR	AG238122.550854.238103.550762.	376 2.7 0. 56.	35.			
1							
28	SB CR	AG238103.550762.238116.550642.	376 2.7 0. 56.	35.			
1							
29	WB 118	AG238860.552200.238426.551937.	2434 2.9 0. 56.	40.			
1							
30	WB 118	AG238426.551937.238223.551830.	2434 2.9 0. 56.	40.			
1							
30	WB 118 T	AG238223.551830.237955.551674.	2434 2.9 0. 68.	40.			
2							
32	WB 118 TQ	AG238019.551711.238142.551783.	0. 48. 4				
140	45	4.0 2375 29.1 1770 2 3					
1							
33	WB 118	AG237955.551674.237496.551431.	2095 2.9 0. 56.	40.			
1							
34	WB 118	AG237496.551431.237026.551174.	2095 2.9 0. 56.	40.			
1							
34	EB 118	AG237061.551123.237978.551633.	957 2.9 0. 68.	40.			
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0. 48. 4				
140	31	4.0 942 29.1 1770 2 3					

1
37 EB 118 AG237978.551633.238891.552144. 921 2.9 0. 68. 40.
1.0 0.4 1000. 0.0Y 5 0 72

S13EXPM.dat

JOB: S13EXPM 118 CRYROCK
DATE: 12/14/2006 TIME: 11:57:04.56

RUN: S13 EX PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	184.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	184.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	184.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	184.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	184.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	184.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	184.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	184.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	184.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	184.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238026.6	551584.9	*	23.	152. AG	136.	100.0	.0	24.0	.61 1.2
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	411.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	411.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	411.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	411.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	228.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	228.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	228.	2.7	.0	44.0	
19. 19	SB CR TQ	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	228.	2.7	.0	56.0	
20. 20	SB CR TQ	237903.0	551732.0	237883.0	551766.1	*	39.	330. AG	196.	100.0	.0	36.0	.66 2.0
21. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	376.	2.7	.0	56.0	
22. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	376.	2.7	.0	56.0	
23. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	376.	2.7	.0	56.0	
24. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	376.	2.7	.0	56.0	
25. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	376.	2.7	.0	56.0	
26. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	376.	2.7	.0	56.0	
27. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	376.	2.7	.0	56.0	
28. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	376.	2.7	.0	56.0	
29. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2434.	2.9	.0	56.0	
30. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2434.	2.9	.0	56.0	
31. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2434.	2.9	.0	68.0	
32. 32	WB 118 TQ	238019.0	551711.0	239141.5	552368.0	*	1301.	60. AG	100.	100.0	.0	48.0	1.21 66.1
33. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2095.	2.9	.0	56.0	
34. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2095.	2.9	.0	56.0	
35. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	957.	2.9	.0	68.0	
36. 35	E 118 TQ	237916.0	551598.0	237881.2	551578.7	*	40.	241. AG	69.	100.0	.0	48.0	.42 2.0
37. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	921.	2.9	.0	68.0	

JOB: S13EXPM 118 CRYROCK
DATE: 12/14/2006 TIME: 11:57:04.56

RUN: S13 EX PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	140	122	4.0	62	599	29.10	1	3
20. 20	SB CR TQ	140	117	4.0	171	717	29.10	1	3
32. 32	WB 118 TQ	140	45	4.0	2375	770	29.10	1	3
36. 35	E 118 TQ	140	31	4.0	942	770	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13EXPM 118 CRYROCK

RUN: S13 EX PM 118 CRYRCK

MODEL RESULTS

S13EXPM.OUT

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
5.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
15.	.1	.1	.2	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
20.	.1	.1	.2	.4	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
25.	.1	.1	.2	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
30.	.0	.1	.1	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
35.	.0	.1	.1	.4	.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
40.	.0	.1	.1	.4	.5	.4	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
45.	.0	.1	.1	.4	.4	.5	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
50.	.0	.1	.1	.3	.4	.5	.4	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0
55.	.0	.0	.1	.2	.3	.3	.3	.7	.5	.6	.3	.0	.0	.0	.0	.0	.0	.3	.3	.2
60.	.0	.0	.0	.2	.2	.2	.3	.9	.8	.7	.3	.1	.0	.0	.0	.0	.1	.3	.4	.3
65.	.0	.0	.0	.2	.2	.2	.1	1.0	.9	.8	.5	.1	.0	.0	.0	.0	.1	.3	.4	.4
70.	.0	.0	.0	.0	.1	.1	.0	1.0	1.1	1.0	.6	.1	.1	.0	.0	.1	.1	.3	.5	.4
75.	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	1.0	.6	.1	.1	.0	.0	.1	.1	.5	.5	.4
80.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	1.0	.6	.1	.1	.0	.0	.1	.1	.4	.4	.3
85.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.6	.2	.1	.0	.0	.1	.2	.4	.3	.3
90.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.6	.2	.1	.1	.1	.1	.2	.3	.2	.2
95.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.6	.2	.1	.1	.1	.1	.3	.2	.2	.3
100.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.6	.2	.1	.1	.1	.2	.3	.2	.2	.3
105.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1	.1	.1	.2	.3	.2	.2	.3
110.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.4	.2	.2	.1	.1	.2	.4	.1	.3	.3
115.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.4	.2	.2	.1	.0	.2	.3	.1	.4	.3
120.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.2	.2	.1	.0	.1	.3	.1	.4	.3
125.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.2	.2	.1	.0	.2	.3	.1	.4	.3
130.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.2	.2	.0	.0	.1	.2	.1	.3	.3
135.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.5	.3	.2	.2	.0	.0	.1	.2	.1	.3	.3
140.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1	.0	.0	.1	.2	.1	.2	.2
145.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1	.0	.0	.1	.3	.1	.3	.3
150.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1	.0	.0	.1	.2	.1	.3	.3
155.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.1	.1	.0	.0	.1	.2	.1	.3	.3
160.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.2	.0	.0	.0	.2	.2	.3	.3
165.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.2	.1	.0	.0	.1	.2	.3	.3
170.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.1	.2	.1	.0	.0	.1	.1	.3	.3
175.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.2	.2	.2	.1	.0	.1	.1	.1	.3	.3
180.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.2	.3	.3	.1	.0	.1	.1	.1	.3	.3
185.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.2	.3	.2	.1	.0	.1	.1	.1	.3	.3
190.	.0	.0	.0	.1	.0	.0	.0	.7	.6	.6	.2	.2	.2	.0	.0	.1	.1	.2	.3	.3
195.	.0	.0	.0	.1	.0	.0	.0	.8	.7	.5	.2	.3	.1	.0	.0	.1	.1	.2	.3	.3
200.	.0	.0	.0	.1	.0	.0	.0	.8	.8	.6	.2	.3	.1	.0	.0	.1	.1	.2	.3	.3
205.	.0	.0	.0	.1	.0	.0	.0	.9	.8	.6	.2	.3	.1	.0	.0	.0	.1	.3	.3	.3

1

JOB: S13EXPM 118 CRYROCK

RUN: S13 EX PM 118 CRYRCK

PAGE 4

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.0	.0	.0	.2	.0	.0	.0	.9	.8	.6	.3	.3	.1	.0	.0	.0	.1	.3	.3	.3
215.	.0	.0	.0	.2	.0	.0	.0	.9	.7	.6	.3	.3	.0	.0	.0	.0	.1	.3	.4	.4
220.	.0	.0	.0	.2	.0	.0	.0	1.1	.7	.7	.3	.3	.0	.0	.0	.0	.1	.3	.4	.4
225.	.0	.0	.0	.2	.0	.0	.0	1.1	.7	.6	.4	.3	.0	.0	.0	.0	.0	.3	.4	.4
230.	.0	.0	.0	.2	.0	.0	.0	1.0	.7	.7	.4	.1	.0	.0	.0	.0	.0	.2	.4	.4
235.	.0	.0	.0	.3	.0	.1	.1	1.0	.7	.4	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3
240.	.0	.0	.0	.2	.2	.1	.1	.8	.6	.4	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3
245.	.0	.0	.0	.3	.3	.2	.3	.7	.5	.4	.1	.0	.0	.0	.0	.0	.0	.1	.2	.3
250.	.0	.0	.0	.3	.3	.2	.3	.5	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1
255.	.0	.0	.0	.3	.2	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
260.	.0	.0	.0	.2	.2	.4	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.1	.2	.3	.3	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.1	.2	.3	.3	.5	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.1	.1	.2	.3	.5	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.2	.3	.3	.4	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.1	.1	.2	.3	.4	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.1	.1	.2	.3	.4	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.3	.3	.4	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.2	.2	.3	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.2	.3	.3	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
310.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
315.	.0	.0	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
320.	.0	.0	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
325.	.0	.0	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
330.	.0	.0	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
335.	.0	.0	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
360.	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1

JOB: S13EXPM 118 CRYROCK

RUN: S13 EX PM 118 CRYRCK

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.2	.2	.1	.1	.0
5.	.0	.2	.2	.3	.3	.1	.2	.0
10.	.0	.2	.2	.3	.2	.3	.2	.1
15.	.0	.2	.2	.3	.2	.3	.2	.1
20.	.0	.2	.2	.3	.3	.3	.1	.1
25.	.0	.2	.2	.3	.3	.2	.1	.1
30.	.0	.2	.2	.4	.3	.2	.1	.1
35.	.0	.2	.2	.5	.3	.1	.1	.0
40.	.1	.2	.4	.4	.4	.1	.1	.0
45.	.1	.2	.4	.4	.4	.1	.1	.0
50.	.1	.3	.3	.6	.4	.1	.1	.0
55.	.3	.3	.3	.5	.4	.1	.0	.0
60.	.3	.2	.2	.3	.3	.0	.0	.0
65.	.4	.2	.2	.2	.3	.0	.0	.0
70.	.4	.1	.1	.0	.1	.0	.0	.0
75.	.3	.1	.0	.0	.1	.0	.0	.0
80.	.4	.0	.0	.0	.1	.0	.0	.0
85.	.4	.0	.0	.0	.0	.0	.0	.0
90.	.4	.0	.0	.0	.0	.0	.0	.0
95.	.4	.0	.0	.0	.0	.0	.0	.0
100.	.3	.0	.0	.0	.0	.0	.0	.0
105.	.3	.0	.0	.0	.0	.0	.0	.0
110.	.3	.0	.0	.0	.0	.0	.0	.0
115.	.3	.0	.0	.0	.0	.0	.0	.0
120.	.3	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.0	.0	.0
130.	.3	.0	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0
145.	.2	.0	.0	.0	.0	.0	.0	.0
150.	.2	.0	.0	.0	.0	.0	.0	.0
155.	.2	.0	.0	.0	.0	.0	.0	.0
160.	.2	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13EXPM 118 CRYSRCK

RUN: S13 EX PM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.0	.0	.0	.0	.0
220.	.4	.0	.0	.0	.0	.0	.0	.0
225.	.4	.0	.0	.0	.0	.0	.0	.0
230.	.3	.1	.1	.1	.0	.0	.0	.0
235.	.3	.1	.1	.1	.1	.0	.0	.0
240.	.3	.1	.1	.1	.1	.0	.0	.0
245.	.3	.2	.1	.1	.1	.0	.0	.0
250.	.2	.2	.2	.2	.2	.0	.0	.0
255.	.1	.2	.3	.2	.2	.0	.0	.0
260.	.0	.2	.2	.2	.2	.0	.0	.0
265.	.0	.2	.2	.2	.3	.0	.0	.0
270.	.0	.2	.2	.2	.3	.1	.0	.0
275.	.0	.2	.2	.2	.3	.1	.0	.0
280.	.0	.2	.2	.2	.3	.1	.0	.0
285.	.0	.2	.2	.2	.3	.1	.0	.0
290.	.0	.2	.2	.2	.3	.1	.0	.0
295.	.0	.3	.2	.2	.3	.1	.0	.0
300.	.0	.2	.2	.2	.3	.1	.0	.0
305.	.0	.2	.2	.2	.3	.1	.0	.0
310.	.0	.2	.2	.2	.3	.1	.0	.0
315.	.0	.2	.2	.2	.3	.1	.0	.0
320.	.0	.2	.2	.2	.3	.1	.0	.0
325.	.0	.2	.2	.2	.3	.1	.0	.0
330.	.0	.2	.2	.2	.3	.1	.0	.0
335.	.0	.2	.2	.2	.2	.0	.0	.0
340.	.0	.2	.2	.2	.3	.0	.1	.0
345.	.0	.2	.2	.2	.3	.0	.1	.0
350.	.0	.2	.2	.2	.3	.0	.1	.0
355.	.0	.2	.2	.2	.2	.1	.2	.0
360.	.0	.2	.2	.2	.2	.1	.1	.0

MAX DEGR.	65	50	40	50	40	10	5	10
1.10	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00

1

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 75 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 70 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 70 DEGREES FROM REC10 .

JOB: S13EXPM 118 CRYSRCK

DATE: 12/14/2006 TIME: 11:57:04.56

RUN: S13 EX PM 118 CRYRCK

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		10	0	0	10	35	15	10	75	70	70	70	180	180	90	90	100	110	75	70	65
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.1	.1	.1	.1	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.1	.1	.2	.1	.1
32	*	.1	.1	.1	.2	.2	.2	.6	.5	.5	.3	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

JOB: S13EXPM 118 CRYSRCK
DATE: 12/14/2006 TIME: 11:57:04.56

RUN: S13 EX PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		65	50	40	50	40	10	5	10
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.1	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.1	.1	.1	.1	.1	.0
32	*	.1	.1	.1	.2	.2	.1	.1	.1
33	*	.3	.1	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.1	.1	.1	.0	.0	.0	.0
36	*	.0	.0	.0	.1	.0	.0	.0	.0
37	*	.0	.0	.0	.1	.1	.0	.0	.0

				S13NB15A.DAT			
S13	NB15	AM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1
REC 1400'	SE CORNER	238219.	551265.	5.			
REC 2 164'	SE CORNER	238112.	551475.	5.			
REC 3 82'	SE CORNER	238073.	551546.	5.			
REC 4 SE CORNER		238047.	551623.	5.			
REC 5 82'	ES CORNER	238123.	551675.	5.			
REC 6 164'	ES CORNER	238193.	551712.	5.			
REC 7 400'	ES CORNER	238399.	551825.	5.			
REC 8 400'	EN CORNER	238346.	551927.	5.			
REC 9 164'	EN CORNER	238145.	551818.	5.			
REC 10 82'	EN CORNER	238074.	551780.	5.			
REC 11 NE CORNER		237986.	551746.	5.			
REC 12 82'	NE CORNER	237925.	551811.	5.			
REC 13 164'	NE CORNE	237885.	551884.	5.			
REC 14 400'	NE CORNE	237778.	552095.	5.			
REC 15 400'	NW CORNE	237681.	552061.	5.			
REC 16 164'	NW CORNE	237804.	551851.	5.			
REC 17 82'	NW CORNER	237840.	551788.	5.			
REC 18 NW CORNER		237870.	551688.	5.			
REC 19 82'	WN CORNER	237813.	551636.	5.			
REC 20 164'	WN CORNE	237736.	551594.	5.			
REC 21 400'	WN CORNE	237524.	551477.	5.			
REC 22 400'	WSCORNER	237589.	551382.	5.			
REC 23 164'	WSCORNER	237795.	551494.	5.			
REC 24 82'	WSCORNER	237866.	551533.	5.			
REC 25 SW CORNER		237943.	551565.	5.			
REC 26 82'	SW CORNER	237999.	551501.	5.			
REC 27 164'	SW CORNE	238040.	551430.	5.			
REC 28 400'	SW CORNE	238161.	551225.	5.			
S13	NB15	AM	118	CRYRCK	39	1	1
1							
1	NB	CR	AG238136.550647.238123.550715.	475	3.1	0. 32.	35.
2							
2	NB	CR	AG238123.550715.238124.550780.	475	3.1	0. 32.	35.
3							
3	NB	CR	AG238124.550780.238151.550871.	475	3.1	0. 32.	35.
4							
4	NB	CR	AG238151.550871.238214.550972.	475	3.1	0. 32.	35.
5							
5	NB	CR	AG238214.550972.238235.551048.	475	3.1	0. 32.	35.
6							
6	NB	CR	AG238235.551048.238239.551129.	475	3.1	0. 32.	35.
7							
7	NB	CR	AG238239.551129.238211.551241.	475	3.1	0. 32.	35.
8							
8	NB	CR	AG238211.551241.238122.551402.	475	3.1	0. 44.	35.
9							
9	NB	CR	AG238122.551402.238062.551518.	475	3.1	0. 44.	35.
10							
10	NB	CR	AG238062.551518.237985.551664.	475	3.1	0. 44.	35.
11							
11	NB	CR TQ	AG238016.551605.238059.551523.	0. 24.	2		
150			2.0 475 33.4 1528 2 3				
12							
12	NB	CR	AG237985.551664.237834.551929.	175	3.1	0. 44.	35.
13							
13	NB	CR	AG237834.551929.237644.552319.	175	3.1	0. 44.	35.
14							
14	NB	CR	AG237644.552319.237535.552511.	175	3.1	0. 44.	35.
15							
15	NB	CR	AG237535.552511.237498.552627.	175	3.1	0. 44.	35.
16							
16	SB	CR	AG237429.552593.237453.552511.	625	3.1	0. 44.	35.
17							
17	SB	CR	AG237453.552511.237632.552185.	625	3.1	0. 44.	35.
18							
18	SB	CR	AG237632.552185.237799.551908.	625	3.1	0. 44.	35.
36							
36	SB	CR T	AG237799.551908.237953.551648.	50	3.1	0. 32.	35.
11							
11	SB	CR TQ	AG237893.551729.237799.551908.	0. 12.	1		
150			2.0 50 33.4 1723 2 3				
38							
38	SB	CR L	AG237858.551830.237948.551669.	575	3.1	0. 44.	35.
11							
11	SB	CR LQ	AG237922.551714.237858.551830.	0. 24.	2		
150			2.0 575 33.4 1717 2 3				
21							
21	SB	CR	AG237953.551648.238072.551418.	175	3.1	0. 56.	35.
22							
22	SB	CR	AG238072.551418.238159.551282.	175	3.1	0. 56.	35.
23							
23	SB	CR	AG238159.551282.238207.551180.	175	3.1	0. 56.	35.
24							
24	SB	CR	AG238207.551180.238220.551099.	175	3.1	0. 56.	35.
25							
25	SB	CR	AG238220.551099.238210.551002.	175	3.1	0. 56.	35.
26							
26	SB	CR	AG238210.551002.238122.550854.	175	3.1	0. 56.	35.
27							
27	SB	CR	AG238122.550854.238103.550762.	175	3.1	0. 56.	35.
28							
28	SB	CR	AG238103.550762.238116.550642.	175	3.1	0. 56.	35.
29							
29	WB	118	AG238860.552200.238426.551937.	2300	3.3	0. 56.	40.
30							
30	WB	118	AG238426.551937.238223.551830.	2300	3.3	0. 56.	40.
30							
30	WB	118 T	AG238223.551830.237955.551674.	2300	3.3	0. 68.	40.
32							
32	WB	118 TQ	AG238019.551711.238142.551783.	0. 36.	3		
150			2.0 2300 33.4 1723 2 3				
33							
33	WB	118	AG237955.551674.237496.551431.	2100	3.3	0. 56.	40.
34							
34	WB	118	AG237496.551431.237026.551174.	2100	3.3	0. 56.	40.

				S13NB15A.DAT
1				
34	EB 118	AG237061.551123.237978.551633.	975 3.3	0. 68. 40.
2				
35	E 118 TQ	AG237916.551598.237725.551492.	0. 48.	4
	150 64	2.0 975 33.4 1709 2 3		
1				
37	EB 118	AG237978.551633.238891.552144.	975 3.3	0. 68. 40.
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: S13 NB15 AM 118CRYRCK
DATE: 12/27/2006 TIME: 15:26:04.71

RUN: S13 NB15 AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	475.	3.1	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	475.	3.1	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	475.	3.1	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	475.	3.1	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	475.	3.1	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	475.	3.1	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	475.	3.1	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	475.	3.1	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	475.	3.1	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	475.	3.1	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238514.4	550654.6	*	1073.	152. AG	156.	100.0	.0	24.0	1.56 54.5
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	175.	3.1	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	175.	3.1	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	175.	3.1	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	175.	3.1	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	625.	3.1	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	625.	3.1	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	625.	3.1	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	3.1	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237877.6	551758.3	*	33.	332. AG	72.	100.0	.0	12.0	.17 1.7
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	575.	3.1	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237798.6	551937.7	*	255.	331. AG	145.	100.0	.0	24.0	1.00 13.0
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	175.	3.1	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	175.	3.1	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	175.	3.1	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	175.	3.1	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	175.	3.1	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	175.	3.1	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	175.	3.1	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	175.	3.1	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2300.	3.3	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2300.	3.3	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2300.	3.3	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238225.1	551831.6	*	239.	60. AG	102.	100.0	.0	36.0	.75 12.1
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2100.	3.3	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2100.	3.3	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	975.	3.3	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237841.6	551556.8	*	85.	241. AG	153.	100.0	.0	48.0	.26 4.3
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	975.	3.3	.0	68.0	

JOB: S13 NB15 AM 118CRYRCK
DATE: 12/27/2006 TIME: 15:26:04.71

RUN: S13 NB15 AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	150	131	2.0	475	1528	33.40	2	3
20. 11	SB CR TQ	150	121	2.0	50	1723	33.40	2	3
22. 11	SB CR LQ	150	121	2.0	575	1717	33.40	2	3
34. 32	WB 118 TQ	150	57	2.0	2300	1723	33.40	2	3
38. 35	E 118 TQ	150	64	2.0	975	1709	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13 NB15 AM 118CRYRCK

RUN: S13 NB15 AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.1	.0
5.	.0	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.0
10.	.0	.1	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.1
15.	.0	.0	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.1
20.	.0	.0	.3	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.1	.1
25.	.0	.0	.3	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.1	.1
30.	.0	.0	.2	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.1	.1
35.	.0	.0	.1	.3	.4	.2	.2	.0	.1	.1	.0	.0	.0	.0	.1	.3	.3	.2	.1	.1
40.	.0	.0	.1	.3	.5	.2	.2	.0	.1	.1	.0	.0	.0	.0	.1	.3	.3	.2	.1	.1
45.	.0	.0	.1	.4	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.1	.3	.3	.2	.1	.2
50.	.0	.0	.0	.1	.4	.4	.2	.2	.2	.1	.0	.0	.0	.0	.1	.3	.3	.2	.2	.2
55.	.0	.0	.0	.1	.4	.3	.2	.2	.3	.4	.2	.0	.0	.0	.1	.3	.3	.3	.4	.3
60.	.0	.0	.0	.1	.1	.1	.2	.3	.5	.5	.2	.0	.0	.0	.1	.3	.3	.3	.3	.4
65.	.0	.0	.0	.1	.1	.1	.1	.4	.6	.7	.4	.0	.0	.0	.1	.3	.3	.3	.5	.4
70.	.0	.0	.0	.1	.1	.1	.1	.5	.8	.7	.6	.0	.0	.0	.1	.3	.3	.5	.5	.5
75.	.0	.0	.0	.0	.1	.0	.0	.5	.7	.8	.5	.0	.0	.0	.1	.3	.3	.5	.5	.5
80.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.8	.5	.0	.0	.0	.1	.3	.4	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.7	.6	.2	.0	.0	.1	.3	.5	.5	.3	.4
90.	.0	.0	.0	.0	.0	.0	.0	.5	.7	.7	.6	.2	.0	.0	.1	.3	.6	.4	.3	.6
95.	.0	.0	.0	.0	.0	.0	.0	.5	.8	.7	.6	.2	.0	.0	.1	.4	.6	.3	.5	.6
100.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.7	.5	.2	.0	.0	.1	.5	.6	.2	.5	.6
105.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.7	.5	.2	.2	.0	.1	.5	.6	.2	.5	.5
110.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.7	.5	.2	.2	.0	.1	.6	.6	.2	.5	.5
115.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.5	.2	.2	.0	.1	.6	.5	.3	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2	.0	.1	.5	.5	.3	.6	.5
125.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.2	.2	.0	.2	.5	.7	.4	.7	.4
130.	.1	.0	.0	.0	.0	.0	.0	.3	.6	.6	.4	.2	.2	.0	.2	.4	.6	.4	.7	.4
135.	.1	.1	.1	.1	.0	.0	.0	.3	.6	.6	.4	.3	.2	.0	.3	.4	.4	.4	.7	.4
140.	.2	.2	.2	.1	.0	.0	.0	.3	.6	.6	.5	.2	.2	.0	.3	.3	.5	.4	.6	.4
145.	.3	.3	.3	.2	.0	.0	.0	.3	.6	.6	.6	.3	.2	.2	.3	.4	.5	.5	.6	.4
150.	.4	.4	.4	.3	.1	.0	.0	.4	.6	.7	.5	.3	.3	.2	.3	.2	.4	.6	.6	.3
155.	.6	.5	.6	.4	.1	.0	.0	.4	.6	.7	.6	.3	.3	.2	.3	.3	.5	.5	.3	.3
160.	.6	.6	.6	.5	.1	.1	.0	.3	.7	.7	.6	.3	.2	.2	.1	.3	.3	.5	.4	.3
165.	.7	.6	.7	.5	.2	.1	.0	.3	.7	.8	.5	.2	.3	.2	.0	.2	.2	.5	.4	.3
170.	.7	.6	.7	.5	.2	.1	.0	.3	.7	.8	.4	.2	.3	.1	.0	.1	.2	.5	.4	.3
175.	.8	.6	.6	.5	.2	.1	.0	.4	.7	.8	.3	.2	.3	.1	.0	.1	.2	.5	.3	.3
180.	.7	.7	.6	.5	.2	.1	.1	.4	.7	.8	.3	.4	.4	.1	.0	.1	.2	.5	.3	.3
185.	.6	.7	.6	.4	.2	.1	.1	.4	.8	.8	.3	.4	.4	.1	.0	.1	.1	.5	.3	.3
190.	.6	.6	.6	.4	.2	.1	.1	.5	.8	.8	.2	.4	.4	.0	.0	.1	.1	.4	.3	.3
195.	.5	.6	.5	.4	.2	.1	.1	.5	.8	.8	.3	.4	.4	.0	.0	.1	.1	.4	.3	.3
200.	.5	.6	.5	.4	.2	.1	.1	.5	.9	.8	.4	.5	.4	.0	.0	.1	.1	.4	.3	.4
205.	.5	.6	.5	.4	.2	.1	.1	.5	.9	.8	.4	.4	.4	.0	.0	.1	.1	.4	.4	.4

1

JOB: S13 NB15 AM 118CRYRCK

RUN: S13 NB15 AM 118 CRYRCK

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.5	.5	.5	.3	.2	.1	.1	.5	.9	.6	.4	.4	.4	.0	.0	.0	.1	.3	.4	.4
215.	.5	.4	.5	.3	.1	.1	.1	.5	.8	.5	.4	.4	.4	.0	.0	.0	.1	.3	.4	.4
220.	.5	.4	.5	.3	.1	.1	.1	.6	.8	.7	.5	.4	.3	.0	.0	.0	.1	.3	.4	.4
225.	.5	.4	.5	.3	.1	.1	.1	.6	.7	.8	.5	.4	.3	.0	.0	.0	.0	.3	.4	.4
230.	.5	.4	.4	.3	.1	.1	.1	.6	.7	.7	.4	.4	.3	.0	.0	.0	.0	.3	.4	.5
235.	.5	.4	.4	.3	.2	.2	.1	.5	.6	.5	.4	.3	.3	.0	.0	.0	.0	.2	.5	.5
240.	.6	.4	.5	.4	.5	.2	.1	.4	.6	.4	.2	.3	.3	.0	.0	.0	.0	.1	.3	.3
245.	.6	.4	.5	.4	.4	.3	.3	.4	.4	.4	.2	.3	.3	.0	.0	.0	.0	.1	.2	.3
250.	.6	.4	.4	.4	.4	.2	.3	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.1	.1
255.	.6	.4	.5	.4	.4	.3	.3	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.1	.1
260.	.6	.4	.6	.3	.3	.3	.3	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.1
265.	.6	.4	.8	.3	.3	.4	.4	.0	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
270.	.6	.4	.8	.4	.3	.3	.4	.0	.2	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
275.	.6	.6	.9	.3	.2	.4	.4	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
280.	.6	.6	.8	.2	.3	.4	.2	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
285.	.6	.8	.8	.2	.4	.4	.2	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
290.	.6	.8	.8	.2	.4	.4	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
295.	.7	.8	.8	.4	.4	.4	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
300.	.7	.8	.7	.4	.4	.4	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
305.	.7	.6	.7	.3	.4	.3	.2	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
310.	.7	.5	.7	.3	.4	.3	.2	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
315.	.8	.6	.6	.4	.4	.3	.2	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
320.	.7	.5	.5	.3	.4	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.7	.5	.5	.3	.4	.3	.2	.0	.0	.0	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0
330.	.6	.4	.5	.3	.4	.3	.2	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.0	.0
335.	.5	.4	.3	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
340.	.3	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0
345.	.2	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.0	.0
350.	.1	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.0
355.	.0	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0
360.	.0	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.1	.0
MAX DEGR.	.8	.8	.9	.5	.5	.4	.4	.6	.9	.8	.6	.5	.4	.2	.3	.6	.7	.6	.7	.6

1

JOB: S13 NB15 AM 118CRYRCK

RUN: S13 NB15 AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.3	.7	.3	.2	.3	.4	
5.	.0	.2	.3	.8	.4	.2	.5	.4	
10.	.0	.2	.3	.8	.3	.3	.5	.3	
15.	.0	.2	.4	.8	.2	.4	.5	.3	
20.	.0	.2	.4	.8	.2	.4	.4	.3	
25.	.0	.2	.4	.7	.3	.5	.3	.3	
30.	.0	.2	.4	.7	.4	.5	.3	.3	
35.	.0	.2	.4	.8	.4	.5	.3	.3	
40.	.1	.3	.5	.8	.4	.3	.3	.3	
45.	.1	.3	.6	.7	.3	.3	.2	.3	
50.	.1	.3	.5	.7	.3	.2	.2	.3	
55.	.2	.3	.5	.6	.4	.2	.2	.3	
60.	.3	.1	.3	.4	.2	.2	.3	.3	
65.	.3	.1	.3	.4	.2	.2	.3	.3	
70.	.4	.1	.3	.3	.1	.2	.2	.3	
75.	.5	.2	.1	.1	.2	.2	.2	.3	
80.	.5	.1	.1	.1	.2	.2	.2	.3	
85.	.5	.1	.1	.1	.2	.2	.3	.3	
90.	.5	.1	.1	.1	.2	.2	.3	.3	
95.	.5	.1	.1	.1	.2	.3	.3	.3	
100.	.5	.1	.1	.1	.2	.3	.3	.3	
105.	.5	.1	.1	.1	.2	.3	.3	.3	
110.	.5	.1	.1	.1	.2	.3	.3	.3	
115.	.4	.1	.1	.2	.2	.3	.3	.3	
120.	.4	.1	.1	.2	.2	.3	.3	.4	
125.	.4	.1	.1	.2	.3	.3	.3	.4	
130.	.3	.0	.1	.2	.3	.3	.3	.4	
135.	.3	.0	.1	.1	.3	.3	.3	.4	
140.	.3	.0	.1	.1	.3	.3	.3	.4	
145.	.3	.0	.0	.1	.2	.3	.3	.3	
150.	.3	.0	.0	.1	.2	.2	.2	.3	
155.	.3	.0	.0	.0	.1	.2	.2	.2	
160.	.3	.0	.0	.0	.1	.1	.1	.1	
165.	.3	.0	.0	.0	.0	.0	.0	.1	
170.	.3	.0	.0	.0	.0	.0	.0	.0	
175.	.3	.0	.0	.0	.0	.0	.0	.0	
180.	.3	.0	.0	.0	.0	.0	.0	.0	
185.	.3	.0	.0	.0	.0	.0	.0	.0	
190.	.3	.0	.0	.0	.0	.0	.0	.0	
195.	.4	.0	.0	.0	.0	.0	.0	.0	
200.	.4	.0	.0	.0	.0	.0	.0	.0	
205.	.4	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 NB15 AM 118CRYRCK

RUN: S13 NB15 AM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0	
215.	.5	.0	.0	.0	.0	.0	.0	.0	
220.	.5	.0	.0	.0	.0	.0	.0	.0	
225.	.5	.1	.0	.0	.0	.0	.0	.0	
230.	.4	.1	.1	.1	.0	.0	.0	.0	
235.	.3	.1	.1	.1	.1	.0	.0	.0	
240.	.3	.1	.1	.1	.2	.0	.0	.0	
245.	.3	.3	.3	.2	.2	.0	.0	.0	
250.	.2	.3	.3	.4	.3	.0	.0	.0	
255.	.2	.3	.4	.3	.4	.0	.0	.0	
260.	.0	.3	.4	.3	.4	.1	.0	.0	
265.	.0	.3	.2	.2	.5	.2	.0	.0	
270.	.0	.2	.2	.2	.5	.2	.0	.0	
275.	.0	.2	.2	.2	.6	.2	.0	.0	
280.	.0	.2	.2	.3	.6	.2	.1	.0	
285.	.0	.2	.2	.3	.6	.2	.1	.0	
290.	.0	.2	.2	.3	.6	.2	.1	.0	
295.	.0	.3	.2	.3	.6	.2	.1	.0	
300.	.0	.2	.2	.3	.5	.2	.2	.0	
305.	.0	.2	.2	.4	.5	.2	.2	.0	
310.	.0	.2	.2	.4	.5	.2	.2	.0	
315.	.0	.2	.2	.4	.4	.2	.2	.0	
320.	.0	.2	.2	.5	.4	.2	.2	.0	
325.	.0	.2	.2	.5	.5	.3	.2	.1	
330.	.0	.2	.2	.6	.4	.2	.1	.1	
335.	.0	.2	.2	.6	.4	.2	.1	.2	
340.	.0	.2	.2	.6	.3	.1	.2	.3	
345.	.0	.2	.2	.7	.4	.1	.2	.3	
350.	.0	.2	.2	.7	.3	.1	.2	.3	
355.	.0	.2	.2	.7	.3	.2	.3	.4	
360.	.0	.2	.3	.7	.3	.2	.3	.4	

THE HIGHEST CONCENTRATION IS .90 PPM AT 275 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 200 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 285 DEGREES FROM REC2 .

1

JOB: S13 NB15 AM 118CRYRCK
DATE: 12/27/2006 TIME: 15:26:04.71

S13NB15A.OUT
RUN: S13 NB15 AM 118 CRYRCK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 175	REC2 285	REC3 275	REC4 160	REC5 40	REC6 15	REC7 265	REC8 220	REC9 200	REC10 75	REC11 70	REC12 200	REC13 180	REC14 145	REC15 135	REC16 110	REC17 125	REC18 150	REC19 125	REC20 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.7	.5	.5	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.4	.3	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.1	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.1	.1	.4	.3	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
35	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.3
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
38	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.1
39	*	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 NB15 AM 118CRYRCK
DATE: 12/27/2006 TIME: 15:26:04.71

RUN: S13 NB15 AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 75	REC22 40	REC23 45	REC24 5	REC25 275	REC26 25	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.2	.3	.4
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.0	.0	.1	.1	.0
34	*	.0	.0	.1	.0	.0	.1	.1	.0
35	*	.4	.1	.1	.1	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.1	.1	.1	.0	.0	.0
38	*	.0	.0	.2	.5	.4	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.1	.0	.0

S13NB15P.DAT

S13	NB15	PM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC 1400'	SE CORNER	238219.	551265.	5.			
REC 2 164'	SE CORNER	238112.	551475.	5.			
REC 3 82'	SE CORNER	238073.	551546.	5.			
REC 4	SE CORNER	238047.	551623.	5.			
REC 5 82'	ES CORNER	238123.	551675.	5.			
REC 6 164'	ES CORNER	238193.	551712.	5.			
REC 7 400'	ES CORNER	238399.	551825.	5.			
REC 8 400'	EN CORNER	238346.	551927.	5.			
REC 9 164'	EN CORNER	238145.	551818.	5.			
REC 10 82'	EN CORNER	238074.	551780.	5.			
REC 11	NE CORNER	237986.	551746.	5.			
REC 12 82'	NE CORNER	237925.	551811.	5.			
REC 13 164'	NE CORNE	237885.	551884.	5.			
REC 14 400'	NE CORNE	237778.	552095.	5.			
REC 15 400'	NW CORNE	237681.	552061.	5.			
REC 16 164'	NW CORNE	237804.	551851.	5.			
REC 17 82'	NW CORNER	237840.	551788.	5.			
REC 18	NW CORNER	237870.	551688.	5.			
REC 19 82'	WN CORNER	237813.	551636.	5.			
REC 20 164'	WN CORNE	237736.	551594.	5.			
REC 21 400'	WN CORNE	237524.	551477.	5.			
REC 22 400'	WSCORNER	237589.	551382.	5.			
REC 23 164'	WSCORNER	237795.	551494.	5.			
REC 24 82'	WSCORNER	237866.	551533.	5.			
REC 25	SW CORNER	237943.	551565.	5.			
REC 26 82'	SW CORNER	237999.	551501.	5.			
REC 27 164'	SW CORNE	238040.	551430.	5.			
REC 28 400'	SW CORNE	238161.	551225.	5.			

S13	NB15	PM	118	CRYRCK	39	1	1

1							
1	NB	CR	AG238136.550647.238123.550715.	250	3.1	0. 32.	35.
2							
2	NB	CR	AG238123.550715.238124.550780.	250	3.1	0. 32.	35.
3							
3	NB	CR	AG238124.550780.238151.550871.	250	3.1	0. 32.	35.
4							
4	NB	CR	AG238151.550871.238214.550972.	250	3.1	0. 32.	35.
5							
5	NB	CR	AG238214.550972.238235.551048.	250	3.1	0. 32.	35.
6							
6	NB	CR	AG238235.551048.238239.551129.	250	3.1	0. 32.	35.
7							
7	NB	CR	AG238239.551129.238211.551241.	250	3.1	0. 32.	35.
8							
8	NB	CR	AG238211.551241.238122.551402.	250	3.1	0. 44.	35.
9							
9	NB	CR	AG238122.551402.238062.551518.	250	3.1	0. 44.	35.
10							
10	NB	CR	AG238062.551518.237985.551664.	250	3.1	0. 44.	35.
11							
11	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2	
90		81	2.0 250 33.4 1576 2 3				
12							
12	NB	CR	AG237985.551664.237834.551929.	475	3.1	0. 44.	35.
13							
13	NB	CR	AG237834.551929.237644.552319.	475	3.1	0. 44.	35.
14							
14	NB	CR	AG237644.552319.237535.552511.	475	3.1	0. 44.	35.
15							
15	NB	CR	AG237535.552511.237498.552627.	475	3.1	0. 44.	35.
16							
16	SB	CR	AG237429.552593.237453.552511.	200	3.1	0. 44.	35.
17							
17	SB	CR	AG237453.552511.237632.552185.	200	3.1	0. 44.	35.
18							
18	SB	CR	AG237632.552185.237799.551908.	200	3.1	0. 44.	35.
36							
36	SB	CR T	AG237799.551908.237953.551648.	50	3.1	0. 32.	35.
11							
11	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1	
90		61	2.0 50 33.4 1723 2 3				
38							
38	SB	CR L	AG237858.551830.237948.551669.	150	3.1	0. 44.	35.
11							
11	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2	
90		61	2.0 150 33.4 1717 2 3				
21							
21	SB	CR	AG237953.551648.238072.551418.	450	3.1	0. 56.	35.
22							
22	SB	CR	AG238072.551418.238159.551282.	450	3.1	0. 56.	35.
23							
23	SB	CR	AG238159.551282.238207.551180.	450	3.1	0. 56.	35.
24							
24	SB	CR	AG238207.551180.238220.551099.	450	3.1	0. 56.	35.
25							
25	SB	CR	AG238220.551099.238210.551002.	450	3.1	0. 56.	35.
26							
26	SB	CR	AG238210.551002.238122.550854.	450	3.1	0. 56.	35.
27							
27	SB	CR	AG238122.550854.238103.550762.	450	3.1	0. 56.	35.
28							
28	SB	CR	AG238103.550762.238116.550642.	450	3.1	0. 56.	35.
29							
29	WB	118	AG238860.552200.238426.551937.	2050	3.3	0. 56.	40.
30							
30	WB	118	AG238426.551937.238223.551830.	2050	3.3	0. 56.	40.
30							
30	WB	118 T	AG238223.551830.237955.551674.	2050	3.3	0. 68.	40.
32							
32	WB	118 TQ	AG238019.551711.238142.551783.	0.	36.	3	
90		45	2.0 2050 33.4 1723 2 3				
33							
33	WB	118	AG237955.551674.237496.551431.	1175	3.3	0. 56.	40.
34							
34	WB	118	AG237496.551431.237026.551174.	1175	3.3	0. 56.	40.

Page 1

				S13NB15P.DAT				
1								
34	EB 118	AG237061.551123.237978.551633.	1450	3.3	0.68.	40.		
2								
35	E 118 TQ	AG237916.551598.237725.551492.	0.48.	4				
	90	61 2.0 1450 33.4 1361 2 3						
1								
37	EB 118	AG237978.551633.238891.552144.	975	3.3	0.68.	40.		
1.0	0.4 1000. 0.0Y	5 0 72						

JOB: S13 NB15 PM 118CRYRCK
DATE: 12/27/2006 TIME: 15:27:28.75

RUN: S13 NB15 PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	250.	3.1	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	250.	3.1	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	250.	3.1	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	250.	3.1	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	250.	3.1	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	250.	3.1	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	250.	3.1	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	250.	3.1	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	250.	3.1	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	250.	3.1	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238239.4	551179.1	*	481.	152. AG	161. 100.0	.0	24.0	1.44	24.4
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	475.	3.1	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	475.	3.1	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	475.	3.1	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	475.	3.1	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	3.1	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	3.1	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	3.1	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	3.1	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237885.2	551743.8	*	17.	332. AG	61. 100.0	.0	12.0	.10	.8
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	3.1	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237909.9	551735.9	*	25.	331. AG	121. 100.0	.0	24.0	.16	1.3
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	450.	3.1	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	450.	3.1	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	450.	3.1	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	450.	3.1	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	450.	3.1	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	450.	3.1	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	450.	3.1	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	450.	3.1	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2050.	3.3	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2050.	3.3	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2050.	3.3	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238172.0	551800.5	*	177.	60. AG	134. 100.0	.0	36.0	.87	9.0
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1175.	3.3	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1175.	3.3	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1450.	3.3	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237770.2	551517.1	*	167.	241. AG	243. 100.0	.0	48.0	.96	8.5
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	975.	3.3	.0	68.0	

JOB: S13 NB15 PM 118CRYRCK
DATE: 12/27/2006 TIME: 15:27:28.75

RUN: S13 NB15 PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	90	81	2.0	250	1576	33.40	2	3
20. 11	SB CR TQ	90	61	2.0	50	1723	33.40	2	3
22. 11	SB CR LQ	90	61	2.0	150	1717	33.40	2	3
34. 32	WB 118 TQ	90	45	2.0	2050	1723	33.40	2	3
38. 35	E 118 TQ	90	61	2.0	1450	1361	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13 NB15 PM 118CRYRCK

RUN: S13 NB15 PM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.2	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.2	.4	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.3	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.3	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.0	.1	.3	.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.0	.1	.3	.4	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.0	.1	.3	.3	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.0	.1	.3	.4	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
55.	.0	.0	.0	.1	.2	.3	.2	.2	.2	.4	.1	.0	.0	.0	.0	.0	.0	.3	.2	.1
60.	.0	.0	.0	.1	.1	.1	.1	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.3	.3	.3
65.	.0	.0	.0	.1	.1	.1	.1	.3	.4	.5	.2	.0	.0	.0	.0	.0	.0	.3	.4	.3
70.	.0	.0	.0	.1	.1	.1	.1	.5	.5	.6	.5	.0	.0	.0	.0	.0	.0	.4	.4	.4
75.	.0	.0	.0	.0	.1	.0	.0	.5	.4	.8	.5	.0	.0	.0	.0	.0	.0	.3	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.8	.6	.0	.0	.0	.0	.0	.0	.3	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.8	.6	.2	.0	.0	.0	.0	.2	.3	.2	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.8	.6	.2	.0	.0	.0	.0	.2	.3	.2	.7
95.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.8	.6	.2	.0	.0	.0	.0	.2	.3	.4	.7
100.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.8	.6	.2	.0	.0	.0	.1	.2	.2	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.2	.1	.0	.0	.2	.2	.2	.5	.7
110.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.2	.2	.0	.0	.2	.2	.2	.5	.7
115.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.6	.2	.2	.0	.0	.2	.2	.2	.6	.7
120.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.5	.2	.2	.0	.0	.2	.1	.2	.6	.7
125.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.5	.2	.2	.0	.0	.1	.2	.4	.6	.7
130.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.5	.2	.2	.0	.0	.1	.2	.4	.7	.7
135.	.0	.1	.1	.0	.0	.0	.0	.3	.6	.7	.5	.2	.2	.0	.0	.1	.1	.4	.7	.6
140.	.1	.1	.2	.1	.0	.0	.0	.3	.6	.7	.5	.3	.3	.0	.1	.1	.1	.5	.7	.5
145.	.1	.2	.3	.1	.0	.0	.0	.3	.7	.7	.5	.2	.2	.0	.1	.1	.1	.4	.6	.5
150.	.1	.3	.4	.2	.0	.0	.0	.3	.7	.7	.6	.4	.3	.1	.1	.2	.2	.4	.6	.5
155.	.2	.4	.5	.3	.0	.0	.0	.3	.7	.8	.5	.4	.2	.2	.1	.2	.2	.5	.6	.4
160.	.3	.5	.6	.4	.1	.0	.0	.3	.7	.8	.5	.3	.2	.2	.1	.1	.2	.4	.6	.4
165.	.4	.6	.6	.4	.1	.0	.0	.3	.7	.8	.4	.3	.2	.2	.1	.1	.1	.5	.6	.3
170.	.5	.6	.7	.5	.1	.1	.0	.3	.8	.8	.4	.2	.2	.2	.1	.1	.2	.5	.6	.3
175.	.5	.6	.6	.5	.2	.1	.0	.3	.8	.9	.3	.3	.2	.2	.0	.1	.2	.5	.6	.2
180.	.5	.6	.6	.5	.2	.1	.0	.3	.8	.9	.3	.3	.2	.2	.0	.1	.2	.5	.6	.2
185.	.6	.6	.6	.4	.2	.1	.0	.3	.8	.9	.3	.3	.2	.1	.0	.1	.2	.5	.6	.2
190.	.6	.5	.6	.4	.2	.1	.0	.3	.8	.8	.3	.5	.2	.1	.0	.1	.1	.5	.5	.2
195.	.5	.5	.5	.4	.2	.1	.0	.4	.8	.8	.3	.6	.2	.1	.0	.0	.2	.5	.5	.2
200.	.5	.5	.5	.4	.2	.1	.1	.5	1.0	.9	.3	.5	.2	.1	.0	.0	.2	.5	.4	.2
205.	.5	.5	.5	.4	.2	.1	.1	.5	1.0	.9	.5	.5	.2	.1	.0	.0	.2	.5	.4	.2

1

JOB: S13 NB15 PM 118CRYRCK

RUN: S13 NB15 PM 118 CRYRCK

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.5	.5	.5	.4	.2	.1	.1	.5	1.0	.8	.5	.4	.1	.1	.0	.0	.1	.4	.4	.3
215.	.5	.5	.5	.3	.2	.1	.1	.5	1.0	.8	.5	.3	.0	.0	.0	.0	.1	.4	.4	.3
220.	.5	.5	.5	.3	.1	.1	.1	.5	.9	.8	.5	.1	.0	.0	.0	.0	.1	.3	.3	.3
225.	.5	.5	.5	.3	.1	.1	.1	.6	.9	.8	.5	.1	.0	.0	.0	.0	.0	.3	.3	.3
230.	.5	.4	.5	.5	.2	.1	.1	.7	.9	.7	.4	.0	.0	.0	.0	.0	.0	.2	.3	.3
235.	.5	.4	.5	.4	.4	.4	.1	.5	.8	.6	.3	.1	.1	.0	.0	.0	.0	.2	.3	.3
240.	.5	.4	.5	.5	.4	.4	.2	.4	.7	.6	.4	.1	.1	.1	.0	.0	.0	.1	.2	.2
245.	.5	.4	.5	.4	.4	.3	.4	.4	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1
250.	.5	.4	.7	.6	.5	.3	.3	.2	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1
255.	.5	.4	.7	.7	.4	.4	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.5	.5	.7	.5	.4	.4	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.5	.6	.8	.4	.3	.3	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.5	.7	.8	.4	.2	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
275.	.5	.7	.8	.4	.2	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.5	.7	.8	.4	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.5	.8	.8	.3	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.6	.7	.7	.1	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.6	.6	.7	.2	.3	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.7	.6	.7	.2	.4	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.7	.7	.5	.2	.4	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.8	.6	.4	.2	.4	.4	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.8	.5	.4	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
320.	.7	.4	.3	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
325.	.6	.4	.3	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
330.	.5	.3	.3	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
335.	.4	.2	.2	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
340.	.3	.3	.3	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.3	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.2	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.8	.8	.8	.7	.5	.4	.4	.7	1.0	.9	.6	.6	.3	.2	.1	.2	.2	.5	.7	.7

1

JOB: S13 NB15 PM 118CRYRCK

RUN: S13 NB15 PM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.9	.9	.1	.3	.5	.4
5.	.0	.3	1.1	1.0	.1	.4	.6	.4
10.	.0	.3	1.1	1.1	.2	.5	.6	.3
15.	.0	.3	1.1	1.1	.2	.5	.5	.3
20.	.0	.3	1.1	1.1	.3	.5	.5	.3
25.	.0	.3	1.2	1.0	.3	.5	.4	.3
30.	.0	.3	1.2	1.0	.4	.5	.3	.3
35.	.0	.3	1.2	1.0	.4	.4	.3	.3
40.	.0	.4	1.2	1.0	.4	.3	.3	.3
45.	.1	.4	1.2	1.0	.4	.3	.3	.3
50.	.1	.4	1.1	.9	.4	.2	.3	.3
55.	.1	.4	1.1	.7	.4	.2	.3	.3
60.	.3	.3	.7	.5	.2	.2	.3	.3
65.	.3	.3	.5	.4	.2	.2	.3	.3
70.	.4	.2	.4	.3	.1	.2	.3	.3
75.	.4	.3	.3	.3	.2	.2	.3	.3
80.	.4	.2	.2	.1	.2	.2	.3	.3
85.	.5	.1	.1	.1	.2	.3	.3	.3
90.	.5	.1	.1	.1	.2	.3	.3	.3
95.	.5	.1	.1	.1	.2	.3	.3	.3
100.	.4	.1	.1	.1	.2	.3	.3	.3
105.	.3	.0	.1	.1	.2	.4	.3	.3
110.	.2	.0	.1	.1	.2	.4	.3	.3
115.	.2	.0	.1	.1	.2	.4	.3	.2
120.	.2	.0	.1	.1	.2	.4	.3	.3
125.	.2	.0	.1	.1	.3	.4	.3	.1
130.	.2	.0	.0	.1	.2	.4	.3	.1
135.	.2	.0	.0	.1	.2	.4	.3	.1
140.	.2	.0	.0	.1	.2	.2	.2	.0
145.	.2	.0	.0	.0	.1	.2	.2	.0
150.	.2	.0	.0	.0	.1	.1	.1	.0
155.	.2	.0	.0	.0	.1	.1	.1	.0
160.	.2	.0	.0	.0	.0	.0	.0	.0
165.	.2	.0	.0	.0	.0	.0	.0	.0
170.	.2	.0	.0	.0	.0	.0	.0	.0
175.	.2	.0	.0	.0	.0	.0	.0	.0
180.	.2	.0	.0	.0	.0	.0	.0	.0
185.	.2	.0	.0	.0	.0	.0	.0	.0
190.	.2	.0	.0	.0	.0	.0	.0	.0
195.	.2	.0	.0	.0	.0	.0	.0	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 NB15 PM 118CRYRCK

RUN: S13 NB15 PM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0
215.	.3	.0	.0	.0	.0	.0	.0	.0
220.	.3	.1	.0	.0	.0	.0	.0	.0
225.	.3	.1	.1	.2	.0	.0	.0	.0
230.	.3	.1	.1	.2	.2	.0	.0	.0
235.	.3	.2	.2	.3	.2	.0	.0	.0
240.	.2	.2	.2	.4	.3	.0	.0	.0
245.	.2	.2	.2	.5	.5	.0	.0	.0
250.	.1	.4	.3	.8	.6	.1	.0	.0
255.	.0	.4	.3	1.0	.8	.1	.0	.0
260.	.0	.3	.3	.9	.9	.2	.0	.0
265.	.0	.3	.3	1.0	1.0	.2	.1	.0
270.	.0	.3	.4	1.1	1.0	.2	.1	.0
275.	.0	.3	.4	1.1	1.0	.3	.1	.0
280.	.0	.3	.4	1.1	1.0	.3	.2	.0
285.	.0	.3	.4	1.1	.9	.4	.2	.0
290.	.0	.2	.5	1.1	.8	.4	.1	.0
295.	.0	.2	.5	1.1	.8	.4	.2	.0
300.	.0	.2	.4	.9	.7	.4	.2	.0
305.	.0	.1	.5	.9	.7	.3	.2	.1
310.	.0	.2	.5	.9	.6	.3	.2	.1
315.	.0	.2	.6	.9	.6	.3	.1	.1
320.	.0	.2	.7	.9	.5	.2	.1	.1
325.	.0	.2	.8	.9	.4	.2	.1	.2
330.	.0	.3	.9	1.0	.4	.2	.2	.1
335.	.0	.3	.9	1.0	.3	.1	.1	.2
340.	.0	.2	.9	.9	.3	.2	.2	.3
345.	.0	.2	.9	.9	.2	.1	.2	.3
350.	.0	.2	.9	.9	.2	.1	.3	.4
355.	.0	.2	.9	.9	.2	.3	.3	.4
360.	.0	.2	.9	.9	.1	.3	.5	.4

MAX DEGR.	85	40	25	10	265	10	5	0
	.5	.4	1.2	1.1	1.0	.5	.6	.4

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 25 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 10 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 200 DEGREES FROM REC9 .

1

JOB: S13 NB15 PM 118CRYRCK
DATE: 12/27/2006 TIME: 15:27:28.75

S13NB15P.OUT
RUN: S13 NB15 PM 118 CRYRCK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 310	REC2 285	REC3 265	REC4 255	REC5 250	REC6 45	REC7 245	REC8 230	REC9 200	REC10 175	REC11 80	REC12 195	REC13 140	REC14 155	REC15 140	REC16 105	REC17 85	REC18 140	REC19 130	REC20 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.7	.5	.5	.1	.0	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.0	.0	.2	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.0	.1	.0	.0	.1	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.3	.0	.1	.0	.0	.1	.1	.0	.0	.0
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
38	*	.1	.2	.2	.3	.2	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.4	.3
39	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 NB15 PM 118CRYRCK
DATE: 12/27/2006 TIME: 15:27:28.75

RUN: S13 NB15 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 85	REC22 40	REC23 25	REC24 10	REC25 265	REC26 10	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.0	.0	.0	.0	.2	.3	.4
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.1	.1	.0
34	*	.0	.0	.0	.0	.0	.1	.1	.0
35	*	.2	.1	.1	.1	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.2	.2	.2	.0	.0	.0
38	*	.1	.1	.9	.8	.7	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0

13B115BA

S13	B115	BRT	AM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC 1400'	SE CORNER	238219.	551265.	5.				
REC 2 164'	SE CORNER	238112.	551475.	5.				
REC 3 82'	SE CORNER	238073.	551546.	5.				
REC 4	SE CORNER	238047.	551623.	5.				
REC 5 82'	ES CORNER	238123.	551675.	5.				
REC 6 164'	ES CORNER	238193.	551712.	5.				
REC 7 400'	ES CORNER	238399.	551825.	5.				
REC 8 400'	EN CORNER	238346.	551927.	5.				
REC 9 164'	EN CORNER	238145.	551818.	5.				
REC 10 82'	EN CORNER	238074.	551780.	5.				
REC 11	NE CORNER	237986.	551746.	5.				
REC 12 82'	NE CORNER	237925.	551811.	5.				
REC 13 164'	NE CORNE	237885.	551884.	5.				
REC 14 400'	NE CORNE	237778.	552095.	5.				
REC 15 400'	NW CORNE	237681.	552061.	5.				
REC 16 164'	NW CORNE	237804.	551851.	5.				
REC 17 82'	NW CORNER	237840.	551788.	5.				
REC 18	NW CORNER	237870.	551688.	5.				
REC 19 82'	WN CORNER	237813.	551636.	5.				
REC 20 164'	WN CORNE	237736.	551594.	5.				
REC 21 400'	WN CORNE	237524.	551477.	5.				
REC 22 400'	WSCORNER	237589.	551382.	5.				
REC 23 164'	WSCORNER	237795.	551494.	5.				
REC 24 82'	WSCORNER	237866.	551533.	5.				
REC 25	SW CORNER	237943.	551565.	5.				
REC 26 82'	SW CORNER	237999.	551501.	5.				
REC 27 164'	SW CORNE	238040.	551430.	5.				
REC 28 400'	SW CORNE	238161.	551225.	5.				

S13	B115	BRT	AM	118	CRYRCK	45	1	1

1								
1	NB	CR	AG238136.550647.238123.550715.	225	3.1	0.	32.	35.
2								
1	NB	CR	AG238123.550715.238124.550780.	225	3.1	0.	32.	35.
3								
1	NB	CR	AG238124.550780.238151.550871.	225	3.1	0.	32.	35.
4								
1	NB	CR	AG238151.550871.238214.550972.	225	3.1	0.	32.	35.
5								
1	NB	CR	AG238214.550972.238235.551048.	225	3.1	0.	32.	35.
6								
1	NB	CR	AG238235.551048.238239.551129.	225	3.1	0.	32.	35.
7								
1	NB	CR	AG238239.551129.238211.551241.	225	3.1	0.	32.	35.
8								
1	NB	CR	AG238211.551241.238122.551402.	225	3.1	0.	44.	35.
9								
1	NB	CR	AG238122.551402.238062.551518.	225	3.1	0.	44.	35.
10								
2	NB	CR	AG238062.551518.237985.551664.	225	3.1	0.	44.	35.
11								
90	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2		
			2.0 225 33.4 1555 2 3					
12								
1	NB	CR	AG237985.551664.237834.551929.	525	3.1	0.	44.	35.
13								
1	NB	CR	AG237834.551929.237644.552319.	525	3.1	0.	44.	35.
14								
1	NB	CR	AG237644.552319.237535.552511.	525	3.1	0.	44.	35.
15								
1	NB	CR	AG237535.552511.237498.552627.	525	3.1	0.	44.	35.
16								
1	SB	CR	AG237429.552593.237453.552511.	200	3.1	0.	44.	35.
17								
1	SB	CR	AG237453.552511.237632.552185.	200	3.1	0.	44.	35.
18								
1	SB	CR	AG237632.552185.237799.551908.	200	3.1	0.	44.	35.
36								
1	SB	CR T	AG237799.551908.237953.551648.	25	3.1	0.	32.	35.
11								
2	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1		
90			2.0 25 33.4 1723 2 3					
38								
1	SB	CR L	AG237858.551830.237948.551669.	150	3.1	0.	44.	35.
11								
2	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2		
90			2.0 150 33.4 1717 2 3					
21								
1	SB	CR	AG237953.551648.238072.551418.	375	3.1	0.	56.	35.
22								
1	SB	CR	AG238072.551418.238159.551282.	375	3.1	0.	56.	35.
23								
1	SB	CR	AG238159.551282.238207.551180.	375	3.1	0.	56.	35.
24								
1	SB	CR	AG238207.551180.238220.551099.	375	3.1	0.	56.	35.
25								
1	SB	CR	AG238220.551099.238210.551002.	375	3.1	0.	56.	35.
26								
1	SB	CR	AG238210.551002.238122.550854.	375	3.1	0.	56.	35.
27								
1	SB	CR	AG238122.550854.238103.550762.	375	3.1	0.	56.	35.
28								
1	SB	CR	AG238103.550762.238116.550642.	375	3.1	0.	56.	35.
29								
1	WB	118	AG238860.552200.238426.551937.	1800	3.3	0.	56.	40.
30								
1	WB	118	AG238426.551937.238223.551830.	1800	3.3	0.	56.	40.
30								
1	WB	118 T	AG238223.551830.237955.551674.	1800	3.3	0.	68.	40.
32								
2	WB	118 TQ	AG238019.551711.238142.551783.	0.	36.	3		
90			2.0 1800 33.4 1362 2 3					
33								
1	WB	118	AG237955.551674.237496.551431.	1100	3.3	0.	56.	40.
34								
1	WB	118	AG237496.551431.237026.551174.	1100	3.3	0.	56.	40.

						13B115BA	
1							
34	EB 118	AG237061.551123.237978.551633.	1550	3.3	0.	68.	40.
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0.	48.	4		
	90 66	2.0 1550 33.4 1349 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	1775	3.3	0.	68.	40.
1							
	NB BUS	AG237753.552712.238481.551326.	18	2.1	0.	32.	28.
1							
	NB BUS	AG238481.551326.238521.551019.	18	2.1	0.	32.	28.
1							
	NB BUS	AG238521.551019.238410.550734.	18	2.1	0.	32.	28.
1							
	SB BUS	AG238539.550717.238487.550996.	19	2.1	0.	32.	28.
1							
	SB BUS	AG238487.550996.238439.551312.	19	2.1	0.	32.	28.
1							
	SB BUS	AG238439.551312.237716.552703.	19	2.1	0.	32.	28.
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 B115 BRT AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:52:02.27

RUN: S13 B115 BRT AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	1.	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	225.	3.1	.0	32.0	
2.	2.	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	225.	3.1	.0	32.0	
3.	3.	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	225.	3.1	.0	32.0	
4.	4.	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	225.	3.1	.0	32.0	
5.	5.	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	225.	3.1	.0	32.0	
6.	6.	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	225.	3.1	.0	32.0	
7.	7.	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	225.	3.1	.0	32.0	
8.	8.	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	225.	3.1	.0	44.0	
9.	9.	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	225.	3.1	.0	44.0	
10.	10.	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	225.	3.1	.0	44.0	
11.	11.	NB CR TQ	238016.0	551605.0	238050.4	551539.3	*	74.	152. AG	157.	100.0	.0	24.0	.93 3.8
12.	12.	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	525.	3.1	.0	44.0	
13.	13.	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	525.	3.1	.0	44.0	
14.	14.	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	525.	3.1	.0	44.0	
15.	15.	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	525.	3.1	.0	44.0	
16.	16.	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	3.1	.0	44.0	
17.	17.	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	3.1	.0	44.0	
18.	18.	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	3.1	.0	44.0	
19.	19.	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	25.	3.1	.0	32.0	
20.	20.	SB CR TQ	237893.0	551729.0	237889.3	551736.1	*	8.	332. AG	59.	100.0	.0	12.0	.05 .4
21.	21.	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	3.1	.0	44.0	
22.	22.	SB CR LQ	237922.0	551714.0	237910.3	551735.2	*	24.	331. AG	117.	100.0	.0	24.0	.15 1.2
23.	23.	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	375.	3.1	.0	56.0	
24.	24.	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	375.	3.1	.0	56.0	
25.	25.	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	375.	3.1	.0	56.0	
26.	26.	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	375.	3.1	.0	56.0	
27.	27.	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	375.	3.1	.0	56.0	
28.	28.	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	375.	3.1	.0	56.0	
29.	29.	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	375.	3.1	.0	56.0	
30.	30.	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	375.	3.1	.0	56.0	
31.	31.	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	1800.	3.3	.0	56.0	
32.	32.	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	1800.	3.3	.0	56.0	
33.	33.	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	1800.	3.3	.0	68.0	
34.	34.	WB 118 TQ	238019.0	551711.0	238315.5	551884.5	*	344.	60. AG	140.	100.0	.0	36.0	1.02 17.5
35.	35.	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1100.	3.3	.0	56.0	
36.	36.	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1100.	3.3	.0	56.0	
37.	37.	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1550.	3.3	.0	68.0	
38.	38.	E 118 TQ	237916.0	551598.0	236964.5	551070.0	*	1088.	241. AG	263.	100.0	.0	48.0	1.29 55.3
39.	39.	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1775.	3.3	.0	68.0	
40.	40.	NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	18.	2.1	.0	32.0	
41.	41.	NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	18.	2.1	.0	32.0	
42.	42.	NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	18.	2.1	.0	32.0	
43.	43.	SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	19.	2.1	.0	32.0	
44.	44.	SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	19.	2.1	.0	32.0	

 JOB: S13 B115 BRT AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:52:02.27

RUN: S13 B115 BRT AM 118 CRYRCK

LINK VARIABLES

	LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	*	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	19.	2.1	.0	32.0	

 JOB: S13 B115 BRT AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:52:02.27

RUN: S13 B115 BRT AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11.	11.	NB CR TQ	90	79	2.0	225	1555	33.40	2	3
20.	20.	SB CR TQ	90	59	2.0	25	1723	33.40	2	3
22.	22.	SB CR LQ	90	59	2.0	150	1717	33.40	2	3
34.	34.	WB 118 TQ	90	47	2.0	1800	1362	33.40	2	3
38.	38.	E 118 TQ	90	66	2.0	1550	1349	33.40	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	X	Y	Z	*
1.	REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2.	REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3.	REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4.	REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5.	REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6.	REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7.	REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8.	REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9.	REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10.	REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11.	REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12.	REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13.	REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B115BA

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER *	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER *	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0	*

1

JOB: S13 B115 BRT AM 118CRYRCK

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.2	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.2	.5	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.2	.5	.6	.5	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.1	.1	.6	.5	.5	.4	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.1	.4	.5	.5	.4	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0
55.	.0	.0	.1	.3	.4	.3	.3	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2
60.	.0	.0	.0	.2	.3	.2	.2	.3	.6	.7	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4
65.	.0	.0	.0	.1	.2	.2	.2	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.5	.4	.4
70.	.0	.0	.0	.1	.1	.1	.1	.4	.8	.8	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5
75.	.0	.0	.0	.1	.1	.1	.1	.4	.9	.9	.6	.2	.0	.0	.0	.0	.2	.4	.4	.4
80.	.0	.0	.0	.0	.1	.0	.0	.4	.9	.9	.7	.2	.0	.0	.0	.0	.2	.4	.4	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.2	.0	.0	.0	.1	.2	.3	.2	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.4	.2	.0	.0	.2	.3	.3	.4	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.4	.2	.0	.0	.2	.3	.4	.3	.6
100.	.0	.0	.0	.0	.0	.0	.0	.3	.8	.8	.6	.4	.2	.0	.0	.2	.3	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.8	.7	.6	.4	.2	.0	.0	.2	.3	.3	.5	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.4	.2	.0	.0	.2	.3	.2	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.0	.1	.2	.3	.2	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.1	.1	.2	.2	.3	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.5	.3	.2	.1	.1	.1	.1	.3	.6	.6
130.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.0	.3	.6	.6
135.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.0	.3	.6	.6
140.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.0	.0	.0	.0	.3	.6	.6
145.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.1	.0	.0	.0	.0	.3	.6	.6
150.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.1	.0	.0	.1	.1	.4	.6	.6
155.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.1	.1	.1	.1	.1	.4	.6	.6
160.	.0	.0	.0	.1	.0	.0	.0	.3	.7	.7	.4	.2	.1	.1	.1	.1	.1	.5	.6	.6
165.	.0	.0	.0	.1	.0	.0	.0	.3	.7	.7	.3	.1	.1	.2	.1	.1	.2	.5	.6	.6
170.	.0	.0	.0	.2	.0	.0	.0	.3	.7	.7	.3	.1	.2	.2	.1	.2	.2	.5	.6	.6
175.	.0	.0	.0	.2	.0	.0	.0	.3	.7	.7	.3	.2	.2	.2	.1	.2	.3	.6	.6	.6
180.	.0	.0	.0	.3	.0	.0	.0	.3	.7	.7	.2	.3	.2	.2	.1	.2	.3	.6	.6	.6
185.	.0	.0	.0	.3	.0	.0	.0	.3	.7	.8	.2	.4	.3	.2	.1	.2	.3	.6	.6	.6
190.	.0	.0	.0	.3	.0	.0	.0	.3	.8	.8	.3	.5	.3	.2	.1	.2	.3	.6	.6	.6
195.	.0	.0	.0	.3	.0	.0	.0	.4	.8	.8	.3	.5	.3	.2	.1	.2	.4	.6	.7	.7
200.	.0	.0	.0	.4	.0	.0	.0	.4	.8	.8	.4	.5	.3	.2	.1	.2	.4	.6	.7	.7
205.	.0	.0	.0	.3	.1	.0	.0	.5	.8	.8	.4	.6	.3	.2	.1	.2	.4	.6	.7	.7

1

JOB: S13 B115 BRT AM 118CRYRCK

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.1	.0	.0	.5	1.0	.8	.6	.6	.3	.2	.1	.2	.4	.7	.7	.7
215.	.0	.0	.0	.3	.1	.0	.0	.6	1.0	.9	.7	.5	.3	.2	.1	.2	.4	.7	.8	.8
220.	.0	.0	.0	.3	.1	.0	.0	.8	1.1	.9	.7	.5	.3	.2	.1	.2	.4	.7	.8	.8
225.	.0	.0	.0	.4	.3	.3	.1	.9	1.2	.8	.8	.5	.3	.1	.0	.2	.2	.7	.8	.8
230.	.0	.0	.0	.5	.4	.2	1.0	1.1	1.0	.6	.3	.2	.1	.0	.1	.2	.6	.8	.8	.8
235.	.0	.0	.2	.7	.6	.5	1.0	1.0	.9	.6	.3	.2	.1	.0	.1	.1	.5	.6	.6	.6
240.	.0	.1	.3	.8	.7	.6	.4	1.0	.8	.6	.2	.1	.1	.0	.0	.1	.3	.5	.5	.5
245.	.0	.1	.5	.9	.7	.6	.5	.6	.5	.3	.4	.2	.1	.1	.0	.0	.1	.3	.3	.3
250.	.0	.2	.6	1.0	.8	.6	.6	.4	.3	.2	.2	.1	.1	.1	.0	.0	.1	.2	.2	.2
255.	.1	.2	.7	1.0	.7	.6	.7	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	.1	.4	.8	.8	.6	.5	.7	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	.1	.4	.8	.6	.4	.5	.5	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	.1	.4	.9	.5	.4	.4	.6	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	.1	.4	.8	.4	.3	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.1	.4	.8	.4	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.1	.3	.7	.3	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.1	.3	.8	.1	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.1	.3	.7	.1	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.1	.2	.7	.2	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.1	.2	.5	.3	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.1	.2	.4	.3	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.1	.1	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	.1	.1	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0

ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
325.	.0	.1	.3	.3	.5	.5	.3	.0
330.	.0	.1	.4	.3	.5	.5	.3	.0
335.	.0	.1	.3	.4	.5	.5	.3	.0
340.	.0	.3	.4	.4	.5	.5	.3	.0
345.	.0	.2	.3	.4	.5	.5	.3	.0
350.	.1	.2	.3	.4	.5	.5	.3	.0
355.	.1	.2	.3	.5	.5	.5	.3	.0
360.	.1	.2	.3	.5	.5	.5	.3	.0

MAX DEGR.	0	260	270	250	250	15	255	230	225	230	225	205	185	165	115	90	195	210	215	215
MAX DEGR.	.1	.4	.9	1.0	.8	.6	.7	1.0	1.2	1.0	.8	.6	.3	.2	.1	.2	.4	.7	.8	.8

1

JOB: S13 B115 BRT AM 118CRYRCK

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	1.1	1.1	1.1	.1	.3	.4	.1	
5.	.0	1.1	1.1	1.1	.1	.4	.4	.0	
10.	.0	1.2	1.1	1.1	.2	.4	.4	.0	
15.	.0	1.2	1.2	1.1	.2	.5	.3	.0	
20.	.0	1.3	1.2	1.1	.4	.5	.2	.0	
25.	.0	1.3	1.2	1.1	.4	.5	.2	.0	
30.	.0	1.4	1.3	1.2	.4	.5	.2	.0	
35.	.0	1.4	1.3	1.1	.5	.4	.1	.0	
40.	.0	1.5	1.2	1.1	.5	.4	.1	.0	
45.	.0	1.6	1.4	1.1	.6	.4	.1	.0	
50.	.1	1.6	1.3	1.0	.5	.2	.0	.0	
55.	.2	1.3	1.0	.9	.4	.2	.0	.0	
60.	.2	1.2	.9	.5	.4	.1	.0	.0	
65.	.4	.8	.5	.5	.2	.1	.0	.0	
70.	.6	.5	.4	.4	.2	.0	.0	.0	
75.	.7	.4	.2	.3	.2	.0	.0	.0	
80.	.7	.2	.1	.1	.2	.0	.0	.0	
85.	.8	.1	.0	.1	.2	.0	.0	.0	
90.	.8	.1	.0	.1	.2	.0	.0	.0	
95.	.8	.0	.0	.2	.0	.0	.0	.0	
100.	.7	.0	.0	.1	.0	.0	.0	.0	
105.	.7	.0	.0	.1	.0	.0	.0	.0	
110.	.7	.0	.0	.1	.0	.0	.0	.0	
115.	.6	.0	.0	.1	.0	.0	.0	.0	
120.	.6	.0	.0	.0	.0	.0	.0	.0	
125.	.6	.0	.0	.0	.0	.0	.0	.0	
130.	.6	.0	.0	.0	.0	.0	.0	.0	
135.	.6	.0	.0	.0	.0	.0	.0	.0	
140.	.6	.0	.0	.0	.0	.0	.0	.0	
145.	.6	.0	.0	.0	.0	.0	.0	.0	
150.	.6	.0	.0	.0	.0	.0	.0	.0	
155.	.6	.0	.0	.0	.0	.0	.0	.0	
160.	.6	.0	.0	.0	.0	.0	.0	.0	
165.	.6	.0	.0	.0	.0	.0	.0	.0	
170.	.6	.0	.0	.0	.0	.0	.0	.0	
175.	.6	.0	.0	.0	.0	.0	.0	.0	
180.	.6	.0	.0	.0	.0	.0	.0	.0	
185.	.6	.0	.0	.0	.0	.0	.0	.0	
190.	.6	.0	.0	.0	.0	.0	.0	.0	
195.	.7	.0	.0	.0	.0	.0	.0	.0	
200.	.7	.0	.0	.0	.0	.0	.0	.0	
205.	.8	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 B115 BRT AM 118CRYRCK

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.8	.1	.0	.0	.0	.0	.0	.0	.0
215.	.8	.1	.1	.1	.0	.0	.0	.0	.0
220.	.8	.2	.2	.2	.1	.0	.0	.0	.0
225.	.8	.3	.3	.3	.1	.0	.0	.0	.0
230.	.7	.5	.5	.5	.3	.0	.0	.0	.0
235.	.6	.8	.8	.8	.5	.1	.0	.0	.0
240.	.4	1.1	1.0	1.0	.8	.1	.1	.0	.0
245.	.3	1.4	1.4	1.4	1.0	.2	.1	.0	.0
250.	.2	1.5	1.5	1.5	1.1	.4	.2	.0	.0
255.	.0	1.7	1.6	1.5	1.2	.5	.2	.0	.0
260.	.0	1.7	1.5	1.6	1.3	.5	.2	.1	.1
265.	.0	1.5	1.4	1.4	1.2	.5	.4	.1	.1
270.	.0	1.4	1.4	1.4	1.2	.5	.4	.1	.1
275.	.0	1.3	1.3	1.3	1.1	.5	.4	.1	.1
280.	.0	1.3	1.3	1.2	1.1	.5	.4	.1	.1
285.	.0	1.2	1.2	1.2	1.0	.5	.4	.1	.1
290.	.0	1.1	1.2	1.2	1.0	.4	.3	.1	.1
295.	.0	1.1	1.1	1.1	.9	.4	.3	.1	.1
300.	.0	1.0	1.1	1.1	.8	.4	.3	.1	.1
305.	.0	1.0	1.1	1.1	.7	.4	.2	.1	.1
310.	.0	1.0	.9	.9	.7	.3	.2	.1	.1
315.	.0	1.1	.9	.9	.6	.3	.2	.1	.1
320.	.0	1.1	1.1	1.1	.5	.3	.1	.1	.1
325.	.0	1.1	1.1	1.1	.5	.2	.1	.1	.1

13B115BA

330.	*	.0	1.1	1.1	1.1	.4	.2	.1	.1
335.	*	.0	1.1	1.1	1.1	.3	.1	.1	.0
340.	*	.0	1.1	1.1	1.1	.3	.1	.2	.0
345.	*	.0	1.1	.9	.9	.2	.0	.2	.0
350.	*	.0	1.1	.9	.9	.2	.1	.2	.0
355.	*	.0	1.1	1.0	.9	.1	.1	.2	.1
360.	*	.0	1.1	1.1	1.1	.1	.3	.4	.1
MAX	*	.8	1.7	1.6	1.6	1.3	.5	.4	.1
DEGR.	*	85	255	255	260	260	15	0	0

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 255 DEGREES FROM REC22.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 260 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 255 DEGREES FROM REC23.

1

JOB: S13 B115 BRT AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:52:02.27

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 260	REC3 270	REC4 250	REC5 250	REC6 15	REC7 255	REC8 230	REC9 225	REC10 230	REC11 225	REC12 205	REC13 185	REC14 165	REC15 115	REC16 90	REC17 195	REC18 210	REC19 215	REC20 215
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.1	.0	.0	.0	.0	.2	.2	.4	.5	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	
38	*	.0	.3	.4	.6	.4	.0	.1	.2	.2	.4	.5	.3	.2	.1	.0	.3	.5	.5	.5	
39	*	.0	.0	.0	.1	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 B115 BRT AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:52:02.27

RUN: S13 B115 BRT AM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 85	REC22 255	REC23 255	REC24 260	REC25 260	REC26 15	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.2	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.1	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.1
35	*	.2	.0	.0	.1	.1	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0
37	*	.1	.3	.3	.3	.2	.0	.0
38	*	.5	1.3	1.3	1.2	1.0	.0	.0
39	*	.0	.0	.0	.0	.1	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B115BA

13B115BP

S13 B115 PM 118CRYRCK 60.0175.0.0000.000280.30480000 11 1

REC 1400'	SE CORNER	238219.	551265.	5.		
REC 2 164'	SE CORNER	238112.	551475.	5.		
REC 3 82'	SE CORNER	238073.	551546.	5.		
REC 4 SE CORNER		238047.	551623.	5.		
REC 5 82'	ES CORNER	238123.	551675.	5.		
REC 6 164'	ES CORNER	238193.	551712.	5.		
REC 7 400'	ES CORNER	238399.	551825.	5.		
REC 8 400'	EN CORNER	238346.	551927.	5.		
REC 9 164'	EN CORNER	238145.	551818.	5.		
REC 10 82'	EN CORNER	238074.	551780.	5.		
REC 11 NE CORNER		237986.	551746.	5.		
REC 12 82'	NE CORNER	237925.	551811.	5.		
REC 13 164'	NE CORNE	237885.	551884.	5.		
REC 14 400'	NE CORNE	237778.	552095.	5.		
REC 15 400'	NW CORNE	237681.	552061.	5.		
REC 16 164'	NW CORNE	237804.	551851.	5.		
REC 17 82'	NW CORNER	237840.	551788.	5.		
REC 18 NW CORNER		237870.	551688.	5.		
REC 19 82'	WN CORNER	237813.	551636.	5.		
REC 20 164'	WN CORNE	237736.	551594.	5.		
REC 21 400'	WN CORNE	237524.	551477.	5.		
REC 22 400'	WSCORNER	237589.	551382.	5.		
REC 23 164'	WSCORNER	237795.	551494.	5.		
REC 24 82'	WSCORNER	237866.	551533.	5.		
REC 25 SW CORNER		237943.	551565.	5.		
REC 26 82'	SW CORNER	237999.	551501.	5.		
REC 27 164'	SW CORNE	238040.	551430.	5.		
REC 28 400'	SW CORNE	238161.	551225.	5.		
S13 B115 PM 118 CRYRCK				45	1	1
1						
1	NB CR	AG238136.550647.	238123.550715.	225	3.1	0. 32. 35.
2						
1	NB CR	AG238123.550715.	238124.550780.	225	3.1	0. 32. 35.
3						
1	NB CR	AG238124.550780.	238151.550871.	225	3.1	0. 32. 35.
4						
1	NB CR	AG238151.550871.	238214.550972.	225	3.1	0. 32. 35.
5						
1	NB CR	AG238214.550972.	238235.551048.	225	3.1	0. 32. 35.
6						
1	NB CR	AG238235.551048.	238239.551129.	225	3.1	0. 32. 35.
7						
1	NB CR	AG238239.551129.	238211.551241.	225	3.1	0. 32. 35.
8						
1	NB CR	AG238211.551241.	238122.551402.	225	3.1	0. 44. 35.
9						
1	NB CR	AG238122.551402.	238062.551518.	225	3.1	0. 44. 35.
10						
1	NB CR	AG238062.551518.	237985.551664.	225	3.1	0. 44. 35.
2						
11	NB CR TQ	AG238016.551605.238059.551523.		0.	24.	2
90		79 2.0 225 33.4 1555 2 3				
1						
12	NB CR	AG237985.551664.237834.551929.		525	3.1	0. 44. 35.
1						
13	NB CR	AG237834.551929.237644.552319.		525	3.1	0. 44. 35.
1						
14	NB CR	AG237644.552319.237535.552511.		525	3.1	0. 44. 35.
1						
15	NB CR	AG237535.552511.237498.552627.		525	3.1	0. 44. 35.
1						
16	SB CR	AG237429.552593.237453.552511.		200	3.1	0. 44. 35.
1						
17	SB CR	AG237453.552511.237632.552185.		200	3.1	0. 44. 35.
1						
18	SB CR	AG237632.552185.237799.551908.		200	3.1	0. 44. 35.
1						
36	SB CR T	AG237799.551908.237953.551648.		25	3.1	0. 32. 35.
2						
11	SB CR TQ	AG237893.551729.237799.551908.		0.	12.	1
90		59 2.0 25 33.4 1723 2 3				
1						
38	SB CR L	AG237858.551830.237948.551669.		150	3.1	0. 44. 35.
2						
11	SB CR LQ	AG237922.551714.237858.551830.		0.	24.	2
90		59 2.0 150 33.4 1717 2 3				
1						
21	SB CR	AG237953.551648.238072.551418.		375	3.1	0. 56. 35.
1						
22	SB CR	AG238072.551418.238159.551282.		375	3.1	0. 56. 35.
1						
23	SB CR	AG238159.551282.238207.551180.		375	3.1	0. 56. 35.
1						
24	SB CR	AG238207.551180.238220.551099.		375	3.1	0. 56. 35.
1						
25	SB CR	AG238220.551099.238210.551002.		375	3.1	0. 56. 35.
1						
26	SB CR	AG238210.551002.238122.550854.		375	3.1	0. 56. 35.
1						
27	SB CR	AG238122.550854.238103.550762.		375	3.1	0. 56. 35.
1						
28	SB CR	AG238103.550762.238116.550642.		375	3.1	0. 56. 35.
1						
29	WB 118	AG238860.552200.238426.551937.		1800	3.3	0. 56. 40.
1						
30	WB 118	AG238426.551937.238223.551830.		1800	3.3	0. 56. 40.
1						
30	WB 118 T	AG238223.551830.237955.551674.		1800	3.3	0. 68. 40.
2						
32	WB 118 TQ	AG238019.551711.238142.551783.		0.	36.	3
90		47 2.0 1800 33.4 1362 2 3				
1						
33	WB 118	AG237955.551674.237496.551431.		1100	3.3	0. 56. 40.
1						
34	WB 118	AG237496.551431.237026.551174.		1100	3.3	0. 56. 40.

Page 1

						13B115BP	
1							
34	EB 118	AG237061.551123.237978.551633.	1550	3.3	0.	68.	40.
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0.	48.	4		
	90 66	2.0 1550 33.4 1349 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	1775	3.3	0.	68.	40.
1							
	NB BUS	AG237753.552712.238481.551326.	12	2.1	0.	32.	28.
1							
	NB BUS	AG238481.551326.238521.551019.	12	2.1	0.	32.	28.
1							
	NB BUS	AG238521.551019.238410.550734.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238539.550717.238487.550996.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238487.550996.238439.551312.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238439.551312.237716.552703.	12	2.1	0.	32.	28
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 B115 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:57:52.09

RUN: S13 B115 PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	225.	3.1	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	225.	3.1	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	225.	3.1	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	225.	3.1	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	225.	3.1	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	225.	3.1	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	225.	3.1	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	225.	3.1	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	225.	3.1	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	225.	3.1	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238050.4	551539.3	*	74.	152. AG	157.	100.0	.0	24.0	.93 3.8
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	525.	3.1	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	525.	3.1	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	525.	3.1	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	525.	3.1	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	3.1	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	3.1	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	3.1	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	25.	3.1	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237889.3	551736.1	*	8.	332. AG	59.	100.0	.0	12.0	.05 .4
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	3.1	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237910.3	551735.2	*	24.	331. AG	117.	100.0	.0	24.0	.15 1.2
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	375.	3.1	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	375.	3.1	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	375.	3.1	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	375.	3.1	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	375.	3.1	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	375.	3.1	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	375.	3.1	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	375.	3.1	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	1800.	3.3	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	1800.	3.3	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	1800.	3.3	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238315.5	551884.5	*	344.	60. AG	140.	100.0	.0	36.0	1.02 17.5
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1100.	3.3	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1100.	3.3	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1550.	3.3	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	236964.5	551070.0	*	1088.	241. AG	263.	100.0	.0	48.0	1.29 55.3
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1775.	3.3	.0	68.0	
40.	NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	12.	2.1	.0	32.0	
41.	NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	12.	2.1	.0	32.0	
42.	NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	12.	2.1	.0	32.0	
43.	SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	12.	2.1	.0	32.0	
44.	SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	12.	2.1	.0	32.0	

 JOB: S13 B115 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:57:52.09

RUN: S13 B115 PM 118 CRYRCK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	12.	2.1	.0	32.0	

 JOB: S13 B115 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:57:52.09

RUN: S13 B115 PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	90	79	2.0	225	1555	33.40	2	3
20. 11	SB CR TQ	90	59	2.0	25	1723	33.40	2	3
22. 11	SB CR LQ	90	59	2.0	150	1717	33.40	2	3
34. 32	WB 118 TQ	90	47	2.0	1800	1362	33.40	2	3
38. 35	E 118 TQ	90	66	2.0	1550	1349	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B115BP

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER *	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER *	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0	*

1

JOB: S13 B115 PM 118CRYRCK

RUN: S13 B115 PM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.2	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.1	.2	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.2	.5	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.2	.5	.6	.5	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.1	.1	.6	.5	.5	.4	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.1	.4	.5	.5	.4	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0
55.	.0	.0	.1	.3	.4	.3	.3	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2
60.	.0	.0	.0	.2	.3	.2	.2	.3	.6	.7	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4
65.	.0	.0	.0	.1	.2	.2	.2	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.5	.4	.4
70.	.0	.0	.0	.1	.1	.1	.1	.4	.8	.8	.6	.0	.0	.0	.0	.0	.0	.5	.4	.5
75.	.0	.0	.0	.1	.1	.1	.1	.4	.9	.9	.6	.2	.0	.0	.0	.0	.2	.4	.4	.4
80.	.0	.0	.0	.0	.1	.0	.0	.4	.9	.9	.7	.2	.0	.0	.0	.0	.2	.4	.4	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.2	.0	.0	.0	.1	.2	.3	.2	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.4	.2	.0	.0	.2	.3	.3	.4	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.9	.8	.7	.4	.2	.0	.0	.2	.3	.4	.3	.6
100.	.0	.0	.0	.0	.0	.0	.0	.3	.8	.8	.6	.4	.2	.0	.0	.2	.3	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.8	.7	.6	.4	.2	.0	.0	.2	.3	.3	.5	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.4	.2	.0	.0	.2	.3	.2	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.0	.1	.2	.3	.2	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.1	.1	.2	.2	.3	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.5	.3	.2	.1	.1	.0	.1	.3	.6	.6
130.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.0	.3	.6	.6
135.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.0	.3	.6	.6
140.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.0	.0	.0	.0	.3	.6	.6
145.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.1	.0	.0	.0	.0	.3	.6	.6
150.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.1	.0	.0	.1	.1	.4	.6	.6
155.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.2	.1	.1	.1	.1	.1	.4	.6	.6
160.	.0	.0	.0	.1	.0	.0	.0	.3	.7	.7	.4	.2	.1	.1	.1	.1	.1	.5	.6	.6
165.	.0	.0	.0	.1	.0	.0	.0	.3	.7	.7	.3	.1	.1	.2	.1	.1	.2	.5	.6	.6
170.	.0	.0	.0	.2	.0	.0	.0	.3	.7	.7	.3	.1	.2	.2	.1	.2	.2	.5	.6	.6
175.	.0	.0	.0	.2	.0	.0	.0	.3	.7	.7	.3	.2	.2	.2	.1	.2	.3	.6	.6	.6
180.	.0	.0	.0	.3	.0	.0	.0	.3	.7	.7	.2	.3	.2	.2	.1	.2	.3	.6	.6	.6
185.	.0	.0	.0	.3	.0	.0	.0	.3	.7	.8	.2	.4	.3	.2	.1	.2	.3	.6	.6	.6
190.	.0	.0	.0	.3	.0	.0	.0	.3	.8	.8	.3	.5	.3	.2	.1	.2	.3	.6	.6	.6
195.	.0	.0	.0	.3	.0	.0	.0	.4	.8	.8	.3	.5	.3	.2	.1	.2	.4	.6	.7	.7
200.	.0	.0	.0	.4	.0	.0	.0	.4	.8	.8	.4	.5	.3	.2	.1	.2	.4	.6	.7	.7
205.	.0	.0	.0	.3	.1	.0	.0	.5	.8	.8	.4	.6	.3	.2	.1	.2	.4	.6	.7	.7

1

JOB: S13 B115 PM 118CRYRCK

RUN: S13 B115 PM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.3	.1	.0	.0	.5	1.0	.8	.6	.6	.3	.2	.1	.2	.4	.7	.7	.7
215.	.0	.0	.0	.3	.1	.0	.0	.6	1.0	.9	.7	.5	.3	.2	.1	.2	.4	.7	.8	.8
220.	.0	.0	.0	.3	.1	.1	.0	.8	1.1	.9	.7	.5	.3	.2	.1	.2	.4	.7	.8	.8
225.	.0	.0	.0	.4	.3	.3	.1	.9	1.2	.8	.8	.5	.3	.1	.0	.2	.2	.7	.8	.8
230.	.0	.0	.0	.5	.4	.2	1.0	1.1	1.0	.6	.3	.2	.1	.0	.1	.2	.6	.8	.8	.8
235.	.0	.0	.2	.7	.6	.5	1.0	1.0	.9	.6	.3	.2	.1	.0	.1	.1	.5	.6	.6	.6
240.	.0	.1	.3	.8	.7	.6	.4	1.0	.8	.6	.2	.1	.1	.0	.0	.1	.3	.5	.5	.5
245.	.0	.1	.5	.9	.7	.6	.5	.6	.5	.3	.4	.2	.1	.1	.0	.0	.1	.3	.3	.3
250.	.0	.2	.6	1.0	.8	.6	.6	.4	.3	.2	.2	.1	.1	.1	.0	.0	.1	.2	.2	.2
255.	.1	.2	.7	1.0	.7	.6	.7	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	.1	.4	.8	.8	.6	.5	.7	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	.1	.4	.8	.6	.4	.5	.5	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	.1	.4	.9	.5	.4	.4	.6	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	.1	.4	.8	.4	.3	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.1	.4	.8	.4	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.1	.3	.7	.3	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.1	.3	.8	.1	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.1	.3	.7	.1	.4	.5	.5	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.1	.2	.7	.2	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.1	.2	.5	.3	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.1	.2	.4	.3	.5	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.1	.1	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	.1	.1	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0

																		13B115BP																			
325.	*	.0	.1	.3	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
330.	*	.0	.1	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
335.	*	.0	.1	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
340.	*	.0	.3	.4	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
345.	*	.0	.2	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
350.	*	.1	.2	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
355.	*	.1	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
360.	*	.1	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									

MAX	*	.1	.4	.9	1.0	.8	.6	.7	1.0	1.2	1.0	.8	.6	.3	.2	.1	.2	.4	.7	.8	.8																
DEGR.	*	0	260	270	250	250	15	255	230	225	230	225	205	185	165	115	90	195	210	215	215																

1

JOB: S13 B115 PM 118CRYRCK

RUN: S13 B115 PM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND		* CONCENTRATION							
ANGLE		(PPM)							
(DEGR)*		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28

0.	*	.0	1.1	1.1	1.1	.1	.3	.4	.1
5.	*	.0	1.1	1.1	1.1	.1	.4	.4	.0
10.	*	.0	1.2	1.1	1.1	.2	.4	.4	.0
15.	*	.0	1.2	1.2	1.1	.2	.5	.3	.0
20.	*	.0	1.3	1.2	1.1	.4	.5	.2	.0
25.	*	.0	1.3	1.2	1.1	.4	.5	.2	.0
30.	*	.0	1.4	1.3	1.2	.4	.5	.2	.0
35.	*	.0	1.4	1.3	1.1	.5	.4	.1	.0
40.	*	.0	1.5	1.2	1.1	.5	.4	.1	.0
45.	*	.0	1.6	1.4	1.1	.6	.4	.1	.0
50.	*	.1	1.6	1.3	1.0	.5	.2	.0	.0
55.	*	.2	1.3	1.0	.9	.4	.2	.0	.0
60.	*	.2	1.2	.9	.5	.4	.1	.0	.0
65.	*	.4	.8	.5	.5	.2	.1	.0	.0
70.	*	.6	.5	.4	.4	.2	.0	.0	.0
75.	*	.7	.4	.2	.3	.2	.0	.0	.0
80.	*	.7	.2	.1	.1	.2	.0	.0	.0
85.	*	.8	.1	.0	.1	.2	.0	.0	.0
90.	*	.8	.1	.0	.1	.2	.0	.0	.0
95.	*	.8	.0	.0	.0	.2	.0	.0	.0
100.	*	.7	.0	.0	.0	.1	.0	.0	.0
105.	*	.7	.0	.0	.0	.1	.0	.0	.0
110.	*	.7	.0	.0	.0	.1	.0	.0	.0
115.	*	.6	.0	.0	.0	.1	.0	.0	.0
120.	*	.6	.0	.0	.0	.0	.0	.0	.0
125.	*	.6	.0	.0	.0	.0	.0	.0	.0
130.	*	.6	.0	.0	.0	.0	.0	.0	.0
135.	*	.6	.0	.0	.0	.0	.0	.0	.0
140.	*	.6	.0	.0	.0	.0	.0	.0	.0
145.	*	.6	.0	.0	.0	.0	.0	.0	.0
150.	*	.6	.0	.0	.0	.0	.0	.0	.0
155.	*	.6	.0	.0	.0	.0	.0	.0	.0
160.	*	.6	.0	.0	.0	.0	.0	.0	.0
165.	*	.6	.0	.0	.0	.0	.0	.0	.0
170.	*	.6	.0	.0	.0	.0	.0	.0	.0
175.	*	.6	.0	.0	.0	.0	.0	.0	.0
180.	*	.6	.0	.0	.0	.0	.0	.0	.0
185.	*	.6	.0	.0	.0	.0	.0	.0	.0
190.	*	.6	.0	.0	.0	.0	.0	.0	.0
195.	*	.7	.0	.0	.0	.0	.0	.0	.0
200.	*	.7	.0	.0	.0	.0	.0	.0	.0
205.	*	.8	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B115 PM 118CRYRCK

RUN: S13 B115 PM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND		* CONCENTRATION							
ANGLE		(PPM)							
(DEGR)*		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28

210.	*	.8	.1	.0	.0	.0	.0	.0	.0
215.	*	.8	.1	.1	.1	.0	.0	.0	.0
220.	*	.8	.2	.2	.2	.1	.0	.0	.0
225.	*	.8	.3	.3	.3	.1	.0	.0	.0
230.	*	.7	.5	.5	.5	.3	.0	.0	.0
235.	*	.6	.8	.8	.8	.5	.1	.0	.0
240.	*	.4	1.1	1.0	1.0	.8	.1	.1	.0
245.	*	.3	1.4	1.4	1.4	1.0	.2	.1	.0
250.	*	.2	1.5	1.5	1.5	1.1	.4	.2	.0
255.	*	.0	1.7	1.6	1.5	1.2	.5	.2	.0
260.	*	.0	1.7	1.5	1.6	1.3	.5	.2	.1
265.	*	.0	1.5	1.4	1.4	1.2	.5	.4	.1
270.	*	.0	1.4	1.4	1.4	1.2	.5	.4	.1
275.	*	.0	1.3	1.3	1.3	1.1	.5	.4	.1
280.	*	.0	1.3	1.3	1.2	1.1	.5	.4	.1
285.	*	.0	1.2	1.2	1.2	1.0	.5	.4	.1
290.	*	.0	1.1	1.2	1.2	1.0	.4	.3	.1
295.	*	.0	1.1	1.1	1.1	.9	.4	.3	.1
300.	*	.0	1.0	1.1	1.1	.8	.4	.3	.1
305.	*	.0	1.0	1.1	1.1	.7	.4	.2	.1
310.	*	.0	1.0	.9	.9	.7	.3	.2	.1
315.	*	.0	1.1	.9	.9	.6	.3	.2	.1
320.	*	.0	1.1	1.1	1.1	.5	.3	.1	.1
325.	*	.0	1.1	1.1	1.1	.5	.2	.1	.1

13B115BP

```

330. * .0 1.1 1.1 1.1 .4 .2 .1 .1
335. * .0 1.1 1.1 1.1 .3 .1 .1 .0
340. * .0 1.1 1.1 1.1 .3 .1 .2 .0
345. * .0 1.1 .9 .9 .2 .0 .2 .0
350. * .0 1.1 .9 .9 .2 .1 .2 .0
355. * .0 1.1 1.0 .9 .1 .1 .2 .1
360. * .0 1.1 1.1 1.1 .1 .3 .4 .1
-----
MAX * .8 1.7 1.6 1.6 1.3 .5 .4 .1
DEGR. * 85 255 255 260 260 15 0 0

```

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 255 DEGREES FROM REC22.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 260 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 255 DEGREES FROM REC23.

1

JOB: S13 B115 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:57:52.09

RUN: S13 B115 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 0	REC2 260	REC3 270	REC4 250	REC5 250	REC6 15	REC7 255	REC8 230	REC9 225	REC10 230	REC11 225	REC12 205	REC13 185	REC14 165	REC15 115	REC16 90	REC17 195	REC18 210	REC19 215	REC20 215
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.1	.0	.0	.0	.0	.2	.2	.4	.5	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
35	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.2	.2	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
38	.0	.3	.4	.6	.4	.0	.1	.2	.2	.4	.5	.3	.2	.1	.0	.0	.3	.5	.5	.5
39	.0	.0	.0	.1	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B115 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:57:52.09

RUN: S13 B115 PM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 85	REC22 255	REC23 255	REC24 260	REC25 260	REC26 15	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.2	.1	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.1	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.1
35	*	.2	.0	.0	.1	.1	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0
37	*	.1	.3	.3	.3	.2	.0	.0
38	*	.5	1.3	1.3	1.2	1.0	.0	.0
39	*	.0	.0	.0	.0	.1	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B115BP

13B215BA

S13 B215 AM 118CRYRCK 60.0175.0.0000.000280.30480000 11 1

REC 1400'	SE CORNER	238219.	551265.	5.
REC 2 164'	SE CORNER	238112.	551475.	5.
REC 3 82'	SE CORNER	238073.	551546.	5.
REC 4 SE CORNER		238047.	551623.	5.
REC 5 82'	ES CORNER	238123.	551675.	5.
REC 6 164'	ES CORNER	238193.	551712.	5.
REC 7 400'	ES CORNER	238399.	551825.	5.
REC 8 400'	EN CORNER	238346.	551927.	5.
REC 9 164'	EN CORNER	238145.	551818.	5.
REC 10 82'	EN CORNER	238074.	551780.	5.
REC 11 NE CORNER		237986.	551746.	5.
REC 12 82'	NE CORNER	237925.	551811.	5.
REC 13 164'	NE CORNE	237885.	551884.	5.
REC 14 400'	NE CORNE	237778.	552095.	5.
REC 15 400'	NW CORNE	237681.	552061.	5.
REC 16 164'	NW CORNE	237804.	551851.	5.
REC 17 82'	NW CORNER	237840.	551788.	5.
REC 18 NW CORNER		237870.	551688.	5.
REC 19 82'	WN CORNER	237813.	551636.	5.
REC 20 164'	WN CORNE	237736.	551594.	5.
REC 21 400'	WN CORNE	237524.	551477.	5.
REC 22 400'	WSCORNER	237589.	551382.	5.
REC 23 164'	WSCORNER	237795.	551494.	5.
REC 24 82'	WSCORNER	237866.	551533.	5.
REC 25 SW CORNER		237943.	551565.	5.
REC 26 82'	SW CORNER	237999.	551501.	5.
REC 27 164'	SW CORNE	238040.	551430.	5.
REC 28 400'	SW CORNE	238161.	551225.	5.

S13 B215 AM 118 CRYRCK 45 1 1

1									
1	NB CR	AG238136.550647.238123.550715.	475 3.1	0. 32.	35.				
2	NB CR	AG238123.550715.238124.550780.	475 3.1	0. 32.	35.				
3	NB CR	AG238124.550780.238151.550871.	475 3.1	0. 32.	35.				
4	NB CR	AG238151.550871.238214.550972.	475 3.1	0. 32.	35.				
5	NB CR	AG238214.550972.238235.551048.	475 3.1	0. 32.	35.				
6	NB CR	AG238235.551048.238239.551129.	475 3.1	0. 32.	35.				
7	NB CR	AG238239.551129.238211.551241.	475 3.1	0. 32.	35.				
8	NB CR	AG238211.551241.238122.551402.	475 3.1	0. 44.	35.				
9	NB CR	AG238122.551402.238062.551518.	475 3.1	0. 44.	35.				
10	NB CR	AG238062.551518.237985.551664.	475 3.1	0. 44.	35.				
11	NB CR TQ	AG238016.551605.238059.551523.	0. 24.	2					
150	127	2.0 475 33.4 1528 2 3							
12	NB CR	AG237985.551664.237834.551929.	150 3.1	0. 44.	35.				
13	NB CR	AG237834.551929.237644.552319.	150 3.1	0. 44.	35.				
14	NB CR	AG237644.552319.237535.552511.	150 3.1	0. 44.	35.				
15	NB CR	AG237535.552511.237498.552627.	150 3.1	0. 44.	35.				
16	SB CR	AG237429.552593.237453.552511.	525 3.1	0. 44.	35.				
17	SB CR	AG237453.552511.237632.552185.	525 3.1	0. 44.	35.				
18	SB CR	AG237632.552185.237799.551908.	525 3.1	0. 44.	35.				
36	SB CR T	AG237799.551908.237953.551648.	50 3.1	0. 32.	35.				
11	SB CR TQ	AG237893.551729.237799.551908.	0. 12.	1					
150	119	2.0 50 33.4 1723 2 3							
38	SB CR L	AG237858.551830.237948.551669.	475 3.1	0. 44.	35.				
11	SB CR LQ	AG237922.551714.237858.551830.	0. 24.	2					
150	119	2.0 475 33.4 1717 2 3							
21	SB CR	AG237953.551648.238072.551418.	175 3.1	0. 56.	35.				
22	SB CR	AG238072.551418.238159.551282.	175 3.1	0. 56.	35.				
23	SB CR	AG238159.551282.238207.551180.	175 3.1	0. 56.	35.				
24	SB CR	AG238207.551180.238220.551099.	175 3.1	0. 56.	35.				
25	SB CR	AG238220.551099.238210.551002.	175 3.1	0. 56.	35.				
26	SB CR	AG238210.551002.238122.550854.	175 3.1	0. 56.	35.				
27	SB CR	AG238122.550854.238103.550762.	175 3.1	0. 56.	35.				
28	SB CR	AG238103.550762.238116.550642.	175 3.1	0. 56.	35.				
29	WB 118	AG238860.552200.238426.551937.	2200 3.3	0. 56.	40.				
30	WB 118	AG238426.551937.238223.551830.	2200 3.3	0. 56.	40.				
30	WB 118 T	AG238223.551830.237955.551674.	2200 3.3	0. 68.	40.				
32	WB 118 TQ	AG238019.551711.238142.551783.	0. 36.	3					
150	107	2.0 2200 33.4 1377 2 3							
33	WB 118	AG237955.551674.237496.551431.	2025 3.3	0. 56.	40.				
34	WB 118	AG237496.551431.237026.551174.	2025 3.3	0. 56.	40.				

						13B215BA	
1							
34	EB 118	AG237061.551123.237978.551633.	1100	3.3	0.	68.	40.
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0.	48.	4		
150	126	2.0 1100 33.4 1292 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	1950	3.3	0.	68.	40.
1							
	NB BUS	AG237753.552712.238481.551326.	18	2.1	0.	32.	28.
1							
	NB BUS	AG238481.551326.238521.551019.	18	2.1	0.	32.	28.
1							
	NB BUS	AG238521.551019.238410.550734.	18	2.1	0.	32.	28.
1							
	SB BUS	AG238539.550717.238487.550996.	19	2.1	0.	32.	28.
1							
	SB BUS	AG238487.550996.238439.551312.	19	2.1	0.	32.	28.
1							
	SB BUS	AG238439.551312.237716.552703.	19	2.1	0.	32.	28
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 B215 AM 118CRYRCK
DATE: 01/10/2007 TIME: 13:59:24.53

RUN: S13 B215 AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	* 238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	475.	3.1	.0	32.0	
2. 2	NB CR	* 238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	475.	3.1	.0	32.0	
3. 3	NB CR	* 238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	475.	3.1	.0	32.0	
4. 4	NB CR	* 238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	475.	3.1	.0	32.0	
5. 5	NB CR	* 238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	475.	3.1	.0	32.0	
6. 6	NB CR	* 238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	475.	3.1	.0	32.0	
7. 7	NB CR	* 238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	475.	3.1	.0	32.0	
8. 8	NB CR	* 238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	475.	3.1	.0	44.0	
9. 9	NB CR	* 238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	475.	3.1	.0	44.0	
10. 10	NB CR	* 238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	475.	3.1	.0	44.0	
11. 11	NB CR TQ	* 238016.0	551605.0	238320.6	551024.2	*	656.	152. AG	152.	100.0	.0	24.0	1.23 33.3
12. 12	NB CR	* 237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	150.	3.1	.0	44.0	
13. 13	NB CR	* 237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	150.	3.1	.0	44.0	
14. 14	NB CR	* 237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	150.	3.1	.0	44.0	
15. 15	NB CR	* 237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	150.	3.1	.0	44.0	
16. 16	SB CR	* 237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	525.	3.1	.0	44.0	
17. 17	SB CR	* 237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	525.	3.1	.0	44.0	
18. 18	SB CR	* 237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	525.	3.1	.0	44.0	
19. 36	SB CR T	* 237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	3.1	.0	32.0	
20. 11	SB CR TQ	* 237893.0	551729.0	237877.9	551757.8	*	33.	332. AG	71.	100.0	.0	12.0	.16 1.7
21. 38	SB CR L	* 237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	475.	3.1	.0	44.0	
22. 11	SB CR LQ	* 237922.0	551714.0	237847.5	551849.0	*	154.	331. AG	142.	100.0	.0	24.0	.77 7.8
23. 21	SB CR	* 237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	175.	3.1	.0	56.0	
24. 22	SB CR	* 238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	175.	3.1	.0	56.0	
25. 23	SB CR	* 238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	175.	3.1	.0	56.0	
26. 24	SB CR	* 238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	175.	3.1	.0	56.0	
27. 25	SB CR	* 238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	175.	3.1	.0	56.0	
28. 26	SB CR	* 238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	175.	3.1	.0	56.0	
29. 27	SB CR	* 238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	175.	3.1	.0	56.0	
30. 28	SB CR	* 238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	175.	3.1	.0	56.0	
31. 29	WB 118	* 238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2200.	3.3	.0	56.0	
32. 30	WB 118	* 238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2200.	3.3	.0	56.0	
33. 30	WB 118 T	* 238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2200.	3.3	.0	68.0	
34. 32	WB 118 TQ	* 238019.0	551711.0	241684.8	553856.4	*	4247.	60. AG	192.	100.0	.0	36.0	2.05 215.8
35. 33	WB 118	* 237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2025.	3.3	.0	56.0	
36. 34	WB 118	* 237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2025.	3.3	.0	56.0	
37. 34	EB 118	* 237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1100.	3.3	.0	68.0	
38. 35	E 118 TQ	* 237916.0	551598.0	236800.5	550978.9	*	1276.	241. AG	301.	100.0	.0	48.0	1.60 64.8
39. 37	EB 118	* 237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1950.	3.3	.0	68.0	
40.	NB BUS	* 237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	18.	2.1	.0	32.0	
41.	NB BUS	* 238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	18.	2.1	.0	32.0	
42.	NB BUS	* 238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	18.	2.1	.0	32.0	
43.	SB BUS	* 238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	19.	2.1	.0	32.0	
44.	SB BUS	* 238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	19.	2.1	.0	32.0	

JOB: S13 B215 AM 118CRYRCK
DATE: 01/10/2007 TIME: 13:59:24.53

RUN: S13 B215 AM 118 CRYRCK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	* 238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	19.	2.1	.0	32.0	

JOB: S13 B215 AM 118CRYRCK
DATE: 01/10/2007 TIME: 13:59:24.53

RUN: S13 B215 AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	* 150	127	2.0	475	1528	33.40	2	3
20. 11	SB CR TQ	* 150	119	2.0	50	1723	33.40	2	3
22. 11	SB CR LQ	* 150	119	2.0	475	1717	33.40	2	3
34. 32	WB 118 TQ	* 150	107	2.0	2200	1377	33.40	2	3
38. 35	E 118 TQ	* 150	126	2.0	1100	1292	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B215BA

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER *	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER *	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0	*

1

JOB: S13 B215 AM 118CRYRCK

RUN: S13 B215 AM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.3	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
5.	.1	.3	.4	.6	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	.0
10.	.1	.2	.4	.6	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	.0
15.	.1	.3	.4	.6	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	.0
20.	.1	.3	.4	.6	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
25.	.1	.3	.4	.6	.7	.6	.6	.1	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.1
30.	.1	.3	.3	.6	.9	.7	.6	.1	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.1
35.	.1	.3	.3	.7	.9	.8	.7	.1	.1	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
40.	.1	.3	.3	.8	.9	.8	.8	.2	.2	.2	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
45.	.1	.3	.3	.8	.8	.9	.8	.5	.3	.3	.1	.0	.0	.0	.1	.0	.3	.3	.2	.2
50.	.1	.2	.3	.7	.8	.9	.8	.8	.6	.4	.2	.1	.0	.0	.1	.0	.3	.4	.4	.4
55.	.1	.1	.3	.6	.7	.8	.7	1.0	.9	.8	.5	.1	.1	.0	.1	.1	.4	.6	.6	.4
60.	.0	.1	.1	.5	.6	.6	.6	1.4	1.2	1.2	.7	.2	.1	.0	.1	.1	.5	.7	.7	.7
65.	.0	.1	.1	.4	.4	.4	.4	1.7	1.4	1.3	1.0	.3	.2	.1	.2	.2	.5	.7	.8	.7
70.	.0	.0	.0	.2	.3	.2	.2	1.7	1.5	1.3	1.0	.3	.2	.1	.2	.2	.6	.7	.7	.7
75.	.0	.0	.0	.1	.1	.1	.1	1.6	1.4	1.3	.9	.4	.2	.1	.2	.3	.7	.8	.6	.8
80.	.0	.0	.0	.0	.1	.1	.0	1.4	1.3	1.4	.9	.4	.2	.1	.2	.3	.7	.6	.5	.7
85.	.0	.0	.0	.0	.0	.0	.0	1.4	1.2	1.1	.8	.5	.3	.1	.2	.4	.7	.5	.5	.8
90.	.0	.0	.0	.0	.0	.0	.0	1.3	1.1	1.1	.8	.5	.3	.1	.2	.4	.7	.4	.4	.8
95.	.0	.0	.0	.0	.0	.0	.0	1.3	1.1	1.1	.8	.4	.3	.1	.2	.5	.7	.4	.6	.9
100.	.0	.0	.0	.0	.0	.0	.0	1.2	1.0	1.0	.8	.4	.3	.1	.2	.6	.7	.3	.6	1.0
105.	.0	.0	.0	.0	.0	.0	.0	1.2	.9	1.0	.7	.4	.4	.1	.2	.5	.6	.3	.6	.9
110.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.7	.4	.4	.1	.2	.6	.6	.3	.7	.9
115.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.7	.4	.4	.1	.2	.6	.6	.3	.7	.9
120.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.8	.6	.4	.3	.1	.2	.5	.6	.2	.8	.9
125.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.6	.4	.3	.1	.2	.5	.7	.4	.8	.9
130.	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.6	.3	.3	.1	.2	.4	.4	.3	.9	.9
135.	.1	.1	.1	.0	.0	.0	.0	.9	.8	.8	.5	.3	.2	.1	.1	.4	.4	.4	.9	.9
140.	.1	.1	.2	.1	.0	.0	.0	.9	.8	.8	.6	.4	.3	.1	.3	.3	.3	.6	.9	.8
145.	.2	.2	.3	.2	.0	.0	.0	1.0	.9	.8	.5	.4	.3	.2	.3	.3	.3	.6	.9	.8
150.	.3	.3	.4	.2	.0	.0	.0	1.0	.9	.8	.6	.4	.2	.1	.4	.3	.4	.6	.8	.8
155.	.4	.4	.5	.3	.1	.0	.0	1.0	.9	.9	.6	.3	.2	.2	.2	.4	.3	.6	.8	.8
160.	.5	.5	.6	.4	.1	.0	.0	.9	.8	.9	.5	.3	.2	.3	.1	.3	.3	.6	.8	.8
165.	.6	.6	.6	.4	.1	.0	.0	.9	.9	.9	.5	.2	.4	.2	.1	.3	.3	.6	.8	.8
170.	.6	.6	.6	.5	.2	.1	.0	.9	.9	1.0	.5	.3	.4	.2	.1	.3	.3	.7	.8	.8
175.	.7	.6	.6	.4	.2	.1	.0	.9	1.0	1.0	.4	.3	.4	.1	.1	.3	.3	.7	.8	.8
180.	.7	.7	.6	.4	.2	.1	.0	1.0	1.0	1.0	.4	.4	.6	.1	.1	.3	.4	.7	.8	.8
185.	.6	.6	.6	.4	.2	.1	.0	1.0	1.0	1.0	.3	.5	.6	.1	.1	.3	.4	.7	.8	.8
190.	.6	.6	.5	.4	.2	.1	.1	1.1	1.1	1.0	.3	.5	.6	.1	.1	.3	.4	.8	.8	.8
195.	.5	.6	.5	.4	.2	.1	.1	1.3	1.1	1.1	.4	.6	.6	.2	.1	.3	.4	.8	.8	.8
200.	.5	.6	.5	.4	.2	.1	.1	1.3	1.2	1.1	.5	.7	.6	.2	.2	.3	.4	.8	.9	.9
205.	.5	.6	.5	.3	.2	.1	.1	1.3	1.2	1.1	.6	.7	.6	.2	.1	.3	.4	.8	1.0	1.0

1

JOB: S13 B215 AM 118CRYRCK

RUN: S13 B215 AM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.5	.4	.5	.3	.2	.1	.1	1.4	1.3	1.0	.6	.7	.6	.1	.1	.3	.4	.8	1.0	1.0
215.	.5	.4	.4	.3	.1	.1	.1	1.4	1.2	1.1	.7	.8	.6	.1	.1	.2	.4	.8	1.0	1.0
220.	.4	.4	.4	.4	.2	.1	.1	1.6	1.3	1.3	.9	.8	.4	.1	.1	.2	.4	.9	1.0	1.0
225.	.4	.4	.4	.4	.3	.3	.3	1.6	1.4	1.2	.9	.7	.3	.1	.1	.2	.3	.9	1.0	1.0
230.	.4	.4	.5	.5	.4	.4	.3	1.7	1.5	1.1	.9	.7	.3	.0	.0	.1	.2	.8	1.0	1.1
235.	.4	.4	.5	.7	.7	.5	.3	1.6	1.3	1.0	.9	.5	.2	.0	.0	.1	.2	.5	.9	1.0
240.	.5	.5	.7	.9	.9	.8	.5	1.4	1.0	.8	.5	.4	.2	.0	.0	.0	.1	.4	.7	.7
245.	.5	.6	.8	1.0	.9	.8	.6	1.1	.7	.7	.4	.4	.0	.0	.0	.0	.1	.3	.4	.5
250.	.5	.6	.8	1.1	.9	.7	.8	.7	.5	.4	.3	.3	.0	.0	.0	.0	.0	.1	.2	.2
255.	.6	.7	1.0	1.0	.8	.9	.7	.4	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0	.2	.2
260.	.6	.7	1.1	.8	.6	.8	.8	.3	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	.6	.7	1.1	.6	.5	.7	.8	.1	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.8	.7	1.0	.5	.5	.5	.8	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.8	.8	1.2	.4	.4	.6	.7	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.8	.8	1.1	.3	.5	.6	.6	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.8	1.0	1.0	.2	.5	.7	.6	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.8	.9	.9	.3	.6	.7	.6	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.9	.9	.8	.5	.6	.6	.6	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.9	.9	.8	.4	.6	.6	.6	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.8	.6	.8	.4	.7	.6	.6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.8	.6	.6	.4	.6	.6	.6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.8	.5	.7	.4	.6	.6	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.8	.5	.6	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

ANGLE (DEGR)	295	285	275	250	30	45	40	65	70	80	65	215	180	160	150	100	75	220	205	230
325.	.7	.4	.6	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.6	.3	.6	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.5	.5	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.3	.4	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
345.	.3	.4	.3	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
350.	.2	.3	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
355.	.1	.3	.3	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
360.	.1	.3	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
MAX	.9	1.0	1.2	1.1	.9	.9	.8	1.7	1.5	1.4	1.0	.8	.6	.3	.4	.6	.7	.9	1.0	1.1

1

JOB: S13 B215 AM 118CRYRCK

RUN: S13 B215 AM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	1.1	1.1	1.2	.3	.4	.5	.4
5.	.0	1.2	1.1	1.2	.3	.4	.5	.4
10.	.0	1.2	1.3	1.2	.3	.4	.6	.4
15.	.0	1.3	1.3	1.2	.3	.5	.6	.4
20.	.0	1.3	1.3	1.2	.4	.6	.6	.4
25.	.0	1.4	1.4	1.1	.4	.6	.6	.4
30.	.0	1.5	1.3	1.3	.5	.6	.6	.4
35.	.0	1.6	1.5	1.2	.6	.5	.5	.4
40.	.1	1.7	1.6	1.2	.7	.5	.5	.4
45.	.1	1.8	1.7	1.2	.8	.5	.5	.4
50.	.2	1.8	1.5	1.1	.7	.5	.4	.4
55.	.5	1.8	1.3	1.0	.7	.5	.3	.4
60.	.6	1.5	1.0	.8	.6	.3	.3	.3
65.	.8	.9	.9	.7	.4	.3	.3	.3
70.	.8	.7	.6	.5	.3	.2	.2	.3
75.	1.0	.5	.2	.2	.2	.2	.2	.3
80.	.9	.3	.2	.1	.2	.2	.2	.3
85.	.9	.2	.2	.1	.2	.2	.2	.3
90.	1.1	.2	.1	.1	.2	.2	.2	.3
95.	1.1	.1	.1	.1	.2	.2	.3	.3
100.	1.1	.1	.1	.1	.2	.3	.3	.3
105.	1.0	.1	.1	.1	.2	.3	.3	.3
110.	.9	.1	.1	.1	.2	.3	.3	.3
115.	.8	.0	.1	.1	.2	.3	.3	.3
120.	.8	.0	.1	.1	.2	.3	.3	.3
125.	.8	.0	.1	.1	.2	.3	.3	.3
130.	.8	.0	.1	.1	.2	.3	.3	.3
135.	.8	.0	.1	.1	.2	.3	.3	.3
140.	.8	.0	.0	.1	.2	.3	.3	.2
145.	.8	.0	.0	.1	.2	.2	.2	.2
150.	.8	.0	.0	.0	.1	.2	.2	.1
155.	.8	.0	.0	.0	.1	.1	.1	.1
160.	.8	.0	.0	.0	.0	.1	.1	.0
165.	.8	.0	.0	.0	.0	.0	.0	.0
170.	.8	.0	.0	.0	.0	.0	.0	.0
175.	.8	.0	.0	.0	.0	.0	.0	.0
180.	.8	.0	.0	.0	.0	.0	.0	.0
185.	.8	.0	.0	.0	.0	.0	.0	.0
190.	.8	.0	.0	.0	.0	.0	.0	.0
195.	.9	.0	.0	.0	.0	.0	.0	.0
200.	1.0	.0	.0	.0	.0	.0	.0	.0
205.	1.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B215 AM 118CRYRCK

RUN: S13 B215 AM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	1.0	.1	.0	.0	.0	.0	.0	.0
215.	1.0	.1	.1	.1	.0	.0	.0	.0
220.	1.1	.2	.1	.1	.1	.0	.0	.0
225.	1.0	.4	.4	.4	.1	.0	.0	.0
230.	.9	.6	.6	.6	.3	.0	.0	.0
235.	.7	.9	.8	.8	.6	.1	.0	.0
240.	.6	1.3	1.2	1.2	.8	.2	.1	.0
245.	.5	1.6	1.5	1.4	1.0	.3	.1	.0
250.	.3	1.8	1.7	1.7	1.4	.4	.2	.0
255.	.2	1.8	1.8	1.7	1.4	.5	.3	.1
260.	.0	1.8	1.8	1.7	1.4	.6	.3	.1
265.	.0	1.6	1.6	1.6	1.2	.7	.3	.1
270.	.0	1.6	1.5	1.5	1.2	.7	.3	.2
275.	.0	1.5	1.3	1.3	1.1	.6	.3	.2
280.	.0	1.3	1.3	1.3	1.1	.6	.3	.2
285.	.0	1.3	1.2	1.2	1.0	.6	.4	.2
290.	.0	1.2	1.2	1.2	1.0	.6	.4	.2
295.	.0	1.3	1.2	1.1	.9	.6	.4	.2
300.	.0	1.1	1.1	1.1	.9	.5	.4	.2
305.	.0	1.1	1.1	1.1	.8	.5	.3	.2
310.	.0	1.1	1.1	1.0	.7	.5	.3	.1
315.	.0	1.1	1.1	1.1	.7	.3	.2	.1
320.	.0	1.1	1.1	1.1	.6	.3	.2	.1
325.	.0	1.1	1.1	1.1	.5	.2	.1	.2

13B215BA

330.	*	.0	1.1	1.1	1.1	.5	.3	.1	.2
335.	*	.0	1.1	1.1	1.1	.5	.2	.2	.2
340.	*	.0	1.1	1.1	1.1	.4	.1	.1	.3
345.	*	.0	1.1	1.1	1.0	.4	.1	.1	.3
350.	*	.0	1.1	1.0	1.0	.3	.0	.1	.4
355.	*	.0	1.1	1.1	1.1	.3	.3	.4	.4
360.	*	.0	1.1	1.1	1.2	.3	.4	.5	.4
MAX	*	1.1	1.8	1.8	1.7	1.4	.7	.6	.4
DEGR.	*	90	55	255	250	250	265	10	0

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 55 DEGREES FROM REC22.
 THE 2ND HIGHEST CONCENTRATION IS 1.80 PPM AT 255 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.70 PPM AT 65 DEGREES FROM REC8 .

1

JOB: S13 B215 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:59:24.53

RUN: S13 B215 AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 295	REC2 285	REC3 275	REC4 250	REC5 30	REC6 45	REC7 40	REC8 65	REC9 70	REC10 80	REC11 65	REC12 215	REC13 180	REC14 160	REC15 150	REC16 100	REC17 75	REC18 220	REC19 205	REC20 230
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.2	.3	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.4	.4	.4	1.2	.9	.8	.6	.0	.0	.2	.3	.0	.0	.0	.0	.0
35	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.3	.3	.3	.3
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
37	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
38	*	.2	.3	.4	.7	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.0	.6	.6	.6	.6	.6
39	*	.0	.0	.0	.1	.3	.3	.3	.1	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B215 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 13:59:24.53

RUN: S13 B215 AM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 55	REC23 255	REC24 250	REC25 250	REC26 265	REC27 10	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.0	.0	.0	.0	.3	.3	.3
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.1	.0
34	*	.0	.2	.0	.0	.0	.1	.1
35	*	.3	.1	.1	.1	.1	.0	.0
36	*	.0	.0	.1	.0	.0	.0	.0
37	*	.1	.2	.2	.2	.1	.0	.0
38	*	.6	1.2	1.4	1.4	1.1	.5	.0
39	*	.0	.1	.0	.0	.0	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B215BA

13B215BP

S13 B215 PM 118CRYRCK 60.0175.0.0000.000280.30480000 11 1

REC 1400'	SE CORNER	238219.	551265.	5.				
REC 2 164'	SE CORNER	238112.	551475.	5.				
REC 3 82'	SE CORNER	238073.	551546.	5.				
REC 4 SE CORNER		238047.	551623.	5.				
REC 5 82'	ES CORNER	238123.	551675.	5.				
REC 6 164'	ES CORNER	238193.	551712.	5.				
REC 7 400'	ES CORNER	238399.	551825.	5.				
REC 8 400'	EN CORNER	238346.	551927.	5.				
REC 9 164'	EN CORNER	238145.	551818.	5.				
REC 10 82'	EN CORNER	238074.	551780.	5.				
REC 11 NE CORNER		237986.	551746.	5.				
REC 12 82'	NE CORNER	237925.	551811.	5.				
REC 13 164'	NE CORNE	237885.	551884.	5.				
REC 14 400'	NE CORNE	237778.	552095.	5.				
REC 15 400'	NW CORNE	237681.	552061.	5.				
REC 16 164'	NW CORNE	237804.	551851.	5.				
REC 17 82'	NW CORNER	237840.	551788.	5.				
REC 18 NW CORNER		237870.	551688.	5.				
REC 19 82'	WN CORNER	237813.	551636.	5.				
REC 20 164'	WN CORNE	237736.	551594.	5.				
REC 21 400'	WN CORNE	237524.	551477.	5.				
REC 22 400'	WSCORNER	237589.	551382.	5.				
REC 23 164'	WSCORNER	237795.	551494.	5.				
REC 24 82'	WSCORNER	237866.	551533.	5.				
REC 25 SW CORNER		237943.	551565.	5.				
REC 26 82'	SW CORNER	237999.	551501.	5.				
REC 27 164'	SW CORNE	238040.	551430.	5.				
REC 28 400'	SW CORNE	238161.	551225.	5.				
S13 B215 PM 118 CRYRCK					45	1	1	
1								
1	NB CR	AG238136.550647.	238123.550715.	250	3.1	0.	32.	35.
2								
1	NB CR	AG238123.550715.	238124.550780.	250	3.1	0.	32.	35.
3								
1	NB CR	AG238124.550780.	238151.550871.	250	3.1	0.	32.	35.
4								
1	NB CR	AG238151.550871.	238214.550972.	250	3.1	0.	32.	35.
5								
1	NB CR	AG238214.550972.	238235.551048.	250	3.1	0.	32.	35.
6								
1	NB CR	AG238235.551048.	238239.551129.	250	3.1	0.	32.	35.
7								
1	NB CR	AG238239.551129.	238211.551241.	250	3.1	0.	32.	35.
8								
1	NB CR	AG238211.551241.	238122.551402.	250	3.1	0.	44.	35.
9								
1	NB CR	AG238122.551402.	238062.551518.	250	3.1	0.	44.	35.
10								
1	NB CR	AG238062.551518.	237985.551664.	250	3.1	0.	44.	35.
2								
11	NB CR TQ	AG238016.551605.	238059.551523.	0.	24.	2		
90		79	2.0 250 33.4 1555 2 3					
1								
12	NB CR	AG237985.551664.	237834.551929.	475	3.1	0.	44.	35.
1								
13	NB CR	AG237834.551929.	237644.552319.	475	3.1	0.	44.	35.
1								
14	NB CR	AG237644.552319.	237535.552511.	475	3.1	0.	44.	35.
1								
15	NB CR	AG237535.552511.	237498.552627.	475	3.1	0.	44.	35.
1								
16	SB CR	AG237429.552593.	237453.552511.	175	3.1	0.	44.	35.
1								
17	SB CR	AG237453.552511.	237632.552185.	175	3.1	0.	44.	35.
1								
18	SB CR	AG237632.552185.	237799.551908.	175	3.1	0.	44.	35.
1								
36	SB CR T	AG237799.551908.	237953.551648.	25	3.1	0.	32.	35.
2								
11	SB CR TQ	AG237893.551729.	237799.551908.	0.	12.	1		
90		59	2.0 25 33.4 1723 2 3					
1								
38	SB CR L	AG237858.551830.	237948.551669.	150	3.1	0.	44.	35.
2								
11	SB CR LQ	AG237922.551714.	237858.551830.	0.	24.	2		
90		59	2.0 150 33.4 1717 2 3					
1								
21	SB CR	AG237953.551648.	238072.551418.	400	3.1	0.	56.	35.
1								
22	SB CR	AG238072.551418.	238159.551282.	400	3.1	0.	56.	35.
1								
23	SB CR	AG238159.551282.	238207.551180.	400	3.1	0.	56.	35.
1								
24	SB CR	AG238207.551180.	238220.551099.	400	3.1	0.	56.	35.
1								
25	SB CR	AG238220.551099.	238210.551002.	400	3.1	0.	56.	35.
1								
26	SB CR	AG238210.551002.	238122.550854.	400	3.1	0.	56.	35.
1								
27	SB CR	AG238122.550854.	238103.550762.	400	3.1	0.	56.	35.
1								
28	SB CR	AG238103.550762.	238116.550642.	400	3.1	0.	56.	35.
1								
29	WB 118	AG238860.552200.	238426.551937.	1775	3.3	0.	56.	40.
1								
30	WB 118	AG238426.551937.	238223.551830.	1775	3.3	0.	56.	40.
1								
30	WB 118 T	AG238223.551830.	237955.551674.	1775	3.3	0.	68.	40.
2								
32	WB 118 TQ	AG238019.551711.	238142.551783.	0.	36.	3		
90		47	2.0 1775 33.4 1365 2 3					
1								
33	WB 118	AG237955.551674.	237496.551431.	1125	3.3	0.	56.	40.
1								
34	WB 118	AG237496.551431.	237026.551174.	1125	3.3	0.	56.	40.

Page 1

						13B215BP	
1							
34	EB 118	AG237061.551123.237978.551633.	1525	3.3	0.	68.	40.
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0.	48.	4		
	90 67	2.0 1525 33.4 1352 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	1775	3.3	0.	68.	40.
1							
	NB BUS	AG237753.552712.238481.551326.	12	2.1	0.	32.	28.
1							
	NB BUS	AG238481.551326.238521.551019.	12	2.1	0.	32.	28.
1							
	NB BUS	AG238521.551019.238410.550734.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238539.550717.238487.550996.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238487.550996.238439.551312.	12	2.1	0.	32.	28.
1							
	SB BUS	AG238439.551312.237716.552703.	12	2.1	0.	32.	28
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

DATE: 01/10/2007 TIME: 14:01:25.86

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	1.	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	250.	3.1	.0	32.0	
2.	2.	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	250.	3.1	.0	32.0	
3.	3.	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	250.	3.1	.0	32.0	
4.	4.	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	250.	3.1	.0	32.0	
5.	5.	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	250.	3.1	.0	32.0	
6.	6.	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	250.	3.1	.0	32.0	
7.	7.	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	250.	3.1	.0	32.0	
8.	8.	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	250.	3.1	.0	44.0	
9.	9.	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	250.	3.1	.0	44.0	
10.	10.	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	250.	3.1	.0	44.0	
11.	11.	NB CR TQ	238016.0	551605.0	238084.1	551475.2	*	147.	152. AG	157.	100.0	.0	24.0	1.04 7.4
12.	12.	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	475.	3.1	.0	44.0	
13.	13.	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	475.	3.1	.0	44.0	
14.	14.	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	475.	3.1	.0	44.0	
15.	15.	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	475.	3.1	.0	44.0	
16.	16.	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	175.	3.1	.0	44.0	
17.	17.	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	175.	3.1	.0	44.0	
18.	18.	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	175.	3.1	.0	44.0	
19.	19.	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	25.	3.1	.0	32.0	
20.	20.	SB CR TQ	237893.0	551729.0	237889.3	551736.1	*	8.	332. AG	59.	100.0	.0	12.0	.05 .4
21.	21.	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	3.1	.0	44.0	
22.	22.	SB CR LQ	237922.0	551714.0	237910.3	551735.2	*	24.	331. AG	117.	100.0	.0	24.0	.15 1.2
23.	23.	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	400.	3.1	.0	56.0	
24.	24.	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	400.	3.1	.0	56.0	
25.	25.	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	400.	3.1	.0	56.0	
26.	26.	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	400.	3.1	.0	56.0	
27.	27.	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	400.	3.1	.0	56.0	
28.	28.	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	400.	3.1	.0	56.0	
29.	29.	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	400.	3.1	.0	56.0	
30.	30.	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	400.	3.1	.0	56.0	
31.	31.	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	1775.	3.3	.0	56.0	
32.	32.	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	1775.	3.3	.0	56.0	
33.	33.	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	1775.	3.3	.0	68.0	
34.	34.	WB 118 TQ	238019.0	551711.0	238227.3	551832.9	*	241.	60. AG	140.	100.0	.0	36.0	1.00 12.3
35.	35.	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1125.	3.3	.0	56.0	
36.	36.	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1125.	3.3	.0	56.0	
37.	37.	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1525.	3.3	.0	68.0	
38.	38.	E 118 TQ	237916.0	551598.0	236895.1	551031.4	*	1168.	241. AG	267.	100.0	.0	48.0	1.34 59.3
39.	39.	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1775.	3.3	.0	68.0	
40.	40.	NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	12.	2.1	.0	32.0	
41.	41.	NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	12.	2.1	.0	32.0	
42.	42.	NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	12.	2.1	.0	32.0	
43.	43.	SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	12.	2.1	.0	32.0	
44.	44.	SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	12.	2.1	.0	32.0	

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

DATE: 01/10/2007 TIME: 14:01:25.86

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
45.	45.	SB BUS	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	12.	2.1	.0	32.0	

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

DATE: 01/10/2007 TIME: 14:01:25.86

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11.	11.	NB CR TQ	90	79	2.0	250	1555	33.40	2	3
20.	11.	SB CR TQ	90	59	2.0	25	1723	33.40	2	3
22.	11.	SB CR LQ	90	59	2.0	150	1717	33.40	2	3
34.	32.	WB 118 TQ	90	47	2.0	1775	1365	33.40	2	3
38.	35.	E 118 TQ	90	67	2.0	1525	1352	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B215BP

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER *	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER *	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0	*

1

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.2	.3	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.3	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.1	.2	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.1	.2	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.5	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.1	.4	.5	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.1	.1	.5	.5	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.1	.4	.4	.5	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
55.	.0	.0	.1	.2	.3	.3	.3	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2
60.	.0	.0	.0	.2	.3	.2	.2	.3	.5	.6	.3	.0	.0	.0	.0	.0	.0	.4	.4	.4
65.	.0	.0	.0	.1	.2	.2	.2	.4	.6	.6	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4
70.	.0	.0	.0	.1	.1	.1	.1	.4	.6	.7	.5	.0	.0	.0	.0	.0	.0	.5	.4	.5
75.	.0	.0	.0	.1	.1	.1	.1	.4	.7	.8	.6	.1	.0	.0	.0	.0	.1	.4	.4	.5
80.	.0	.0	.0	.0	.1	.0	.0	.4	.7	.8	.6	.2	.0	.0	.0	.0	.2	.3	.4	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.8	.8	.7	.2	.0	.0	.0	.0	.2	.3	.2	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.8	.8	.7	.3	.1	.0	.0	.2	.3	.3	.4	.7
95.	.0	.0	.0	.0	.0	.0	.0	.4	.8	.8	.6	.3	.2	.0	.0	.2	.3	.4	.4	.7
100.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.8	.6	.4	.2	.0	.0	.2	.3	.3	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.4	.2	.0	.0	.2	.3	.3	.5	.7
110.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.4	.2	.0	.0	.2	.3	.3	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.0	.0	.2	.3	.2	.6	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.6	.3	.2	.0	.0	.1	.2	.3	.6	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.5	.3	.2	.0	.0	.0	.0	.3	.7	.6
130.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.1	.3	.6	.6
135.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.0	.0	.1	.3	.6	.6
140.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7	.3	.3	.2	.0	.0	.1	.1	.4	.6	.6
145.	.0	.0	.1	.0	.0	.0	.0	.3	.7	.7	.5	.3	.0	.0	.0	.0	.1	.4	.6	.6
150.	.0	.0	.1	.1	.0	.0	.0	.3	.7	.7	.5	.4	.2	.0	.0	.1	.1	.4	.6	.6
155.	.0	.0	.1	.1	.0	.0	.0	.3	.7	.7	.4	.3	.2	.1	.1	.1	.1	.4	.6	.6
160.	.0	.0	.2	.2	.0	.0	.0	.3	.7	.7	.3	.3	.1	.1	.1	.1	.1	.5	.6	.6
165.	.0	.0	.3	.3	.0	.0	.0	.3	.7	.7	.3	.2	.2	.1	.1	.1	.2	.5	.6	.6
170.	.0	.0	.3	.3	.0	.0	.0	.3	.7	.7	.3	.1	.2	.2	.1	.2	.2	.5	.6	.6
175.	.0	.0	.4	.4	.0	.0	.0	.3	.7	.8	.3	.2	.2	.2	.1	.2	.2	.6	.6	.6
180.	.0	.0	.4	.4	.0	.0	.0	.3	.7	.8	.3	.3	.2	.2	.1	.2	.3	.6	.6	.6
185.	.0	.0	.5	.4	.1	.0	.0	.3	.7	.8	.2	.4	.3	.2	.1	.2	.3	.6	.6	.6
190.	.0	.0	.5	.4	.1	.0	.0	.3	.9	.8	.3	.5	.3	.2	.1	.2	.3	.6	.7	.7
195.	.0	.0	.5	.4	.1	.0	.0	.3	.9	.8	.3	.5	.3	.2	.1	.2	.4	.6	.7	.7
200.	.0	.0	.5	.4	.1	.0	.0	.3	.9	.8	.4	.6	.3	.2	.1	.2	.4	.6	.7	.7
205.	.0	.0	.5	.4	.1	.1	.0	.3	.9	.8	.5	.6	.3	.2	.1	.2	.4	.6	.7	.7

1

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.5	.3	.1	.1	.0	.3	1.1	.8	.6	.6	.3	.2	.1	.2	.4	.7	.7	.7
215.	.0	.0	.5	.3	.1	.1	.0	.4	1.0	.9	.7	.5	.2	.1	.1	.2	.4	.7	.8	.8
220.	.0	.0	.5	.3	.1	.1	.0	.5	1.1	1.0	.7	.4	.2	.1	.1	.2	.4	.7	.9	.9
225.	.0	.0	.4	.4	.3	.3	.1	.6	1.3	.8	.8	.4	.2	.1	.0	.2	.2	.7	.9	.8
230.	.0	.0	.4	.6	.5	.4	.2	.8	1.1	1.0	.7	.2	.1	.0	.0	.1	.2	.6	.8	.8
235.	.0	.0	.5	.7	.6	.5	.3	.8	.9	.9	.6	.3	.2	.0	.0	.1	.1	.6	.7	.6
240.	.0	.1	.6	.8	.7	.7	.4	.8	.8	.8	.6	.2	.1	.1	.0	.0	.1	.4	.5	.5
245.	.0	.1	.8	.9	.7	.6	.5	.4	.5	.3	.4	.2	.1	.1	.0	.0	.0	.2	.3	.3
250.	.0	.3	.8	1.0	.8	.6	.6	.3	.3	.2	.2	.0	.0	.1	.0	.0	.0	.1	.2	.2
255.	.1	.3	.9	1.0	.7	.6	.6	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.1	.5	.9	.7	.6	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.1	.6	1.0	.6	.4	.5	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.1	.6	1.0	.5	.4	.4	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.7	.9	.4	.3	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.2	.7	.9	.4	.4	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.2	.7	.8	.3	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.1	.7	.8	.1	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.1	.6	.7	.1	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.1	.6	.7	.2	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.1	.6	.5	.3	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.1	.6	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.1	.5	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
320.	.2	.4	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0

WIND ANGLE (DEGR)	275	275	265	250	250	240	250	230	225	220	225	200	185	165	155	90	195	210	220	220
325.	.1	.4	.3	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
330.	.1	.3	.4	.3	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
335.	.1	.2	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
340.	.0	.3	.4	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.3	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.2	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	1.1	1.1	1.1	.1	.4	.5	.0
5.	.0	1.2	1.1	1.1	.1	.5	.6	.0
10.	.0	1.2	1.2	1.1	.2	.4	.6	.0
15.	.0	1.2	1.2	1.1	.2	.5	.5	.0
20.	.0	1.3	1.2	1.1	.4	.5	.5	.0
25.	.0	1.3	1.3	1.1	.4	.5	.4	.0
30.	.0	1.4	1.3	1.1	.4	.5	.3	.0
35.	.0	1.4	1.3	1.1	.4	.4	.3	.0
40.	.0	1.5	1.3	1.1	.4	.4	.3	.0
45.	.1	1.6	1.4	1.1	.5	.3	.2	.0
50.	.1	1.6	1.3	1.0	.5	.3	.1	.0
55.	.2	1.3	1.0	.9	.4	.3	.1	.0
60.	.2	1.2	.9	.5	.3	.2	.0	.0
65.	.4	.8	.6	.5	.2	.2	.0	.0
70.	.6	.5	.5	.4	.2	.2	.0	.0
75.	.7	.4	.3	.3	.2	.2	.0	.0
80.	.7	.2	.2	.1	.2	.2	.0	.0
85.	.8	.1	.1	.1	.2	.2	.0	.0
90.	.8	.1	.1	.1	.2	.2	.0	.0
95.	.8	.0	.0	.1	.2	.2	.0	.0
100.	.8	.0	.0	.1	.2	.2	.0	.0
105.	.7	.0	.0	.1	.2	.1	.0	.0
110.	.7	.0	.0	.1	.2	.1	.0	.0
115.	.6	.0	.0	.0	.2	.1	.0	.0
120.	.6	.0	.0	.0	.1	.1	.0	.0
125.	.6	.0	.0	.0	.1	.0	.0	.0
130.	.6	.0	.0	.0	.1	.0	.0	.0
135.	.6	.0	.0	.0	.0	.0	.0	.0
140.	.6	.0	.0	.0	.0	.0	.0	.0
145.	.6	.0	.0	.0	.0	.0	.0	.0
150.	.6	.0	.0	.0	.0	.0	.0	.0
155.	.6	.0	.0	.0	.0	.0	.0	.0
160.	.6	.0	.0	.0	.0	.0	.0	.0
165.	.6	.0	.0	.0	.0	.0	.0	.0
170.	.6	.0	.0	.0	.0	.0	.0	.0
175.	.6	.0	.0	.0	.0	.0	.0	.0
180.	.6	.0	.0	.0	.0	.0	.0	.0
185.	.6	.0	.0	.0	.0	.0	.0	.0
190.	.7	.0	.0	.0	.0	.0	.0	.0
195.	.7	.0	.0	.0	.0	.0	.0	.0
200.	.7	.0	.0	.0	.0	.0	.0	.0
205.	.8	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B215 PM 118CRYRCK

RUN: S13 B215 PM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.8	.1	.0	.0	.0	.0	.0	.0
215.	.8	.1	.1	.1	.0	.0	.0	.0
220.	.8	.2	.2	.2	.1	.0	.0	.0
225.	.8	.4	.3	.3	.1	.0	.0	.0
230.	.8	.5	.5	.5	.4	.0	.0	.0
235.	.7	.9	.8	.8	.5	.1	.0	.0
240.	.5	1.1	1.1	1.1	.8	.2	.1	.0
245.	.4	1.4	1.4	1.4	1.0	.2	.1	.0
250.	.2	1.7	1.5	1.5	1.1	.4	.2	.0
255.	.0	1.7	1.6	1.6	1.3	.5	.2	.0
260.	.0	1.7	1.5	1.6	1.3	.5	.3	.1
265.	.0	1.5	1.4	1.4	1.2	.5	.4	.1
270.	.0	1.4	1.4	1.4	1.2	.5	.4	.1
275.	.0	1.4	1.3	1.3	1.1	.5	.4	.1
280.	.0	1.3	1.3	1.3	1.1	.5	.4	.1
285.	.0	1.3	1.2	1.2	1.0	.5	.4	.1
290.	.0	1.1	1.2	1.2	1.0	.5	.4	.1
295.	.0	1.1	1.1	1.1	.8	.4	.3	.1
300.	.0	1.0	1.1	1.1	.8	.4	.2	.1
305.	.0	1.0	1.0	1.0	.7	.4	.2	.1
310.	.0	1.0	1.0	1.0	.7	.3	.2	.1
315.	.0	1.0	1.0	1.0	.6	.3	.2	.1
320.	.0	1.1	1.0	1.0	.5	.3	.1	.1
325.	.0	1.1	1.1	1.1	.5	.2	.1	.1

13B215BP

330.	*	.0	1.1	1.1	1.1	.4	.2	.2	.1
335.	*	.0	1.1	1.1	1.1	.3	.1	.1	.1
340.	*	.0	1.1	1.1	1.1	.3	.1	.2	.1
345.	*	.0	1.1	1.0	.9	.2	.1	.2	.1
350.	*	.0	1.0	1.0	.9	.2	.1	.3	.1
355.	*	.0	1.0	1.0	1.0	.1	.2	.3	.0
360.	*	.0	1.1	1.1	1.1	.1	.4	.5	.0
MAX	*	.8	1.7	1.6	1.6	1.3	.5	.6	.1
DEGR.	*	85	250	255	260	255	5	5	260

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 250 DEGREES FROM REC22.
 THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 260 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 255 DEGREES FROM REC23.

1

JOB: S13 B215 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:01:25.86

RUN: S13 B215 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 275	REC2 275	REC3 265	REC4 250	REC5 250	REC6 240	REC7 250	REC8 230	REC9 225	REC10 220	REC11 225	REC12 200	REC13 185	REC14 165	REC15 155	REC16 90	REC17 195	REC18 210	REC19 220	REC20 220
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.3	.5	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.1	.2	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.2	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.1	.1	.2	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	
38	*	.2	.3	.4	.6	.4	.3	.2	.2	.3	.3	.5	.3	.2	.1	.1	.0	.3	.5	.6	
39	*	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 B215 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:01:25.86

RUN: S13 B215 PM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 85	REC22 250	REC23 255	REC24 260	REC25 255	REC26 5	REC27 5	REC28 260
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.3	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.1	.0
34	*	.0	.0	.0	.0	.0	.1	.1
35	*	.2	.0	.0	.1	.1	.0	.0
36	*	.0	.1	.0	.0	.0	.0	.0
37	*	.1	.3	.3	.3	.2	.0	.0
38	*	.5	1.3	1.3	1.2	1.0	.0	.1
39	*	.0	.0	.0	.0	.0	.1	.1
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B215BP

				S13NB30A.DAT			
S13	NB30	AM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1
REC 1400'	SE CORNER	238219.	551265.	5.			
REC 2 164'	SE CORNER	238112.	551475.	5.			
REC 3 82'	SE CORNER	238073.	551546.	5.			
REC 4 SE CORNER		238047.	551623.	5.			
REC 5 82'	ES CORNER	238123.	551675.	5.			
REC 6 164'	ES CORNER	238193.	551712.	5.			
REC 7 400'	ES CORNER	238399.	551825.	5.			
REC 8 400'	EN CORNER	238346.	551927.	5.			
REC 9 164'	EN CORNER	238145.	551818.	5.			
REC 10 82'	EN CORNER	238074.	551780.	5.			
REC 11 NE CORNER		237986.	551746.	5.			
REC 12 82'	NE CORNER	237925.	551811.	5.			
REC 13 164'	NE CORNE	237885.	551884.	5.			
REC 14 400'	NE CORNE	237778.	552095.	5.			
REC 15 400'	NW CORNE	237681.	552061.	5.			
REC 16 164'	NW CORNE	237804.	551851.	5.			
REC 17 82'	NW CORNER	237840.	551788.	5.			
REC 18 NW CORNER		237870.	551688.	5.			
REC 19 82'	WN CORNER	237813.	551636.	5.			
REC 20 164'	WN CORNE	237736.	551594.	5.			
REC 21 400'	WN CORNE	237524.	551477.	5.			
REC 22 400'	WSCORNER	237589.	551382.	5.			
REC 23 164'	WSCORNER	237795.	551494.	5.			
REC 24 82'	WSCORNER	237866.	551533.	5.			
REC 25 SW CORNER		237943.	551565.	5.			
REC 26 82'	SW CORNER	237999.	551501.	5.			
REC 27 164'	SW CORNE	238040.	551430.	5.			
REC 28 400'	SW CORNE	238161.	551225.	5.			
S13	NB30	AM	118	CRYRCK	39	1	1
1							
1	NB CR	AG238136.550647.238123.550715.	600	2.7	0.32.	35.	
2							
2	NB CR	AG238123.550715.238124.550780.	600	2.7	0.32.	35.	
3							
3	NB CR	AG238124.550780.238151.550871.	600	2.7	0.32.	35.	
4							
4	NB CR	AG238151.550871.238214.550972.	600	2.7	0.32.	35.	
5							
5	NB CR	AG238214.550972.238235.551048.	600	2.7	0.32.	35.	
6							
6	NB CR	AG238235.551048.238239.551129.	600	2.7	0.32.	35.	
7							
7	NB CR	AG238239.551129.238211.551241.	600	2.7	0.32.	35.	
8							
8	NB CR	AG238211.551241.238122.551402.	600	2.7	0.44.	35.	
9							
9	NB CR	AG238122.551402.238062.551518.	600	2.7	0.44.	35.	
10							
10	NB CR	AG238062.551518.237985.551664.	600	2.7	0.44.	35.	
11							
11	NB CR TQ	AG238016.551605.238059.551523.	0.	24.	2		
150		125 2.0 600 29.1 1531 2 3					
12							
12	NB CR	AG237985.551664.237834.551929.	175	2.7	0.44.	35.	
13							
13	NB CR	AG237834.551929.237644.552319.	175	2.7	0.44.	35.	
14							
14	NB CR	AG237644.552319.237535.552511.	175	2.7	0.44.	35.	
15							
15	NB CR	AG237535.552511.237498.552627.	175	2.7	0.44.	35.	
16							
16	SB CR	AG237429.552593.237453.552511.	650	2.7	0.44.	35.	
17							
17	SB CR	AG237453.552511.237632.552185.	650	2.7	0.44.	35.	
18							
18	SB CR	AG237632.552185.237799.551908.	650	2.7	0.44.	35.	
36							
36	SB CR T	AG237799.551908.237953.551648.	25	2.7	0.32.	35.	
11							
11	SB CR TQ	AG237893.551729.237799.551908.	0.	12.	1		
150		119 2.0 25 29.1 1676 2 3					
38							
38	SB CR L	AG237858.551830.237948.551669.	575	2.7	0.44.	35.	
11							
11	SB CR LQ	AG237922.551714.237858.551830.	0.	24.	2		
150		119 2.0 575 29.1 1717 2 3					
21							
21	SB CR	AG237953.551648.238072.551418.	200	2.7	0.56.	35.	
22							
22	SB CR	AG238072.551418.238159.551282.	200	2.7	0.56.	35.	
23							
23	SB CR	AG238159.551282.238207.551180.	200	2.7	0.56.	35.	
24							
24	SB CR	AG238207.551180.238220.551099.	200	2.7	0.56.	35.	
25							
25	SB CR	AG238220.551099.238210.551002.	200	2.7	0.56.	35.	
26							
26	SB CR	AG238210.551002.238122.550854.	200	2.7	0.56.	35.	
27							
27	SB CR	AG238122.550854.238103.550762.	200	2.7	0.56.	35.	
28							
28	SB CR	AG238103.550762.238116.550642.	200	2.7	0.56.	35.	
29							
29	WB 118	AG238860.552200.238426.551937.	2400	2.9	0.56.	40.	
30							
30	WB 118	AG238426.551937.238223.551830.	2400	2.9	0.56.	40.	
30							
30	WB 118 T	AG238223.551830.237955.551674.	2400	2.9	0.68.	40.	
32							
32	WB 118 TQ	AG238019.551711.238142.551783.	0.	36.	3		
150		60 2.0 2400 29.1 1377 2 3					
33							
33	WB 118	AG237955.551674.237496.551431.	2225	2.9	0.56.	40.	
34							
34	WB 118	AG237496.551431.237026.551174.	2225	2.9	0.56.	40.	

				S13NB30A.DAT			
1							
34	EB 118	AG237061.551123.237978.551633.	1075 2.9	0. 68.	40.		
2							
35	E 118 TQ	AG237916.551598.237725.551492.	0. 48.	4			
	150 69	2.0 1075 29.1 1293 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	2125 2.9	0. 68.	40.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 NB30 AM 118CRYRCK
DATE: 01/03/2007 TIME: 11:51:16.66

RUN: S13 NB30 AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	600.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	600.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	600.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	600.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	600.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	600.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	600.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	600.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	600.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	600.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238536.5	550612.4	*	1121.	152. AG	130.	100.0	.0	24.0	1.40 56.9
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	175.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	175.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	175.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	175.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	650.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	650.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	650.	2.7	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	25.	2.7	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237885.4	551743.4	*	16.	332. AG	62.	100.0	.0	12.0	.08 .8
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	575.	2.7	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237819.8	551899.3	*	212.	331. AG	124.	100.0	.0	24.0	.93 10.7
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	200.	2.7	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	200.	2.7	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	200.	2.7	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	200.	2.7	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	200.	2.7	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	200.	2.7	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	200.	2.7	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	200.	2.7	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2400.	2.9	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2400.	2.9	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2400.	2.9	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238423.6	551947.8	*	469.	60. AG	94.	100.0	.0	36.0	1.01 23.8
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2225.	2.9	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2225.	2.9	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1075.	2.9	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237827.6	551549.0	*	101.	241. AG	144.	100.0	.0	48.0	.40 5.1
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	2125.	2.9	.0	68.0	

JOB: S13 NB30 AM 118CRYRCK
DATE: 01/03/2007 TIME: 11:51:16.66

RUN: S13 NB30 AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	150	125	2.0	600	1531	29.10	2	3
20. 11	SB CR TQ	150	119	2.0	25	1676	29.10	2	3
22. 11	SB CR LQ	150	119	2.0	575	1717	29.10	2	3
34. 32	WB 118 TQ	150	60	2.0	2400	1377	29.10	2	3
38. 35	E 118 TQ	150	69	2.0	1075	1293	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13 NB30 AM 118CRYRCK

RUN: S13 NB30 AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0
5.	.0	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0
10.	.0	.2	.3	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0
15.	.0	.2	.3	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0
20.	.0	.2	.3	.5	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1
25.	.0	.2	.3	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1
30.	.0	.2	.2	.5	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1
35.	.0	.1	.2	.5	.7	.5	.4	.0	.1	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1
40.	.0	.1	.2	.5	.6	.5	.4	.0	.1	.1	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1
45.	.0	.1	.1	.5	.5	.6	.4	.2	.2	.1	.0	.0	.0	.0	.1	.3	.3	.2	.1	.1
50.	.0	.0	.1	.4	.5	.6	.4	.3	.3	.2	.1	.0	.0	.0	.1	.3	.3	.2	.2	.2
55.	.0	.0	.1	.3	.4	.4	.4	.3	.4	.4	.2	.0	.0	.0	.1	.3	.3	.3	.4	.2
60.	.0	.0	.0	.2	.3	.2	.2	.6	.7	.6	.3	.0	.0	.0	.1	.3	.3	.4	.4	.5
65.	.0	.0	.0	.1	.2	.2	.2	.7	.8	.8	.4	.0	.0	.0	.1	.3	.3	.4	.5	.5
70.	.0	.0	.0	.1	.2	.1	.1	.8	.9	.7	.6	.1	.0	.0	.1	.3	.3	.4	.5	.5
75.	.0	.0	.0	.1	.1	.1	.1	.8	.8	.8	.5	.2	.0	.0	.1	.3	.5	.4	.5	.7
80.	.0	.0	.0	.0	.1	.1	.0	.7	.8	.9	.6	.2	.0	.0	.1	.3	.5	.3	.5	.5
85.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.7	.6	.3	.2	.0	.1	.5	.6	.4	.4	.5
90.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.7	.5	.3	.2	.0	.1	.5	.6	.4	.3	.5
95.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.7	.5	.3	.2	.0	.1	.5	.6	.3	.2	.7
100.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.7	.5	.3	.2	.0	.1	.6	.6	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.5	.3	.2	.0	.1	.6	.6	.3	.5	.6
110.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0	.1	.6	.6	.2	.5	.5
115.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0	.1	.5	.5	.2	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0	.1	.4	.6	.2	.6	.5
125.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0	.1	.4	.4	.2	.6	.5
130.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.3	.2	.0	.2	.4	.3	.3	.6	.4
135.	.1	.1	.1	.0	.0	.0	.0	.6	.6	.6	.4	.3	.2	.0	.2	.3	.3	.3	.6	.4
140.	.2	.1	.2	.1	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0	.3	.3	.2	.3	.6	.4
145.	.3	.2	.3	.2	.0	.0	.0	.6	.6	.6	.5	.3	.2	.1	.3	.3	.4	.4	.6	.3
150.	.4	.3	.4	.3	.1	.0	.0	.6	.6	.7	.5	.4	.2	.2	.3	.2	.3	.4	.6	.3
155.	.5	.4	.5	.3	.1	.0	.0	.6	.6	.7	.5	.3	.2	.2	.2	.2	.3	.4	.5	.3
160.	.5	.5	.5	.4	.1	.1	.0	.6	.7	.7	.5	.3	.2	.2	.0	.3	.3	.3	.5	.3
165.	.6	.5	.7	.4	.1	.1	.0	.6	.7	.6	.5	.2	.2	.1	.0	.2	.2	.4	.5	.3
170.	.7	.5	.7	.4	.2	.1	.0	.6	.7	.8	.5	.2	.3	.1	.0	.2	.2	.4	.4	.3
175.	.7	.6	.6	.4	.2	.1	.0	.6	.7	.8	.4	.2	.2	.1	.0	.1	.2	.5	.4	.3
180.	.6	.6	.5	.4	.2	.1	.1	.7	.7	.7	.4	.3	.4	.0	.0	.1	.2	.5	.4	.3
185.	.6	.6	.5	.4	.2	.1	.1	.7	.7	.7	.3	.4	.4	.0	.0	.1	.2	.5	.3	.3
190.	.5	.5	.5	.3	.1	.1	.1	.8	.7	.7	.2	.4	.3	.0	.0	.1	.1	.5	.3	.3
195.	.5	.5	.4	.3	.1	.1	.1	.8	.7	.7	.3	.4	.3	.0	.0	.1	.1	.4	.3	.3
200.	.4	.5	.4	.3	.1	.1	.1	.9	.8	.8	.3	.4	.3	.0	.0	.1	.1	.4	.3	.3
205.	.4	.5	.4	.3	.1	.1	.1	.9	.8	.7	.4	.4	.3	.0	.0	.1	.1	.4	.3	.3

1

JOB: S13 NB30 AM 118CRYRCK

RUN: S13 NB30 AM 118 CRYRCK

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	.5	.4	.3	.1	.1	.1	.9	.8	.7	.4	.3	.3	.0	.0	.0	.1	.3	.4	.4
215.	.4	.5	.4	.3	.1	.1	.1	.9	.7	.6	.4	.3	.2	.0	.0	.0	.1	.3	.4	.4
220.	.4	.4	.4	.3	.1	.1	.1	1.0	.7	.8	.5	.3	.2	.0	.0	.0	.1	.3	.4	.4
225.	.4	.4	.4	.2	.2	.2	.1	1.0	.8	.8	.5	.3	.2	.0	.0	.0	.0	.3	.4	.4
230.	.5	.5	.5	.2	.2	.2	.1	1.0	.8	.6	.5	.3	.2	.0	.0	.0	.0	.3	.4	.5
235.	.5	.5	.5	.4	.2	.2	.1	.8	.6	.5	.3	.2	.2	.0	.0	.0	.0	.1	.4	.4
240.	.5	.5	.5	.3	.4	.2	.2	.8	.5	.3	.2	.2	.2	.0	.0	.0	.0	.1	.2	.3
245.	.5	.5	.5	.4	.5	.4	.4	.6	.4	.3	.2	.2	.2	.0	.0	.0	.0	.1	.2	.3
250.	.5	.5	.5	.5	.5	.3	.5	.4	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1
255.	.5	.5	.5	.5	.5	.4	.5	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.1	.1
260.	.5	.4	.7	.4	.3	.4	.5	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	.5	.4	.8	.4	.4	.4	.6	.0	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.5	.5	.8	.4	.4	.4	.5	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	.5	.5	.8	.3	.3	.4	.5	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	.5	.6	.7	.2	.4	.5	.4	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
285.	.5	.7	.7	.2	.5	.5	.4	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
290.	.6	.7	.7	.2	.5	.5	.4	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
295.	.6	.7	.7	.4	.5	.5	.4	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
300.	.6	.7	.6	.4	.5	.4	.4	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.6	.5	.6	.4	.5	.4	.4	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	.6	.4	.6	.4	.5	.4	.4	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	.7	.4	.5	.4	.4	.4	.4	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.6	.5	.6	.4	.4	.4	.4	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.6	.4	.6	.4	.4	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	.5	.2	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.4	.3	.3	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
340.	.2	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
345.	.1	.3	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0
350.	.1	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
355.	.0	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
360.	.0	.3	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.0

1

JOB: S13 NB30 AM 118CRYRCK

RUN: S13 NB30 AM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.7	.3	.3	.4	.3	
5.	.0	.2	.3	.7	.3	.3	.5	.3	
10.	.0	.2	.4	.7	.2	.4	.5	.3	
15.	.0	.2	.4	.7	.2	.4	.5	.3	
20.	.0	.2	.4	.7	.3	.5	.4	.3	
25.	.0	.2	.5	.6	.4	.5	.4	.3	
30.	.0	.2	.4	.7	.4	.5	.4	.2	
35.	.0	.2	.4	.8	.4	.4	.3	.2	
40.	.1	.3	.6	.7	.5	.4	.3	.2	
45.	.1	.3	.8	.7	.4	.4	.3	.2	
50.	.1	.3	.6	.6	.4	.3	.2	.2	
55.	.2	.4	.6	.6	.5	.3	.2	.2	
60.	.3	.2	.5	.4	.4	.2	.2	.2	
65.	.4	.1	.3	.4	.2	.2	.2	.2	
70.	.4	.1	.4	.2	.2	.2	.2	.2	
75.	.4	.1	.1	.1	.1	.2	.2	.2	
80.	.4	.0	.1	.1	.1	.2	.2	.2	
85.	.4	.1	.1	.1	.2	.2	.2	.2	
90.	.4	.1	.1	.1	.2	.2	.2	.2	
95.	.5	.1	.1	.1	.2	.2	.2	.2	
100.	.5	.1	.1	.1	.2	.2	.2	.3	
105.	.4	.1	.1	.1	.2	.2	.2	.3	
110.	.4	.1	.1	.1	.2	.2	.2	.3	
115.	.4	.1	.1	.1	.2	.2	.2	.3	
120.	.4	.1	.1	.1	.2	.2	.3	.3	
125.	.3	.0	.1	.1	.2	.3	.3	.3	
130.	.3	.0	.1	.1	.2	.3	.3	.3	
135.	.3	.0	.1	.1	.2	.3	.3	.3	
140.	.3	.0	.1	.1	.2	.3	.3	.3	
145.	.3	.0	.0	.1	.2	.2	.2	.3	
150.	.3	.0	.0	.1	.1	.2	.2	.2	
155.	.3	.0	.0	.0	.1	.1	.1	.2	
160.	.3	.0	.0	.0	.1	.1	.1	.1	
165.	.3	.0	.0	.0	.0	.0	.0	.0	
170.	.3	.0	.0	.0	.0	.0	.0	.0	
175.	.3	.0	.0	.0	.0	.0	.0	.0	
180.	.3	.0	.0	.0	.0	.0	.0	.0	
185.	.3	.0	.0	.0	.0	.0	.0	.0	
190.	.3	.0	.0	.0	.0	.0	.0	.0	
195.	.4	.0	.0	.0	.0	.0	.0	.0	
200.	.4	.0	.0	.0	.0	.0	.0	.0	
205.	.4	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 NB30 AM 118CRYRCK

RUN: S13 NB30 AM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0	
215.	.4	.0	.0	.0	.0	.0	.0	.0	
220.	.5	.0	.0	.0	.0	.0	.0	.0	
225.	.4	.1	.0	.0	.0	.0	.0	.0	
230.	.4	.1	.1	.1	.1	.0	.0	.0	
235.	.3	.1	.1	.1	.1	.0	.0	.0	
240.	.3	.1	.1	.1	.1	.2	.0	.0	
245.	.3	.3	.3	.2	.2	.0	.0	.0	
250.	.2	.3	.3	.3	.4	.0	.0	.0	
255.	.2	.3	.4	.4	.4	.0	.0	.0	
260.	.0	.3	.3	.4	.5	.1	.0	.0	
265.	.0	.2	.2	.3	.5	.2	.0	.0	
270.	.0	.2	.2	.3	.5	.2	.0	.0	
275.	.0	.2	.2	.4	.6	.2	.0	.0	
280.	.0	.2	.2	.4	.6	.2	.0	.0	
285.	.0	.2	.2	.4	.6	.2	.1	.0	
290.	.0	.2	.2	.4	.6	.2	.1	.0	
295.	.0	.3	.2	.5	.5	.2	.1	.0	
300.	.0	.2	.2	.5	.5	.2	.2	.0	
305.	.0	.2	.2	.5	.5	.2	.2	.0	
310.	.0	.2	.2	.6	.5	.2	.2	.0	
315.	.0	.2	.2	.6	.4	.2	.1	.0	
320.	.0	.2	.2	.6	.4	.2	.1	.0	
325.	.0	.2	.2	.6	.3	.2	.1	.1	
330.	.0	.2	.2	.6	.4	.2	.1	.1	
335.	.0	.2	.2	.6	.4	.2	.1	.2	
340.	.0	.2	.2	.6	.3	.1	.2	.2	
345.	.0	.2	.2	.6	.3	.1	.1	.3	
350.	.0	.2	.2	.7	.3	.1	.1	.3	
355.	.0	.2	.2	.7	.3	.1	.3	.3	
360.	.0	.2	.2	.7	.3	.3	.4	.3	

MAX DEGR. * 95 55 45 35 275 20 5 0

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 220 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 70 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 80 DEGREES FROM REC10 .

1

JOB: S13 NB30 AM 118CRYRCK
DATE: 01/03/2007 TIME: 11:51:16.66

S13NB30A.OUT
RUN: S13 NB30 AM 118 CRYRCK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC4 20	REC5 35	REC6 20	REC7 265	REC8 220	REC9 70	REC10 80	REC11 70	REC12 150	REC13 180	REC14 150	REC15 140	REC16 100	REC17 85	REC18 175	REC19 115	REC20 75
		REC1 170	REC2 285	REC3 265																	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.3	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.1	.1	.1	.1	.1	.2	.3	.2	.1	.0	.0	.0	.1	.1	.0	.0	.1
34	*	.0	.0	.0	.2	.2	.2	.1	.5	.3	.4	.2	.0	.0	.0	.0	.1	.1	.0	.0	.1
35	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2	.3
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
38	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2	.1
39	*	.0	.0	.0	.2	.3	.2	.3	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1

1

JOB: S13 NB30 AM 118CRYRCK
DATE: 01/03/2007 TIME: 11:51:16.66

RUN: S13 NB30 AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC24 35	REC25 275	REC26 20	REC27 5	REC28 0
		REC21 95	REC22 55	REC23 45					
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.0	.0	.0	.0	.2	.2	.3
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.1	.0
34	*	.0	.0	.1	.1	.0	.1	.1	.0
35	*	.3	.1	.1	.1	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.1	.1	.1	.0	.0	.0
38	*	.0	.0	.3	.4	.4	.0	.0	.0
39	*	.0	.1	.1	.0	.0	.1	.1	.0

S13NB30P.DAT

S13 NB30 PM 118CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC 1400'	SE CORNER	238219.	551265.	5.	
REC 2 164'	SE CORNER	238112.	551475.	5.	
REC 3 82'	SE CORNER	238073.	551546.	5.	
REC 4 SE CORNER		238047.	551623.	5.	
REC 5 82'	ES CORNER	238123.	551675.	5.	
REC 6 164'	ES CORNER	238193.	551712.	5.	
REC 7 400'	ES CORNER	238399.	551825.	5.	
REC 8 400'	EN CORNER	238346.	551927.	5.	
REC 9 164'	EN CORNER	238145.	551818.	5.	
REC 10 82'	EN CORNER	238074.	551780.	5.	
REC 11 NE CORNER		237986.	551746.	5.	
REC 12 82'	NE CORNER	237925.	551811.	5.	
REC 13 164'	NE CORNE	237885.	551884.	5.	
REC 14 400'	NE CORNE	237778.	552095.	5.	
REC 15 400'	NW CORNE	237681.	552061.	5.	
REC 16 164'	NW CORNE	237804.	551851.	5.	
REC 17 82'	NW CORNER	237840.	551788.	5.	
REC 18 NW CORNER		237870.	551688.	5.	
REC 19 82'	WN CORNER	237813.	551636.	5.	
REC 20 164'	WN CORNE	237736.	551594.	5.	
REC 21 400'	WN CORNE	237524.	551477.	5.	
REC 22 400'	WSCORNER	237589.	551382.	5.	
REC 23 164'	WSCORNER	237795.	551494.	5.	
REC 24 82'	WSCORNER	237866.	551533.	5.	
REC 25 SW CORNER		237943.	551565.	5.	
REC 26 82'	SW CORNER	237999.	551501.	5.	
REC 27 164'	SW CORNE	238040.	551430.	5.	
REC 28 400'	SW CORNE	238161.	551225.	5.	

S13 NB30 PM 118 CRYRCK	39	1	1

1					
1	NB CR	AG238136.550647.238123.550715.	300 2.7 0. 32.	35.	
2					
1	NB CR	AG238123.550715.238124.550780.	300 2.7 0. 32.	35.	
3					
1	NB CR	AG238124.550780.238151.550871.	300 2.7 0. 32.	35.	
4					
1	NB CR	AG238151.550871.238214.550972.	300 2.7 0. 32.	35.	
5					
1	NB CR	AG238214.550972.238235.551048.	300 2.7 0. 32.	35.	
6					
1	NB CR	AG238235.551048.238239.551129.	300 2.7 0. 32.	35.	
7					
1	NB CR	AG238239.551129.238211.551241.	300 2.7 0. 32.	35.	
8					
1	NB CR	AG238211.551241.238122.551402.	300 2.7 0. 44.	35.	
9					
1	NB CR	AG238122.551402.238062.551518.	300 2.7 0. 44.	35.	
10					
1	NB CR	AG238062.551518.237985.551664.	300 2.7 0. 44.	35.	
2					
11	NB CR TQ	AG238016.551605.238059.551523.	0. 24. 2		
120		2.0 300 29.1 1564 2 3			
1					
12	NB CR	AG237985.551664.237834.551929.	650 2.7 0. 44.	35.	
1					
13	NB CR	AG237834.551929.237644.552319.	650 2.7 0. 44.	35.	
1					
14	NB CR	AG237644.552319.237535.552511.	650 2.7 0. 44.	35.	
1					
15	NB CR	AG237535.552511.237498.552627.	650 2.7 0. 44.	35.	
1					
16	SB CR	AG237429.552593.237453.552511.	200 2.7 0. 44.	35.	
1					
17	SB CR	AG237453.552511.237632.552185.	200 2.7 0. 44.	35.	
1					
18	SB CR	AG237632.552185.237799.551908.	200 2.7 0. 44.	35.	
1					
36	SB CR T	AG237799.551908.237953.551648.	50 2.7 0. 32.	35.	
2					
11	SB CR TQ	AG237893.551729.237799.551908.	0. 12. 1		
120		89 2.0 50 29.1 1723 2 3			
1					
38	SB CR L	AG237858.551830.237948.551669.	150 2.7 0. 44.	35.	
2					
11	SB CR LQ	AG237922.551714.237858.551830.	0. 24. 2		
120		89 2.0 150 29.1 1717 2 3			
1					
21	SB CR	AG237953.551648.238072.551418.	550 2.7 0. 56.	35.	
1					
22	SB CR	AG238072.551418.238159.551282.	550 2.7 0. 56.	35.	
1					
23	SB CR	AG238159.551282.238207.551180.	550 2.7 0. 56.	35.	
1					
24	SB CR	AG238207.551180.238220.551099.	550 2.7 0. 56.	35.	
1					
25	SB CR	AG238220.551099.238210.551002.	550 2.7 0. 56.	35.	
1					
26	SB CR	AG238210.551002.238122.550854.	550 2.7 0. 56.	35.	
1					
27	SB CR	AG238122.550854.238103.550762.	550 2.7 0. 56.	35.	
1					
28	SB CR	AG238103.550762.238116.550642.	550 2.7 0. 56.	35.	
1					
29	WB 118	AG238860.552200.238426.551937.	2050 2.9 0. 56.	40.	
1					
30	WB 118	AG238426.551937.238223.551830.	2050 2.9 0. 56.	40.	
1					
30	WB 118 T	AG238223.551830.237955.551674.	2050 2.9 0. 68.	40.	
2					
32	WB 118 TQ	AG238019.551711.238142.551783.	0. 36. 3		
120		47 2.0 2050 29.1 1335 2 3			
1					
33	WB 118	AG237955.551674.237496.551431.	1250 2.9 0. 56.	40.	
1					
34	WB 118	AG237496.551431.237026.551174.	1250 2.9 0. 56.	40.	

Page 1

34	1	EB 118	AG237061.551123.237978.551633.	1600 2.9	0. 68.	40.
35	2	E 118 TQ	AG237916.551598.237725.551492.	0. 48.	4	
		120	75 2.0 1600 29.1 1323 2 3			
37	1	EB 118	AG237978.551633.238891.552144.	1900 2.9	0. 68.	40.
1.0		0.4 1000. 0.0Y	5 0 72			

JOB: S13 NB30 PM 118CRYRCK
DATE: 12/18/2006 TIME: 15:31:31.96

RUN: S13 NB30 PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	300.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	300.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	300.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	300.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	300.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	300.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	300.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	300.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	300.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	300.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238354.4	550959.6	*	729.	152. AG	142. 100.0	.0	24.0	1.65	37.0
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	650.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	650.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	650.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	650.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	2.7	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	2.7	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237881.7	551750.5	*	24.	332. AG	58. 100.0	.0	12.0	.13	1.2
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	2.7	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237904.4	551745.9	*	36.	331. AG	116. 100.0	.0	24.0	.19	1.9
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	550.	2.7	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	550.	2.7	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	550.	2.7	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	550.	2.7	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	550.	2.7	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	550.	2.7	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	550.	2.7	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	550.	2.7	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2050.	2.9	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2050.	2.9	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2050.	2.9	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238181.0	551805.9	*	188.	60. AG	92. 100.0	.0	36.0	.89	9.5
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1250.	2.9	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1250.	2.9	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1600.	2.9	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237760.4	551511.7	*	178.	241. AG	195. 100.0	.0	48.0	.88	9.0
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1900.	2.9	.0	68.0	

JOB: S13 NB30 PM 118CRYRCK
DATE: 12/18/2006 TIME: 15:31:31.96

RUN: S13 NB30 PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	120	109	2.0	300	1564	29.10	2	3
20. 11	SB CR TQ	120	89	2.0	50	1723	29.10	2	3
22. 11	SB CR LQ	120	89	2.0	150	1717	29.10	2	3
34. 32	WB 118 TQ	120	47	2.0	2050	1335	29.10	2	3
38. 35	E 118 TQ	120	75	2.0	1600	1323	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*
14. REC 14 400' NE CORNE	*	237778.0	552095.0	5.0	*
15. REC 15 400' NW CORNE	*	237681.0	552061.0	5.0	*
16. REC 16 164' NW CORNE	*	237804.0	551851.0	5.0	*
17. REC 17 82' NW CORNER	*	237840.0	551788.0	5.0	*
18. REC 18 NW CORNER	*	237870.0	551688.0	5.0	*
19. REC 19 82' WN CORNER	*	237813.0	551636.0	5.0	*
20. REC 20 164' WN CORNE	*	237736.0	551594.0	5.0	*
21. REC 21 400' WN CORNE	*	237524.0	551477.0	5.0	*
22. REC 22 400' WSCORNER	*	237589.0	551382.0	5.0	*
23. REC 23 164' WSCORNER	*	237795.0	551494.0	5.0	*
24. REC 24 82' WSCORNER	*	237866.0	551533.0	5.0	*
25. REC 25 SW CORNER	*	237943.0	551565.0	5.0	*
26. REC 26 82' SW CORNER	*	237999.0	551501.0	5.0	*
27. REC 27 164' SW CORNE	*	238040.0	551430.0	5.0	*
28. REC 28 400' SW CORNE	*	238161.0	551225.0	5.0	*

JOB: S13 NB30 PM 118CRYRCK

RUN: S13 NB30 PM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.1	.4	.4	.4	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.0	.1	.3	.4	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.1	.2	.4	.5	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
55.	.0	.0	.1	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
60.	.0	.0	.0	.2	.2	.2	.2	.2	.4	.5	.3	.0	.0	.0	.0	.0	.0	.3	.4	.3
65.	.0	.0	.0	.1	.2	.2	.1	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3
70.	.0	.0	.0	.1	.1	.1	.1	.4	.4	.6	.4	.0	.0	.0	.0	.0	.0	.4	.4	.3
75.	.0	.0	.0	.0	.1	.1	.1	.4	.4	.6	.5	.1	.0	.0	.0	.0	.0	.3	.4	.3
80.	.0	.0	.0	.0	.1	.0	.0	.4	.5	.6	.5	.1	.0	.0	.0	.0	.1	.3	.3	.5
85.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.5	.1	.0	.0	.0	.0	.1	.3	.2	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.5	.3	.0	.0	.0	.0	.3	.3	.3	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.5	.3	.0	.0	.0	.0	.3	.3	.3	.6
100.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.5	.3	.0	.0	.0	.0	.3	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.5	.3	.0	.0	.0	.1	.3	.3	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.3	.1	.0	.0	.2	.3	.3	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.3	.2	.0	.0	.1	.3	.2	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.5	.3	.2	.0	.0	.1	.3	.2	.6	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.4	.3	.2	.0	.0	.0	.3	.3	.6	.6
130.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.5	.3	.3	.2	.0	.0	.1	.2	.4	.6	.6
135.	.1	.1	.1	.0	.0	.0	.0	.3	.5	.5	.3	.3	.1	.0	.0	.1	.2	.4	.6	.6
140.	.1	.1	.2	.1	.0	.0	.0	.3	.6	.5	.5	.3	.2	.0	.1	.1	.2	.5	.6	.5
145.	.2	.2	.3	.2	.0	.0	.0	.3	.6	.6	.5	.4	.2	.1	.1	.1	.1	.5	.6	.5
150.	.3	.3	.4	.2	.0	.0	.0	.3	.6	.6	.5	.4	.2	.2	.1	.1	.1	.4	.5	.5
155.	.4	.4	.5	.3	.1	.0	.0	.3	.6	.7	.5	.4	.2	.2	.1	.2	.2	.5	.5	.4
160.	.5	.5	.5	.4	.1	.0	.0	.3	.6	.6	.5	.4	.2	.2	.1	.2	.2	.4	.5	.4
165.	.6	.5	.6	.4	.1	.1	.0	.3	.7	.6	.4	.2	.2	.1	.1	.1	.1	.4	.5	.3
170.	.6	.6	.6	.4	.2	.1	.0	.3	.7	.7	.4	.3	.2	.1	.0	.1	.1	.4	.5	.3
175.	.6	.5	.6	.4	.2	.1	.0	.3	.7	.8	.3	.3	.2	.2	.0	.1	.2	.5	.5	.3
180.	.6	.5	.6	.4	.2	.1	.0	.3	.7	.8	.3	.3	.2	.1	.0	.1	.2	.5	.5	.2
185.	.5	.5	.5	.4	.2	.1	.0	.4	.7	.7	.1	.3	.2	.1	.0	.1	.1	.5	.5	.2
190.	.5	.5	.5	.4	.2	.1	.1	.4	.7	.7	.1	.4	.2	.1	.0	.1	.1	.5	.5	.2
195.	.5	.5	.5	.4	.2	.1	.1	.4	.7	.7	.3	.4	.2	.1	.0	.0	.1	.5	.5	.2
200.	.5	.4	.5	.3	.2	.1	.1	.4	.7	.7	.3	.4	.2	.1	.0	.0	.2	.5	.4	.2
205.	.5	.4	.4	.3	.1	.1	.1	.4	.7	.6	.3	.5	.1	.1	.0	.0	.1	.4	.4	.2

1

JOB: S13 NB30 PM 118CRYRCK

RUN: S13 NB30 PM 118 CRYRCK

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	.4	.4	.3	.1	.1	.1	.4	.8	.6	.5	.4	.1	.1	.0	.0	.1	.4	.3	.2
215.	.4	.4	.4	.3	.1	.1	.1	.4	.7	.7	.5	.3	.1	.1	.0	.0	.1	.4	.4	.3
220.	.4	.4	.4	.3	.1	.1	.1	.3	.8	.6	.5	.2	.1	.1	.0	.0	.0	.3	.4	.3
225.	.4	.4	.4	.3	.1	.1	.1	.5	.9	.6	.5	.2	.1	.1	.0	.0	.0	.3	.3	.3
230.	.4	.4	.4	.4	.3	.2	.1	.5	.7	.6	.3	.1	.1	.1	.0	.0	.0	.2	.3	.3
235.	.4	.4	.4	.4	.4	.4	.1	.5	.7	.6	.3	.1	.1	.1	.0	.0	.0	.2	.2	.2
240.	.4	.4	.4	.5	.4	.3	.2	.4	.5	.5	.3	.1	.1	.1	.0	.0	.0	.1	.2	.2
245.	.4	.4	.4	.4	.4	.4	.2	.3	.3	.1	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1
250.	.4	.4	.5	.6	.5	.4	.4	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
255.	.4	.4	.6	.7	.5	.5	.4	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	.4	.4	.6	.5	.5	.4	.4	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	.4	.5	.7	.5	.4	.4	.4	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	.4	.6	.7	.4	.3	.4	.4	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	.4	.6	.7	.4	.3	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	.5	.6	.7	.3	.3	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.5	.5	.6	.2	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.5	.6	.7	.1	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.5	.6	.7	.1	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.6	.6	.5	.2	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.7	.6	.4	.2	.4	.4	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.7	.5	.4	.2	.4	.4	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.7	.4	.3	.2	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	.6	.4	.4	.2	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	.5	.3	.3	.3	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	.4	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
335.	.3	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
340.	.2	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
345.	.1	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.2	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.7	.6	.7	.7	.5	.5	.4	.5	.9	.8	.5	.5	.2	.2	.1	.2	.3	.5	.6	.6

1

JOB: S13 NB30 PM 118CRYRCK

RUN: S13 NB30 PM 118 CRYRCK

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.8	.8	.1	.4	.3	.3
5.	*	.0	.3	.8	.8	.1	.4	.4	.3
10.	*	.0	.3	.9	.9	.2	.5	.4	.4
15.	*	.0	.3	.9	.9	.2	.6	.4	.4
20.	*	.0	.3	1.0	.9	.3	.6	.4	.3
25.	*	.0	.3	1.0	.9	.4	.6	.4	.3
30.	*	.0	.3	1.0	.9	.4	.5	.4	.3
35.	*	.0	.3	1.0	.8	.4	.3	.4	.3
40.	*	.0	.4	.9	1.0	.4	.3	.3	.3
45.	*	.0	.4	1.1	.9	.5	.3	.3	.3
50.	*	.1	.4	1.0	.8	.5	.3	.2	.3
55.	*	.1	.3	.8	.6	.3	.3	.2	.3
60.	*	.2	.3	.7	.4	.2	.2	.2	.3
65.	*	.3	.3	.4	.4	.2	.3	.2	.3
70.	*	.4	.2	.5	.4	.2	.2	.2	.3
75.	*	.4	.1	.3	.2	.1	.2	.2	.3
80.	*	.4	.2	.2	.1	.2	.2	.2	.3
85.	*	.4	.1	.1	.1	.2	.2	.2	.3
90.	*	.5	.1	.1	.1	.2	.2	.2	.3
95.	*	.4	.1	.1	.1	.2	.2	.2	.3
100.	*	.3	.1	.1	.1	.2	.3	.2	.4
105.	*	.3	.1	.1	.1	.2	.3	.3	.4
110.	*	.3	.1	.1	.1	.2	.3	.3	.3
115.	*	.2	.0	.1	.1	.2	.4	.3	.4
120.	*	.2	.0	.1	.1	.2	.4	.3	.4
125.	*	.2	.0	.1	.1	.2	.4	.3	.4
130.	*	.2	.0	.1	.1	.2	.4	.3	.3
135.	*	.2	.0	.1	.1	.2	.4	.3	.3
140.	*	.2	.0	.0	.1	.2	.4	.3	.3
145.	*	.2	.0	.0	.1	.2	.2	.2	.2
150.	*	.2	.0	.0	.0	.1	.2	.2	.2
155.	*	.2	.0	.0	.0	.1	.1	.1	.1
160.	*	.2	.0	.0	.0	.0	.1	.1	.1
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 NB30 PM 118CRYRCK

RUN: S13 NB30 PM 118 CRYRCK

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.3	.0	.0	.0	.0	.0	.0	.0
220.	*	.3	.1	.0	.0	.0	.0	.0	.0
225.	*	.3	.1	.1	.1	.0	.0	.0	.0
230.	*	.3	.1	.1	.2	.2	.0	.0	.0
235.	*	.3	.2	.2	.3	.2	.0	.0	.0
240.	*	.2	.2	.2	.4	.3	.0	.0	.0
245.	*	.2	.2	.2	.5	.5	.0	.0	.0
250.	*	.1	.2	.2	.6	.6	.1	.0	.0
255.	*	.0	.3	.3	.7	.6	.1	.0	.0
260.	*	.0	.3	.3	.9	.8	.2	.0	.0
265.	*	.0	.3	.4	.9	.9	.2	.0	.0
270.	*	.0	.3	.4	.9	.9	.2	.1	.0
275.	*	.0	.3	.5	.9	.9	.3	.1	.0
280.	*	.0	.3	.5	1.0	.8	.3	.1	.0
285.	*	.0	.3	.5	.9	.7	.3	.1	.0
290.	*	.0	.2	.6	.9	.7	.3	.1	.0
295.	*	.0	.2	.6	.9	.7	.3	.1	.0
300.	*	.0	.1	.6	.8	.6	.3	.1	.0
305.	*	.0	.1	.6	.8	.6	.3	.2	.0
310.	*	.0	.1	.6	.7	.6	.3	.1	.1
315.	*	.0	.2	.7	.7	.5	.2	.1	.1
320.	*	.0	.2	.7	.8	.5	.2	.1	.1
325.	*	.0	.2	.8	.8	.4	.2	.1	.2
330.	*	.0	.2	.8	.8	.3	.2	.2	.1
335.	*	.0	.2	.8	.8	.3	.2	.1	.2
340.	*	.0	.2	.8	.8	.3	.1	.2	.2
345.	*	.0	.2	.8	.7	.2	.1	.2	.3
350.	*	.0	.2	.8	.7	.2	.1	.2	.3
355.	*	.0	.2	.8	.7	.1	.1	.3	.3
360.	*	.0	.2	.8	.8	.1	.4	.3	.3

MAX DEGR.	* 90	* 40	* 45	* 40	* 265	* 15	* 5	* 10
MAX	.5	.4	1.1	1.0	.9	.6	.4	.4

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 45 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 225 DEGREES FROM REC9 .

1

JOB: S13 NB30 PM 118CRYRCK
DATE: 12/18/2006 TIME: 15:31:31.96

S13NB30P.OUT
RUN: S13 NB30 PM 118 CRYRCK

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 305	REC2 170	REC3 290	REC4 255	REC5 250	REC6 50	REC7 15	REC8 225	REC9 225	REC10 175	REC11 75	REC12 205	REC13 115	REC14 150	REC15 140	REC16 110	REC17 90	REC18 140	REC19 120	REC20 95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.6	.6	.5	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.0	.1	.0	.0	.1	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.0	.1	.0	.0	.1	.1	.0	.0	.0
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
38	*	.1	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.3	.3
39	*	.0	.0	.0	.1	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

JOB: S13 NB30 PM 118CRYRCK
DATE: 12/18/2006 TIME: 15:31:31.96

RUN: S13 NB30 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 40	REC23 45	REC24 40	REC25 265	REC26 15	REC27 5	REC28 10
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.0	.0	.0	.0	.2	.2	.3
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.1
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.0	.0
34	*	.0	.0	.0	.1	.0	.1	.0	.0
35	*	.2	.1	.0	.0	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.2	.2	.2	.0	.0	.0
38	*	.1	.1	.7	.5	.6	.0	.0	.0
39	*	.0	.0	.1	.1	.0	.1	.1	.0

13B130BA.DAT

S13	B130	AM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1
REC	1400'	SE	CORNER	238219.	551265.	5.	
REC	2 164'	SE	CORNER	238112.	551475.	5.	
REC	3 82'	SE	CORNER	238073.	551546.	5.	
REC	4 SE	CORNER		238047.	551623.	5.	
REC	5 82'	ES	CORNER	238123.	551675.	5.	
REC	6 164'	ES	CORNER	238193.	551712.	5.	
REC	7 400'	ES	CORNER	238399.	551825.	5.	
REC	8 400'	EN	CORNER	238346.	551927.	5.	
REC	9 164'	EN	CORNER	238145.	551818.	5.	
REC	10 82'	EN	CORNER	238074.	551780.	5.	
REC	11 NE	CORNER		237986.	551746.	5.	
REC	12 82'	NE	CORNER	237925.	551811.	5.	
REC	13 164'	NE	CORNE	237885.	551884.	5.	
REC	14 400'	NE	CORNE	237778.	552095.	5.	
REC	15 400'	NW	CORNE	237681.	552061.	5.	
REC	16 164'	NW	CORNE	237804.	551851.	5.	
REC	17 82'	NW	CORNER	237840.	551788.	5.	
REC	18 NW	CORNER		237870.	551688.	5.	
REC	19 82'	WN	CORNER	237813.	551636.	5.	
REC	20 164'	WN	CORNE	237736.	551594.	5.	
REC	21 400'	WN	CORNE	237524.	551477.	5.	
REC	22 400'	WSCORNER		237589.	551382.	5.	
REC	23 164'	WSCORNER		237795.	551494.	5.	
REC	24 82'	WSCORNER		237866.	551533.	5.	
REC	25 SW	CORNER		237943.	551565.	5.	
REC	26 82'	SW	CORNER	237999.	551501.	5.	
REC	27 164'	SW	CORNE	238040.	551430.	5.	
REC	28 400'	SW	CORNE	238161.	551225.	5.	
S13	B130	AM	118	CRYRCK	45	1	1
1							
1	NB	CR		AG238136.550647.238123.550715.	570	2.7	0. 32. 35.
2							
1	NB	CR		AG238123.550715.238124.550780.	570	2.7	0. 32. 35.
3							
1	NB	CR		AG238124.550780.238151.550871.	570	2.7	0. 32. 35.
4							
1	NB	CR		AG238151.550871.238214.550972.	570	2.7	0. 32. 35.
5							
1	NB	CR		AG238214.550972.238235.551048.	570	2.7	0. 32. 35.
6							
1	NB	CR		AG238235.551048.238239.551129.	570	2.7	0. 32. 35.
7							
1	NB	CR		AG238239.551129.238211.551241.	570	2.7	0. 32. 35.
8							
1	NB	CR		AG238211.551241.238122.551402.	570	2.7	0. 44. 35.
9							
1	NB	CR		AG238122.551402.238062.551518.	570	2.7	0. 44. 35.
10							
1	NB	CR		AG238062.551518.237985.551664.	570	2.7	0. 44. 35.
2							
11	NB	CR	TQ	AG238016.551605.238059.551523.	0.	24.	2
150				2.0 570 29.1 1523 2 3			
1							
12	NB	CR		AG237985.551664.237834.551929.	150	2.7	0. 44. 35.
1							
13	NB	CR		AG237834.551929.237644.552319.	150	2.7	0. 44. 35.
1							
14	NB	CR		AG237644.552319.237535.552511.	150	2.7	0. 44. 35.
1							
15	NB	CR		AG237535.552511.237498.552627.	150	2.7	0. 44. 35.
1							
16	SB	CR		AG237429.552593.237453.552511.	600	2.7	0. 44. 35.
1							
17	SB	CR		AG237453.552511.237632.552185.	600	2.7	0. 44. 35.
1							
18	SB	CR		AG237632.552185.237799.551908.	600	2.7	0. 44. 35.
1							
36	SB	CR	T	AG237799.551908.237953.551648.	75	2.7	0. 32. 35.
2							
11	SB	CR	TQ	AG237893.551729.237799.551908.	0.	12.	1
150				2.0 75 29.1 1676 2 3			
1							
38	SB	CR	L	AG237858.551830.237948.551669.	525	2.7	0. 44. 35.
2							
11	SB	CR	LQ	AG237922.551714.237858.551830.	0.	24.	2
150				2.0 525 29.1 1717 2 3			
1							
21	SB	CR		AG237953.551648.238072.551418.	200	2.7	0. 56. 35.
1							
22	SB	CR		AG238072.551418.238159.551282.	200	2.7	0. 56. 35.
1							
23	SB	CR		AG238159.551282.238207.551180.	200	2.7	0. 56. 35.
1							
24	SB	CR		AG238207.551180.238220.551099.	200	2.7	0. 56. 35.
1							
25	SB	CR		AG238220.551099.238210.551002.	200	2.7	0. 56. 35.
1							
26	SB	CR		AG238210.551002.238122.550854.	200	2.7	0. 56. 35.
1							
27	SB	CR		AG238122.550854.238103.550762.	200	2.7	0. 56. 35.
1							
28	SB	CR		AG238103.550762.238116.550642.	200	2.7	0. 56. 35.
1							
29	WB	118		AG238860.552200.238426.551937.	2350	2.9	0. 56. 40.
1							
30	WB	118		AG238426.551937.238223.551830.	2350	2.9	0. 56. 40.
1							
30	WB	118	T	AG238223.551830.237955.551674.	2350	2.9	0. 68. 40.
2							
32	WB	118	TQ	AG238019.551711.238142.551783.	0.	36.	3
150				2.0 2350 29.1 1827 2 3			
1							
33	WB	118		AG237955.551674.237496.551431.	2170	2.9	0. 56. 40.
1							
34	WB	118		AG237496.551431.237026.551174.	2170	2.9	0. 56. 40.

13B130BA.DAT									
1									
34		EB 118	AG237061.551123.237978.551633.	1100	2.9	0.	68.	40.	
2									
35		E 118 TQ	AG237916.551598.237725.551492.			0.	48.	4	
	150	70	2.0 1100 29.1 1293 2 3						
1									
37		EB 118	AG237978.551633.238891.552144.	2100	2.9	0.	68.	40.	
1									
		NB BUS	AG237753.552712.238481.551326.	18	0.4	0.	32.	28.	
1									
		NB BUS	AG238481.551326.238521.551019.	18	0.4	0.	32.	28.	
1									
		NB BUS	AG238521.551019.238410.550734.	18	0.4	0.	32.	28.	
1									
		SB BUS	AG238539.550717.238487.550996.	19	0.4	0.	32.	28.	
1									
		SB BUS	AG238487.550996.238439.551312.	19	0.4	0.	32.	28.	
1									
		SB BUS	AG238439.551312.237716.552703.	19	0.4	0.	32.	28	
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S13 B130 AM 118CRYRCK
DATE: 01/10/2007 TIME: 14:02:22.38

RUN: S13 B130 AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	570.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	570.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	570.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	570.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	570.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	570.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	570.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	570.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	570.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	570.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238513.6	550656.2	*	1071.	152. AG	131.	100.0	.0	24.0	1.40 54.4
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	150.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	150.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	150.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	150.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	600.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	600.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	600.	2.7	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	75.	2.7	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237870.3	551772.2	*	49.	332. AG	62.	100.0	.0	12.0	.25 2.5
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	525.	2.7	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237837.4	551867.3	*	175.	331. AG	124.	100.0	.0	24.0	.85 8.9
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	200.	2.7	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	200.	2.7	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	200.	2.7	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	200.	2.7	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	200.	2.7	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	200.	2.7	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	200.	2.7	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	200.	2.7	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2350.	2.9	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2350.	2.9	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2350.	2.9	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238240.7	551840.8	*	257.	60. AG	94.	100.0	.0	36.0	.75 13.1
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2170.	2.9	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2170.	2.9	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1100.	2.9	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237824.0	551547.0	*	105.	241. AG	146.	100.0	.0	48.0	.42 5.3
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	2100.	2.9	.0	68.0	
40.	NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	18.	.4	.0	32.0	
41.	NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	18.	.4	.0	32.0	
42.	NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	18.	.4	.0	32.0	
43.	SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	19.	.4	.0	32.0	
44.	SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	19.	.4	.0	32.0	

JOB: S13 B130 AM 118CRYRCK
DATE: 01/10/2007 TIME: 14:02:22.38

RUN: S13 B130 AM 118 CRYRCK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	19.	.4	.0	32.0	

JOB: S13 B130 AM 118CRYRCK
DATE: 01/10/2007 TIME: 14:02:22.38

RUN: S13 B130 AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	150	126	2.0	570	1523	29.10	2	3
20. 11	SB CR TQ	150	119	2.0	75	1676	29.10	2	3
22. 11	SB CR LQ	150	119	2.0	525	1717	29.10	2	3
34. 32	WB 118 TQ	150	60	2.0	2350	1827	29.10	2	3
38. 35	E 118 TQ	150	70	2.0	1100	1293	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B130BA.OUT

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0 *
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0 *
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0 *
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0 *
18. REC 18 NW CORNER *	237870.0	551688.0	5.0 *
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0 *
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0 *
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0 *
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0 *
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0 *
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0 *
25. REC 25 SW CORNER *	237943.0	551565.0	5.0 *
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0 *
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0 *
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0 *

1

JOB: S13 B130 AM 118CRYRCK

RUN: S13 B130 AM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.3	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.0	.0
5.	.0	.3	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.1	.0
10.	.0	.2	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
15.	.0	.1	.4	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
20.	.0	.1	.4	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
25.	.0	.1	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.1
30.	.0	.1	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
35.	.0	.1	.4	.6	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
40.	.0	.1	.5	.6	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
45.	.0	.1	.5	.4	.5	.4	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
50.	.0	.1	.4	.4	.5	.4	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.1	.2
55.	.0	.1	.2	.3	.4	.4	.2	.3	.4	.2	.0	.0	.0	.0	.1	.1	.3	.2	.4	.1
60.	.0	.0	.2	.3	.2	.2	.4	.6	.5	.3	.0	.0	.0	.0	.1	.1	.3	.4	.4	.4
65.	.0	.0	.1	.2	.2	.2	.4	.6	.6	.3	.0	.0	.0	.0	.1	.1	.3	.4	.4	.5
70.	.0	.0	.1	.2	.1	.1	.5	.7	.6	.5	.0	.0	.0	.0	.1	.2	.3	.4	.5	.5
75.	.0	.0	.1	.1	.1	.1	.5	.6	.8	.5	.1	.0	.0	.0	.1	.2	.4	.4	.5	.6
80.	.0	.0	.0	.1	.1	.0	.4	.7	.8	.5	.1	.0	.0	.0	.1	.2	.5	.3	.4	.5
85.	.0	.0	.0	.0	.0	.0	.4	.7	.7	.5	.3	.1	.0	.0	.1	.3	.6	.4	.4	.4
90.	.0	.0	.0	.0	.0	.0	.4	.7	.7	.5	.3	.1	.0	.0	.1	.4	.6	.4	.3	.6
95.	.0	.0	.0	.0	.0	.0	.4	.7	.7	.5	.3	.1	.0	.0	.1	.5	.6	.3	.2	.6
100.	.0	.0	.0	.0	.0	.0	.3	.6	.7	.5	.3	.1	.0	.0	.1	.5	.6	.3	.5	.6
105.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.3	.2	.0	.0	.1	.6	.6	.3	.5	.6
110.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.3	.3	.0	.0	.1	.6	.7	.2	.5	.6
115.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.3	.3	.0	.0	.1	.5	.6	.2	.6	.5
120.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.3	.3	.0	.0	.1	.4	.6	.2	.6	.5
125.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.5	.3	.2	.0	.0	.1	.4	.4	.2	.6	.5
130.	.0	.0	.0	.0	.0	.0	.3	.6	.6	.4	.3	.2	.0	.0	.1	.4	.4	.3	.6	.5
135.	.1	.1	.1	.0	.0	.0	.3	.6	.6	.4	.3	.2	.0	.0	.2	.3	.4	.3	.6	.4
140.	.2	.1	.2	.1	.0	.0	.3	.6	.6	.5	.3	.2	.0	.0	.3	.3	.3	.3	.6	.4
145.	.3	.2	.3	.2	.0	.0	.3	.6	.6	.5	.3	.2	.1	.0	.3	.3	.5	.4	.6	.3
150.	.4	.3	.4	.3	.1	.0	.3	.6	.7	.5	.4	.2	.1	.0	.3	.2	.4	.4	.6	.3
155.	.5	.4	.5	.3	.1	.0	.3	.6	.7	.5	.3	.2	.2	.0	.2	.1	.2	.3	.4	.5
160.	.5	.5	.5	.4	.1	.1	.0	.3	.7	.7	.5	.3	.2	.2	.0	.3	.3	.3	.5	.3
165.	.6	.5	.7	.4	.1	.1	.0	.3	.7	.6	.5	.2	.2	.1	.0	.2	.2	.4	.5	.3
170.	.6	.5	.7	.4	.2	.1	.0	.3	.7	.8	.5	.2	.3	.1	.0	.2	.2	.4	.4	.3
175.	.7	.6	.5	.4	.2	.1	.0	.3	.7	.8	.4	.2	.2	.0	.0	.2	.2	.4	.4	.3
180.	.6	.6	.5	.4	.2	.1	.1	.4	.7	.7	.4	.3	.4	.0	.0	.1	.2	.5	.4	.3
185.	.6	.6	.5	.4	.2	.1	.1	.4	.7	.7	.3	.4	.4	.0	.0	.1	.2	.5	.4	.3
190.	.5	.5	.5	.3	.2	.1	.1	.4	.7	.7	.2	.4	.3	.0	.0	.1	.1	.5	.3	.3
195.	.5	.5	.4	.3	.1	.1	.1	.4	.7	.7	.1	.4	.3	.0	.0	.1	.1	.4	.3	.3
200.	.4	.5	.4	.3	.1	.1	.1	.5	.8	.8	.3	.4	.3	.0	.0	.1	.1	.4	.3	.3
205.	.4	.5	.4	.3	.1	.1	.1	.5	.8	.7	.4	.4	.3	.0	.0	.1	.1	.4	.3	.3

1

JOB: S13 B130 AM 118CRYRCK

RUN: S13 B130 AM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.4	.5	.4	.3	.1	.1	.1	.5	.8	.7	.4	.4	.3	.0	.0	.0	.1	.4	.3	.4
215.	.4	.4	.4	.3	.1	.1	.1	.4	.7	.6	.4	.4	.2	.0	.0	.0	.1	.3	.4	.4
220.	.4	.4	.4	.3	.1	.1	.1	.6	.7	.8	.4	.4	.2	.0	.0	.0	.1	.3	.4	.4
225.	.4	.4	.4	.2	.2	.2	.1	.6	.7	.8	.5	.3	.2	.0	.0	.0	.0	.3	.4	.4
230.	.4	.4	.4	.2	.2	.2	.1	.6	.8	.6	.5	.3	.2	.0	.0	.0	.0	.3	.4	.5
235.	.5	.5	.5	.4	.2	.2	.1	.5	.6	.5	.2	.2	.2	.0	.0	.0	.0	.1	.4	.4
240.	.5	.5	.5	.3	.4	.2	.2	.5	.5	.3	.2	.2	.2	.0	.0	.0	.0	.1	.2	.3
245.	.5	.5	.5	.4	.5	.4	.3	.4	.4	.3	.2	.2	.1	.0	.0	.0	.0	.1	.2	.3
250.	.5	.5	.5	.5	.5	.3	.5	.3	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1
255.	.5	.4	.6	.5	.5	.4	.5	.1	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1
260.	.5	.4	.5	.4	.3	.4	.5	.1	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
265.	.5	.4	.8	.4	.4	.4	.6	.0	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.5	.4	.8	.4	.4	.4	.5	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.5	.5	.8	.3	.3	.4	.4	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.5	.7	.7	.2	.4	.5	.4	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.5	.7	.7	.2	.5	.5	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.6	.7	.7	.2	.5	.5	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.6	.7	.7	.3	.5	.4	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.6	.6	.6	.4	.5	.4	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.6	.4	.6	.4	.5	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.6	.4	.5	.4	.4	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.7	.4	.5	.4	.4	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.6	.4	.6	.4	.4	.4	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 6

WIND ANGLE RANGE: 0. -360.

1

PAGE 7

WIND ANGLE RANGE: 0.-360.

Page 3

13B130BA.OUT

330.	*	.0	.2	.2	.6	.4	.2	.0	.1
335.	*	.0	.2	.2	.6	.4	.2	.0	.2
340.	*	.0	.2	.2	.6	.3	.1	.1	.2
345.	*	.0	.2	.2	.6	.3	.1	.1	.3
350.	*	.0	.2	.2	.7	.3	.0	.1	.3
355.	*	.0	.2	.2	.7	.3	.1	.2	.3
360.	*	.0	.2	.2	.7	.3	.3	.4	.3
MAX	*	.5	.5	.7	.8	.6	.5	.5	.3
DEGR.	*	95	55	45	40	275	15	5	0

THE HIGHEST CONCENTRATION IS .80 PPM AT 265 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 200 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 75 DEGREES FROM REC10 .

1

JOB: S13 B130 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:02:22.38

RUN: S13 B130 AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 175	REC2 280	REC3 265	REC4 40	REC5 35	REC6 15	REC7 265	REC8 220	REC9 200	REC10 75	REC11 70	REC12 150	REC13 180	REC14 155	REC15 140	REC16 105	REC17 110	REC18 180	REC19 115	REC20 75
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.6	.4	.1	.0	.0	.0	.0	.1	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.3	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.1	.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.1	.0	.0	.0	.1	.1	.0	.0	.1	
34	*	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	
35	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.3	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
38	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0	
39	*	.0	.0	.0	.3	.3	.2	.3	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S13 B130 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:02:22.38

RUN: S13 B130 AM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 55	REC23 45	REC24 40	REC25 275	REC26 15	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.0	.0	.0	.2	.2	.3	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.1
34	*	.0	.0	.0	.1	.0	.1	.1
35	*	.3	.1	.1	.0	.1	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.1	.1	.1	.0	.0
38	*	.0	.1	.3	.4	.4	.0	.0
39	*	.0	.1	.1	.1	.0	.1	.1
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B130BA.OUT

13B130BP.DAT

S13	B130	PM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC	1400'	SE CORNER	238219.	551265.	5.		
REC	2 164'	SE CORNER	238112.	551475.	5.		
REC	3 82'	SE CORNER	238073.	551546.	5.		
REC	4 SE CORNER		238047.	551623.	5.		
REC	5 82'	ES CORNER	238123.	551675.	5.		
REC	6 164'	ES CORNER	238193.	551712.	5.		
REC	7 400'	ES CORNER	238399.	551825.	5.		
REC	8 400'	EN CORNER	238346.	551927.	5.		
REC	9 164'	EN CORNER	238145.	551818.	5.		
REC	10 82'	EN CORNER	238074.	551780.	5.		
REC	11 NE CORNER		237986.	551746.	5.		
REC	12 82'	NE CORNER	237925.	551811.	5.		
REC	13 164'	NE CORNE	237885.	551884.	5.		
REC	14 400'	NE CORNE	237778.	552095.	5.		
REC	15 400'	NW CORNE	237681.	552061.	5.		
REC	16 164'	NW CORNE	237804.	551851.	5.		
REC	17 82'	NW CORNER	237840.	551788.	5.		
REC	18 NW CORNER		237870.	551688.	5.		
REC	19 82'	WN CORNER	237813.	551636.	5.		
REC	20 164'	WN CORNE	237736.	551594.	5.		
REC	21 400'	WN CORNE	237524.	551477.	5.		
REC	22 400'	WSCORNER	237589.	551382.	5.		
REC	23 164'	WSCORNER	237795.	551494.	5.		
REC	24 82'	WSCORNER	237866.	551533.	5.		
REC	25 SW CORNER		237943.	551565.	5.		
REC	26 82'	SW CORNER	237999.	551501.	5.		
REC	27 164'	SW CORNE	238040.	551430.	5.		
REC	28 400'	SW CORNE	238161.	551225.	5.		

S13	B130	PM	118	CRYRCK	45	1	1

1							
1	NB	CR	AG238136.550647.238123.550715.	300	2.7	0.32.	35.
2							
2	NB	CR	AG238123.550715.238124.550780.	300	2.7	0.32.	35.
3							
3	NB	CR	AG238124.550780.238151.550871.	300	2.7	0.32.	35.
4							
4	NB	CR	AG238151.550871.238214.550972.	300	2.7	0.32.	35.
5							
5	NB	CR	AG238214.550972.238235.551048.	300	2.7	0.32.	35.
6							
6	NB	CR	AG238235.551048.238239.551129.	300	2.7	0.32.	35.
7							
7	NB	CR	AG238239.551129.238211.551241.	300	2.7	0.32.	35.
8							
8	NB	CR	AG238211.551241.238122.551402.	300	2.7	0.44.	35.
9							
9	NB	CR	AG238122.551402.238062.551518.	300	2.7	0.44.	35.
10							
10	NB	CR	AG238062.551518.237985.551664.	300	2.7	0.44.	35.
11							
11	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2	
110			2.0 300 29.1 1557 2 3				
12							
12	NB	CR	AG237985.551664.237834.551929.	525	2.7	0.44.	35.
13							
13	NB	CR	AG237834.551929.237644.552319.	525	2.7	0.44.	35.
14							
14	NB	CR	AG237644.552319.237535.552511.	525	2.7	0.44.	35.
15							
15	NB	CR	AG237535.552511.237498.552627.	525	2.7	0.44.	35.
16							
16	SB	CR	AG237429.552593.237453.552511.	200	2.7	0.44.	35.
17							
17	SB	CR	AG237453.552511.237632.552185.	200	2.7	0.44.	35.
18							
18	SB	CR	AG237632.552185.237799.551908.	200	2.7	0.44.	35.
36							
36	SB	CR T	AG237799.551908.237953.551648.	50	2.7	0.32.	35.
11							
11	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1	
110			2.0 50 29.1 1723 2 3				
38							
38	SB	CR L	AG237858.551830.237948.551669.	150	2.7	0.44.	35.
11							
11	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2	
110			2.0 150 29.1 1717 2 3				
21							
21	SB	CR	AG237953.551648.238072.551418.	500	2.7	0.56.	35.
22							
22	SB	CR	AG238072.551418.238159.551282.	500	2.7	0.56.	35.
23							
23	SB	CR	AG238159.551282.238207.551180.	500	2.7	0.56.	35.
24							
24	SB	CR	AG238207.551180.238220.551099.	500	2.7	0.56.	35.
25							
25	SB	CR	AG238220.551099.238210.551002.	500	2.7	0.56.	35.
26							
26	SB	CR	AG238210.551002.238122.550854.	500	2.7	0.56.	35.
27							
27	SB	CR	AG238122.550854.238103.550762.	500	2.7	0.56.	35.
28							
28	SB	CR	AG238103.550762.238116.550642.	500	2.7	0.56.	35.
29							
29	WB	118	AG238860.552200.238426.551937.	1925	2.9	0.56.	40.
30							
30	WB	118	AG238426.551937.238223.551830.	1925	2.9	0.56.	40.
30							
30	WB	118 T	AG238223.551830.237955.551674.	1925	2.9	0.68.	40.
32							
32	WB	118 TQ	AG238019.551711.238142.551783.	0.	36.	3	
110			2.0 1925 29.1 1787 2 3				
33							
33	WB	118	AG237955.551674.237496.551431.	1150	2.9	0.56.	40.
34							
34	WB	118	AG237496.551431.237026.551174.	1150	2.9	0.56.	40.

Page 1

13B130BP.DAT									
1									
34		EB 118	AG237061.551123.237978.551633.	1650	2.9	0.	68.	40.	
2									
35		E 118 TQ	AG237916.551598.237725.551492.			0.	48.	4	
	110	68	2.0 1650 29.1 1325 2 3						
1									
37		EB 118	AG237978.551633.238891.552144.	1900	2.9	0.	68.	40.	
1									
		NB BUS	AG237753.552712.238481.551326.	12	0.4	0.	32.	28.	
1									
		NB BUS	AG238481.551326.238521.551019.	12	0.4	0.	32.	28.	
1									
		NB BUS	AG238521.551019.238410.550734.	12	0.4	0.	32.	28.	
1									
		SB BUS	AG238539.550717.238487.550996.	12	0.4	0.	32.	28.	
1									
		SB BUS	AG238487.550996.238439.551312.	12	0.4	0.	32.	28.	
1									
		SB BUS	AG238439.551312.237716.552703.	12	0.4	0.	32.	28	
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S13 B130 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:03:34.61

RUN: S13 B130 PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1.	1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	300.	2.7	.0	32.0	
2.	2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	300.	2.7	.0	32.0	
3.	3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	300.	2.7	.0	32.0	
4.	4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	300.	2.7	.0	32.0	
5.	5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	300.	2.7	.0	32.0	
6.	6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	300.	2.7	.0	32.0	
7.	7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	300.	2.7	.0	32.0	
8.	8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	300.	2.7	.0	44.0	
9.	9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	300.	2.7	.0	44.0	
10.	10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	300.	2.7	.0	44.0	
11.	11	NB CR TQ	238016.0	551605.0	238313.1	551038.5	*	640.	152. AG	140.	100.0	.0	24.0	1.52 32.5
12.	12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	525.	2.7	.0	44.0	
13.	13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	525.	2.7	.0	44.0	
14.	14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	525.	2.7	.0	44.0	
15.	15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	525.	2.7	.0	44.0	
16.	16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	2.7	.0	44.0	
17.	17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	2.7	.0	44.0	
18.	18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	2.7	.0	44.0	
19.	36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	2.7	.0	32.0	
20.	11	SB CR TQ	237893.0	551729.0	237883.0	551748.1	*	22.	332. AG	56.	100.0	.0	12.0	.12 1.1
21.	38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	2.7	.0	44.0	
22.	11	SB CR LQ	237922.0	551714.0	237906.3	551742.3	*	32.	331. AG	112.	100.0	.0	24.0	.18 1.6
23.	21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	500.	2.7	.0	56.0	
24.	22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	500.	2.7	.0	56.0	
25.	23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	500.	2.7	.0	56.0	
26.	24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	500.	2.7	.0	56.0	
27.	25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	500.	2.7	.0	56.0	
28.	26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	500.	2.7	.0	56.0	
29.	27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	500.	2.7	.0	56.0	
30.	28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	500.	2.7	.0	56.0	
31.	29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	1925.	2.9	.0	56.0	
32.	30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	1925.	2.9	.0	56.0	
33.	30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	1925.	2.9	.0	68.0	
34.	32	WB 118 TQ	238019.0	551711.0	238167.2	551797.8	*	172.	60. AG	104.	100.0	.0	36.0	.69 8.7
35.	33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1150.	2.9	.0	56.0	
36.	34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1150.	2.9	.0	56.0	
37.	34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1650.	2.9	.0	68.0	
38.	35	E 118 TQ	237916.0	551598.0	237764.0	551513.7	*	174.	241. AG	193.	100.0	.0	48.0	.90 8.8
39.	37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1900.	2.9	.0	68.0	
40.		NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	12.	.4	.0	32.0	
41.		NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	12.	.4	.0	32.0	
42.		NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	12.	.4	.0	32.0	
43.		SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	12.	.4	.0	32.0	
44.		SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	12.	.4	.0	32.0	

 JOB: S13 B130 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:03:34.61

RUN: S13 B130 PM 118 CRYRCK

LINK VARIABLES

	LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	*	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	12.	.4	.0	32.0	

 JOB: S13 B130 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:03:34.61

RUN: S13 B130 PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11.	11	NB CR TQ	110	99	2.0	300	1557	29.10	2	3
20.	11	SB CR TQ	110	79	2.0	50	1723	29.10	2	3
22.	11	SB CR LQ	110	79	2.0	150	1717	29.10	2	3
34.	32	WB 118 TQ	110	49	2.0	1925	1787	29.10	2	3
38.	35	E 118 TQ	110	68	2.0	1650	1325	29.10	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	X	Y	Z	*
1.	REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2.	REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3.	REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4.	REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5.	REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6.	REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7.	REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8.	REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9.	REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10.	REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11.	REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12.	REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13.	REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B130BP.OUT

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0 *
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0 *
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0 *
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0 *
18. REC 18 NW CORNER *	237870.0	551688.0	5.0 *
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0 *
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0 *
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0 *
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0 *
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0 *
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0 *
25. REC 25 SW CORNER *	237943.0	551565.0	5.0 *
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0 *
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0 *
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0 *

1

JOB: S13 B130 PM 118CRYRCK

RUN: S13 B130 PM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.1	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.1	.1	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	.0	.1	.1	.4	.4	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	.0	.0	.1	.3	.4	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	.0	.0	.1	.2	.3	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
55.	.0	.0	.1	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
60.	.0	.0	.0	.2	.2	.2	.2	.2	.3	.5	.3	.0	.0	.0	.0	.0	.0	.3	.4	.2
65.	.0	.0	.0	.1	.2	.2	.1	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3
70.	.0	.0	.0	.1	.1	.1	.1	.4	.3	.5	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3
75.	.0	.0	.0	.0	.1	.1	.1	.4	.4	.6	.5	.1	.0	.0	.0	.0	.0	.3	.4	.3
80.	.0	.0	.0	.0	.1	.0	.0	.4	.4	.5	.5	.1	.0	.0	.0	.0	.1	.3	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.5	.1	.0	.0	.0	.0	.1	.3	.2	.4
90.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.5	.3	.0	.0	.0	.0	.3	.3	.3	.5
95.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.3	.0	.0	.0	.0	.3	.2	.3	.6
100.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.3	.0	.0	.0	.0	.3	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.3	.0	.0	.0	.1	.3	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.5	.3	.1	.0	.0	.1	.3	.3	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.5	.3	.1	.0	.0	.1	.2	.2	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.4	.3	.2	.0	.0	.0	.3	.2	.6	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.4	.3	.2	.0	.0	.0	.2	.3	.6	.6
130.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.6	.4	.3	.1	.0	.0	.1	.2	.4	.6	.6
135.	.1	.1	.1	.0	.0	.0	.0	.3	.5	.6	.3	.3	.2	.0	.0	.1	.2	.4	.6	.6
140.	.1	.1	.2	.1	.0	.0	.0	.3	.5	.6	.4	.3	.1	.0	.1	.1	.2	.5	.6	.5
145.	.2	.2	.2	.1	.0	.0	.0	.3	.5	.6	.4	.3	.1	.0	.1	.1	.1	.4	.6	.5
150.	.3	.3	.4	.2	.0	.0	.0	.3	.6	.6	.4	.3	.2	.1	.1	.1	.1	.4	.5	.4
155.	.4	.4	.5	.3	.1	.0	.0	.3	.6	.7	.4	.4	.2	.2	.0	.2	.2	.5	.5	.4
160.	.5	.5	.5	.4	.1	.0	.0	.3	.6	.7	.4	.3	.2	.2	.1	.1	.2	.4	.5	.4
165.	.5	.5	.6	.4	.1	.0	.0	.3	.7	.7	.4	.2	.2	.1	.1	.1	.1	.4	.5	.3
170.	.6	.6	.6	.4	.1	.1	.0	.3	.7	.7	.4	.2	.2	.1	.0	.1	.1	.4	.5	.3
175.	.6	.5	.6	.4	.2	.1	.0	.3	.7	.8	.3	.3	.2	.1	.0	.1	.1	.5	.5	.3
180.	.6	.5	.5	.4	.2	.1	.0	.3	.7	.7	.3	.3	.2	.1	.0	.1	.2	.5	.5	.2
185.	.5	.5	.5	.4	.2	.1	.0	.3	.7	.7	.1	.3	.2	.1	.0	.1	.1	.5	.5	.2
190.	.5	.5	.5	.4	.2	.1	.0	.4	.7	.7	.1	.4	.2	.1	.0	.1	.1	.5	.5	.2
195.	.5	.5	.5	.4	.2	.1	.1	.4	.7	.7	.3	.4	.2	.1	.0	.0	.2	.5	.4	.2
200.	.5	.4	.5	.3	.2	.1	.1	.4	.8	.7	.3	.4	.2	.1	.0	.0	.2	.5	.4	.2
205.	.5	.4	.4	.3	.1	.1	.1	.4	.8	.6	.3	.3	.1	.1	.0	.0	.1	.4	.4	.2

1

JOB: S13 B130 PM 118CRYRCK

RUN: S13 B130 PM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.4	.4	.4	.3	.1	.1	.1	.4	.8	.7	.5	.2	.0	.1	.0	.0	.1	.4	.3	.2
215.	.4	.4	.4	.3	.1	.1	.1	.4	.7	.8	.5	.2	.0	.0	.0	.0	.1	.3	.3	.2
220.	.4	.4	.4	.3	.1	.1	.1	.3	.9	.6	.5	.1	.0	.0	.0	.0	.1	.3	.3	.2
225.	.4	.4	.4	.3	.1	.1	.1	.4	.9	.6	.5	.1	.0	.0	.0	.0	.0	.3	.3	.2
230.	.4	.4	.4	.4	.3	.2	.1	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0	.2	.2	.2
235.	.4	.4	.4	.4	.4	.4	.1	.5	.6	.6	.3	.0	.0	.0	.0	.0	.0	.2	.2	.2
240.	.4	.4	.4	.5	.4	.3	.2	.4	.6	.6	.3	.1	.1	.0	.0	.0	.1	.2	.2	.2
245.	.4	.4	.4	.4	.4	.4	.2	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1
250.	.4	.4	.5	.6	.4	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	.4	.6	.7	.5	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	.4	.6	.5	.5	.4	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.4	.5	.7	.5	.4	.4	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.4	.6	.7	.4	.3	.4	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.4	.6	.7	.4	.3	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
280.	.5	.6	.7	.3	.3	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	.5	.6	.6	.2	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	.5	.6	.7	.1	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.5	.6	.7	.1	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.6	.6	.6	.2	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.7	.6	.4	.2	.4	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.7	.5	.4	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
315.	.7	.4	.3	.2	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
320.	.6	.4	.4	.2	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0

13B130BP.OUT

325.	*	.5	.3	.3	.3	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.4	.2	.3	.3	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.2	.3	.3	.5	.4	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.3	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.1	.2	.3	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.1	.2	.3	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.2	.3	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.7	.6	.7	.7	.5	.5	.4	.5	.9	.8	.5	.4	.2	.2	.1	.2	.3	.5	.6	.6			
DEGR.	*	305	170	290	255	255	290	15	230	220	175	75	155	120	155	140	155	90	140	120	95			

1

JOB: S13 B130 PM 118CRYRCK

RUN: S13 B130 PM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.8	.8	.1	.4	.3	.3
5.	*	.0	.3	.9	.9	.1	.4	.4	.3
10.	*	.0	.3	.9	.9	.2	.5	.5	.3
15.	*	.0	.3	.9	.9	.2	.6	.4	.3
20.	*	.0	.3	1.0	.9	.3	.5	.4	.3
25.	*	.0	.3	1.0	.8	.4	.5	.4	.3
30.	*	.0	.3	1.0	.8	.4	.4	.3	.3
35.	*	.0	.3	1.0	.8	.4	.3	.3	.3
40.	*	.0	.4	.9	1.0	.4	.3	.3	.3
45.	*	.0	.4	1.1	.9	.5	.3	.3	.3
50.	*	.1	.3	1.0	.8	.5	.3	.2	.3
55.	*	.1	.3	.8	.6	.3	.3	.2	.3
60.	*	.2	.3	.7	.4	.2	.2	.2	.3
65.	*	.3	.3	.4	.4	.2	.2	.2	.3
70.	*	.4	.2	.5	.4	.2	.2	.2	.3
75.	*	.4	.1	.3	.2	.1	.2	.2	.3
80.	*	.4	.2	.2	.1	.2	.2	.2	.3
85.	*	.4	.1	.1	.1	.2	.2	.2	.3
90.	*	.5	.1	.1	.1	.2	.2	.2	.3
95.	*	.3	.1	.1	.1	.2	.2	.2	.3
100.	*	.3	.1	.1	.1	.2	.2	.2	.3
105.	*	.3	.1	.1	.1	.2	.2	.2	.3
110.	*	.3	.0	.1	.1	.2	.3	.3	.3
115.	*	.2	.0	.1	.1	.2	.4	.3	.3
120.	*	.2	.0	.1	.1	.2	.4	.3	.3
125.	*	.2	.0	.1	.1	.2	.4	.3	.3
130.	*	.2	.0	.1	.1	.2	.4	.3	.3
135.	*	.2	.0	.0	.1	.2	.4	.3	.3
140.	*	.2	.0	.0	.1	.2	.2	.2	.2
145.	*	.2	.0	.0	.0	.2	.2	.2	.2
150.	*	.2	.0	.0	.0	.1	.1	.1	.1
155.	*	.2	.0	.0	.0	.1	.1	.1	.1
160.	*	.2	.0	.0	.0	.0	.1	.1	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B130 PM 118CRYRCK

RUN: S13 B130 PM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.3	.0	.0	.0	.0	.0	.0	.0
220.	*	.3	.1	.0	.0	.0	.0	.0	.0
225.	*	.3	.1	.1	.1	.0	.0	.0	.0
230.	*	.3	.1	.1	.2	.2	.0	.0	.0
235.	*	.3	.2	.2	.3	.2	.0	.0	.0
240.	*	.2	.2	.2	.4	.3	.0	.0	.0
245.	*	.1	.2	.2	.5	.5	.0	.0	.0
250.	*	.1	.3	.3	.7	.5	.1	.0	.0
255.	*	.0	.4	.3	.8	.6	.1	.0	.0
260.	*	.0	.3	.3	.8	.8	.2	.0	.0
265.	*	.0	.3	.4	.9	.8	.2	.1	.0
270.	*	.0	.3	.4	.9	.9	.2	.1	.0
275.	*	.0	.3	.4	.9	.9	.3	.1	.0
280.	*	.0	.3	.5	.9	.8	.3	.2	.0
285.	*	.0	.2	.5	.9	.8	.3	.2	.0
290.	*	.0	.2	.5	.9	.7	.3	.1	.0
295.	*	.0	.2	.6	.9	.7	.3	.1	.0
300.	*	.0	.2	.5	.8	.6	.3	.1	.0
305.	*	.0	.1	.5	.8	.6	.3	.1	.0
310.	*	.0	.1	.6	.7	.5	.3	.1	.1
315.	*	.0	.1	.6	.7	.5	.2	.1	.1
320.	*	.0	.2	.7	.8	.4	.2	.1	.1
325.	*	.0	.2	.7	.8	.4	.2	.1	.2

13B130BP.OUT

```

330. * .0 .3 .9 .9 .3 .2 .2 .1
335. * .0 .3 .9 .9 .3 .1 .1 .2
340. * .0 .2 .8 .8 .3 .2 .2 .2
345. * .0 .2 .7 .7 .2 .1 .2 .3
350. * .0 .2 .8 .7 .1 .1 .2 .3
355. * .0 .2 .8 .7 .1 .1 .3 .3
360. * .0 .2 .8 .8 .1 .1 .3 .3
-----
MAX * .5 .4 1.1 1.0 .9 .6 .5 .3
DEGR. * 90 40 45 40 270 15 10 0

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 45 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 220 DEGREES FROM REC9 .

1

JOB: S13 B130 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:03:34.61

RUN: S13 B130 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 305	REC2 170	REC3 290	REC4 255	REC5 255	REC6 290	REC7 15	REC8 230	REC9 220	REC10 175	REC11 75	REC12 155	REC13 120	REC14 155	REC15 140	REC16 155	REC17 90	REC18 140	REC19 120	REC20 95
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.6	.6	.5	.1	.0	.0	.0	.0	.0	.2	.0	.2	.0	.1	.1	.1	.0	.2	.1	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.1	.3	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0
34	.0	.0	.0	.0	.0	.2	.0	.1	.4	.3	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
38	.1	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	.3
39	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B130 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:03:34.61

RUN: S13 B130 PM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 90	REC22 40	REC23 45	REC24 40	REC25 270	REC26 15	REC27 10	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.1	.0	.0	.0	.0	.2	.2	.3
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.0
34	*	.0	.0	.0	.1	.0	.1	.0
35	*	.2	.1	.0	.0	.1	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.2	.2	.2	.0	.0
38	*	.1	.1	.7	.5	.6	.0	.0
39	*	.0	.0	.1	.1	.0	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B130BP.OUT

13B230BA.DAT

S13	B230	AM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC	1400'	SE CORNER	238219.	551265.	5.		
REC	2 164'	SE CORNER	238112.	551475.	5.		
REC	3 82'	SE CORNER	238073.	551546.	5.		
REC	4 SE CORNER		238047.	551623.	5.		
REC	5 82'	ES CORNER	238123.	551675.	5.		
REC	6 164'	ES CORNER	238193.	551712.	5.		
REC	7 400'	ES CORNER	238399.	551825.	5.		
REC	8 400'	EN CORNER	238346.	551927.	5.		
REC	9 164'	EN CORNER	238145.	551818.	5.		
REC	10 82'	EN CORNER	238074.	551780.	5.		
REC	11 NE CORNER		237986.	551746.	5.		
REC	12 82'	NE CORNER	237925.	551811.	5.		
REC	13 164'	NE CORNE	237885.	551884.	5.		
REC	14 400'	NE CORNE	237778.	552095.	5.		
REC	15 400'	NW CORNE	237681.	552061.	5.		
REC	16 164'	NW CORNE	237804.	551851.	5.		
REC	17 82'	NW CORNER	237840.	551788.	5.		
REC	18 NW CORNER		237870.	551688.	5.		
REC	19 82'	WN CORNER	237813.	551636.	5.		
REC	20 164'	WN CORNE	237736.	551594.	5.		
REC	21 400'	WN CORNE	237524.	551477.	5.		
REC	22 400'	WSCORNER	237589.	551382.	5.		
REC	23 164'	WSCORNER	237795.	551494.	5.		
REC	24 82'	WSCORNER	237866.	551533.	5.		
REC	25 SW CORNER		237943.	551565.	5.		
REC	26 82'	SW CORNER	237999.	551501.	5.		
REC	27 164'	SW CORNE	238040.	551430.	5.		
REC	28 400'	SW CORNE	238161.	551225.	5.		

S13	B230	AM	118	CRYRCK	45	1	1

1							
1	NB	CR	AG238136.550647.238123.550715.	525	2.7	0.32.	35.
2							
2	NB	CR	AG238123.550715.238124.550780.	525	2.7	0.32.	35.
3							
3	NB	CR	AG238124.550780.238151.550871.	525	2.7	0.32.	35.
4							
4	NB	CR	AG238151.550871.238214.550972.	525	2.7	0.32.	35.
5							
5	NB	CR	AG238214.550972.238235.551048.	525	2.7	0.32.	35.
6							
6	NB	CR	AG238235.551048.238239.551129.	525	2.7	0.32.	35.
7							
7	NB	CR	AG238239.551129.238211.551241.	525	2.7	0.32.	35.
8							
8	NB	CR	AG238211.551241.238122.551402.	525	2.7	0.44.	35.
9							
9	NB	CR	AG238122.551402.238062.551518.	525	2.7	0.44.	35.
10							
10	NB	CR	AG238062.551518.237985.551664.	525	2.7	0.44.	35.
11							
11	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2	
12							
12	NB	CR	AG237985.551664.237834.551929.	175	2.7	0.44.	35.
13							
13	NB	CR	AG237834.551929.237644.552319.	175	2.7	0.44.	35.
14							
14	NB	CR	AG237644.552319.237535.552511.	175	2.7	0.44.	35.
15							
15	NB	CR	AG237535.552511.237498.552627.	175	2.7	0.44.	35.
16							
16	SB	CR	AG237429.552593.237453.552511.	550	2.7	0.44.	35.
17							
17	SB	CR	AG237453.552511.237632.552185.	550	2.7	0.44.	35.
18							
18	SB	CR	AG237632.552185.237799.551908.	550	2.7	0.44.	35.
36							
36	SB	CR T	AG237799.551908.237953.551648.	50	2.7	0.32.	35.
11							
11	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1	
150							
150	119		2.0 50 29.1 1723 2 3				
38							
38	SB	CR L	AG237858.551830.237948.551669.	525	2.7	0.44.	35.
11							
11	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2	
150							
150	119		2.0 525 29.1 1717 2 3				
21							
21	SB	CR	AG237953.551648.238072.551418.	200	2.7	0.56.	35.
22							
22	SB	CR	AG238072.551418.238159.551282.	200	2.7	0.56.	35.
23							
23	SB	CR	AG238159.551282.238207.551180.	200	2.7	0.56.	35.
24							
24	SB	CR	AG238207.551180.238220.551099.	200	2.7	0.56.	35.
25							
25	SB	CR	AG238220.551099.238210.551002.	200	2.7	0.56.	35.
26							
26	SB	CR	AG238210.551002.238122.550854.	200	2.7	0.56.	35.
27							
27	SB	CR	AG238122.550854.238103.550762.	200	2.7	0.56.	35.
28							
28	SB	CR	AG238103.550762.238116.550642.	200	2.7	0.56.	35.
29							
29	WB	118	AG238860.552200.238426.551937.	2300	2.9	0.56.	40.
30							
30	WB	118	AG238426.551937.238223.551830.	2300	2.9	0.56.	40.
30							
30	WB	118 T	AG238223.551830.237955.551674.	2300	2.9	0.68.	40.
32							
32	WB	118 TQ	AG238019.551711.238142.551783.	0.	48.	4	
150							
150	60		2.0 2300 29.1 1361 2 3				
33							
33	WB	118	AG237955.551674.237496.551431.	2100	2.9	0.56.	40.
34							
34	WB	118	AG237496.551431.237026.551174.	2100	2.9	0.56.	40.

Page 1

13B230BA.DAT									
1									
34		EB 118	AG237061.551123.237978.551633.	1175	2.9	0.	68.	40.	
2									
35		E 118 TQ	AG237916.551598.237725.551492.	0.	48.	4			
	150	69	2.0 1175 29.1 1293 2 3						
1									
37		EB 118	AG237978.551633.238891.552144.	2075	2.9	0.	68.	40.	
1									
		NB BUS	AG237753.552712.238481.551326.	18	0.4	0.	32.	28.	
1									
		NB BUS	AG238481.551326.238521.551019.	18	0.4	0.	32.	28.	
1									
		NB BUS	AG238521.551019.238410.550734.	18	0.4	0.	32.	28.	
1									
		SB BUS	AG238539.550717.238487.550996.	19	0.4	0.	32.	28.	
1									
		SB BUS	AG238487.550996.238439.551312.	19	0.4	0.	32.	28.	
1									
		SB BUS	AG238439.551312.237716.552703.	19	0.4	0.	32.	28	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S13 B230 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:04:49.41

RUN: S13 B230 AM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB CR	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	525.	2.7	.0	32.0	
2. 2	NB CR	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	525.	2.7	.0	32.0	
3. 3	NB CR	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	525.	2.7	.0	32.0	
4. 4	NB CR	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	525.	2.7	.0	32.0	
5. 5	NB CR	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	525.	2.7	.0	32.0	
6. 6	NB CR	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	525.	2.7	.0	32.0	
7. 7	NB CR	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	525.	2.7	.0	32.0	
8. 8	NB CR	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	525.	2.7	.0	44.0	
9. 9	NB CR	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	525.	2.7	.0	44.0	
10. 10	NB CR	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	525.	2.7	.0	44.0	
11. 11	NB CR TQ	238016.0	551605.0	238441.1	550794.4	*	915.	152. AG	132.	100.0	.0	24.0	1.35 46.5
12. 12	NB CR	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	175.	2.7	.0	44.0	
13. 13	NB CR	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	175.	2.7	.0	44.0	
14. 14	NB CR	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	175.	2.7	.0	44.0	
15. 15	NB CR	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	175.	2.7	.0	44.0	
16. 16	SB CR	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	550.	2.7	.0	44.0	
17. 17	SB CR	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	550.	2.7	.0	44.0	
18. 18	SB CR	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	550.	2.7	.0	44.0	
19. 36	SB CR T	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	50.	2.7	.0	32.0	
20. 11	SB CR TQ	237893.0	551729.0	237877.9	551757.8	*	33.	332. AG	62.	100.0	.0	12.0	.16 1.7
21. 38	SB CR L	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	525.	2.7	.0	44.0	
22. 11	SB CR LQ	237922.0	551714.0	237837.4	551867.3	*	175.	331. AG	124.	100.0	.0	24.0	.85 8.9
23. 21	SB CR	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	200.	2.7	.0	56.0	
24. 22	SB CR	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	200.	2.7	.0	56.0	
25. 23	SB CR	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	200.	2.7	.0	56.0	
26. 24	SB CR	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	200.	2.7	.0	56.0	
27. 25	SB CR	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	200.	2.7	.0	56.0	
28. 26	SB CR	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	200.	2.7	.0	56.0	
29. 27	SB CR	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	200.	2.7	.0	56.0	
30. 28	SB CR	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	200.	2.7	.0	56.0	
31. 29	WB 118	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	2300.	2.9	.0	56.0	
32. 30	WB 118	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	2300.	2.9	.0	56.0	
33. 30	WB 118 T	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	2300.	2.9	.0	68.0	
34. 32	WB 118 TQ	238019.0	551711.0	238181.8	551806.3	*	189.	60. AG	125.	100.0	.0	48.0	.74 9.6
35. 33	WB 118	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	2100.	2.9	.0	56.0	
36. 34	WB 118	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	2100.	2.9	.0	56.0	
37. 34	EB 118	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1175.	2.9	.0	68.0	
38. 35	E 118 TQ	237916.0	551598.0	237819.3	551544.4	*	111.	241. AG	144.	100.0	.0	48.0	.44 5.6
39. 37	EB 118	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	2075.	2.9	.0	68.0	
40.	NB BUS	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	18.	.4	.0	32.0	
41.	NB BUS	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	18.	.4	.0	32.0	
42.	NB BUS	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	18.	.4	.0	32.0	
43.	SB BUS	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	19.	.4	.0	32.0	
44.	SB BUS	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	19.	.4	.0	32.0	

 JOB: S13 B230 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:04:49.41

RUN: S13 B230 AM 118 CRYRCK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	19.	.4	.0	32.0	

 JOB: S13 B230 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:04:49.41

RUN: S13 B230 AM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	150	127	2.0	525	1538	29.10	2	3
20. 11	SB CR TQ	150	119	2.0	50	1723	29.10	2	3
22. 11	SB CR LQ	150	119	2.0	525	1717	29.10	2	3
34. 32	WB 118 TQ	150	60	2.0	2300	1361	29.10	2	3
38. 35	E 118 TQ	150	69	2.0	1175	1293	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC 2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC 3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC 4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC 5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC 6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC 7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC 8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC 9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC 10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC 11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC 12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC 13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B230BA.OUT

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0 *
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0 *
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0 *
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0 *
18. REC 18 NW CORNER *	237870.0	551688.0	5.0 *
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0 *
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0 *
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0 *
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0 *
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0 *
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0 *
25. REC 25 SW CORNER *	237943.0	551565.0	5.0 *
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0 *
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0 *
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0 *

1

JOB: S13 B230 AM 118CRYRCK

RUN: S13 B230 AM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.3	.3	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
5.	.0	.3	.3	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0
10.	.0	.2	.3	.5	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
15.	.0	.1	.3	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
20.	.0	.1	.3	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.0
25.	.0	.1	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.1	.1
30.	.0	.1	.1	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.1
35.	.0	.1	.1	.4	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
40.	.0	.1	.1	.4	.5	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
45.	.0	.1	.1	.5	.4	.5	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
50.	.0	.0	.1	.3	.4	.5	.4	.2	.2	.2	.0	.0	.0	.0	.0	.1	.3	.2	.1	.2
55.	.0	.0	.1	.2	.3	.4	.3	.2	.2	.4	.2	.0	.0	.0	.1	.1	.3	.3	.4	.1
60.	.0	.0	.0	.2	.3	.2	.2	.4	.6	.6	.3	.0	.0	.0	.1	.1	.3	.4	.4	.4
65.	.0	.0	.0	.1	.2	.2	.2	.4	.6	.6	.4	.0	.0	.0	.1	.1	.3	.4	.4	.5
70.	.0	.0	.0	.1	.1	.1	.1	.5	.6	.7	.5	.0	.0	.0	.0	.2	.3	.4	.5	.5
75.	.0	.0	.0	.1	.1	.1	.1	.5	.8	.6	.1	.0	.0	.0	.0	.2	.4	.3	.5	.5
80.	.0	.0	.0	.0	.1	.1	.0	.4	.5	.9	.6	.1	.0	.0	.0	.2	.5	.3	.5	.5
85.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.8	.6	.3	.1	.0	.0	.2	.6	.4	.4	.5
90.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.8	.6	.3	.1	.0	.1	.4	.6	.4	.3	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.8	.6	.3	.1	.0	.1	.5	.6	.3	.2	.6
100.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.6	.3	.1	.0	.1	.5	.6	.3	.5	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.7	.6	.3	.2	.0	.1	.6	.6	.3	.5	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.6	.3	.3	.0	.1	.6	.6	.2	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.6	.3	.3	.0	.1	.5	.6	.2	.6	.5
120.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.5	.3	.2	.0	.1	.5	.5	.2	.6	.5
125.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.5	.3	.2	.0	.1	.4	.3	.2	.6	.5
130.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.7	.5	.3	.2	.0	.1	.4	.4	.3	.6	.5
135.	.1	.1	.1	.0	.0	.0	.0	.3	.7	.7	.5	.3	.2	.0	.2	.3	.4	.3	.6	.4
140.	.2	.1	.2	.1	.0	.0	.0	.3	.7	.7	.5	.4	.3	.0	.3	.3	.2	.4	.6	.4
145.	.2	.2	.3	.2	.0	.0	.0	.3	.7	.7	.5	.3	.2	.1	.3	.3	.3	.5	.6	.3
150.	.3	.3	.4	.2	.0	.0	.0	.3	.7	.7	.6	.4	.2	.1	.3	.2	.3	.4	.6	.3
155.	.4	.4	.5	.3	.1	.0	.0	.3	.7	.8	.5	.3	.2	.2	.1	.2	.3	.4	.5	.3
160.	.5	.5	.5	.4	.1	.0	.0	.3	.8	.8	.5	.3	.2	.2	.0	.2	.3	.3	.5	.3
165.	.6	.5	.6	.4	.1	.1	.0	.3	.8	.8	.5	.2	.2	.1	.0	.1	.2	.4	.5	.3
170.	.6	.5	.6	.4	.2	.1	.0	.3	.8	.9	.5	.2	.2	.1	.0	.1	.2	.4	.5	.3
175.	.6	.5	.5	.4	.2	.1	.0	.3	.8	.9	.4	.2	.2	.0	.0	.2	.2	.4	.4	.3
180.	.5	.5	.5	.4	.2	.1	.0	.3	.8	.8	.4	.3	.4	.0	.0	.1	.2	.4	.4	.3
185.	.5	.6	.5	.4	.2	.1	.1	.4	.8	.8	.3	.4	.4	.0	.0	.1	.2	.5	.4	.3
190.	.5	.5	.5	.3	.2	.1	.1	.4	.8	.8	.2	.4	.3	.0	.0	.1	.1	.5	.4	.3
195.	.5	.5	.4	.3	.1	.1	.1	.4	.8	.8	.1	.4	.3	.0	.0	.1	.1	.4	.3	.3
200.	.4	.5	.4	.3	.1	.1	.1	.5	1.0	.8	.4	.4	.3	.0	.0	.1	.1	.4	.3	.3
205.	.4	.4	.4	.3	.1	.1	.1	.5	1.0	.8	.4	.4	.3	.0	.0	.0	.1	.4	.3	.3

1

JOB: S13 B230 AM 118CRYRCK

RUN: S13 B230 AM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	.4	.4	.4	.3	.1	.1	.1	.5	1.0	.8	.4	.3	.3	.0	.0	.0	.1	.4	.3	.3
215.	.4	.4	.4	.3	.1	.1	.1	.4	.9	.8	.4	.3	.2	.0	.0	.0	.1	.3	.4	.4
220.	.4	.4	.4	.3	.1	.1	.1	.6	.9	1.0	.4	.3	.2	.0	.0	.0	.1	.3	.4	.4
225.	.4	.4	.4	.2	.2	.2	.1	.6	.9	.9	.5	.3	.2	.0	.0	.0	.0	.3	.4	.4
230.	.4	.4	.4	.2	.2	.2	.1	.6	.9	.7	.5	.2	.2	.0	.0	.0	.0	.3	.4	.4
235.	.4	.4	.4	.4	.3	.2	.1	.5	.8	.6	.3	.2	.2	.0	.0	.0	.0	.1	.3	.4
240.	.4	.4	.4	.3	.4	.3	.2	.5	.7	.4	.2	.2	.2	.0	.0	.0	.0	.1	.2	.3
245.	.4	.4	.4	.4	.5	.4	.4	.4	.5	.3	.2	.2	.1	.0	.0	.0	.0	.1	.2	.3
250.	.4	.4	.4	.5	.5	.4	.5	.3	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1
255.	.4	.4	.5	.5	.5	.4	.5	.1	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1
260.	.4	.4	.6	.4	.3	.5	.5	.1	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
265.	.4	.4	.7	.4	.4	.4	.5	.0	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.5	.4	.7	.4	.4	.4	.5	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.5	.4	.8	.3	.3	.5	.3	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.5	.5	.8	.2	.5	.6	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.5	.6	.7	.2	.5	.6	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.6	.6	.7	.2	.5	.6	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.6	.5	.7	.3	.5	.5	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.6	.5	.6	.4	.6	.5	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.6	.5	.6	.4	.6	.5	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.6	.4	.5	.4	.5	.5	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.7	.4	.5	.4	.5	.5	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.6	.4	.6	.4	.5	.5	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

13B230BA.OUT

325.	*	.6	.3	.6	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.5	.2	.4	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
335.	*	.4	.3	.3	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
340.	*	.2	.4	.4	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
345.	*	.1	.4	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
350.	*	.1	.3	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
355.	*	.0	.3	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0
360.	*	.0	.3	.3	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0
MAX	*	.7	.6	.8	.5	.6	.6	.5	.6	1.0	1.0	.6	.4	.4	.2	.3	.6	.6	.5
DEGR.	*	315	185	275	0	35	280	250	220	200	220	75	140	180	155	140	105	85	145
																		115	95

1

JOB: S13 B230 AM 118CRYRCK

RUN: S13 B230 AM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.2	.7	.3	.3	.5	.3
5.	*	.0	.2	.3	.7	.2	.4	.5	.3
10.	*	.0	.2	.4	.7	.2	.4	.5	.3
15.	*	.0	.2	.4	.7	.2	.5	.4	.3
20.	*	.0	.2	.5	.7	.4	.5	.4	.3
25.	*	.0	.2	.5	.6	.4	.5	.3	.3
30.	*	.0	.2	.4	.7	.4	.5	.3	.3
35.	*	.0	.3	.5	.8	.4	.4	.3	.2
40.	*	.1	.3	.6	.7	.5	.3	.3	.2
45.	*	.1	.3	.8	.7	.4	.3	.3	.2
50.	*	.1	.3	.7	.7	.4	.3	.2	.2
55.	*	.2	.5	.6	.6	.4	.3	.2	.2
60.	*	.2	.4	.4	.3	.3	.2	.2	.2
65.	*	.3	.1	.3	.4	.2	.2	.2	.2
70.	*	.3	.1	.4	.4	.2	.2	.2	.2
75.	*	.4	.1	.1	.1	.1	.2	.2	.2
80.	*	.4	.0	.1	.1	.1	.2	.2	.2
85.	*	.4	.1	.1	.1	.2	.2	.2	.2
90.	*	.4	.1	.1	.1	.2	.2	.2	.2
95.	*	.5	.1	.1	.1	.2	.2	.2	.3
100.	*	.4	.1	.1	.1	.2	.2	.2	.3
105.	*	.4	.1	.1	.1	.2	.2	.2	.3
110.	*	.4	.1	.1	.1	.2	.2	.2	.3
115.	*	.4	.1	.1	.1	.2	.2	.2	.3
120.	*	.3	.0	.1	.1	.2	.3	.3	.3
125.	*	.3	.0	.1	.1	.2	.3	.3	.3
130.	*	.3	.0	.1	.1	.2	.3	.3	.3
135.	*	.3	.0	.1	.1	.2	.3	.3	.3
140.	*	.3	.0	.0	.1	.2	.3	.3	.3
145.	*	.3	.0	.0	.1	.2	.2	.2	.2
150.	*	.3	.0	.0	.0	.1	.2	.2	.2
155.	*	.3	.0	.0	.0	.1	.1	.1	.1
160.	*	.3	.0	.0	.0	.0	.1	.1	.1
165.	*	.3	.0	.0	.0	.0	.0	.0	.0
170.	*	.3	.0	.0	.0	.0	.0	.0	.0
175.	*	.3	.0	.0	.0	.0	.0	.0	.0
180.	*	.3	.0	.0	.0	.0	.0	.0	.0
185.	*	.3	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.0	.0	.0	.0	.0	.0	.0
195.	*	.3	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B230 AM 118CRYRCK

RUN: S13 B230 AM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.4	.0	.0	.0	.0	.0	.0	.0
215.	*	.4	.0	.0	.0	.0	.0	.0	.0
220.	*	.4	.0	.0	.0	.0	.0	.0	.0
225.	*	.4	.1	.1	.1	.0	.0	.0	.0
230.	*	.4	.1	.1	.1	.0	.0	.0	.0
235.	*	.3	.1	.1	.1	.1	.0	.0	.0
240.	*	.3	.2	.1	.1	.2	.0	.0	.0
245.	*	.3	.3	.2	.3	.2	.0	.0	.0
250.	*	.2	.3	.3	.4	.4	.0	.0	.0
255.	*	.1	.3	.4	.4	.5	.1	.0	.0
260.	*	.0	.3	.3	.4	.5	.1	.0	.0
265.	*	.0	.3	.3	.5	.5	.1	.0	.0
270.	*	.0	.3	.2	.4	.5	.2	.0	.0
275.	*	.0	.2	.2	.4	.6	.3	.0	.0
280.	*	.0	.2	.2	.5	.6	.3	.0	.0
285.	*	.0	.2	.2	.5	.6	.3	.0	.0
290.	*	.0	.2	.2	.5	.6	.2	.0	.0
295.	*	.0	.3	.2	.5	.5	.2	.1	.0
300.	*	.0	.2	.2	.6	.5	.2	.1	.0
305.	*	.0	.2	.2	.6	.5	.2	.1	.0
310.	*	.0	.2	.2	.6	.5	.2	.1	.0
315.	*	.0	.2	.2	.6	.4	.2	.1	.0
320.	*	.0	.2	.2	.6	.4	.2	.1	.0
325.	*	.0	.2	.2	.6	.3	.2	.1	.1

13B230BA.OUT

```

330. * .0 .2 .2 .6 .4 .2 .0 .1
335. * .0 .2 .2 .6 .4 .1 .0 .2
340. * .0 .2 .2 .6 .3 .1 .1 .2
345. * .0 .2 .2 .6 .3 .1 .1 .3
350. * .0 .2 .2 .7 .3 .0 .1 .3
355. * .0 .2 .2 .7 .3 .1 .2 .3
360. * .0 .2 .2 .7 .3 .3 .5 .3
-----
MAX * .5 .5 .8 .8 .6 .5 .5 .3
DEGR. * 95 55 45 35 275 15 0 0

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 220 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 200 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 275 DEGREES FROM REC3 .

1

JOB: S13 B230 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:04:49.41

RUN: S13 B230 AM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 315	REC2 185	REC3 275	REC4 0	REC5 35	REC6 280	REC7 250	REC8 220	REC9 200	REC10 220	REC11 75	REC12 140	REC13 180	REC14 155	REC15 140	REC16 105	REC17 85	REC18 145	REC19 115	REC20 95
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.6	.5	.4	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.0	.0	.2	.1	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1	.3	.3	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
34	.0	.0	.0	.2	.1	.2	.1	.5	.3	.3	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
35	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
38	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2
39	.0	.0	.0	.2	.3	.2	.3	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B230 AM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:04:49.41

RUN: S13 B230 AM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 95	REC22 55	REC23 45	REC24 35	REC25 275	REC26 15	REC27 0	REC28 0
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.1	.0	.0	.0	.0	.2	.2	.3
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.0
34	*	.0	.0	.1	.1	.0	.1	.0
35	*	.3	.1	.1	.1	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.1	.1	.0	.0	.0
38	*	.0	.1	.3	.4	.4	.0	.0
39	*	.0	.1	.1	.0	.0	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B230BA.OUT

13B230BP.DAT

S13	B230	PM	118	CRYRCK	60.0175.0.0000.000280.30480000	11	1

REC	1400'	SE CORNER	238219.	551265.	5.		
REC	2 164'	SE CORNER	238112.	551475.	5.		
REC	3 82'	SE CORNER	238073.	551546.	5.		
REC	4 SE CORNER		238047.	551623.	5.		
REC	5 82'	ES CORNER	238123.	551675.	5.		
REC	6 164'	ES CORNER	238193.	551712.	5.		
REC	7 400'	ES CORNER	238399.	551825.	5.		
REC	8 400'	EN CORNER	238346.	551927.	5.		
REC	9 164'	EN CORNER	238145.	551818.	5.		
REC	10 82'	EN CORNER	238074.	551780.	5.		
REC	11 NE CORNER		237986.	551746.	5.		
REC	12 82'	NE CORNER	237925.	551811.	5.		
REC	13 164'	NE CORNE	237885.	551884.	5.		
REC	14 400'	NE CORNE	237778.	552095.	5.		
REC	15 400'	NW CORNE	237681.	552061.	5.		
REC	16 164'	NW CORNE	237804.	551851.	5.		
REC	17 82'	NW CORNER	237840.	551788.	5.		
REC	18 NW CORNER		237870.	551688.	5.		
REC	19 82'	WN CORNER	237813.	551636.	5.		
REC	20 164'	WN CORNE	237736.	551594.	5.		
REC	21 400'	WN CORNE	237524.	551477.	5.		
REC	22 400'	WSCORNER	237589.	551382.	5.		
REC	23 164'	WSCORNER	237795.	551494.	5.		
REC	24 82'	WSCORNER	237866.	551533.	5.		
REC	25 SW CORNER		237943.	551565.	5.		
REC	26 82'	SW CORNER	237999.	551501.	5.		
REC	27 164'	SW CORNE	238040.	551430.	5.		
REC	28 400'	SW CORNE	238161.	551225.	5.		

S13	B230	PM	118	CRYRCK	45	1	1

1							
1	NB	CR	AG238136.550647.238123.550715.	250	2.7	0.32.	35.
2							
2	NB	CR	AG238123.550715.238124.550780.	250	2.7	0.32.	35.
3							
3	NB	CR	AG238124.550780.238151.550871.	250	2.7	0.32.	35.
4							
4	NB	CR	AG238151.550871.238214.550972.	250	2.7	0.32.	35.
5							
5	NB	CR	AG238214.550972.238235.551048.	250	2.7	0.32.	35.
6							
6	NB	CR	AG238235.551048.238239.551129.	250	2.7	0.32.	35.
7							
7	NB	CR	AG238239.551129.238211.551241.	250	2.7	0.32.	35.
8							
8	NB	CR	AG238211.551241.238122.551402.	250	2.7	0.44.	35.
9							
9	NB	CR	AG238122.551402.238062.551518.	250	2.7	0.44.	35.
10							
10	NB	CR	AG238062.551518.237985.551664.	250	2.7	0.44.	35.
11							
11	NB	CR TQ	AG238016.551605.238059.551523.	0.	24.	2	
100			89 2.0 250 29.1 1550 2 3				
12							
12	NB	CR	AG237985.551664.237834.551929.	475	2.7	0.44.	35.
13							
13	NB	CR	AG237834.551929.237644.552319.	475	2.7	0.44.	35.
14							
14	NB	CR	AG237644.552319.237535.552511.	475	2.7	0.44.	35.
15							
15	NB	CR	AG237535.552511.237498.552627.	475	2.7	0.44.	35.
16							
16	SB	CR	AG237429.552593.237453.552511.	200	2.7	0.44.	35.
17							
17	SB	CR	AG237453.552511.237632.552185.	200	2.7	0.44.	35.
18							
18	SB	CR	AG237632.552185.237799.551908.	200	2.7	0.44.	35.
36							
36	SB	CR T	AG237799.551908.237953.551648.	25	2.7	0.32.	35.
11							
11	SB	CR TQ	AG237893.551729.237799.551908.	0.	12.	1	
100			69 2.0 25 29.1 1723 2 3				
38							
38	SB	CR L	AG237858.551830.237948.551669.	150	2.7	0.44.	35.
11							
11	SB	CR LQ	AG237922.551714.237858.551830.	0.	24.	2	
100			69 2.0 150 29.1 1717 2 3				
21							
21	SB	CR	AG237953.551648.238072.551418.	425	2.7	0.56.	35.
22							
22	SB	CR	AG238072.551418.238159.551282.	425	2.7	0.56.	35.
23							
23	SB	CR	AG238159.551282.238207.551180.	425	2.7	0.56.	35.
24							
24	SB	CR	AG238207.551180.238220.551099.	425	2.7	0.56.	35.
25							
25	SB	CR	AG238220.551099.238210.551002.	425	2.7	0.56.	35.
26							
26	SB	CR	AG238210.551002.238122.550854.	425	2.7	0.56.	35.
27							
27	SB	CR	AG238122.550854.238103.550762.	425	2.7	0.56.	35.
28							
28	SB	CR	AG238103.550762.238116.550642.	425	2.7	0.56.	35.
29							
29	WB	118	AG238860.552200.238426.551937.	1925	2.9	0.56.	40.
30							
30	WB	118	AG238426.551937.238223.551830.	1925	2.9	0.56.	40.
30							
30	WB	118 T	AG238223.551830.237955.551674.	1925	2.9	0.68.	40.
32							
32	WB	118 TQ	AG238019.551711.238142.551783.	0.	48.	4	
100			47 2.0 1925 29.1 1347 2 3				
33							
33	WB	118	AG237955.551674.237496.551431.	1175	2.9	0.56.	40.
34							
34	WB	118	AG237496.551431.237026.551174.	1175	2.9	0.56.	40.

Page 1

				13B230BP.DAT			
1							
34	EB 118	AG237061.551123.237978.551633.	1600	2.9	0.68.	40.	
2							
35	E 118 TQ	AG237916.551598.237725.551492.			0.48.	4	
	100 63	2.0 1600 29.1 1335 2 3					
1							
37	EB 118	AG237978.551633.238891.552144.	1900	2.9	0.68.	40.	
1							
	NB BUS	AG237753.552712.238481.551326.	12	0.4	0.32.	28.	
1							
	NB BUS	AG238481.551326.238521.551019.	12	0.4	0.32.	28.	
1							
	NB BUS	AG238521.551019.238410.550734.	12	0.4	0.32.	28.	
1							
	SB BUS	AG238539.550717.238487.550996.	12	0.4	0.32.	28.	
1							
	SB BUS	AG238487.550996.238439.551312.	12	0.4	0.32.	28.	
1							
	SB BUS	AG238439.551312.237716.552703.	12	0.4	0.32.	28	
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: S13 B230 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:07:30.07

RUN: S13 B230 PM 118 CRYRCK

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB CR	*	238136.0	550647.0	238123.0	550715.0	*	69.	349. AG	250.	2.7	.0	32.0	
2. 2	NB CR	*	238123.0	550715.0	238124.0	550780.0	*	65.	1. AG	250.	2.7	.0	32.0	
3. 3	NB CR	*	238124.0	550780.0	238151.0	550871.0	*	95.	17. AG	250.	2.7	.0	32.0	
4. 4	NB CR	*	238151.0	550871.0	238214.0	550972.0	*	119.	32. AG	250.	2.7	.0	32.0	
5. 5	NB CR	*	238214.0	550972.0	238235.0	551048.0	*	79.	15. AG	250.	2.7	.0	32.0	
6. 6	NB CR	*	238235.0	551048.0	238239.0	551129.0	*	81.	3. AG	250.	2.7	.0	32.0	
7. 7	NB CR	*	238239.0	551129.0	238211.0	551241.0	*	115.	346. AG	250.	2.7	.0	32.0	
8. 8	NB CR	*	238211.0	551241.0	238122.0	551402.0	*	184.	331. AG	250.	2.7	.0	44.0	
9. 9	NB CR	*	238122.0	551402.0	238062.0	551518.0	*	131.	333. AG	250.	2.7	.0	44.0	
10. 10	NB CR	*	238062.0	551518.0	237985.0	551664.0	*	165.	332. AG	250.	2.7	.0	44.0	
11. 11	NB CR TQ	*	238016.0	551605.0	238143.1	551362.7	*	274.	152. AG	139.	100.0	.0	24.0	1.16 13.9
12. 12	NB CR	*	237985.0	551664.0	237834.0	551929.0	*	305.	330. AG	475.	2.7	.0	44.0	
13. 13	NB CR	*	237834.0	551929.0	237644.0	552319.0	*	434.	334. AG	475.	2.7	.0	44.0	
14. 14	NB CR	*	237644.0	552319.0	237535.0	552511.0	*	221.	330. AG	475.	2.7	.0	44.0	
15. 15	NB CR	*	237535.0	552511.0	237498.0	552627.0	*	122.	342. AG	475.	2.7	.0	44.0	
16. 16	SB CR	*	237429.0	552593.0	237453.0	552511.0	*	85.	164. AG	200.	2.7	.0	44.0	
17. 17	SB CR	*	237453.0	552511.0	237632.0	552185.0	*	372.	151. AG	200.	2.7	.0	44.0	
18. 18	SB CR	*	237632.0	552185.0	237799.0	551908.0	*	323.	149. AG	200.	2.7	.0	44.0	
19. 36	SB CR T	*	237799.0	551908.0	237953.0	551648.0	*	302.	149. AG	25.	2.7	.0	32.0	
20. 11	SB CR TQ	*	237893.0	551729.0	237888.6	551737.4	*	9.	332. AG	54.	100.0	.0	12.0	.05 .5
21. 38	SB CR L	*	237858.0	551830.0	237948.0	551669.0	*	184.	151. AG	150.	2.7	.0	44.0	
22. 11	SB CR LQ	*	237922.0	551714.0	237908.3	551738.7	*	28.	331. AG	108.	100.0	.0	24.0	.16 1.4
23. 21	SB CR	*	237953.0	551648.0	238072.0	551418.0	*	259.	153. AG	425.	2.7	.0	56.0	
24. 22	SB CR	*	238072.0	551418.0	238159.0	551282.0	*	161.	147. AG	425.	2.7	.0	56.0	
25. 23	SB CR	*	238159.0	551282.0	238207.0	551180.0	*	113.	155. AG	425.	2.7	.0	56.0	
26. 24	SB CR	*	238207.0	551180.0	238220.0	551099.0	*	82.	171. AG	425.	2.7	.0	56.0	
27. 25	SB CR	*	238220.0	551099.0	238210.0	551002.0	*	98.	186. AG	425.	2.7	.0	56.0	
28. 26	SB CR	*	238210.0	551002.0	238122.0	550854.0	*	172.	211. AG	425.	2.7	.0	56.0	
29. 27	SB CR	*	238122.0	550854.0	238103.0	550762.0	*	94.	192. AG	425.	2.7	.0	56.0	
30. 28	SB CR	*	238103.0	550762.0	238116.0	550642.0	*	121.	174. AG	425.	2.7	.0	56.0	
31. 29	WB 118	*	238860.0	552200.0	238426.0	551937.0	*	507.	239. AG	1925.	2.9	.0	56.0	
32. 30	WB 118	*	238426.0	551937.0	238223.0	551830.0	*	229.	242. AG	1925.	2.9	.0	56.0	
33. 30	WB 118 T	*	238223.0	551830.0	237955.0	551674.0	*	310.	240. AG	1925.	2.9	.0	68.0	
34. 32	WB 118 TQ	*	238019.0	551711.0	238125.7	551773.5	*	124.	60. AG	147.	100.0	.0	48.0	.73 6.3
35. 33	WB 118	*	237955.0	551674.0	237496.0	551431.0	*	519.	242. AG	1175.	2.9	.0	56.0	
36. 34	WB 118	*	237496.0	551431.0	237026.0	551174.0	*	536.	241. AG	1175.	2.9	.0	56.0	
37. 34	EB 118	*	237061.0	551123.0	237978.0	551633.0	*	1049.	61. AG	1600.	2.9	.0	68.0	
38. 35	E 118 TQ	*	237916.0	551598.0	237773.8	551519.1	*	163.	241. AG	197.	100.0	.0	48.0	.91 8.3
39. 37	EB 118	*	237978.0	551633.0	238891.0	552144.0	*	1046.	61. AG	1900.	2.9	.0	68.0	
40.	NB BUS	*	237753.0	552712.0	238481.0	551326.0	*	1566.	152. AG	12.	.4	.0	32.0	
41.	NB BUS	*	238481.0	551326.0	238521.0	551019.0	*	310.	173. AG	12.	.4	.0	32.0	
42.	NB BUS	*	238521.0	551019.0	238410.0	550734.0	*	306.	201. AG	12.	.4	.0	32.0	
43.	SB BUS	*	238539.0	550717.0	238487.0	550996.0	*	284.	349. AG	12.	.4	.0	32.0	
44.	SB BUS	*	238487.0	550996.0	238439.0	551312.0	*	320.	351. AG	12.	.4	.0	32.0	

 JOB: S13 B230 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:07:30.07

RUN: S13 B230 PM 118 CRYRCK

LINK VARIABLES

	LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45.	SB BUS	*	238439.0	551312.0	237716.0	552703.0	*	1568.	333. AG	12.	.4	.0	32.0	

 JOB: S13 B230 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:07:30.07

RUN: S13 B230 PM 118 CRYRCK

ADDITIONAL QUEUE LINK PARAMETERS

	LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
11. 11	NB CR TQ	*	100	89	2.0	250	1550	29.10	2	3
20. 11	SB CR TQ	*	100	69	2.0	25	1723	29.10	2	3
22. 11	SB CR LQ	*	100	69	2.0	150	1717	29.10	2	3
34. 32	WB 118 TQ	*	100	47	2.0	1925	1347	29.10	2	3
38. 35	E 118 TQ	*	100	63	2.0	1600	1335	29.10	2	3

RECEPTOR LOCATIONS

	RECEPTOR	*	X	Y	Z	*
1. REC	1400' SE CORNER	*	238219.0	551265.0	5.0	*
2. REC	2 164' SE CORNER	*	238112.0	551475.0	5.0	*
3. REC	3 82' SE CORNER	*	238073.0	551546.0	5.0	*
4. REC	4 SE CORNER	*	238047.0	551623.0	5.0	*
5. REC	5 82' ES CORNER	*	238123.0	551675.0	5.0	*
6. REC	6 164' ES CORNER	*	238193.0	551712.0	5.0	*
7. REC	7 400' ES CORNER	*	238399.0	551825.0	5.0	*
8. REC	8 400' EN CORNER	*	238346.0	551927.0	5.0	*
9. REC	9 164' EN CORNER	*	238145.0	551818.0	5.0	*
10. REC	10 82' EN CORNER	*	238074.0	551780.0	5.0	*
11. REC	11 NE CORNER	*	237986.0	551746.0	5.0	*
12. REC	12 82' NE CORNER	*	237925.0	551811.0	5.0	*
13. REC	13 164' NE CORNE	*	237885.0	551884.0	5.0	*

13B230BP.OUT

14. REC 14 400' NE CORNE *	237778.0	552095.0	5.0 *
15. REC 15 400' NW CORNE *	237681.0	552061.0	5.0 *
16. REC 16 164' NW CORNE *	237804.0	551851.0	5.0 *
17. REC 17 82' NW CORNER *	237840.0	551788.0	5.0 *
18. REC 18 NW CORNER *	237870.0	551688.0	5.0 *
19. REC 19 82' WN CORNER *	237813.0	551636.0	5.0 *
20. REC 20 164' WN CORNE *	237736.0	551594.0	5.0 *
21. REC 21 400' WN CORNE *	237524.0	551477.0	5.0 *
22. REC 22 400' WSCORNER *	237589.0	551382.0	5.0 *
23. REC 23 164' WSCORNER *	237795.0	551494.0	5.0 *
24. REC 24 82' WSCORNER *	237866.0	551533.0	5.0 *
25. REC 25 SW CORNER *	237943.0	551565.0	5.0 *
26. REC 26 82' SW CORNER *	237999.0	551501.0	5.0 *
27. REC 27 164' SW CORNE *	238040.0	551430.0	5.0 *
28. REC 28 400' SW CORNE *	238161.0	551225.0	5.0 *

1

JOB: S13 B230 PM 118CRYRCK

RUN: S13 B230 PM 118 CRYRCK

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.2	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.1	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.1	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.1	.3	.5	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.1	.3	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.1	.1	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
35.	*	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40.	*	.0	.1	.1	.4	.4	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	*	.0	.0	.1	.3	.4	.4	.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
50.	*	.0	.0	.1	.2	.3	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
55.	*	.0	.0	.1	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1
60.	*	.0	.0	.0	.2	.2	.2	.2	.2	.3	.5	.3	.0	.0	.0	.0	.0	.0	.3	.4	.2
65.	*	.0	.0	.0	.1	.2	.2	.1	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.4	.4	.4
70.	*	.0	.0	.0	.1	.1	.1	.1	.4	.3	.5	.4	.0	.0	.0	.0	.0	.0	.4	.4	.4
75.	*	.0	.0	.0	.0	.1	.1	.1	.4	.4	.6	.5	.1	.0	.0	.0	.0	.0	.3	.4	.3
80.	*	.0	.0	.0	.0	.1	.0	.0	.4	.4	.5	.6	.1	.0	.0	.0	.0	.1	.3	.4	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.6	.1	.0	.0	.0	.0	.2	.3	.2	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.6	.2	.0	.0	.0	.0	.3	.3	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.6	.3	.0	.0	.0	.0	.3	.3	.3	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.7	.3	.0	.0	.0	.0	.3	.3	.4	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.3	.0	.0	.0	.1	.3	.2	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.3	.0	.0	.0	.1	.3	.2	.5	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.3	.1	.0	.0	.1	.3	.2	.5	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.5	.3	.2	.0	.0	.1	.2	.2	.6	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.5	.3	.2	.0	.0	.0	.1	.3	.6	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.4	.3	.1	.0	.0	.0	.2	.3	.6	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.4	.3	.2	.0	.0	.1	.2	.3	.6	.5
140.	*	.0	.0	.1	.0	.0	.0	.0	.3	.3	.7	.3	.4	.1	.0	.0	.1	.1	.4	.5	.5
145.	*	.0	.1	.2	.1	.0	.0	.0	.3	.3	.7	.4	.3	.2	.0	.0	.1	.1	.4	.5	.4
150.	*	.0	.1	.2	.1	.0	.0	.0	.3	.3	.7	.4	.2	.2	.0	.0	.1	.1	.4	.5	.4
155.	*	.0	.2	.3	.2	.0	.0	.0	.3	.3	.7	.3	.3	.2	.0	.0	.1	.1	.4	.5	.3
160.	*	.0	.3	.4	.3	.0	.0	.0	.3	.3	.7	.4	.3	.2	.1	.0	.1	.1	.4	.5	.3
165.	*	.0	.3	.5	.3	.0	.0	.0	.3	.3	.8	.4	.2	.2	.1	.0	.1	.1	.4	.5	.3
170.	*	.0	.4	.5	.4	.1	.0	.0	.3	.3	.8	.3	.2	.2	.1	.0	.1	.1	.4	.5	.2
175.	*	.0	.4	.5	.4	.1	.0	.0	.3	.3	.8	.3	.3	.2	.1	.0	.1	.1	.5	.5	.2
180.	*	.0	.4	.5	.4	.1	.0	.0	.3	.5	.8	.3	.3	.2	.1	.0	.1	.1	.5	.5	.2
185.	*	.0	.5	.5	.4	.1	.0	.0	.3	.5	.9	.1	.3	.2	.1	.0	.1	.1	.5	.5	.2
190.	*	.0	.4	.5	.4	.1	.1	.0	.3	.5	.9	.1	.4	.2	.1	.0	.1	.1	.5	.5	.2
195.	*	.0	.4	.5	.3	.1	.1	.0	.3	.6	.9	.3	.4	.2	.1	.0	.0	.1	.5	.4	.2
200.	*	.0	.4	.5	.3	.1	.1	.0	.3	.6	.9	.3	.2	.1	.0	.0	.0	.2	.4	.4	.2
205.	*	.0	.4	.4	.3	.1	.1	.0	.3	.6	.8	.3	.2	.0	.0	.0	.0	.1	.4	.3	.2

1

JOB: S13 B230 PM 118CRYRCK

RUN: S13 B230 PM 118 CRYRCK

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.4	.4	.3	.1	.1	.0	.3	.7	.8	.5	.2	.0	.0	.0	.0	.1	.4	.3	.2
215.	*	.0	.4	.4	.3	.1	.1	.0	.3	.6	.9	.5	.2	.0	.0	.0	.0	.1	.3	.3	.2
220.	*	.0	.4	.4	.3	.1	.1	.0	.3	.8	.8	.5	.1	.0	.0	.0	.0	.0	.3	.2	.2
225.	*	.0	.4	.4	.2	.1	.1	.0	.4	.9	.7	.4	.1	.0	.0	.0	.0	.0	.3	.3	.3
230.	*	.0	.4	.4	.4	.3	.2	.1	.5	.7	.8	.3	.0	.0	.0	.0	.0	.0	.2	.3	.2
235.	*	.0	.4	.4	.4	.4	.4	.1	.5	.7	.7	.3	.0	.0	.0	.0	.0	.0	.2	.2	.2
240.	*	.0	.4	.4	.5	.4	.3	.2	.4	.6	.6	.3	.0	.0	.0	.0	.0	.0	.1	.2	.2
245.	*	.0	.4	.4	.4	.4	.4	.2	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
250.	*	.0	.4	.5	.6	.4	.4	.4	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
255.	*	.0	.4	.6	.7	.5	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.4	.6	.5	.5	.5	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.5	.6	.5	.4	.4	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.6	.7	.4	.3	.5	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.6	.7	.4	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.6	.7	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.5	.6	.1	.4	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.5	.6	.1	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
295.	*	.0	.6	.6	.1	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
300.	*	.0	.6	.5	.2	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
305.	*	.2	.6	.4	.2	.5	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
310.	*	.2	.5	.4	.2	.5	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
315.	*	.2	.4	.3	.2	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
320.	*	.2	.4	.4	.2	.5	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0

13B230BP.OUT

325.	*	.2	.3	.3	.3	.5	.3	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.3	.3	.5	.3	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.3	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.1	.3	.4	.3	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.1	.3	.3	.3	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.2	.3	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.2	.3	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.2	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.2	.6	.7	.7	.5	.5	.4	.5	.9	.9	.7	.4	.2	.1	.0	.1	.3	.5	.6	.6			
DEGR.	*	305	270	270	255	255	260	15	230	225	215	100	140	120	160	0	105	90	175	120	95			

1

JOB: S13 B230 PM 118CRYRCK

RUN: S13 B230 PM 118 CRYRCK

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.2	.8	.8	.1	.3	.4	.1
5.	*	.0	.3	.8	.8	.1	.4	.5	.1
10.	*	.0	.3	.9	.9	.2	.4	.5	.0
15.	*	.0	.3	.9	.9	.2	.5	.4	.0
20.	*	.0	.3	1.0	.9	.4	.5	.3	.0
25.	*	.0	.3	1.0	.8	.4	.5	.3	.0
30.	*	.0	.3	1.0	.8	.4	.4	.3	.0
35.	*	.0	.3	1.0	.9	.4	.3	.3	.0
40.	*	.0	.4	.9	1.0	.4	.3	.3	.0
45.	*	.0	.4	1.2	.9	.5	.3	.3	.0
50.	*	.1	.3	1.1	.8	.5	.3	.2	.0
55.	*	.1	.3	.8	.7	.3	.3	.2	.0
60.	*	.2	.3	.7	.4	.2	.2	.2	.0
65.	*	.3	.3	.4	.4	.2	.2	.2	.0
70.	*	.4	.2	.5	.4	.2	.2	.2	.0
75.	*	.4	.1	.3	.2	.1	.2	.2	.0
80.	*	.4	.1	.2	.1	.2	.2	.2	.0
85.	*	.4	.0	.1	.1	.2	.2	.2	.0
90.	*	.4	.0	.1	.1	.2	.2	.2	.0
95.	*	.2	.0	.1	.1	.2	.2	.2	.0
100.	*	.2	.0	.1	.1	.2	.2	.2	.0
105.	*	.2	.0	.1	.1	.2	.2	.2	.0
110.	*	.2	.0	.1	.1	.2	.2	.2	.0
115.	*	.2	.0	.0	.1	.2	.2	.2	.0
120.	*	.2	.0	.0	.1	.2	.2	.2	.0
125.	*	.2	.0	.0	.1	.2	.2	.1	.0
130.	*	.2	.0	.0	.0	.2	.2	.1	.0
135.	*	.2	.0	.0	.0	.1	.1	.1	.0
140.	*	.2	.0	.0	.0	.1	.1	.0	.0
145.	*	.2	.0	.0	.0	.1	.1	.0	.0
150.	*	.2	.0	.0	.0	.0	.0	.0	.0
155.	*	.2	.0	.0	.0	.0	.0	.0	.0
160.	*	.2	.0	.0	.0	.0	.0	.0	.0
165.	*	.2	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.0	.0	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.0	.0	.0
195.	*	.2	.0	.0	.0	.0	.0	.0	.0
200.	*	.2	.0	.0	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B230 PM 118CRYRCK

RUN: S13 B230 PM 118 CRYRCK

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.3	.0	.0	.0	.0	.0	.0	.0
215.	*	.3	.0	.0	.0	.0	.0	.0	.0
220.	*	.3	.1	.0	.0	.0	.0	.0	.0
225.	*	.3	.1	.1	.1	.0	.0	.0	.0
230.	*	.3	.1	.1	.2	.2	.0	.0	.0
235.	*	.3	.2	.2	.3	.2	.0	.0	.0
240.	*	.2	.2	.2	.4	.3	.0	.0	.0
245.	*	.1	.2	.2	.5	.4	.0	.0	.0
250.	*	.1	.2	.2	.6	.5	.1	.0	.0
255.	*	.0	.3	.2	.6	.6	.1	.0	.0
260.	*	.0	.3	.2	.8	.8	.1	.0	.0
265.	*	.0	.3	.3	.9	.8	.2	.0	.0
270.	*	.0	.3	.3	.9	.9	.2	.1	.0
275.	*	.0	.3	.3	.9	.9	.3	.1	.0
280.	*	.0	.3	.4	.9	.8	.3	.1	.0
285.	*	.0	.2	.4	.9	.7	.3	.1	.0
290.	*	.0	.2	.4	.9	.7	.3	.1	.0
295.	*	.0	.2	.4	.9	.7	.3	.1	.0
300.	*	.0	.1	.3	.8	.6	.3	.1	.0
305.	*	.0	.1	.3	.8	.6	.3	.1	.0
310.	*	.0	.1	.4	.7	.6	.3	.1	.1
315.	*	.0	.2	.4	.7	.5	.2	.1	.1
320.	*	.0	.2	.5	.8	.5	.2	.1	.1
325.	*	.0	.2	.6	.8	.4	.2	.1	.1

13B230BP.OUT

330.	*	.0	.2	.6	.8	.3	.2	.1	.1
335.	*	.0	.2	.7	.8	.3	.1	.1	.1
340.	*	.0	.2	.7	.8	.3	.0	.2	.2
345.	*	.0	.2	.7	.8	.2	.0	.2	.2
350.	*	.0	.2	.7	.7	.1	.0	.2	.2
355.	*	.0	.2	.7	.8	.1	.0	.3	.1
360.	*	.0	.2	.8	.8	.1	.3	.4	.1
MAX	*	.4	.4	1.2	1.0	.9	.5	.5	.2
DEGR.	*	70	40	45	40	270	15	5	340

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 45 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 225 DEGREES FROM REC9 .

1

JOB: S13 B230 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:07:30.07

RUN: S13 B230 PM 118 CRYRCK

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 305	REC2 270	REC3 270	REC4 255	REC5 255	REC6 260	REC7 15	REC8 230	REC9 225	REC10 215	REC11 100	REC12 140	REC13 120	REC14 160	REC15 0	REC16 105	REC17 90	REC18 175	REC19 120	REC20 95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.1	.4	.4	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.4	.1	.1	.0	.0	.1	.1	.0	.0	.0
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
38	*	.1	.1	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3
39	*	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S13 B230 PM 118CRYRCK
 DATE: 01/10/2007 TIME: 14:07:30.07

RUN: S13 B230 PM 118 CRYRCK

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 70	REC22 40	REC23 45	REC24 40	REC25 270	REC26 15	REC27 5	REC28 340
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.2	.2	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.1	.0	.1	.0
34	*	.0	.0	.1	.1	.0	.1	.0
35	*	.2	.1	.0	.0	.1	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.1	.2	.2	.2	.2	.0	.0
38	*	.1	.1	.7	.5	.6	.0	.0
39	*	.0	.0	.1	.1	.0	.1	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

13B230BP.OUT

Site 14 I-270 NB & MD 118

S14EXAM.DAT

I-270 /US15 CORRIDOR STUDY 60.0175.0.0000.000170.30480000 11 1

R1	I270	NB	OFF	RAMP	240783.	552536.	5.0		
R2	I270	NB	OFF	RAMP	240753.	552813.	5.0		
R3	I270	NB	OFF	RAMP	240729.	553008.	5.0		
R4	I270	NB	OFF	RAMP	240703.	553315.	5.0		
R5	118	EB	OFFICE	PAR	240689.	553665.	5.0		
R8	NB	ON	RMP		239700.	553907.	5.0		
R9	SB	OFF	RMP		239327.	553411.	5.0		
R10	SB	OFF	RMP		239309.	553110.	5.0		
R11	SB	OFF	RMP		239214.	552685.	5.0		
R12	SB	OFF	RMP	TO 11	238972.	552349.	5.0		
R13	118	EB			238908.	552085.	5.0		
R14	118	EB/270	SB	ON	239233.	552251.	5.0		
R15	SB	ON	RMP		239493.	552267.	5.0		
R16	118	NB			240692.	553517.	5.0		
R17	118	NB			240743.	553791.	5.0		
R17	NB	ON	RMP		240292.	553828.	5.0		
R17	NB	ON	RMP		240050.	553809.	5.0		
1998	EXISTING	AM	I270/118				77	1	1

1		NB	I270	AG240463.552438.240018.553073.	1924.	2.8	0.56.0	64	
2		MD118	WB	OAG240018.553073.239905.553307.	471.	4.0	0.32.	30	
3		MD118	WB	OAG239905.553307.239873.553442.	471.	4.0	0.32.	30	
4		MD118	WB	OAG239873.553442.239886.553533.	471.	4.0	0.32.	30	
5		MD118	WB	OAG239886.553533.239936.553617.	471.	4.0	0.32.	30	
6		MD118	WB	OAG239936.553617.240022.553677.	471.	4.0	0.32.	30	
7		MD118	WB	OAG240022.553677.240115.553699.	471.	4.0	0.32.	30	
8		MD118	WB	OAG240115.553699.240208.553680.	471.	4.0	0.32.	30	
9		MD118	WB	OAG240208.553680.240300.553624.	471.	4.0	0.32.	30	
10		MD118	WB	OAG240300.553624.240350.553535.	471.	4.0	0.32.	30	
11		MD118	WB	OAG240350.553535.240375.553374.	471.	4.0	0.32.	30	
12		MD118	WB	OAG240375.553374.240341.553213.	471.	4.0	0.32.	30	
13		NB	I 270	AG240018.553073.239513.553797.	1924.	2.8	0.56.0	64.0	
14		NB	I 270	AG239513.553797.239408.554016.	1924.	2.8	0.56.0	64.0	
15		NB	I 270	AG239408.554016.239367.554097.	1924.	2.8	0.56.0	64.0	
16		NB	OFF	RMPAG240719.552649.240624.553323.	412.	4.0	0.32.	30.0	
17		NB	OFF	RMPAG240624.553323.240623.553484.	412.	4.0	0.32.	30.0	
18		NB	OFF	RMPAG240623.553484.240654.553656.	412.	4.0	0.32.	30.0	
19		NB	OFF	RAMAG240654.553656.240717.553796.	412.	4.0	0.32.	30.0	
20		NB	OFF	RAMAG240717.553796.240749.553904.	412.	4.0	0.32.	30.0	
21		SB	I270	AG239300.554039.239425.553809.	3609.	2.8	0.56.0	64	
22		SB	I270	AG239425.553809.239924.553085.	3609.	2.8	0.64.0	64	
23		SB	I270	AG239924.553085.240256.552627.	4394.	2.8	0.56.0	64	
24		SB	I270	AG240256.552627.240414.552404.	4394.	2.8	0.56.0	64	
25		WB	118	AG240713.553950.240630.553805.	2101.	2.8	0.56.	40.0	
26		NB	ON	RMP AG240615.553775.240558.553710.	264.	4.0	0.32.	30.0	
27		WB	118	R AG240558.553710.240440.553666.	264.	4.0	0.32.	0	
28		NB	I270	ONAG240440.553666.240280.553729.	715.	4.0	0.32.	0	
29		NB	I270	ONAG240280.553729.240165.553737.	715.	4.0	0.32.	0	
30		NB	I270	ONAG240165.553737.239924.553734.	715.	4.0	0.32.	0	
31		NB	I270	ONAG239924.553734.239783.553767.	715.	4.0	0.32.	0	
32		NB	I270	ONAG239783.553767.239622.553853.	715.	4.0	0.32.	0	
33		NB	I270	ONAG239622.553853.239472.553976.	715.	4.0	0.32.	0	
34		NB	I270	ONAG239472.553976.239385.554115.	715.	4.0	0.32.	0	
35		WB	118	AG240341.553213.240251.553037.	2308.	2.8	0.56.	0	
36		WB	118	AG240251.553037.240062.552811.	2308.	2.8	0.56.	0	
37		WB	118	AG240062.552811.239884.552679.	2308.	2.8	0.56.	40.0	
38		SB	270	ONRAG239884.552679.239711.552612.	785.	4.0	0.32.	0	
39		SB	270	ONRAG239711.552612.239568.552611.	785.	4.0	0.32.	0	
40		SB	270	ONRAG239568.552611.239478.552655.	785.	4.0	0.32.	0	
41		SB	270	ONRAG239478.552655.239404.552745.	785.	4.0	0.32.	0	
42		SB	270	ONRAG239404.552745.239374.552830.	785.	4.0	0.32.	0	
43		SB	270	ONRAG239374.552830.239373.552933.	785.	4.0	0.32.	0	

44	1	SB	270	ONRAG239373.552933.239391.553042.	785.	4.0	0.	32.	0
45	1	SB	270	ONRAG239391.553042.239435.553125.	785.	4.0	0.	32.	0
46	1	SB	270	ONRAG239435.553125.239519.553196.	785.	4.0	0.	32.	0
47	1	SB	270	ONRAG239519.553196.239611.553225.	785.	4.0	0.	32.	0
48	1	SB	270	ONRAG239611.553225.239715.553216.	785.	4.0	0.	32.	0
49	1	SB	270	ONRAG239715.553216.239822.553155.	785.	4.0	0.	32.	0
50	1	SB	270	ONRAG239822.553155.239924.553085.	785.	4.0	0.	32.	0
51	1	WB	118	AG240534.553609.240460.553444.	1837.	2.8	0.	56.	40.0
52	1	WB	118	AG240460.553444.240341.553213.	1837.	2.8	0.	56.	0
53	1	WB	118	AG239884.552679.239775.552591.	1523.	2.8	0.	56.	0
54	1	270	SB	OFFAG239275.554022.239370.553840.	1000.	4.0	0.	32.	0
55	1	270	SB	OFFAG239370.553840.239412.553692.	1000.	4.0	0.	32.	0
56	1	270	SB	OFFAG239412.553692.239432.553555.	1000.	4.0	0.	32.	0
57	1	270	SB	OFFAG239432.553555.239424.553391.	1000.	4.0	0.	32.	0
58	1	270	SB	OFFAG239424.553391.239361.553065.	1000.	4.0	0.	32.	0
59	1	270	SB	OFFAG239361.553065.239329.552837.	1000.	4.0	0.	32.	0
60	1	WB	118	ON AG239329.552837.239251.552589.	1000.	4.0	0.	32.	0
61	1	270	SB	OFFAG239329.552837.239363.552674.	500.	4.0	0.	32.	0
62	1	EB	118	AG239473.552421.239822.552562.	2214.	2.8	0.	56.	40.0
63	1	EB	118	AG239822.552562.240096.552772.	2214.	2.8	0.	56.	40.0
64	1	EB	118	AG240096.552772.240291.552992.	2214.	2.8	0.	56.	40.0
65	1	EB	118	AG240590.553602.240684.553805.	1763.	2.8	0.	56.	40.0
66	1	118	EB	AG240684.553805.240752.553909.	1763.	2.8	0.	56.	40.0
67	1	NB	ON	RMP AG240560.553593.240437.553665.	451.	4.0	0.32.0		30.0
68	2	SB	OFF	118AG239449.552451.239363.552672.	500.	4.0	0.32.0		30.0
68	90	SB	OFF	118AG239437.552482.239372.552648.	0.	12.	1		
70	2	118	W	SB OAG239450.552453.239776.552591.	1523.	2.8	0.40.0		30.0
70	90	118	W	SB OAG239471.552462.239743.552577.	0.	20.	2		
72	2	118	E	NBLTAG240408.553247.240567.553594.	451.	2.8	0.32.0		30.0
72	55	118	E	NB OAG240554.553565.240432.553300.	0.	10.	1		
74	1	118	E	NB OAG240290.552993.240416.553217.	2214.	2.8	0.50.0		30.0
75	1	118	E	NBTHAG240416.553217.240590.553604.	1763.	2.8	0.40.0		30.0
77	2	118	W	NB OAG240631.553803.240533.553608.	1837.	2.8	0.40.0		30.0
77	55	118	E	NB OAG240546.553634.240621.553783.	0.	20.	2		
1.0	0.4	1000.	0.0Y	5 0 72	4.0	1837	29.1	1770	2 3

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/14/2006 TIME: 12:36:15.76

RUN: 1998 EXISTING AM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	1924.	2.8	.0	56.0	
2. 2	MD118 WB	* 240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	471.	4.0	.0	32.0	
3. 3	MD118 WB	* 239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	471.	4.0	.0	32.0	
4. 4	MD118 WB	* 239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	471.	4.0	.0	32.0	
5. 5	MD118 WB	* 239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	471.	4.0	.0	32.0	
6. 6	MD118 WB	* 239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	471.	4.0	.0	32.0	
7. 7	MD118 WB	* 240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	471.	4.0	.0	32.0	
8. 8	MD118 WB	* 240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	471.	4.0	.0	32.0	
9. 9	MD118 WB	* 240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	471.	4.0	.0	32.0	
10. 10	MD118 WB	* 240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	471.	4.0	.0	32.0	
11. 11	MD118 WB	* 240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	471.	4.0	.0	32.0	
12. 12	MD118 WB	* 240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	471.	4.0	.0	32.0	
13. 13	NB I 270	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	1924.	2.8	.0	56.0	
14. 14	NB I 270	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	1924.	2.8	.0	56.0	
15. 15	NB I 270	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	1924.	2.8	.0	56.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	412.	4.0	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	412.	4.0	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	412.	4.0	.0	32.0	
19. 19	NB OFF RAM*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	412.	4.0	.0	32.0	
20. 20	NB OFF RAM*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	412.	4.0	.0	32.0	
21. 21	SB I270	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	3609.	2.8	.0	56.0	
22. 22	SB I270	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	3609.	2.8	.0	64.0	
23. 23	SB I270	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	4394.	2.8	.0	56.0	
24. 24	SB I270	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	4394.	2.8	.0	56.0	
25. 25	WB 118	* 240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	2101.	2.8	.0	56.0	
26. 26	NB ON RMP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	264.	4.0	.0	32.0	
27. 27	WB 118 R	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	264.	4.0	.0	32.0	
28. 28	NB I270 ON*	240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	715.	4.0	.0	32.0	
29. 29	NB I270 ON*	240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	715.	4.0	.0	32.0	
30. 30	NB I270 ON*	240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	715.	4.0	.0	32.0	
31. 31	NB I270 ON*	239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	715.	4.0	.0	32.0	
32. 32	NB I270 ON*	239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	715.	4.0	.0	32.0	
33. 33	NB I270 ON*	239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	715.	4.0	.0	32.0	
34. 34	NB I270 ON*	239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	715.	4.0	.0	32.0	
35. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2308.	2.8	.0	56.0	
36. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2308.	2.8	.0	56.0	
37. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2308.	2.8	.0	56.0	
38. 38	SB 270 ONR*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	785.	4.0	.0	32.0	
39. 39	SB 270 ONR*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	785.	4.0	.0	32.0	
40. 40	SB 270 ONR*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	785.	4.0	.0	32.0	
41. 41	SB 270 ONR*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	785.	4.0	.0	32.0	
42. 42	SB 270 ONR*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	785.	4.0	.0	32.0	
43. 43	SB 270 ONR*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	785.	4.0	.0	32.0	
44. 44	SB 270 ONR*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	785.	4.0	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/14/2006 TIME: 12:36:15.76

RUN: 1998 EXISTING AM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	SB 270 ONR*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	785.	4.0	.0	32.0	
46. 46	SB 270 ONR*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	785.	4.0	.0	32.0	
47. 47	SB 270 ONR*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	785.	4.0	.0	32.0	
48. 48	SB 270 ONR*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	785.	4.0	.0	32.0	
49. 49	SB 270 ONR*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	785.	4.0	.0	32.0	
50. 50	SB 270 ONR*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	785.	4.0	.0	32.0	
51. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	1837.	2.8	.0	56.0	
52. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	1837.	2.8	.0	56.0	
53. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	1523.	2.8	.0	56.0	
54. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	1000.	4.0	.0	32.0	
55. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	1000.	4.0	.0	32.0	
56. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	1000.	4.0	.0	32.0	
57. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	1000.	4.0	.0	32.0	
58. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	1000.	4.0	.0	32.0	
59. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	1000.	4.0	.0	32.0	
60. 60	WB 118 ON	* 239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	1000.	4.0	.0	32.0	
61. 61	270 SB OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	500.	4.0	.0	32.0	
62. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	2214.	2.8	.0	56.0	
63. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	2214.	2.8	.0	56.0	
64. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2214.	2.8	.0	56.0	
65. 65	EB 118	* 240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1763.	2.8	.0	56.0	
66. 66	118 EB	* 240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1763.	2.8	.0	56.0	
67. 67	NB ON RMP	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	451.	4.0	.0	32.0	
68. 68	SB OFF 118*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	500.	4.0	.0	32.0	
69. 68	SB OFF 118*	239437.0	552482.0	239349.5	552705.4	*	240.	339. AG	52.	100.0	.0	12.0	.96 12.2
70. 70	118 W SB 0*	239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1523.	2.8	.0	40.0	
71. 70	118 W SB 0*	239471.0	552462.0	239586.0	552510.6	*	125.	67. AG	52.	100.0	.0	20.0	.68 6.3
72. 72	118 E NBLT*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	451.	2.8	.0	32.0	
73. 72	118 E NB 0*	240554.0	553565.0	240549.9	553556.0	*	10.	205. AG	6.	100.0	.0	10.0	.31 .5
74. 74	118 E NB 0*	240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	2214.	2.8	.0	50.0	
75. 75	118 E NBTH*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	1763.	2.8	.0	40.0	
76. 77	118 W NB 0*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1837.	2.8	.0	40.0	
77. 77	118 E NB 0*	240546.0	553634.0	240575.4	553692.3	*	65.	27. AG	37.	100.0	.0	20.0	.79 3.3

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING AM I270/118
Page 1

DATE: 12/14/2006 TIME: 12:36:15.76

S14EXAM.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
69. 68 SB OFF 118*	90	60	2.0	500	1800	29.10	1	3
71. 70 118 W SB 0*	90	30	2.0	1523	1800	29.10	1	3
73. 72 118 E NB 0*	55	4	4.0	451	1770	29.10	2	3
77. 77 118 E NB 0*	55	13	4.0	1837	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	5.0	*
6. R8 NB ON RMP	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	5.0	*
11. R13 118 EB	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	5.0	*
13. R15 SB ON RMP	239493.0	552267.0	5.0	*
14. R16 118 NB	240692.0	553517.0	5.0	*
15. R17 118 NB	240743.0	553791.0	5.0	*
16. R17 NB ON RMP	240292.0	553828.0	5.0	*
17. R17 NB ON RMP	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING AM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
5.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING AM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
220.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

S14EXAM.OUT

225.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
230.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
235.	*	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
240.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
245.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
250.	*	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
255.	*	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
260.	*	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
265.	*	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
270.	*	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
275.	*	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
280.	*	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
285.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
290.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
295.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
300.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
305.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
310.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
325.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
330.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
335.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
340.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
345.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
350.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
355.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
MAX	*	.1	.1	.1	.0	.3	.2	.2	.2	.1	.0	.0	.1	.1	.1	.3	.0
DEGR.	*	260	265	250	0	0	170	55	30	40	0	0	60	5	230	235	0

THE HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 235 DEGREES FROM REC15 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 170 DEGREES FROM REC6 .

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/14/2006 TIME: 12:36:15.76

RUN: 1998 EXISTING AM I270/118

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 260	REC2 265	REC3 250	REC4 0	REC5 0	REC6 170	REC7 55	REC8 30	REC9 40	REC10 0	REC11 0	REC12 60	REC13 5	REC14 230	REC15 235	REC16 0	REC17 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING AM I270/118

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 260	REC2 265	REC3 250	REC4 0	REC5 0	REC6 170	REC7 55	REC8 30	REC9 40	REC10 0	REC11 0	REC12 60	REC13 5	REC14 230	REC15 235	REC16 0	REC17 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

S14EXPM.DAT

I-270 /US15 CORRIDOR STUDY 60.0175.0.0000.000170.30480000 11 1

R1	I270	NB	OFF	RAMP	240783.	552536.	5.0		
R2	I270	NB	OFF	RAMP	240753.	552813.	5.0		
R3	I270	NB	OFF	RAMP	240729.	553008.	5.0		
R4	I270	NB	OFF	RAMP	240703.	553315.	5.0		
R5	118	EB	OFFICE	PAR	240689.	553665.	5.0		
R8	NB	ON	RMP		239700.	553907.	5.0		
R9	SB	OFF	RMP		239327.	553411.	5.0		
R10	SB	OFF	RMP		239309.	553110.	5.0		
R11	SB	OFF	RMP		239214.	552685.	5.0		
R12	SB	OFF	RMP	TO 11	238972.	552349.	5.0		
R13	118	EB			238908.	552085.	5.0		
R14	118	EB/270	SB	ON	239233.	552251.	5.0		
R15	SB	ON	RMP		239493.	552267.	5.0		
R16	118	NB			240692.	553517.	5.0		
R17	118	NB			240743.	553791.	5.0		
R17	NB	ON	RMP		240292.	553828.	5.0		
R17	NB	ON	RMP		240050.	553809.	5.0		
1998	EXISTING	PM	I270/118				77	1	1

1		NB	I270	AG240463.552438.240018.553073.	4968.	2.9	0.64.0	64
2		MD118	WB	OAG240018.553073.239905.553307.	493.	4.0	0.32.	30
3		MD118	WB	OAG239905.553307.239873.553442.	493.	4.0	0.32.	30
4		MD118	WB	OAG239873.553442.239886.553533.	493.	4.0	0.32.	30
5		MD118	WB	OAG239886.553533.239936.553617.	493.	4.0	0.32.	30
6		MD118	WB	OAG239936.553617.240022.553677.	493.	4.0	0.32.	30
7		MD118	WB	OAG240022.553677.240115.553699.	493.	4.0	0.32.	30
8		MD118	WB	OAG240115.553699.240208.553680.	493.	4.0	0.32.	30
9		MD118	WB	OAG240208.553680.240300.553624.	493.	4.0	0.32.	30
10		MD118	WB	OAG240300.553624.240350.553535.	493.	4.0	0.32.	30
11		MD118	WB	OAG240350.553535.240375.553374.	493.	4.0	0.32.	30
12		MD118	WB	OAG240375.553374.240341.553213.	493.	4.0	0.32.	30
13		NB	I 270	AG240018.553073.239513.553797.	4968.	2.9	0.64.0	64.0
14		NB	I 270	AG239513.553797.239408.554016.	4968.	2.9	0.64.0	64.0
15		NB	I 270	AG239408.554016.239367.554097.	4968.	2.9	0.64.0	64.0
16		NB	OFF	RMPAG240719.552649.240624.553323.	726.	4.0	0.32.	30.0
17		NB	OFF	RMPAG240624.553323.240623.553484.	726.	4.0	0.32.	30.0
18		NB	OFF	RMPAG240623.553484.240654.553656.	726.	4.0	0.32.	30.0
19		NB	OFF	RAMAG240654.553656.240717.553796.	726.	4.0	0.32.	30.0
20		NB	OFF	RAMAG240717.553796.240749.553904.	726.	4.0	0.32.	30.0
21		SB	I270	AG239300.554039.239425.553809.	1782.	2.8	0.56.0	64
22		SB	I270	AG239425.553809.239924.553085.	1782.	2.8	0.64.0	64
23		SB	I270	AG239924.553085.240256.552627.	1989.	2.8	0.56.0	64
24		SB	I270	AG240256.552627.240414.552404.	1989.	2.8	0.56.0	64
25		WB	118	AG240713.553950.240630.553805.	2502.	2.8	0.56.	40.0
26		NB	ON	RMP AG240615.553775.240558.553710.	972.	4.0	0.32.	30.0
27		WB	118	R AG240558.553710.240440.553666.	972.	4.0	0.32.	0
28		NB	I270	ONAG240440.553666.240280.553729.	1449.	4.0	0.32.	0
29		NB	I270	ONAG240280.553729.240165.553737.	1449.	4.0	0.32.	0
30		NB	I270	ONAG240165.553737.239924.553734.	1449.	4.0	0.32.	0
31		NB	I270	ONAG239924.553734.239783.553767.	1449.	4.0	0.32.	0
32		NB	I270	ONAG239783.553767.239622.553853.	1449.	4.0	0.32.	0
33		NB	I270	ONAG239622.553853.239472.553976.	1449.	4.0	0.32.	0
34		NB	I270	ONAG239472.553976.239385.554115.	1449.	4.0	0.32.	0
35		WB	118	AG240341.553213.240251.553037.	1546.	2.8	0.56.	0
36		WB	118	AG240251.553037.240062.552811.	1546.	2.8	0.56.	0
37		WB	118	AG240062.552811.239884.552679.	1546.	2.8	0.56.	40.0
38		SB	270	ONRAG239884.552679.239711.552612.	207.	4.0	0.32.	0
39		SB	270	ONRAG239711.552612.239568.552611.	207.	4.0	0.32.	0
40		SB	270	ONRAG239568.552611.239478.552655.	207.	4.0	0.32.	0
41		SB	270	ONRAG239478.552655.239404.552745.	207.	4.0	0.32.	0
42		SB	270	ONRAG239404.552745.239374.552830.	207.	4.0	0.32.	0
43		SB	270	ONRAG239374.552830.239373.552933.	207.	4.0	0.32.	0

							S14EXPM.DAT		
44	1	SB	270	ONRAG239373.552933.	239391.553042.	207.	4.0	0. 32.	0
45	1	SB	270	ONRAG239391.553042.	239435.553125.	207.	4.0	0. 32.	0
46	1	SB	270	ONRAG239435.553125.	239519.553196.	207.	4.0	0. 32.	0
47	1	SB	270	ONRAG239519.553196.	239611.553225.	207.	4.0	0. 32.	0
48	1	SB	270	ONRAG239611.553225.	239715.553216.	207.	4.0	0. 32.	0
49	1	SB	270	ONRAG239715.553216.	239822.553155.	207.	4.0	0. 32.	0
50	1	SB	270	ONRAG239822.553155.	239924.553085.	207.	4.0	0. 32.	0
51	1	WB	118	AG240534.553609.	240460.553444.	1053.	2.8	0. 56.	40.0
52	1	WB	118	AG240460.553444.	240341.553213.	1053.	2.8	0. 56.	0
53	1	WB	118	AG239884.552679.	239775.552591.	1339.	2.8	0. 56.	0
54	1	270	SB	OFFAG239275.554022.	239370.553840.	776.	4.0	0. 32.	0
55	1	270	SB	OFFAG239370.553840.	239412.553692.	776.	4.0	0. 32.	0
56	1	270	SB	OFFAG239412.553692.	239432.553555.	776.	4.0	0. 32.	0
57	1	270	SB	OFFAG239432.553555.	239424.553391.	776.	4.0	0. 32.	0
58	1	270	SB	OFFAG239424.553391.	239361.553065.	776.	4.0	0. 32.	0
59	1	270	SB	OFFAG239361.553065.	239329.552837.	776.	4.0	0. 32.	0
60	1	WB	118	ON AG239329.552837.	239251.552589.	776.	4.0	0. 32.	0
61	1	270	SB	OFFAG239329.552837.	239363.552674.	500.	4.0	0. 32.	0
62	1	EB	118	AG239473.552421.	239822.552562.	2402.	2.8	0. 56.	40.0
63	1	EB	118	AG239822.552562.	240096.552772.	2402.	2.8	0. 56.	40.0
64	1	EB	118	AG240096.552772.	240291.552992.	2402.	2.8	0. 56.	40.0
65	1	EB	118	AG240590.553602.	240684.553805.	1925.	2.8	0. 56.	40.0
66	1	118	EB	AG240684.553805.	240752.553909.	1925.	2.8	0. 56.	40.0
67	1	NB	ON RMP	AG240560.553593.	240437.553665.	477.	4.0	0.32.0	30.0
68	2	SB	OFF	118AG239449.552451.	239363.552672.	500.	4.0	0.32.0	30.0
68	90	SB	OFF	118AG239437.552482.	239372.552648.	0. 12.	1		
				60 2.0 500	29.1 1800 1 3				
70	1	118	W SB	OAG239450.552453.	239776.552591.	1339.	2.8	0.40.0	30.0
70	2	118	W SB	OAG239471.552462.	239743.552577.	0. 20.	2		
	90			30 2.0 1339	29.1 1800 1 3				
72	1	118	E NBLTAG240408.	553247.240567.	553594.	477.	2.8	0.32.0	30.0
72	2	118	E NB	OAG240554.553565.	240432.553300.	0. 10.	1		
	37			4 4.0 477	29.1 1770 2 3				
74	1	118	E NB	OAG240290.552993.	240416.553217.	2402.	2.8	0.50.0	30.0
75	1	118	E NBTHAG240416.	553217.240590.	553604.	1925.	2.8	0.40.0	30.0
77	1	118	W NB	OAG240631.553803.	240533.553608.	1053.	2.8	0.40.0	30.0
77	2	118	E NB	OAG240546.553634.	240621.553783.	0. 20.	2		
	37			12 4.0 1053	29.1 1770 2 3				
1.0	0.4	1000.	0.0Y	5 0 72					

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/14/2006 TIME: 12:35:08.09

RUN: 1998 EXISTING PM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	4968.	2.9	.0	64.0	
2. 2	MD118 WB 0*	240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	493.	4.0	.0	32.0	
3. 3	MD118 WB 0*	239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	493.	4.0	.0	32.0	
4. 4	MD118 WB 0*	239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	493.	4.0	.0	32.0	
5. 5	MD118 WB 0*	239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	493.	4.0	.0	32.0	
6. 6	MD118 WB 0*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	493.	4.0	.0	32.0	
7. 7	MD118 WB 0*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	493.	4.0	.0	32.0	
8. 8	MD118 WB 0*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	493.	4.0	.0	32.0	
9. 9	MD118 WB 0*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	493.	4.0	.0	32.0	
10. 10	MD118 WB 0*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	493.	4.0	.0	32.0	
11. 11	MD118 WB 0*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	493.	4.0	.0	32.0	
12. 12	MD118 WB 0*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	493.	4.0	.0	32.0	
13. 13	NB I 270	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	4968.	2.9	.0	64.0	
14. 14	NB I 270	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	4968.	2.9	.0	64.0	
15. 15	NB I 270	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	4968.	2.9	.0	64.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	726.	4.0	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	726.	4.0	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	726.	4.0	.0	32.0	
19. 19	NB OFF RAM*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	726.	4.0	.0	32.0	
20. 20	NB OFF RAM*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	726.	4.0	.0	32.0	
21. 21	SB I270	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	1782.	2.8	.0	56.0	
22. 22	SB I270	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	1782.	2.8	.0	64.0	
23. 23	SB I270	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	1989.	2.8	.0	56.0	
24. 24	SB I270	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	1989.	2.8	.0	56.0	
25. 25	WB 118	* 240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	2502.	2.8	.0	56.0	
26. 26	NB ON RMP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	972.	4.0	.0	32.0	
27. 27	WB 118 R	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	972.	4.0	.0	32.0	
28. 28	NB I270 ON*	240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	1449.	4.0	.0	32.0	
29. 29	NB I270 ON*	240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	1449.	4.0	.0	32.0	
30. 30	NB I270 ON*	240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	1449.	4.0	.0	32.0	
31. 31	NB I270 ON*	239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	1449.	4.0	.0	32.0	
32. 32	NB I270 ON*	239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	1449.	4.0	.0	32.0	
33. 33	NB I270 ON*	239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	1449.	4.0	.0	32.0	
34. 34	NB I270 ON*	239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	1449.	4.0	.0	32.0	
35. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	1546.	2.8	.0	56.0	
36. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	1546.	2.8	.0	56.0	
37. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	1546.	2.8	.0	56.0	
38. 38	SB 270 ONR*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	207.	4.0	.0	32.0	
39. 39	SB 270 ONR*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	207.	4.0	.0	32.0	
40. 40	SB 270 ONR*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	207.	4.0	.0	32.0	
41. 41	SB 270 ONR*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	207.	4.0	.0	32.0	
42. 42	SB 270 ONR*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	207.	4.0	.0	32.0	
43. 43	SB 270 ONR*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	207.	4.0	.0	32.0	
44. 44	SB 270 ONR*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	207.	4.0	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/14/2006 TIME: 12:35:08.09

RUN: 1998 EXISTING PM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	SB 270 ONR*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	207.	4.0	.0	32.0	
46. 46	SB 270 ONR*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	207.	4.0	.0	32.0	
47. 47	SB 270 ONR*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	207.	4.0	.0	32.0	
48. 48	SB 270 ONR*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	207.	4.0	.0	32.0	
49. 49	SB 270 ONR*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	207.	4.0	.0	32.0	
50. 50	SB 270 ONR*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	207.	4.0	.0	32.0	
51. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	1053.	2.8	.0	56.0	
52. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	1053.	2.8	.0	56.0	
53. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	1339.	2.8	.0	56.0	
54. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	776.	4.0	.0	32.0	
55. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	776.	4.0	.0	32.0	
56. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	776.	4.0	.0	32.0	
57. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	776.	4.0	.0	32.0	
58. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	776.	4.0	.0	32.0	
59. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	776.	4.0	.0	32.0	
60. 60	WB 118 ON	* 239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	776.	4.0	.0	32.0	
61. 61	270 SB OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	500.	4.0	.0	32.0	
62. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	2402.	2.8	.0	56.0	
63. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	2402.	2.8	.0	56.0	
64. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2402.	2.8	.0	56.0	
65. 65	EB 118	* 240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1925.	2.8	.0	56.0	
66. 66	118 EB	* 240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1925.	2.8	.0	56.0	
67. 67	NB ON RMP	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	477.	4.0	.0	32.0	
68. 68	SB OFF 118*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	500.	4.0	.0	32.0	
69. 68	SB OFF 118*	239437.0	552482.0	239349.5	552705.4	*	240.	339. AG	52.	100.0	.0	12.0	.96
70. 70	118 W SB 0*	239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1339.	2.8	.0	40.0	
71. 70	118 W SB 0*	239471.0	552462.0	239572.1	552504.8	*	110.	67. AG	52.	100.0	.0	20.0	.60
72. 72	118 E NBLT*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	477.	2.8	.0	32.0	
73. 72	118 E NB 0*	240554.0	553565.0	240549.6	553555.5	*	10.	205. AG	8.	100.0	.0	10.0	.37
74. 74	118 E NB 0*	240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	2402.	2.8	.0	50.0	
75. 75	118 E NBTH*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	1925.	2.8	.0	40.0	
76. 77	118 W NB 0*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1053.	2.8	.0	40.0	
77. 77	118 E NB 0*	240546.0	553634.0	240561.5	553664.8	*	35.	27. AG	51.	100.0	.0	20.0	.58

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING PM I270/118
Page 1

DATE: 12/14/2006 TIME: 12:35:08.09

S14EXPM.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
69. 68 SB OFF 118*	90	60	2.0	500	1800	29.10	1	3
71. 70 118 W SB 0*	90	30	2.0	1339	1800	29.10	1	3
73. 72 118 E NB 0*	37	4	4.0	477	1770	29.10	2	3
77. 77 118 E NB 0*	37	12	4.0	1053	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	5.0	*
6. R8 NB ON RMP	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	5.0	*
11. R13 118 EB	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	5.0	*
13. R15 SB ON RMP	239493.0	552267.0	5.0	*
14. R16 118 NB	240692.0	553517.0	5.0	*
15. R17 118 NB	240743.0	553791.0	5.0	*
16. R17 NB ON RMP	240292.0	553828.0	5.0	*
17. R17 NB ON RMP	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING PM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
5.	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
10.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
15.	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
125.	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
130.	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
135.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
145.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
150.	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
155.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
160.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
165.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
170.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
175.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
180.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
185.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
190.	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
195.	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
200.	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
205.	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING PM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2
215.	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2
220.	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2

S14EXPM.OUT

225.	*	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
230.	*	.0	.2	.2	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2
235.	*	.0	.2	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
240.	*	.0	.2	.2	.0	.3	.2	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2
245.	*	.0	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1
250.	*	.0	.2	.2	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1
255.	*	.1	.2	.2	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1
260.	*	.1	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1
265.	*	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2	.0	.1
270.	*	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
275.	*	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
280.	*	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
285.	*	.1	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0
290.	*	.1	.1	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
295.	*	.1	.2	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
300.	*	.1	.2	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
305.	*	.1	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
310.	*	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
315.	*	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
320.	*	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
325.	*	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
330.	*	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
335.	*	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
340.	*	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
345.	*	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
350.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
355.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
360.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
MAX	*	.1	.2	.2	.2	.3	.3	.1	.2	.1	.0	.0	.1	.1	.2	.4	.2
DEGR.	*	255	225	215	210	0	155	10	30	50	0	0	55	0	260	285	180

THE HIGHEST CONCENTRATION IS .40 PPM AT 285 DEGREES FROM REC15.
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 155 DEGREES FROM REC6 .

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/14/2006 TIME: 12:35:08.09

RUN: 1998 EXISTING PM I270/118

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																
	REC1 255	REC2 225	REC3 215	REC4 210	REC5 0	REC6 155	REC7 10	REC8 30	REC9 50	REC10 0	REC11 0	REC12 55	REC13 0	REC14 260	REC15 285	REC16 180	REC17 165
1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: 1998 EXISTING PM I270/118

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																
	REC1 255	REC2 225	REC3 215	REC4 210	REC5 0	REC6 155	REC7 10	REC8 30	REC9 50	REC10 0	REC11 0	REC12 55	REC13 0	REC14 260	REC15 285	REC16 180	REC17 165
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

S14NB15A.DAT

I-270 /US15 CORRIDOR STUDY 60.0175.0.0000.000170.30480000 11 1

R1	I270	NB	OFF	RAMP	240783.	552536.	5.0		
R2	I270	NB	OFF	RAMP	240753.	552813.	5.0		
R3	I270	NB	OFF	RAMP	240729.	553008.	5.0		
R4	I270	NB	OFF	RAMP	240703.	553315.	5.0		
R5	118	EB	OFFICE	PAR	240689.	553665.	5.0		
R8	NB	ON	RMP		239700.	553907.	5.0		
R9	SB	OFF	RMP		239327.	553411.	5.0		
R10	SB	OFF	RMP		239309.	553110.	5.0		
R11	SB	OFF	RMP		239214.	552685.	5.0		
R12	SB	OFF	RMP	TO 11	238972.	552349.	5.0		
R13	118	EB			238908.	552085.	5.0		
R14	118	EB/270	SB	ON	239233.	552251.	5.0		
R15	SB	ON	RMP		239493.	552267.	5.0		
R16	118	NB			240692.	553517.	5.0		
R17	118	NB			240743.	553791.	5.0		
R17	NB	ON	RMP		240292.	553828.	5.0		
R17	NB	ON	RMP		240050.	553809.	5.0		
NB15	AM	I270/118						77	1 1

1		NB	I270AP	AG240463.552438.240018.553073.	3225.	4.7	0.56.0	67
2		NB	OFF	CirAG240018.553073.239905.553307.	475.	3.0	0.32.	30
3		NB	OFF	CirAG239905.553307.239873.553442.	475.	3.0	0.32.	30
4		NB	OFF	CirAG239873.553442.239886.553533.	475.	3.0	0.32.	30
5		NB	OFF	CirAG239886.553533.239936.553617.	475.	3.0	0.32.	30
6		NB	OFF	CirAG239936.553617.240022.553677.	475.	3.0	0.32.	30
7		NB	OFF	CirAG240022.553677.240115.553699.	475.	3.0	0.32.	30
8		NB	OFF	CirAG240115.553699.240208.553680.	475.	3.0	0.32.	30
9		NB	OFF	CirAG240208.553680.240300.553624.	475.	3.0	0.32.	30
10		NB	OFF	CirAG240300.553624.240350.553535.	475.	3.0	0.32.	30
11		NB	OFF	CirAG240350.553535.240375.553374.	475.	3.0	0.32.	30
12		NB	OFF	CirAG240375.553374.240341.553213.	475.	3.0	0.32.	30
13		NB	270	dp AG240018.553073.239513.553797.	2625.	4.7	0.56.	67
14		NB	270	dp AG239513.553797.239408.554016.	2625.	4.7	0.56.	67
15		NB	270	dp AG239408.554016.239367.554097.	2625.	4.7	0.56.	67
16		NB	OFF	RMPAG240719.552649.240624.553323.	775.	3.0	0.32.	30.0
17		NB	OFF	RMPAG240624.553323.240623.553484.	775.	3.0	0.32.	30.0
18		NB	OFF	RMPAG240623.553484.240654.553656.	775.	3.0	0.32.	30.0
19		NB	OFF	RMPAG240654.553656.240717.553796.	775.	3.0	0.32.	30.0
20		NB	OFF	RMPAG240717.553796.240749.553904.	775.	3.0	0.32.	30.0
28		NB	ON	RMP AG240440.553666.240280.553729.	700.	3.0	0.32.	30
29		NB	ON	RMP AG240280.553729.240165.553737.	700.	3.0	0.32.	30
30		NB	ON	RMP AG240165.553737.239924.553734.	700.	3.0	0.32.	30
31		NB	ON	RMP AG239924.553734.239783.553767.	700.	3.0	0.32.	30
32		NB	ON	RMP AG239783.553767.239622.553853.	700.	3.0	0.32.	30
33		NB	ON	RMP AG239622.553853.239472.553976.	700.	3.0	0.32.	30
34		NB	ON	RMP AG239472.553976.239385.554115.	700.	3.0	0.32.	30
67		NB	ON	RMP AG240560.553593.240437.553665.	700.	3.0	0.32.0	30.0
21		SB	I270	apAG239300.554039.239425.553809.	6150.	4.4	0.56.	60
22		SB	I270	apAG239425.553809.239924.553085.	6150.	4.4	0.56.	60
23		SB	I270	dpAG239924.553085.240256.552627.	6850.	3.8	0.56.0	50
24		SB	I270	dpAG240256.552627.240414.552404.	6850.	3.8	0.56.0	50
26		WBR	NB	RP AG240615.553775.240558.553710.	600.	3.0	0.32.	30.0
27		WBR	NB	RP AG240558.553710.240440.553666.	600.	3.0	0.32.	30
38		270	ON	CirAG239884.552679.239711.552612.	600.	3.0	0.32.	30
39		270	ON	CirAG239711.552612.239568.552611.	600.	3.0	0.32.	30
40		270	ON	CirAG239568.552611.239478.552655.	600.	3.0	0.32.	30
41		270	ON	CirAG239478.552655.239404.552745.	600.	3.0	0.32.	30
42		270	ON	CirAG239404.552745.239374.552830.	600.	3.0	0.32.	30
43		270	ON	CirAG239374.552830.239373.552933.	600.	3.0	0.32.	30
44		270	ON	CirAG239373.552933.239391.553042.	600.	3.0	0.32.	30
45		270	ON	CirAG239391.553042.239435.553125.	600.	3.0	0.32.	30
46		270	ON	CirAG239435.553125.239519.553196.	600.	3.0	0.32.	30

								S14NB15A.DAT	
47	1	270 ON CirAG239519.553196.239611.553225.	600.	3.0	0.	32.	30		
48	1	270 ON CirAG239611.553225.239715.553216.	600.	3.0	0.	32.	30		
49	1	270 ON CirAG239715.553216.239822.553155.	600.	3.0	0.	32.	30		
50	1	270 ON CirAG239822.553155.239924.553085.	600.	3.0	0.	32.	30		
54	1	270 SB OFFAG239275.554022.239370.553840.	1250.	3.0	0.	32.	30		
55	1	270 SB OFFAG239370.553840.239412.553692.	1250.	3.0	0.	32.	30		
56	1	270 SB OFFAG239412.553692.239432.553555.	1250.	3.0	0.	32.	30		
57	1	270 SB OFFAG239432.553555.239424.553391.	1250.	3.0	0.	32.	30		
58	1	270 SB OFFAG239424.553391.239361.553065.	1250.	3.0	0.	32.	30		
59	1	270 SB OFFAG239361.553065.239329.552837.	1250.	3.0	0.	32.	30		
60	1	270SBR OFFAG239329.552837.239251.552589.	725.	3.0	0.	32.	30		
61	1	270SBL OFFAG239329.552837.239363.552674.	525.	3.0	0.	32.	30		
68	2	270SBL OFFAG239449.552451.239363.552672.	525.	3.0	0.32.0	30.0			
68	60	270SBL OFFAG239437.552482.239372.552648. 34 2.0 525 33.4 1717 1 3	0.	12.	1				
62	1	EB 118 AG239473.552421.239822.552562.	1925.	3.6	0.	56.	45.0		
63	1	EB 118 AG239822.552562.240096.552772.	1925.	3.6	0.	56.	45.0		
64	1	EB 118 AG240096.552772.240291.552992.	1925.	3.6	0.	56.	45.0		
74	1	118 E NB AG240290.552993.240416.553217.	1100.	3.6	0.50.0	45.0			
75	1	118 E NBTHAG240416.553217.240590.553604.	825.	3.6	0.40.0	45.0			
72	1	118 E NBLTAG240408.553247.240567.553594.	275.	3.6	0.32.0	45.0			
72	2	118 E NBLTAG240554.553565.240432.553300. 40 4 2.0 275 33.4 248 2 3	0.	10.	1				
65	1	118 E NB DAG240590.553602.240684.553805.	1600.	3.6	0.	56.	45.0		
66	1	118 E NB DAG240684.553805.240752.553909.	1600.	3.6	0.	56.	45.0		
70	1	270SB WB AG239450.552453.239776.552591.	1575.	3.6	0.40.0	45.0			
70	2	270SB WB AG239471.552462.239743.552577. 60 22 2.0 1575 33.4 1770 1 3	0.	20.	2				
51	1	WB 118 AG240534.553609.240460.553444.	2300.	3.6	0.	56.	45.0		
52	1	WB 118 AG240460.553444.240341.553213.	2300.	3.6	0.	56.	0		
25	1	118WALLNR0AG240713.553950.240630.553805.	2075.	3.6	0.	56.	45.0		
77	1	118 WTNRMPAG240631.553803.240533.553608.	1650.	3.6	0.40.0	45.0			
77	2	118 WTNRMPAG240546.553634.240621.553783. 40 10 4.0 1650 33.4 1770 2 3	0.	20.	2				
53	1	WB 118 AG239884.552679.239775.552591.	2175.	3.6	0.	56.	45.0		
35	1	WB 118 AG240341.553213.240251.553037.	2175.	3.6	0.	56.	45.0		
36	1	WB 118 AG240251.553037.240062.552811.	2175.	3.6	0.	56.	45.0		
37	1	WB 118 AG240062.552811.239884.552679.	2175.	3.6	0.	56.	45.0		
1.0	0.4	1000. 0.0Y 5 0 72							

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 01/11/2007 TIME: 15:41:01.86

RUN: NB15 AM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270AP	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	3225.	4.7	.0	56.0	
2. 2	NB OFF Cir*	240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	475.	3.0	.0	32.0	
3. 3	NB OFF Cir*	239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	475.	3.0	.0	32.0	
4. 4	NB OFF Cir*	239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	475.	3.0	.0	32.0	
5. 5	NB OFF Cir*	239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	475.	3.0	.0	32.0	
6. 6	NB OFF Cir*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	475.	3.0	.0	32.0	
7. 7	NB OFF Cir*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	475.	3.0	.0	32.0	
8. 8	NB OFF Cir*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	475.	3.0	.0	32.0	
9. 9	NB OFF Cir*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	475.	3.0	.0	32.0	
10. 10	NB OFF Cir*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	475.	3.0	.0	32.0	
11. 11	NB OFF Cir*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	475.	3.0	.0	32.0	
12. 12	NB OFF Cir*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	475.	3.0	.0	32.0	
13. 13	NB 270 dp	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	2625.	4.7	.0	56.0	
14. 14	NB 270 dp	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	2625.	4.7	.0	56.0	
15. 15	NB 270 dp	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	2625.	4.7	.0	56.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	775.	3.0	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	775.	3.0	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	775.	3.0	.0	32.0	
19. 19	NB OFF RMP*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	775.	3.0	.0	32.0	
20. 20	NB OFF RMP*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	775.	3.0	.0	32.0	
21. 28	NB ON RMP	* 240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	700.	3.0	.0	32.0	
22. 29	NB ON RMP	* 240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	700.	3.0	.0	32.0	
23. 30	NB ON RMP	* 240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	700.	3.0	.0	32.0	
24. 31	NB ON RMP	* 239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	700.	3.0	.0	32.0	
25. 32	NB ON RMP	* 239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	700.	3.0	.0	32.0	
26. 33	NB ON RMP	* 239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	700.	3.0	.0	32.0	
27. 34	NB ON RMP	* 239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	700.	3.0	.0	32.0	
28. 67	NB ON RMP	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	700.	3.0	.0	32.0	
29. 21	SB I270 ap	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	6150.	4.4	.0	56.0	
30. 22	SB I270 ap	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	6150.	4.4	.0	56.0	
31. 23	SB I270 dp	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	6850.	3.8	.0	56.0	
32. 24	SB I270 dp	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	6850.	3.8	.0	56.0	
33. 26	WBR NB RP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	600.	3.0	.0	32.0	
34. 27	WBR NB RP	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	600.	3.0	.0	32.0	
35. 38	270 ON Cir*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	600.	3.0	.0	32.0	
36. 39	270 ON Cir*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	600.	3.0	.0	32.0	
37. 40	270 ON Cir*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	600.	3.0	.0	32.0	
38. 41	270 ON Cir*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	600.	3.0	.0	32.0	
39. 42	270 ON Cir*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	600.	3.0	.0	32.0	
40. 43	270 ON Cir*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	600.	3.0	.0	32.0	
41. 44	270 ON Cir*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	600.	3.0	.0	32.0	
42. 45	270 ON Cir*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	600.	3.0	.0	32.0	
43. 46	270 ON Cir*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	600.	3.0	.0	32.0	
44. 47	270 ON Cir*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	600.	3.0	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 01/11/2007 TIME: 15:41:01.86

RUN: NB15 AM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	270 ON Cir*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	600.	3.0	.0	32.0	
46. 49	270 ON Cir*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	600.	3.0	.0	32.0	
47. 50	270 ON Cir*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	600.	3.0	.0	32.0	
48. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	1250.	3.0	.0	32.0	
49. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	1250.	3.0	.0	32.0	
50. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	1250.	3.0	.0	32.0	
51. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	1250.	3.0	.0	32.0	
52. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	1250.	3.0	.0	32.0	
53. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	1250.	3.0	.0	32.0	
54. 60	270SBR OFF*	239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	725.	3.0	.0	32.0	
55. 61	270SBL OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	525.	3.0	.0	32.0	
56. 68	270SBL OFF*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	525.	3.0	.0	32.0	
57. 68	270SBL OFF*	239437.0	552482.0	239394.6	552590.4	*	116.	339. AG	51. 100.0	.0	12.0	.83	5.9
58. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	1925.	3.6	.0	56.0	
59. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	1925.	3.6	.0	56.0	
60. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	1925.	3.6	.0	56.0	
61. 74	118 E NB	* 240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	1100.	3.6	.0	50.0	
62. 75	118 E NBTH*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	825.	3.6	.0	40.0	
63. 72	118 E NBTL*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	275.	3.6	.0	32.0	
64. 72	118 E NBTL*	240554.0	553565.0	240200.5	552797.3	*	845.	205. AG	9. 100.0	.0	10.0	1.39	42.9
65. 65	118 E NB D*	240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1600.	3.6	.0	56.0	
66. 66	118 E NB D*	240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1600.	3.6	.0	56.0	
67. 70	270SB WB	* 239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1575.	3.6	.0	40.0	
68. 70	270SB WB	* 239471.0	552462.0	239561.0	552500.1	*	98.	67. AG	66. 100.0	.0	20.0	.78	5.0
69. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	2300.	3.6	.0	56.0	
70. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	2300.	3.6	.0	56.0	
71. 25	118WALLNRO*	240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	2075.	3.6	.0	56.0	
72. 77	118 WTRNRP*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1650.	3.6	.0	40.0	
73. 77	118 WTRNRP*	240546.0	553634.0	240567.0	553675.8	*	47.	27. AG	45. 100.0	.0	20.0	.78	2.4
74. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	2175.	3.6	.0	56.0	
75. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2175.	3.6	.0	56.0	
76. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2175.	3.6	.0	56.0	
77. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2175.	3.6	.0	56.0	

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 AM I270/118
Page 1

DATE: 01/11/2007 TIME: 15:41:01.86

S14NB15A.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
57. 68 270SBL OFF*	60	34	2.0	525	1717	33.40	1	3
64. 72 118 E NBLT*	40	4	2.0	275	248	33.40	2	3
68. 70 270SB WB *	60	22	2.0	1575	1770	33.40	1	3
73. 77 118 WTNRMP*	40	10	4.0	1650	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP *	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP *	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP *	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP *	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR *	240689.0	553665.0	5.0	*
6. R8 NB ON RMP *	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP *	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP *	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP *	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11 *	238972.0	552349.0	5.0	*
11. R13 118 EB *	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON *	239233.0	552251.0	5.0	*
13. R15 SB ON RMP *	239493.0	552267.0	5.0	*
14. R16 118 NB *	240692.0	553517.0	5.0	*
15. R17 118 NB *	240743.0	553791.0	5.0	*
16. R17 NB ON RMP *	240292.0	553828.0	5.0	*
17. R17 NB ON RMP *	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 AM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.3	.0	.1	.1	.0	.0	.0	.0	.2	.0	.2	.0	.0
5.	.0	.0	.0	.0	.4	.0	.2	.2	.0	.0	.0	.0	.2	.0	.2	.0	.0
10.	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0	.0	.1	.2	.0	.1	.0	.0
15.	.0	.0	.0	.0	.1	.0	.3	.1	.1	.0	.0	.1	.3	.0	.1	.0	.0
20.	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.3	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.1	.2	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.1	.1	.2	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0	.2	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.1	.2	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.1	.1	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.2	.1	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.1	.0	.2	.1	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.2	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
170.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
175.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
180.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
185.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
190.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3
195.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
200.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
205.	.0	.0	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 AM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.0	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
215.	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
220.	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2

THE HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 155 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 235 DEGREES FROM REC15.

RUN: NB15 AM I270/118

PAGE 6

[illegible]

RUN: NB15 AM I270/118

PAGE 7

[illegible]

[illegible]

S14NB15P.DAT

I-270 /US15 CORRIDOR STUDY 60.0175.0.0000.000170.30480000 11 1

R1	I270	NB	OFF	RAMP	240783.	552536.	5.0		
R2	I270	NB	OFF	RAMP	240753.	552813.	5.0		
R3	I270	NB	OFF	RAMP	240729.	553008.	5.0		
R4	I270	NB	OFF	RAMP	240703.	553315.	5.0		
R5	118	EB	OFFICE	PAR	240689.	553665.	5.0		
R8	NB	ON	RMP		239700.	553907.	5.0		
R9	SB	OFF	RMP		239327.	553411.	5.0		
R10	SB	OFF	RMP		239309.	553110.	5.0		
R11	SB	OFF	RMP		239214.	552685.	5.0		
R12	SB	OFF	RMP	TO 11	238972.	552349.	5.0		
R13	118	EB			238908.	552085.	5.0		
R14	118	EB/270	SB	ON	239233.	552251.	5.0		
R15	SB	ON	RMP		239493.	552267.	5.0		
R16	118	NB			240692.	553517.	5.0		
R17	118	NB			240743.	553791.	5.0		
R17	NB	ON	RMP		240292.	553828.	5.0		
R17	NB	ON	RMP		240050.	553809.	5.0		
NB15	PM	I270/118						77	1 1

1		NB	I270AP	AG240463.552438.240018.553073.	6475.	3.1	0.56.0	34	
2		NB	OFF	CirAG240018.553073.239905.553307.	475.	3.0	0.32.	30	
3		NB	OFF	CirAG239905.553307.239873.553442.	475.	3.0	0.32.	30	
4		NB	OFF	CirAG239873.553442.239886.553533.	475.	3.0	0.32.	30	
5		NB	OFF	CirAG239886.553533.239936.553617.	475.	3.0	0.32.	30	
6		NB	OFF	CirAG239936.553617.240022.553677.	475.	3.0	0.32.	30	
7		NB	OFF	CirAG240022.553677.240115.553699.	475.	3.0	0.32.	30	
8		NB	OFF	CirAG240115.553699.240208.553680.	475.	3.0	0.32.	30	
9		NB	OFF	CirAG240208.553680.240300.553624.	475.	3.0	0.32.	30	
10		NB	OFF	CirAG240300.553624.240350.553535.	475.	3.0	0.32.	30	
11		NB	OFF	CirAG240350.553535.240375.553374.	475.	3.0	0.32.	30	
12		NB	OFF	CirAG240375.553374.240341.553213.	475.	3.0	0.32.	30	
13		NB	270	dp AG240018.553073.239513.553797.	5800.	3.4	0.56.	20	
14		NB	270	dp AG239513.553797.239408.554016.	5800.	3.4	0.56.	20	
15		NB	270	dp AG239408.554016.239367.554097.	5800.	3.4	0.56.	20	
16		NB	OFF	RMPAG240719.552649.240624.553323.	600.	3.0	0.32.	30.0	
17		NB	OFF	RMPAG240624.553323.240623.553484.	600.	3.0	0.32.	30.0	
18		NB	OFF	RMPAG240623.553484.240654.553656.	600.	3.0	0.32.	30.0	
19		NB	OFF	RMPAG240654.553656.240717.553796.	600.	3.0	0.32.	30.0	
20		NB	OFF	RMPAG240717.553796.240749.553904.	600.	3.0	0.32.	30.0	
28		NB	ON	RMP AG240440.553666.240280.553729.	750.	3.0	0.32.	30	
29		NB	ON	RMP AG240280.553729.240165.553737.	750.	3.0	0.32.	30	
30		NB	ON	RMP AG240165.553737.239924.553734.	750.	3.0	0.32.	30	
31		NB	ON	RMP AG239924.553734.239783.553767.	750.	3.0	0.32.	30	
32		NB	ON	RMP AG239783.553767.239622.553853.	750.	3.0	0.32.	30	
33		NB	ON	RMP AG239622.553853.239472.553976.	750.	3.0	0.32.	30	
34		NB	ON	RMP AG239472.553976.239385.554115.	750.	3.0	0.32.	30	
67		NB	ON	RMP AG240560.553593.240437.553665.	750.	3.0	0.32.0	30.0	
21		SB	I270	apAG239300.554039.239425.553809.	3400.	4.7	0.56.	65	
22		SB	I270	apAG239425.553809.239924.553085.	3400.	4.7	0.56.	65	
23		SB	I270	dpAG239924.553085.240256.552627.	3500.	4.7	0.56.	65	
24		SB	I270	dpAG240256.552627.240414.552404.	3500.	4.7	0.56.	65	
26		WBR	NB	RP AG240615.553775.240558.553710.	575.	3.0	0.32.	30.0	
27		WBR	NB	RP AG240558.553710.240440.553666.	575.	3.0	0.32.	30	
38		270	ON	CirAG239884.552679.239711.552612.	575.	3.0	0.32.	30	
39		270	ON	CirAG239711.552612.239568.552611.	575.	3.0	0.32.	30	
40		270	ON	CirAG239568.552611.239478.552655.	575.	3.0	0.32.	30	
41		270	ON	CirAG239478.552655.239404.552745.	575.	3.0	0.32.	30	
42		270	ON	CirAG239404.552745.239374.552830.	575.	3.0	0.32.	30	
43		270	ON	CirAG239374.552830.239373.552933.	575.	3.0	0.32.	30	
44		270	ON	CirAG239373.552933.239391.553042.	575.	3.0	0.32.	30	
45		270	ON	CirAG239391.553042.239435.553125.	575.	3.0	0.32.	30	
46		270	ON	CirAG239435.553125.239519.553196.	575.	3.0	0.32.	30	

							S14NB15P.DAT		
47	1	270 ON CirAG239519.	553196.	239611.	553225.	575.	3.0	0. 32.	30
48	1	270 ON CirAG239611.	553225.	239715.	553216.	575.	3.0	0. 32.	30
49	1	270 ON CirAG239715.	553216.	239822.	553155.	575.	3.0	0. 32.	30
50	1	270 ON CirAG239822.	553155.	239924.	553085.	575.	3.0	0. 32.	30
54	1	270 SB OFFAG239275.	554022.	239370.	553840.	1050.	3.0	0. 32.	30
55	1	270 SB OFFAG239370.	553840.	239412.	553692.	1050.	3.0	0. 32.	30
56	1	270 SB OFFAG239412.	553692.	239432.	553555.	1050.	3.0	0. 32.	30
57	1	270 SB OFFAG239432.	553555.	239424.	553391.	1050.	3.0	0. 32.	30
58	1	270 SB OFFAG239424.	553391.	239361.	553065.	1050.	3.0	0. 32.	30
59	1	270 SB OFFAG239361.	553065.	239329.	552837.	1050.	3.0	0. 32.	30
60	1	270SBR OFFAG239329.	552837.	239251.	552589.	350.	3.0	0. 32.	30
61	1	270SBL OFFAG239329.	552837.	239363.	552674.	700.	3.0	0. 32.	30
68	2	270SBL OFFAG239449.	552451.	239363.	552672.	700.	3.0	0.32.0	30.0
68	60	270SBL OFFAG239437.	552482.	239372.	552648.	0. 12.	1		
		34	2.0	700	33.4	1717	1	3	
62	1	EB 118 AG239473.	552421.	239822.	552562.	1725.	3.6	0. 56.	45.0
63	1	EB 118 AG239822.	552562.	240096.	552772.	1725.	3.6	0. 56.	45.0
64	1	EB 118 AG240096.	552772.	240291.	552992.	1725.	3.6	0. 56.	45.0
74	1	118 E NB AG240290.	552993.	240416.	553217.	1150.	3.6	0.50.0	45.0
75	1	118 E NBTHAG240416.	553217.	240590.	553604.	1150.	3.6	0.40.0	45.0
72	1	118 E NBLTAG240408.	553247.	240567.	553594.	1.	3.6	0.32.0	45.0
72	2	118 E NBLTAG240554.	553565.	240432.	553300.	0. 10.	1		
	40	4	2.0	1	33.4	248	2	3	
65	1	118 E NB DAG240590.	553602.	240684.	553805.	1850.	3.6	0. 56.	45.0
66	1	118 E NB DAG240684.	553805.	240752.	553909.	1850.	3.6	0. 56.	45.0
70	1	270SB WB AG239450.	552453.	239776.	552591.	1700.	3.6	0.40.0	45.0
70	2	270SB WB AG239471.	552462.	239743.	552577.	0. 20.	2		
	60	22	2.0	1700	33.4	1770	1	3	
51	1	WB 118 AG240534.	553609.	240460.	553444.	2050.	3.6	0. 56.	45.0
52	1	WB 118 AG240460.	553444.	240341.	553213.	2050.	3.6	0. 56.	0
25	1	118WALLNR0AG240713.	553950.	240630.	553805.	1850.	3.6	0. 56.	45.0
77	1	118 WTNRMPAG240631.	553803.	240533.	553608.	1450.	3.6	0.40.0	45.0
77	2	118 WTNRMPAG240546.	553634.	240621.	553783.	0. 20.	2		
	40	10	4.0	1450	33.4	1770	2	3	
53	1	WB 118 AG239884.	552679.	239775.	552591.	2275.	3.6	0. 56.	45.0
35	1	WB 118 AG240341.	553213.	240251.	553037.	2275.	3.6	0. 56.	45.0
36	1	WB 118 AG240251.	553037.	240062.	552811.	2275.	3.6	0. 56.	45.0
37	1	WB 118 AG240062.	552811.	239884.	552679.	2275.	3.6	0. 56.	45.0
1.0	0.4	1000.	0.0Y	5	0	72			

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 01/11/2007 TIME: 15:41:26.69

RUN: NB15 PM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270AP	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	6475.	3.1	.0	56.0	
2. 2	NB OFF Cir*	240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	475.	3.0	.0	32.0	
3. 3	NB OFF Cir*	239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	475.	3.0	.0	32.0	
4. 4	NB OFF Cir*	239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	475.	3.0	.0	32.0	
5. 5	NB OFF Cir*	239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	475.	3.0	.0	32.0	
6. 6	NB OFF Cir*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	475.	3.0	.0	32.0	
7. 7	NB OFF Cir*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	475.	3.0	.0	32.0	
8. 8	NB OFF Cir*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	475.	3.0	.0	32.0	
9. 9	NB OFF Cir*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	475.	3.0	.0	32.0	
10. 10	NB OFF Cir*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	475.	3.0	.0	32.0	
11. 11	NB OFF Cir*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	475.	3.0	.0	32.0	
12. 12	NB OFF Cir*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	475.	3.0	.0	32.0	
13. 13	NB 270 dp	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	5800.	3.4	.0	56.0	
14. 14	NB 270 dp	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	5800.	3.4	.0	56.0	
15. 15	NB 270 dp	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	5800.	3.4	.0	56.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	600.	3.0	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	600.	3.0	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	600.	3.0	.0	32.0	
19. 19	NB OFF RMP*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	600.	3.0	.0	32.0	
20. 20	NB OFF RMP*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	600.	3.0	.0	32.0	
21. 21	NB ON RMP	* 240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	750.	3.0	.0	32.0	
22. 22	NB ON RMP	* 240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	750.	3.0	.0	32.0	
23. 30	NB ON RMP	* 240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	750.	3.0	.0	32.0	
24. 31	NB ON RMP	* 239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	750.	3.0	.0	32.0	
25. 32	NB ON RMP	* 239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	750.	3.0	.0	32.0	
26. 33	NB ON RMP	* 239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	750.	3.0	.0	32.0	
27. 34	NB ON RMP	* 239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	750.	3.0	.0	32.0	
28. 67	NB ON RMP	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	750.	3.0	.0	32.0	
29. 21	SB I270 ap	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	3400.	4.7	.0	56.0	
30. 22	SB I270 ap	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	3400.	4.7	.0	56.0	
31. 23	SB I270 dp	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	3500.	4.7	.0	56.0	
32. 24	SB I270 dp	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	3500.	4.7	.0	56.0	
33. 26	WBR NB RP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	575.	3.0	.0	32.0	
34. 27	WBR NB RP	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	575.	3.0	.0	32.0	
35. 38	270 ON Cir*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	575.	3.0	.0	32.0	
36. 39	270 ON Cir*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	575.	3.0	.0	32.0	
37. 40	270 ON Cir*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	575.	3.0	.0	32.0	
38. 41	270 ON Cir*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	575.	3.0	.0	32.0	
39. 42	270 ON Cir*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	575.	3.0	.0	32.0	
40. 43	270 ON Cir*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	575.	3.0	.0	32.0	
41. 44	270 ON Cir*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	575.	3.0	.0	32.0	
42. 45	270 ON Cir*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	575.	3.0	.0	32.0	
43. 46	270 ON Cir*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	575.	3.0	.0	32.0	
44. 47	270 ON Cir*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	575.	3.0	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 01/11/2007 TIME: 15:41:26.69

RUN: NB15 PM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	270 ON Cir*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	575.	3.0	.0	32.0	
46. 49	270 ON Cir*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	575.	3.0	.0	32.0	
47. 50	270 ON Cir*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	575.	3.0	.0	32.0	
48. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	1050.	3.0	.0	32.0	
49. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	1050.	3.0	.0	32.0	
50. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	1050.	3.0	.0	32.0	
51. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	1050.	3.0	.0	32.0	
52. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	1050.	3.0	.0	32.0	
53. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	1050.	3.0	.0	32.0	
54. 60	270SBR OFF*	239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	350.	3.0	.0	32.0	
55. 61	270SBL OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	700.	3.0	.0	32.0	
56. 68	270SBL OFF*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	700.	3.0	.0	32.0	
57. 68	270SBL OFF*	239437.0	552482.0	239085.0	553381.0	*	965.	339. AG	51. 100.0	.0	12.0	1.11 49.0	
58. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	1725.	3.6	.0	56.0	
59. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	1725.	3.6	.0	56.0	
60. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	1725.	3.6	.0	56.0	
61. 74	118 E NB	* 240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	1150.	3.6	.0	50.0	
62. 75	118 E NBTH*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	1150.	3.6	.0	40.0	
63. 72	118 E NBLT*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	1. 3.6	.0	32.0		
64. 72	118 E NBLT*	240554.0	553565.0	240554.0	553565.0	*	0.	90. AG	9. 100.0	.0	10.0	.01 .0	
65. 65	118 E NB D*	240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1850.	3.6	.0	56.0	
66. 66	118 E NB D*	240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1850.	3.6	.0	56.0	
67. 70	270SB WB	* 239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1700.	3.6	.0	40.0	
68. 70	270SB WB	* 239471.0	552462.0	239582.1	552509.0	*	121.	67. AG	66. 100.0	.0	20.0	.85 6.1	
69. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	2050.	3.6	.0	56.0	
70. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	2050.	3.6	.0	56.0	
71. 25	118WALLNRO*	240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	1850.	3.6	.0	56.0	
72. 77	118 WTRNRP*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1450.	3.6	.0	40.0	
73. 77	118 WTRNRP*	240546.0	553634.0	240563.8	553669.4	*	40.	27. AG	45. 100.0	.0	20.0	.68 2.0	
74. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	2275.	3.6	.0	56.0	
75. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2275.	3.6	.0	56.0	
76. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2275.	3.6	.0	56.0	
77. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2275.	3.6	.0	56.0	

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 PM I270/118

DATE: 01/11/2007 TIME: 15:41:26.69

S14NB15P.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
57. 68 270SBL OFF*	60	34	2.0	700	1717	33.40	1	3
64. 72 118 E NBLT*	40	4	2.0	1	248	33.40	2	3
68. 70 270SB WB *	60	22	2.0	1700	1770	33.40	1	3
73. 77 118 WTNRMP*	40	10	4.0	1450	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	5.0	*
6. R8 NB ON RMP	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	5.0	*
11. R13 118 EB	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	5.0	*
13. R15 SB ON RMP	239493.0	552267.0	5.0	*
14. R16 118 NB	240692.0	553517.0	5.0	*
15. R17 118 NB	240743.0	553791.0	5.0	*
16. R17 NB ON RMP	240292.0	553828.0	5.0	*
17. R17 NB ON RMP	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 PM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5.	.0	.0	.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0
15.	.0	.0	.0	.0	.1	.0	.3	.1	.0	.0	.0	.0	.4	.0	.1	.0	.0
20.	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.3	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.2	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.3	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.2	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.2	.1	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
165.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
170.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
175.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
180.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3
185.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
190.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
195.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
200.	.0	.0	.0	.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.2
205.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB15 PM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.0	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
215.	.0	.0	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
220.	.0	.1	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2

THE HIGHEST CONCENTRATION IS .50 PPM AT 240 DEGREES FROM REC15.
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 160 DEGREES FROM REC6 .

PAGE 6

LINK #	*	*	CO/LINK ANGLE (DEGREES)														*	*
			REC1 280	REC2 225	REC3 220	REC4 270	REC5 0	REC6 160	REC7 120	REC8 30	REC9 25	REC10 0	REC11 0	REC12 60	REC13 10	REC14 245		
1	*	*	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1
2	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	*	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1
14	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
20	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	*	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0
31	*	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
32	*	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
34	*	*	.0	.0	.0	.0												

PAGE 7

[illegible]

[illegible]

S14B115A.DAT

S14	B115AM	270&MD 118	SB OFFRAMP	60.0175.0.0000.000170.30480000	11	1
R1	I270	NB OFF RAMP	240783.	552536.	6.0	
R2	I270	NB OFF RAMP	240753.	552813.	6.0	
R3	I270	NB OFF RAMP	240729.	553008.	6.0	
R4	I270	NB OFF RAMP	240703.	553315.	6.0	
R5	118	EB OFFICE PAR	240689.	553665.	6.0	
R8	NB ON RMP		239700.	553907.	6.0	
R9	SB OFF RMP		239327.	553411.	6.0	
R10	SB OFF RMP		239309.	553110.	6.0	
R11	SB OFF RMP		239214.	552685.	6.0	
R12	SB OFF RMP TO 11		238972.	552349.	6.0	
R13	118	EB	238908.	552085.	6.0	
R14	118	EB/270 SB ON	239233.	552251.	6.0	
R15	SB ON RMP		239493.	552267.	6.0	
R16	118	NB	240692.	553517.	6.0	
R17	118	NB	240743.	553791.	6.0	
R17	NB ON RMP		240292.	553828.	6.0	
R17	NB ON RMP		240050.	553809.	6.0	
S14	B115AM			90	1	1

2	1	MD118	WB	OAG239936.553617.240022.553677.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240022.553677.240115.553699.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240115.553699.240208.553680.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240208.553680.240300.553624.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240300.553624.240350.553535.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240350.553535.240375.553374.	125	3.0	0.	32.	30
2	1	MD118	WB	OAG240375.553374.240341.553213.	125	3.0	0.	32.	30
1		WB 118		AG240341.553213.240251.553037.	2175	3.6	0.	56.	45
39	1	WB 118		AG240251.553037.240062.552811.	2175	3.6	0.	56.	45
40	1	WB 118		AG240062.552811.239884.552679.	2175	3.6	0.	56.	45
42	1	SB 270	ONRAG239884.552679.239711.552612.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239711.552612.239568.552611.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239568.552611.239478.552655.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239478.552655.239404.552745.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239404.552745.239374.552830.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239374.552830.239373.552933.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239373.552933.239391.553042.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239391.553042.239435.553125.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239435.553125.239519.553196.	300	3.0	0.	32.	0	
42	1	SB 270	ONRAG239519.553196.239611.553225.	300	3.0	0.	32.	0	
70	1	EB 118		AG240096.552772.240291.552992.	200	3.6	0.	56.	45.0
73	1	NB ON RMP		AG240560.553593.240437.553665.	350	3.0	0.32.0	30.0	
73	1	118	WB ON	AG239936.553618.239909.553525.	350	3.0	0.32.0	30.0	
73	1	118	WB ON	AG239909.553525.239910.553458.	350	3.0	0.32.0	30.0	
73	1	118	WB ON	AG239910.553458.239939.553363.	350	3.0	0.32.0	30.0	
73	1	118	WB ON	AG239939.553363.240041.553209.	350	3.0	0.32.0	30.0	
73	1	270	NB OFFAG240041.553209.240285.552838.	425	3.0	0.32.0	30.0		
73	1	270	NB OFFAG240285.552837.240703.552233.	425	3.0	0.32.0	30.0		
73	1	W118	SB ONAG239611.553224.239764.553163.	425	3.0	0.32.0	30.0		
73	1	118	E NB OAG240385.553159.240291.552988.	425	3.0	0.32.0	30.0		
1		270	SB OFFAG239252.553920.239339.553723.	725	3.0	0.	32	30.0	
0	1	270	SB OFFAG239339.553723.239380.553553.	725	3.0	0.	32	30.0	
0	1	270	SB OFFAG239380.553553.239397.553339.	725	3.0	0.	32	30.0	
0	1	270	SB OFFAG239397.553339.239386.553199.	725	3.0	0.	32	30.0	
0	1	270	SB OFFAG239386.553199.239322.552844.	725	3.0	0.	32	30.0	
R	1	270	SB OFFAG239237.552595.239278.552709.	425	3.0	0.	32	30.0	
R	1	270	SB OFFAG239278.552709.239310.552847.	425	3.0	0.	32	30.0	
L	1	270	SB OFFAG239440.552453.239355.552664.	425	3.0	0.	44	30.0	
L	2	60	SB 270 OFFAG239413.552522.239363.552645.	0.	24.	2			
			34	7.0	425	33.4	1717	3 1	
L	1	270	SB OFFAG239355.552664.239323.552845.	725	3.0	0.	44	30.0	
1		270	SB OFFAG239033.552327.239167.552465.	725	3.0	0.	32	30.0	
0	1	270	SB OFFAG239167.552465.239238.552592.	725	3.0	0.	32	30.0	
WB	1	270	SB OFFAG239437.552461.239716.552573.	1600	3.0	0.	44	30.0	

Page 1

S14B115A.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2	
60		22		5.0 1600 33.4 1770 3 1		
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1600 3.0 0. 44 30.0	
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1600 3.0 0. 44 30.0	
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	350 3.0 0. 44 30.0	
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2	
60		22		5.0 350 33.4 1770 3 1		
1		EB 118		AG240093.552773.239833.552576.	1975 3.6 0. 56. 45	
1		EB 118		AG239833.552576.239684.552504.	1975 3.6 0. 56. 45	
0		EB 118		AG239684.552504.239449.552427.	1975 3.6 0. 56. 45	
1		SB 270	GP	AG240540.552105.239972.552908.	6100 4.7 0. 56 64	
1		SB 270	GP	AG239972.552908.239451.553631.	6100 4.7 0. 56 64	
0		SB 270	GP	AG239451.553631.239273.553926.	6100 4.7 0. 56 64	
1		SB 270	ETLAG240595.552117.240153.552752.	1000 4.5 0. 44 61		
0		SB 270	ETLAG240153.552752.239721.553353.	1000 4.5 0. 44 61		
1		SB 270	ETLAG239721.553353.239485.553687.	1000 4.5 0. 44 61		
0		SB 270	ETLAG239485.553687.239322.553959.	1000 4.5 0. 44 61		
1		NB 270	ETLAG239423.553993.239672.553579.	1325 4.5 0. 44 62		
0		NB 270	ETLAG239672.553579.239837.553328.	1325 4.5 0. 44 62		
1		NB 270	ETLAG239837.553328.240165.552874.	1325 4.5 0. 44 62		
0		NB 270	ETLAG240168.552874.240405.552525.	1325 4.5 0. 44 62		
1		NB 270	ETLAG240405.552525.240751.552071.	1325 4.5 0. 44 62		
0		NB 270	GP	AG239485.553999.239785.553497.	2475 4.7 0. 56 68	
1		NB 270	GP	AG239785.553497.240196.552920.	2475 4.7 0. 56 68	
0		NB 270	GP	AG240196.552920.240779.552121.	2475 4.7 0. 56 68	
1		270	NB	ON AG239431.554147.239493.554045.	350 3.0 0. 44 30	
0		270	NB	ON AG239493.554045.239603.553929.	350 3.0 0. 44 30	
1		270	NB	ON AG239603.553929.239740.553834.	350 3.0 0. 44 30	
0		270	NB	ON AG239740.553834.239891.553772.	350 3.0 0. 44 30	
1		270	NB	ON AG239891.553772.240069.553741.	350 3.0 0. 44 30	
0		270	NB	ON AG240069.553741.240224.553741.	350 3.0 0. 44 30	
1		270	NB	ON AG240224.553741.240371.553704.	350 3.0 0. 44 30	
0		270	NB	ON AG240371.553704.240440.553673.	350 3.6 0. 56. 45	
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1800 3.6 0. 56. 45	
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2	
40		6		5.0 1800 33.4 1770 3 1		
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	375 3.6 0. 56. 45	
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	375 3.6 0. 56. 45	
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	2175 3.6 0. 56. 45		
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2425 3.6 0. 56. 45	
1		NB	OFF	RAMAG240764.553897.240683.553768.	425 3.0 0. 32 30	
1		NB	OFF	RAMAG240683.553768.240630.553628.	425 3.0 0. 32 30	
0		NB	OFF	RAMAG240630.553628.240615.553532.	425 3.0 0. 32 30	
1		NB	OFF	RAMAG240615.553532.240612.553395.	425 3.0 0. 32 30	
0		NB	OFF	RAMAG240612.553395.240747.552458.	425 3.0 0. 32 30	
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	1625 3.6 0. 56. 45	
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	1625 3.6 0. 56. 45	
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	575 3.6 0. 56. 45	
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	200 3.6 0. 56. 45	
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1	
40		1		4.0 200 33.4 227 3 1		
1.0	54	1000.	0.0Y	5 0 72		

JOB: S14 B115AM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:30:50.60

RUN: S14 B115AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		*	X1	Y1	X2	Y2	*								
1. 2	MD118 WB O*	*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	125.	3.0	.0	32.0		
2. 2	MD118 WB O*	*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	125.	3.0	.0	32.0		
3. 2	MD118 WB O*	*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	125.	3.0	.0	32.0		
4. 2	MD118 WB O*	*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	125.	3.0	.0	32.0		
5. 2	MD118 WB O*	*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	125.	3.0	.0	32.0		
6. 2	MD118 WB O*	*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	125.	3.0	.0	32.0		
7. 2	MD118 WB O*	*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	125.	3.0	.0	32.0		
8.	WB 118	*	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2175.	3.6	.0	56.0		
9. 39	WB 118	*	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2175.	3.6	.0	56.0		
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2175.	3.6	.0	56.0		
11. 42	SB 270 ONR*	*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	300.	3.0	.0	32.0		
12. 42	SB 270 ONR*	*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	300.	3.0	.0	32.0		
13. 42	SB 270 ONR*	*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	300.	3.0	.0	32.0		
14. 42	SB 270 ONR*	*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	300.	3.0	.0	32.0		
15. 42	SB 270 ONR*	*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	300.	3.0	.0	32.0		
16. 42	SB 270 ONR*	*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	300.	3.0	.0	32.0		
17. 42	SB 270 ONR*	*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	300.	3.0	.0	32.0		
18. 42	SB 270 ONR*	*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	300.	3.0	.0	32.0		
19. 42	SB 270 ONR*	*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	300.	3.0	.0	32.0		
20. 42	SB 270 ONR*	*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	300.	3.0	.0	32.0		
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	200.	3.6	.0	56.0		
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	350.	3.0	.0	32.0		
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	350.	3.0	.0	32.0		
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	350.	3.0	.0	32.0		
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	350.	3.0	.0	32.0		
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	350.	3.0	.0	32.0		
27. 73	270 NB OFF*	*	240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	425.	3.0	.0	32.0		
28. 73	270 NB OFF*	*	240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	425.	3.0	.0	32.0		
29. 73	W118 SB ON*	*	239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	425.	3.0	.0	32.0		
30. 73	118 E NB O*	*	240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	425.	3.0	.0	32.0		
31.	270 SB OFF*	*	239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	725.	3.0	.0	32.0		
32. 0	270 SB OFF*	*	239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	725.	3.0	.0	32.0		
33. 0	270 SB OFF*	*	239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	725.	3.0	.0	32.0		
34. 0	270 SB OFF*	*	239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	725.	3.0	.0	32.0		
35. 0	270 SB OFF*	*	239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	725.	3.0	.0	32.0		
36. R	270 SB OFF*	*	239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	425.	3.0	.0	32.0		
37. R	270 SB OFF*	*	239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	425.	3.0	.0	32.0		
38. L	270 SB OFF*	*	239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	425.	3.0	.0	44.0		
39. L	SB 270 OFF*	*	239413.0	552522.0	239395.7	552564.6	*	46.	338. AG	102.	100.0	.0	24.0	.44	2.3
40. L	270 SB OFF*	*	239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	725.	3.0	.0	44.0		
41.	270 SB OFF*	*	239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	725.	3.0	.0	32.0		
42. 0	270 SB OFF*	*	239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	725.	3.0	.0	32.0		
43. WB	270 SB OFF*	*	239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1600.	3.0	.0	44.0		
44. WB	270 OFF RA*	*	239478.0	552477.0	239623.4	552535.4	*	157.	68. AG	66.	100.0	.0	24.0	.88	8.0

JOB: S14 B115AM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:30:50.60

RUN: S14 B115AM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
			*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	WB	270 SB OFF*	*	239716.0	552573.0	239881.0	552669.0	*	191.	60. AG	1600.	3.0	.0	44.0		
46.	WBDP	270 SB OFF*	*	239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1600.	3.0	.0	44.0		
47.	EBT	270 SB OFF*	*	239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	350.	3.0	.0	44.0		
48.	EBT	270 OFF RA*	*	239412.0	552412.0	239392.1	552405.0	*	21.	251. AG	66.	100.0	.0	24.0	.19	1.1
49.		EB 118	*	240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	1975.	3.6	.0	56.0		
50. 0		EB 118	*	239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	1975.	3.6	.0	56.0		
51. 0		EB 118	*	239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	1975.	3.6	.0	56.0		
52.		SB 270 GP	*	240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	6100.	4.7	.0	56.0		
53. 0		SB 270 GP	*	239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	6100.	4.7	.0	56.0		
54. 0		SB 270 GP	*	239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	6100.	4.7	.0	56.0		
55. 0		SB 270 ETL*	*	240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	1000.	4.5	.0	44.0		
56. 0		SB 270 ETL*	*	240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	1000.	4.5	.0	44.0		
57. 0		SB 270 ETL*	*	239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	1000.	4.5	.0	44.0		
58. 0		SB 270 ETL*	*	239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	1000.	4.5	.0	44.0		
59. 0		NB 270 ETL*	*	239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	1325.	4.5	.0	44.0		
60. 0		NB 270 ETL*	*	239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	1325.	4.5	.0	44.0		
61. 0		NB 270 ETL*	*	239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	1325.	4.5	.0	44.0		
62. 0		NB 270 ETL*	*	240165.0	552874.0	240405.0	552525.0	*	422.	146. AG	1325.	4.5	.0	44.0		
63. 0		NB 270 ETL*	*	240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	1325.	4.5	.0	44.0		
64. 0		NB 270 GP	*	239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	2475.	4.7	.0	56.0		
65. 0		NB 270 GP	*	239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	2475.	4.7	.0	56.0		
66. 0		NB 270 GP	*	240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	2475.	4.7	.0	56.0		
67. 0		270 NB ON	*	239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	350.	3.0	.0	44.0		
68. 0		270 NB ON	*	239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	350.	3.0	.0	44.0		
69. 0		270 NB ON	*	239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	350.	3.0	.0	44.0		
70. 0		270 NB ON	*	239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	350.	3.0	.0	44.0		
71. 0		270 NB ON	*	239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	350.	3.0	.0	44.0		
72. 0		270 NB ON	*	240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	350.	3.0	.0	44.0		
73. 0		270 NB ON	*	240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	350.	3.0	.0	44.0		
74. 0		270 NB ON	*	240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	350.	3.6	.0	56.0		
75. NB RAMP	WB 118 T	*	240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1800.	3.6	.0	56.0			
76. NB RAMP	WB 118 T	*	240552.0	553667.0	240571.1	553704.9	*	43.	27. AG	27.	100.0	.0	24.0	.75	2.2	
77. NB RAMP	WB 118 R	*	240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	375.	3.6	.0	56.0			
78. NB RAMP	WB 118 R	*	240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	375.	3.6	.0	56.0			
79. NB RAMP	WB 118 ALL*	*	240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	2175.	3.6	.0	56.0			
80. NB RAMP	WB 118 DP	*	240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	2425.	3.6	.0	56.0			

S14B115A.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	425.	3.0	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	425.	3.0	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	425.	3.0	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	425.	3.0	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	425.	3.0	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	1625.	3.6	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	1625.	3.6	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	575.	3.6	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	200.	3.6	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	240459.3	553371.2	*	230.	203.	AG	2.	100.0	.0	12.0 1.07 11.7

JOB: S14 B115AM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:30:50.60

RUN: S14 B115AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	34	7.0	425	1717	33.40	3 1
44. WB	270 OFF RA*	60	22	5.0	1600	1770	33.40	3 1
48. EBT	270 OFF RA*	60	22	5.0	350	1770	33.40	3 1
76. NB RAMP	WB 118 T	40	6	5.0	1800	1770	33.40	3 1
90. NB RAMP	EB 118 L	40	1	4.0	200	227	33.40	3 1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	6.0	*
6. R8 NB ON RMP	239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	6.0	*
11. R13 118 EB	238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	6.0	*
13. R15 SB ON RMP	239493.0	552267.0	6.0	*
14. R16 118 NB	240692.0	553517.0	6.0	*
15. R17 118 NB	240743.0	553791.0	6.0	*
16. R17 NB ON RMP	240292.0	553828.0	6.0	*
17. R17 NB ON RMP	240050.0	553809.0	6.0	*

JOB: S14 B115AM 270&MD 118 SB OFFRAMP

RUN: S14 B115AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	.0	.0	.0	.0	.0	.2	.0	.2	.1	.1	.0	.0	.1	.2	.0	.1	.0	.0
10.	.0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
145.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
150.	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
155.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
160.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
165.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
170.	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
175.	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
180.	.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
185.	.1	.1	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
190.	.1	.1	.2	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
195.	.1	.2	.2	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2

1

RUN: S14 B115AM

PAGE 6

1

RUN: S14 B115AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

Page 3

[illegible]

1

JOB: S14 B115AM 270&MD 118 SB OFFRAMP

RUN: S14 B115AM

PAGE 7

[illegible]

										S14B115P.DAT	
S14	B115PM	270&MD	118	SB	OFFRAMP	60.0175.0.0000.000170.30480000	11	1			
R1	I270	NB	OFF	RAMP	240783.	552536.	6.0				
R2	I270	NB	OFF	RAMP	240753.	552813.	6.0				
R3	I270	NB	OFF	RAMP	240729.	553008.	6.0				
R4	I270	NB	OFF	RAMP	240703.	553315.	6.0				
R5	118	EB	OFFICE	PAR	240689.	553665.	6.0				
R8	NB	ON	RMP		239700.	553907.	6.0				
R9	SB	OFF	RMP		239327.	553411.	6.0				
R10	SB	OFF	RMP		239309.	553110.	6.0				
R11	SB	OFF	RMP		239214.	552685.	6.0				
R12	SB	OFF	RMP	TO 11	238972.	552349.	6.0				
R13	118	EB			238908.	552085.	6.0				
R14	118	EB/270	SB	ON	239233.	552251.	6.0				
R15	SB	ON	RMP		239493.	552267.	6.0				
R16	118	NB			240692.	553517.	6.0				
R17	118	NB			240743.	553791.	6.0				
R17	NB	ON	RMP		240292.	553828.	6.0				
R17	NB	ON	RMP		240050.	553809.	6.0				
S14	B115PM					90	1	1			
2		MD118	WB	OAG239936.553617.240022.553677.		300	3.0	0.32.	30		
2		MD118	WB	OAG240022.553677.240115.553699.		300	3.0	0.32.	30		
2		MD118	WB	OAG240115.553699.240208.553680.		300	3.0	0.32.	30		
2		MD118	WB	OAG240208.553680.240300.553624.		300	3.0	0.32.	30		
2		MD118	WB	OAG240300.553624.240350.553535.		300	3.0	0.32.	30		
2		MD118	WB	OAG240350.553535.240375.553374.		300	3.0	0.32.	30		
2		MD118	WB	OAG240375.553374.240341.553213.		300	3.0	0.32.	30		
39		WB 118		AG240341.553213.240251.553037.		1770	3.6	0.56.	45		
40		WB 118		AG240251.553037.240062.552811.		1770	3.6	0.56.	45		
42		WB 118		AG240062.552811.239884.552679.		1770	3.6	0.56.	45		
42		SB 270	ONRAG239884.552679.239711.552612.			225	3.0	0.32.	0		
42		SB 270	ONRAG239711.552612.239568.552611.			225	3.0	0.32.	0		
42		SB 270	ONRAG239568.552611.239478.552655.			225	3.0	0.32.	0		
42		SB 270	ONRAG239478.552655.239404.552745.			225	3.0	0.32.	0		
42		SB 270	ONRAG239404.552745.239374.552830.			225	3.0	0.32.	0		
42		SB 270	ONRAG239374.552830.239373.552933.			225	3.0	0.32.	0		
42		SB 270	ONRAG239373.552933.239391.553042.			225	3.0	0.32.	0		
42		SB 270	ONRAG239391.553042.239435.553125.			225	3.0	0.32.	0		
42		SB 270	ONRAG239435.553125.239519.553196.			225	3.0	0.32.	0		
42		SB 270	ONRAG239519.553196.239611.553225.			225	3.0	0.32.	0		
70		EB 118		AG240096.552772.240291.552992.		275	3.6	0.56.	45.0		
73		NB ON RMP		AG240560.553593.240437.553665.		450	3.0	0.32.0	30.0		
73		118 WB ON		AG239936.553618.239909.553525.		450	3.0	0.32.0	30.0		
73		118 WB ON		AG239909.553525.239910.553458.		450	3.0	0.32.0	30.0		
73		118 WB ON		AG239910.553458.239939.553363.		450	3.0	0.32.0	30.0		
73		118 WB ON		AG239939.553363.240041.553209.		450	3.0	0.32.0	30.0		
73		270 NB	OFFAG240041.553209.240285.552838.			300	3.0	0.32.0	30.0		
73		270 NB	OFFAG240285.552837.240703.552233.			300	3.0	0.32.0	30.0		
73		W118 SB	ONAG239611.553224.239764.553163.			300	3.0	0.32.0	30.0		
73		118 E NB	OAG240385.553159.240291.552988.			300	3.0	0.32.0	30.0		
0		270 SB	OFFAG239252.553920.239339.553723.			625	3.0	0.32	30.0		
0		270 SB	OFFAG239339.553723.239380.553553.			625	3.0	0.32	30.0		
0		270 SB	OFFAG239380.553553.239397.553339.			625	3.0	0.32	30.0		
0		270 SB	OFFAG239397.553339.239386.553199.			625	3.0	0.32	30.0		
0		270 SB	OFFAG239386.553199.239322.552844.			625	3.0	0.32	30.0		
R		270 SB	OFFAG239237.552595.239278.552709.			600	3.0	0.32	30.0		
R		270 SB	OFFAG239278.552709.239310.552847.			600	3.0	0.32	30.0		
L		270 SB	OFFAG239440.552453.239355.552664.			600	3.0	0.44	30.0		
L		SB 270	OFFAG239413.552522.239363.552645.			0.24.	2				
60		34	7.0	600	33.4	1717	3	1			
L		270 SB	OFFAG239355.552664.239323.552845.			600	3.0	0.44	30.0		
0		270 SB	OFFAG239033.552327.239167.552465.			600	3.0	0.32	30.0		
0		270 SB	OFFAG239167.552465.239238.552592.			600	3.0	0.32	30.0		
WB		270 SB	OFFAG239437.552461.239716.552573.			1550	3.0	0.44	30.0		

S14B115P.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2	
60		22		5.0 1550 33.4 1770 3 1		
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1550 3.0 0. 44 30.0	
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1550 3.0 0. 44 30.0	
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	1075 3.0 0. 44 30.0	
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2	
60		22		5.0 1075 33.4 1770 3 1		
1		EB 118		AG240093.552773.239833.552576.	1775 3.6 0. 56. 45	
1		EB 118		AG239833.552576.239684.552504.	1775 3.6 0. 56. 45	
0		EB 118		AG239684.552504.239449.552427.	1775 3.6 0. 56. 45	
1		SB 270	GP	AG240540.552105.239972.552908.	3200 4.7 0. 56 67	
1		SB 270	GP	AG239972.552908.239451.553631.	3200 4.7 0. 56 67	
0		SB 270	GP	AG239451.553631.239273.553926.	3200 4.7 0. 56 67	
1		SB 270	ETLAG240595.552117.240153.552752.	425 4.5 0. 44 62		
0		SB 270	ETLAG240153.552752.239721.553353.	425 4.5 0. 44 62		
1		SB 270	ETLAG239721.553353.239485.553687.	425 4.5 0. 44 62		
0		SB 270	ETLAG239485.553687.239322.553959.	425 4.5 0. 44 62		
1		NB 270	ETLAG239423.553993.239672.553579.	2375 4.5 0. 44 61		
0		NB 270	ETLAG239672.553579.239837.553328.	2375 4.5 0. 44 61		
1		NB 270	ETLAG239837.553328.240165.552874.	2375 4.5 0. 44 61		
0		NB 270	ETLAG240168.552874.240405.552525.	2375 4.5 0. 44 61		
1		NB 270	ETLAG240405.552525.240751.552071.	2375 4.5 0. 44 61		
0		NB 270	GP	AG239485.553999.239785.553497.	5050 4.7 0. 56 66	
1		NB 270	GP	AG239785.553497.240196.552920.	5050 4.7 0. 56 66	
0		NB 270	GP	AG240196.552920.240779.552121.	5050 4.7 0. 56 66	
1		270	NB	ON AG239431.554147.239493.554045.	450 3.0 0. 44 30	
0		270	NB	ON AG239493.554045.239603.553929.	450 3.0 0. 44 30	
1		270	NB	ON AG239603.553929.239740.553834.	450 3.0 0. 44 30	
0		270	NB	ON AG239740.553834.239891.553772.	450 3.0 0. 44 30	
1		270	NB	ON AG239891.553772.240069.553741.	450 3.0 0. 44 30	
0		270	NB	ON AG240069.553741.240224.553741.	450 3.0 0. 44 30	
1		270	NB	ON AG240224.553741.240371.553704.	450 3.0 0. 44 30	
0		270	NB	ON AG240371.553704.240440.553673.	450 3.6 0. 56. 45	
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1400 3.6 0. 56. 45	
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2	
45		10		5.0 1400 33.4 1770 3 1		
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	350 3.6 0. 56. 45	
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	350 3.6 0. 56. 45	
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	1750 3.6 0. 56. 45		
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2400 3.6 0. 56. 45	
1		NB	OFF	RAMAG240764.553897.240683.553768.	300 3.0 0. 32 30	
1		NB	OFF	RAMAG240683.553768.240630.553628.	300 3.0 0. 32 30	
0		NB	OFF	RAMAG240630.553628.240615.553532.	300 3.0 0. 32 30	
1		NB	OFF	RAMAG240615.553532.240612.553395.	300 3.0 0. 32 30	
0		NB	OFF	RAMAG240612.553395.240747.552458.	300 3.0 0. 32 30	
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	2225 3.6 0. 56. 45	
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	2225 3.6 0. 56. 45	
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	1400 3.6 0. 56. 45	
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	275 3.6 0. 56. 45	
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1	
45		1		4.0 275 33.4 222 3 1		
1.0	54	1000.	0.0Y	5 0 72		

JOB: S14 B115PM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:34:28.60

RUN: S14 B115PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 2	MD118 WB O*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	300.	3.0	.0	32.0	
2. 2	MD118 WB O*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	300.	3.0	.0	32.0	
3. 2	MD118 WB O*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	300.	3.0	.0	32.0	
4. 2	MD118 WB O*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	300.	3.0	.0	32.0	
5. 2	MD118 WB O*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	300.	3.0	.0	32.0	
6. 2	MD118 WB O*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	300.	3.0	.0	32.0	
7. 2	MD118 WB O*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	300.	3.0	.0	32.0	
8.	WB 118	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	1770.	3.6	.0	56.0	
9. 39	WB 118	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	1770.	3.6	.0	56.0	
10. 40	WB 118	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	1770.	3.6	.0	56.0	
11. 42	SB 270 ONR*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	225.	3.0	.0	32.0	
12. 42	SB 270 ONR*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	225.	3.0	.0	32.0	
13. 42	SB 270 ONR*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	225.	3.0	.0	32.0	
14. 42	SB 270 ONR*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	225.	3.0	.0	32.0	
15. 42	SB 270 ONR*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	225.	3.0	.0	32.0	
16. 42	SB 270 ONR*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	225.	3.0	.0	32.0	
17. 42	SB 270 ONR*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	225.	3.0	.0	32.0	
18. 42	SB 270 ONR*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	225.	3.0	.0	32.0	
19. 42	SB 270 ONR*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	225.	3.0	.0	32.0	
20. 42	SB 270 ONR*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	225.	3.0	.0	32.0	
21. 70	EB 118	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	275.	3.6	.0	56.0	
22. 73	NB ON RMP	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	450.	3.0	.0	32.0	
23. 73	118 WB ON	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	450.	3.0	.0	32.0	
24. 73	118 WB ON	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	450.	3.0	.0	32.0	
25. 73	118 WB ON	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	450.	3.0	.0	32.0	
26. 73	118 WB ON	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	450.	3.0	.0	32.0	
27. 73	270 NB OFF*	240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	300.	3.0	.0	32.0	
28. 73	270 NB OFF*	240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	300.	3.0	.0	32.0	
29. 73	W118 SB ON*	239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	300.	3.0	.0	32.0	
30. 73	118 E NB O*	240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	300.	3.0	.0	32.0	
31.	270 SB OFF*	239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	625.	3.0	.0	32.0	
32. 0	270 SB OFF*	239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	625.	3.0	.0	32.0	
33. 0	270 SB OFF*	239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	625.	3.0	.0	32.0	
34. 0	270 SB OFF*	239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	625.	3.0	.0	32.0	
35. 0	270 SB OFF*	239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	625.	3.0	.0	32.0	
36. R	270 SB OFF*	239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	600.	3.0	.0	32.0	
37. R	270 SB OFF*	239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	600.	3.0	.0	32.0	
38. L	270 SB OFF*	239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	600.	3.0	.0	44.0	
39. L	SB 270 OFF*	239413.0	552522.0	239388.4	552582.5	*	65.	338. AG	102. 100.0	.0	24.0	.62	3.3
40. L	270 SB OFF*	239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	600.	3.0	.0	44.0	
41.	270 SB OFF*	239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	600.	3.0	.0	32.0	
42. 0	270 SB OFF*	239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	600.	3.0	.0	32.0	
43. WB	270 SB OFF*	239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1550.	3.0	.0	44.0	
44. WB	270 OFF RA*	239478.0	552477.0	239606.8	552528.7	*	139.	68. AG	66. 100.0	.0	24.0	.85	7.0

JOB: S14 B115PM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:34:28.60

RUN: S14 B115PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. WB	270 SB OFF*	239716.0	552573.0	239881.0	552669.0	*	191.	60. AG	1550.	3.0	.0	44.0	
46. WB	270 SB OFF*	239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1550.	3.0	.0	44.0	
47. EBT	270 SB OFF*	239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	1075.	3.0	.0	44.0	
48. EBT	270 OFF RA*	239412.0	552412.0	239344.1	552388.2	*	72.	251. AG	66. 100.0	.0	24.0	.59	3.7
49.	EB 118	240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	1775.	3.6	.0	56.0	
50. 0	EB 118	239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	1775.	3.6	.0	56.0	
51. 0	EB 118	239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	1775.	3.6	.0	56.0	
52.	SB 270 GP	240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	3200.	4.7	.0	56.0	
53. 0	SB 270 GP	239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	3200.	4.7	.0	56.0	
54. 0	SB 270 GP	239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	3200.	4.7	.0	56.0	
55. 0	SB 270 ETL*	240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	425.	4.5	.0	44.0	
56. 0	SB 270 ETL*	240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	425.	4.5	.0	44.0	
57. 0	SB 270 ETL*	239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	425.	4.5	.0	44.0	
58. 0	SB 270 ETL*	239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	425.	4.5	.0	44.0	
59. 0	NB 270 ETL*	239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	2375.	4.5	.0	44.0	
60. 0	NB 270 ETL*	239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	2375.	4.5	.0	44.0	
61. 0	NB 270 ETL*	239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	2375.	4.5	.0	44.0	
62. 0	NB 270 ETL*	240165.0	552874.0	240405.0	552525.0	*	422.	146. AG	2375.	4.5	.0	44.0	
63. 0	NB 270 ETL*	240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	2375.	4.5	.0	44.0	
64. 0	NB 270 GP	239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	5050.	4.7	.0	56.0	
65. 0	NB 270 GP	239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	5050.	4.7	.0	56.0	
66. 0	NB 270 GP	240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	5050.	4.7	.0	56.0	
67. 0	270 NB ON	239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	450.	3.0	.0	44.0	
68. 0	270 NB ON	239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	450.	3.0	.0	44.0	
69. 0	270 NB ON	239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	450.	3.0	.0	44.0	
70. 0	270 NB ON	239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	450.	3.0	.0	44.0	
71. 0	270 NB ON	239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	450.	3.0	.0	44.0	
72. 0	270 NB ON	240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	450.	3.0	.0	44.0	
73. 0	270 NB ON	240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	450.	3.0	.0	44.0	
74. 0	270 NB ON	240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	450.	3.6	.0	56.0	
75. NB RAMP	WB 118 T	240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1400.	3.6	.0	56.0	
76. NB RAMP	WB 118 T	240552.0	553667.0	240569.2	553701.2	*	38.	27. AG	40. 100.0	.0	24.0	.64	1.9
77. NB RAMP	WB 118 R	240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	350.	3.6	.0	56.0	
78. NB RAMP	WB 118 R	240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	350.	3.6	.0	56.0	
79. NB RAMP	WB 118 ALL	240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	1750.	3.6	.0	56.0	
80. NB RAMP	WB 118 DP	240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	2400.	3.6	.0	56.0	

S14B115P.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	300.	3.0	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	300.	3.0	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	300.	3.0	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	300.	3.0	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	300.	3.0	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	2225.	3.6	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	2225.	3.6	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	1400.	3.6	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	275.	3.6	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	240156.5	552656.3	*	1006.	203.	AG	2.	100.0	.0	12.0 1.47 51.1

JOB: S14 B115PM 270&MD 118 SB OFFRAMP
DATE: 04/23/2007 TIME: 21:34:28.60

RUN: S14 B115PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	34	7.0	600	1717	3	1
44. WB	270 OFF RA*	60	22	5.0	1550	1770	3	1
48. EBT	270 OFF RA*	60	22	5.0	1075	1770	3	1
76. NB RAMP	WB 118 T *	45	10	5.0	1400	1770	3	1
90. NB RAMP	EB 118 L *	45	1	4.0	275	222	3	1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. R1 I270 NB OFF RAMP	240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	6.0	*
6. R8 NB ON RMP	239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	6.0	*
11. R13 118 EB	238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	6.0	*
13. R15 SB ON RMP	239493.0	552267.0	6.0	*
14. R16 118 NB	240692.0	553517.0	6.0	*
15. R17 118 NB	240743.0	553791.0	6.0	*
16. R17 NB ON RMP	240292.0	553828.0	6.0	*
17. R17 NB ON RMP	240050.0	553809.0	6.0	*

JOB: S14 B115PM 270&MD 118 SB OFFRAMP

RUN: S14 B115PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.2	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.0	.0	.1	.3	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.0	.0	.2	.2	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.2	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.1	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.2	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.2	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.1	.0	.1	.2	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.1	.2	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
145.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
150.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
155.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
160.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
165.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
170.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
175.	* .1	.1	.1	.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
180.	* .1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
185.	* .1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1
190.	* .3	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
195.	* .3	.2	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2

S14B115P.OUT

200.	*	.3	.2	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
205.	*	.3	.3	.2	.1	.2	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
210.	*	.3	.3	.2	.2	.2	.5	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2

1

JOB: S14 B115PM 270&MD 118 SB OFFRAMP

RUN: S14 B115PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
215.	.4	.2	.2	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2
220.	.4	.2	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3
225.	.4	.2	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2
230.	.4	.2	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2
235.	.4	.2	.2	.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.2	.2
240.	.4	.2	.2	.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.2
245.	.4	.2	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.2
250.	.4	.3	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
255.	.4	.3	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
260.	.4	.2	.2	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
265.	.3	.2	.1	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.2
270.	.3	.2	.1	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.2
275.	.3	.1	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1
280.	.4	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
285.	.4	.3	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1
290.	.4	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1
295.	.3	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
300.	.4	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
305.	.3	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
310.	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
315.	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
320.	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
325.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
330.	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
335.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
340.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
345.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
350.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
355.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
360.	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.1	.1	.2	.0	.0
365.	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0
MAX	.4	.3	.2	.3	.4	.6	.4	.2	.2	.1	.0	.2	.3	.3	.4	.2	.3
DEGR.	215	205	205	265	235	175	30	10	30	50	5	25	20	230	220	165	170

THE HIGHEST CONCENTRATION IS .60 PPM AT 175 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 215 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 235 DEGREES FROM REC5 .

1

JOB: S14 B115PM 270&MD 118 SB OFFRAMP

RUN: S14 B115PM

PAGE 6

DATE: 04/23/2007 TIME: 21:34:28.60

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

1

JOB: S14 B115PM 270&MD 118 SB OFFRAMP

RUN: S14 B115PM

PAGE 7

LINK	#	CO/LINK (PPM)															
		ANGLE (DEGREES)															
		REC1 215	REC2 205	REC3 203	REC4 265	REC5 235	REC6 175	REC7 30	REC8 10	REC9 30	REC10 50	REC11 5	REC12 25	REC13 20	REC14 230	REC15 220	REC16 165
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
53	*	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1
66	*	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

S14B215A

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2
60		22		5.0 1625 33.4 1770 3 1	
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1625 3.0 0. 44 30.0
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1625 3.0 0. 44 30.0
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	375 3.0 0. 44 30.0
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2
60		22		5.0 375 33.4 1770 3 1	
1		EB 118		AG240093.552773.239833.552576.	1525 3.6 0. 56. 45
1		EB 118		AG239833.552576.239684.552504.	1525 3.6 0. 56. 45
0		EB 118		AG239684.552504.239449.552427.	1525 3.6 0. 56. 45
1		SB 270	GP	AG240540.552105.239972.552908.	5500 4.7 0. 56 64
1		SB 270	GP	AG239972.552908.239451.553631.	5500 4.7 0. 56 64
0		SB 270	GP	AG239451.553631.239273.553926.	5500 4.7 0. 56 64
1		SB 270	ETLAG240595.552117.240153.552752.	1175 4.6 0. 44 63	
0		SB 270	ETLAG240153.552752.239721.553353.	1175 4.6 0. 44 63	
1		SB 270	ETLAG239721.553353.239485.553687.	1175 4.6 0. 44 63	
0		SB 270	ETLAG239485.553687.239322.553959.	1175 4.6 0. 44 63	
1		NB 270	ETLAG239423.553993.239672.553579.	450 4.5 0. 44 62	
0		NB 270	ETLAG239672.553579.239837.553328.	450 4.5 0. 44 62	
1		NB 270	ETLAG239837.553328.240165.552874.	450 4.5 0. 44 62	
0		NB 270	ETLAG240168.552874.240405.552525.	450 4.5 0. 44 62	
1		NB 270	ETLAG240405.552525.240751.552071.	450 4.5 0. 44 62	
0		NB 270	GP	AG239485.553999.239785.553497.	2375 4.7 0. 56 67
1		NB 270	GP	AG239785.553497.240196.552920.	2375 4.7 0. 56 67
0		NB 270	GP	AG240196.552920.240779.552121.	2375 4.7 0. 56 67
1		270	NB	ON AG239431.554147.239493.554045.	400 3.0 0. 44 30
0		270	NB	ON AG239493.554045.239603.553929.	400 3.0 0. 44 30
1		270	NB	ON AG239603.553929.239740.553834.	400 3.0 0. 44 30
0		270	NB	ON AG239740.553834.239891.553772.	400 3.0 0. 44 30
1		270	NB	ON AG239891.553772.240069.553741.	400 3.0 0. 44 30
0		270	NB	ON AG240069.553741.240224.553741.	400 3.0 0. 44 30
1		270	NB	ON AG240224.553741.240371.553704.	400 3.0 0. 44 30
0		270	NB	ON AG240371.553704.240440.553673.	400 3.6 0. 56. 45
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1800 3.6 0. 56. 45
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2
40		6		5.0 1800 33.4 1770 3 1	
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	375 3.6 0. 56. 45
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	375 3.6 0. 56. 45
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	2175 3.6 0. 56. 45	
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2825 3.6 0. 56. 45
1		NB	OFF	RAMAG240764.553897.240683.553768.	150 3.0 0. 32 30
1		NB	OFF	RAMAG240683.553768.240630.553628.	150 3.0 0. 32 30
0		NB	OFF	RAMAG240630.553628.240615.553532.	150 3.0 0. 32 30
1		NB	OFF	RAMAG240615.553532.240612.553395.	150 3.0 0. 32 30
0		NB	OFF	RAMAG240612.553395.240747.552458.	150 3.0 0. 32 30
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	1250 3.6 0. 56. 45
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	1250 3.6 0. 56. 45
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	625 3.6 0. 56. 45
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	200 3.6 0. 56. 45
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1
40		1		4.0 200 33.4 200 3 1	
1.0	54	1000.	0.0Y	5 0 72	

JOB: S14 B215AM 270&MD 118 SB OFFRAMP
DATE: 03/14/2007 TIME: 14:16:23.29

RUN: S14 B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 2	MD118 WB 0*	*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	150.	3.0	.0	32.0	
2. 2	MD118 WB 0*	*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	150.	3.0	.0	32.0	
3. 2	MD118 WB 0*	*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	150.	3.0	.0	32.0	
4. 2	MD118 WB 0*	*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	150.	3.0	.0	32.0	
5. 2	MD118 WB 0*	*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	150.	3.0	.0	32.0	
6. 2	MD118 WB 0*	*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	150.	3.0	.0	32.0	
7. 2	MD118 WB 0*	*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	150.	3.0	.0	32.0	
8. 39	WB 118 *	*	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2175.	3.6	.0	56.0	
9. 40	WB 118 *	*	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2175.	3.6	.0	56.0	
10. 40	WB 118 *	*	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2175.	3.6	.0	56.0	
11. 42	SB 270 ONR*	*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	225.	3.0	.0	32.0	
12. 42	SB 270 ONR*	*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	225.	3.0	.0	32.0	
13. 42	SB 270 ONR*	*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	225.	3.0	.0	32.0	
14. 42	SB 270 ONR*	*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	225.	3.0	.0	32.0	
15. 42	SB 270 ONR*	*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	225.	3.0	.0	32.0	
16. 42	SB 270 ONR*	*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	225.	3.0	.0	32.0	
17. 42	SB 270 ONR*	*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	225.	3.0	.0	32.0	
18. 42	SB 270 ONR*	*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	225.	3.0	.0	32.0	
19. 42	SB 270 ONR*	*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	225.	3.0	.0	32.0	
20. 42	SB 270 ONR*	*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	225.	3.0	.0	32.0	
21. 70	EB 118 *	*	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2000.	3.6	.0	56.0	
22. 73	NB ON RMP *	*	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	400.	3.0	.0	32.0	
23. 73	118 WB ON *	*	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	400.	3.0	.0	32.0	
24. 73	118 WB ON *	*	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	400.	3.0	.0	32.0	
25. 73	118 WB ON *	*	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	400.	3.0	.0	32.0	
26. 73	118 WB ON *	*	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	400.	3.0	.0	32.0	
27. 73	270 NB OFF*	*	240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	400.	3.0	.0	32.0	
28. 73	270 NB OFF*	*	240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	400.	3.0	.0	32.0	
29. 73	W118 SB ON*	*	239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	400.	3.0	.0	32.0	
30. 73	118 E NB 0*	*	240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	400.	3.0	.0	32.0	
31. 0	270 SB OFF*	*	239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	800.	3.0	.0	32.0	
32. 0	270 SB OFF*	*	239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	800.	3.0	.0	32.0	
33. 0	270 SB OFF*	*	239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	800.	3.0	.0	32.0	
34. 0	270 SB OFF*	*	239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	800.	3.0	.0	32.0	
35. 0	270 SB OFF*	*	239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	800.	3.0	.0	32.0	
36. R	270 SB OFF*	*	239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	700.	3.0	.0	32.0	
37. R	270 SB OFF*	*	239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	700.	3.0	.0	32.0	
38. L	270 SB OFF*	*	239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	700.	3.0	.0	44.0	
39. L	SB 270 OFF*	*	239413.0	552522.0	239380.0	552601.2	*	86.	338. AG	102. 100.0	.0	24.0	.72	4.3
40. L	270 SB OFF*	*	239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	700.	3.0	.0	44.0	
41. 0	270 SB OFF*	*	239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	700.	3.0	.0	32.0	
42. 0	270 SB OFF*	*	239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	700.	3.0	.0	32.0	
43. WB	270 SB OFF*	*	239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1625.	3.0	.0	44.0	
44. WB	270 OFF RA*	*	239478.0	552477.0	239633.0	552539.2	*	167.	68. AG	66. 100.0	.0	24.0	.89	8.5

JOB: S14 B215AM 270&MD 118 SB OFFRAMP
DATE: 03/14/2007 TIME: 14:16:23.29

RUN: S14 B215AM

LINK VARIABLES

LINK DESCRIPTION		*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. WB	270 SB OFF*	*	239716.0	552573.0	239881.0	552669.0	*	191.	60. AG	1625.	3.0	.0	44.0	
46. WBDP	270 SB OFF*	*	239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1625.	3.0	.0	44.0	
47. EBT	270 SB OFF*	*	239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	375.	3.0	.0	44.0	
48. EBT	270 OFF RA*	*	239412.0	552412.0	239390.0	552404.6	*	22.	251. AG	66. 100.0	.0	24.0	.20	1.1
49. 0	EB 118 *	*	240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	1525.	3.6	.0	56.0	
50. 0	EB 118 *	*	239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	1525.	3.6	.0	56.0	
51. 0	EB 118 *	*	239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	1525.	3.6	.0	56.0	
52. 0	SB 270 GP *	*	240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	5500.	4.7	.0	56.0	
53. 0	SB 270 GP *	*	239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	5500.	4.7	.0	56.0	
54. 0	SB 270 GP *	*	239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	5500.	4.7	.0	56.0	
55. 0	SB 270 ETL*	*	240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	1175.	4.6	.0	44.0	
56. 0	SB 270 ETL*	*	240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	1175.	4.6	.0	44.0	
57. 0	SB 270 ETL*	*	239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	1175.	4.6	.0	44.0	
58. 0	SB 270 ETL*	*	239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	1175.	4.6	.0	44.0	
59. 0	NB 270 ETL*	*	239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	450.	4.5	.0	44.0	
60. 0	NB 270 ETL*	*	239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	450.	4.5	.0	44.0	
61. 0	NB 270 ETL*	*	239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	450.	4.5	.0	44.0	
62. 0	NB 270 ETL*	*	240165.0	552874.0	240405.0	552525.0	*	422.	146. AG	450.	4.5	.0	44.0	
63. 0	NB 270 ETL*	*	240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	450.	4.5	.0	44.0	
64. 0	NB 270 GP *	*	239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	2375.	4.7	.0	56.0	
65. 0	NB 270 GP *	*	239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	2375.	4.7	.0	56.0	
66. 0	NB 270 GP *	*	240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	2375.	4.7	.0	56.0	
67. 0	270 NB ON *	*	239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	400.	3.0	.0	44.0	
68. 0	270 NB ON *	*	239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	400.	3.0	.0	44.0	
69. 0	270 NB ON *	*	239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	400.	3.0	.0	44.0	
70. 0	270 NB ON *	*	239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	400.	3.0	.0	44.0	
71. 0	270 NB ON *	*	239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	400.	3.0	.0	44.0	
72. 0	270 NB ON *	*	240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	400.	3.0	.0	44.0	
73. 0	270 NB ON *	*	240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	400.	3.0	.0	44.0	
74. 0	270 NB ON *	*	240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	400.	3.6	.0	56.0	
75. NB RAMP	WB 118 T *	*	240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1800.	3.6	.0	56.0	
76. NB RAMP	WB 118 T *	*	240552.0	553667.0	240571.1	553704.9	*	43.	27. AG	27. 100.0	.0	24.0	.75	2.2
77. NB RAMP	WB 118 R *	*	240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	375.	3.6	.0	56.0	
78. NB RAMP	WB 118 R *	*	240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	375.	3.6	.0	56.0	
79. NB RAMP	WB 118 ALL*	*	240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	2175.	3.6	.0	56.0	
80. NB RAMP	WB 118 DP *	*	240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	2825.	3.6	.0	56.0	

S14B215A

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212. AG	150.	3.0	.0	32.0
82. 0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201. AG	150.	3.0	.0	32.0
83. 0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189. AG	150.	3.0	.0	32.0
84. 0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181. AG	150.	3.0	.0	32.0
85. 0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172. AG	150.	3.0	.0	32.0
86. NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209. AG	1250.	3.6	.0	56.0
87. NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204. AG	1250.	3.6	.0	56.0
88. NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204. AG	625.	3.6	.0	56.0
89. NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203. AG	200.	3.6	.0	56.0
90. NB RAMP	EB 118 L	* 240549.0	553583.0	240372.4	553165.9	*	453.	203. AG	2.	100.0	.0	12.0 1.21 23.0

JOB: S14 B215AM 270&MD 118 SB OFFRAMP
DATE: 03/14/2007 TIME: 14:16:23.29

RUN: S14 B215AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	* RED TIME (SEC)	* CLEARANCE LOST TIME (SEC)	* APPROACH VOL (VPH)	* SATURATION FLOW RATE (VPH)	* IDLE EM FAC (gm/hr)	* SIGNAL TYPE	* ARRIVAL RATE
39. L SB 270 OFF*	60	34	7.0	700	1717	33.40	3	1
44. WB 270 OFF RA*	60	22	5.0	1625	1770	33.40	3	1
48. EBT 270 OFF RA*	60	22	5.0	375	1770	33.40	3	1
76. NB RAMP WB 118 T *	40	6	5.0	1800	1770	33.40	3	1
90. NB RAMP EB 118 L *	40	1	4.0	200	200	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1 I270 NB OFF RAMP *	240783.0	552536.0	6.0
2. R2 I270 NB OFF RAMP *	240753.0	552813.0	6.0
3. R3 I270 NB OFF RAMP *	240729.0	553008.0	6.0
4. R4 I270 NB OFF RAMP *	240703.0	553315.0	6.0
5. R5 118 EB OFFICE PAR *	240689.0	553665.0	6.0
6. R8 NB ON RMP *	239700.0	553907.0	6.0
7. R9 SB OFF RMP *	239327.0	553411.0	6.0
8. R10 SB OFF RMP *	239309.0	553110.0	6.0
9. R11 SB OFF RMP *	239214.0	552685.0	6.0
10. R12 SB OFF RMP TO 11 *	238972.0	552349.0	6.0
11. R13 118 EB *	238908.0	552085.0	6.0
12. R14 118 EB/270 SB ON *	239233.0	552251.0	6.0
13. R15 SB ON RMP *	239493.0	552267.0	6.0
14. R16 118 NB *	240692.0	553517.0	6.0
15. R17 118 NB *	240743.0	553791.0	6.0
16. R17 NB ON RMP *	240292.0	553828.0	6.0
17. R17 NB ON RMP *	240050.0	553809.0	6.0

JOB: S14 B215AM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.1	.2	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
145.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
150.	* .0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
155.	* .0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
160.	* .0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
165.	* .0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
170.	* .0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
175.	* .0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
180.	* .1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
185.	* .1	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
190.	* .1	.1	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2
195.	* .1	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2

200. * .1 .2 .2 .1 .1 .3 .0 .0 .0 S14B215A .0 .0 .1 .1 .1 .2
 205. * .2 .2 .2 .1 .1 .2 .0 .0 .0 .0 .0 .1 .1 .1 .2
 210. * .2 .2 .2 .1 .2 .2 .0 .0 .0 .0 .0 .1 .2 .1 .2

1

JOB: S14 B215AM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
215.	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
220.	.2	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
225.	.2	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1
230.	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2
235.	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.2
240.	.2	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
245.	.2	.2	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
250.	.2	.2	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
255.	.2	.2	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.3
260.	.2	.2	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2
265.	.2	.2	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2
270.	.2	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2
275.	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.2
280.	.2	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.2
285.	.2	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
290.	.2	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
295.	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
300.	.3	.2	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
305.	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
310.	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	.1	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
325.	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
330.	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
335.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
340.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
345.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
350.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
355.	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.0	.1	.0	.2	.0	.0
365.	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.1	.2	.0	.1	.0	.0
MAX	.3	.2	.2	.2	.4	.4	.3	.2	.1	.1	.1	.2	.2	.2	.4	.1	.3
DEGR.	295	195	195	260	265	165	20	10	15	30	30	15	5	235	235	135	185

THE HIGHEST CONCENTRATION IS .40 PPM AT 265 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 235 DEGREES FROM REC15 .

1

JOB: S14 B215AM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 6

DATE: 03/14/2007 TIME: 14:16:23.29

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S14B215A

JOB: S14 B215AM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 295	REC2 195	REC3 195	REC4 260	REC5 265	REC6 165	REC7 20	REC8 10	REC9 15	REC10 30	REC11 30	REC12 15	REC13 5	REC14 235	REC15 235	REC16 135	REC17 185
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	*	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
53	*	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
66	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

	S14B215P	MD 118 SB OFFRAMP	60.0175.0.0000.000170.30480000	11	1
R1	I270 NB OFF RAMP	240783.	552536.	6.0	
R2	I270 NB OFF RAMP	240753.	552813.	6.0	
R3	I270 NB OFF RAMP	240729.	553008.	6.0	
R4	I270 NB OFF RAMP	240703.	553315.	6.0	
R5	118 EB OFFICE PAR	240689.	553665.	6.0	
R8	NB ON RMP	239700.	553907.	6.0	
R9	SB OFF RMP	239327.	553411.	6.0	
R10	SB OFF RMP	239309.	553110.	6.0	
R11	SB OFF RMP	239214.	552685.	6.0	
R12	SB OFF RMP TO 11	238972.	552349.	6.0	
R13	118 EB	238908.	552085.	6.0	
R14	118 EB/270 SB ON	239233.	552251.	6.0	
R15	SB ON RMP	239493.	552267.	6.0	
R16	118 NB	240692.	553517.	6.0	
R17	118 NB	240743.	553791.	6.0	
R17	NB ON RMP	240292.	553828.	6.0	
R17	NB ON RMP	240050.	553809.	6.0	
S14	B215AM				
2	1	MD118 WB OAG239936.553617.240022.553677.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240022.553677.240115.553699.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240115.553699.240208.553680.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240208.553680.240300.553624.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240300.553624.240350.553535.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240350.553535.240375.553374.		100 3.0 0. 32. 30	
2	1	MD118 WB OAG240375.553374.240341.553213.		100 3.0 0. 32. 30	
39	1	WB 118 AG240341.553213.240251.553037.		1750 3.6 0. 56. 45	
40	1	WB 118 AG240251.553037.240062.552811.		1750 3.6 0. 56. 45	
42	1	SB 270 ONRAG239884.552679.239711.552612.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239711.552612.239568.552611.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239568.552611.239478.552655.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239478.552655.239404.552745.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239404.552745.239374.552830.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239374.552830.239373.552933.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239373.552933.239391.553042.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239391.553042.239435.553125.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239435.553125.239519.553196.		225 3.0 0. 32. 0	
42	1	SB 270 ONRAG239519.553196.239611.553225.		225 3.0 0. 32. 0	
70	1	EB 118 AG240096.552772.240291.552992.		2625 3.6 0. 56. 45.0	
73	1	NB ON RMP AG240560.553593.240437.553665.		225 3.0 0.32.0 30.0	
73	1	118 WB ON AG239936.553618.239909.553525.		225 3.0 0.32.0 30.0	
73	1	118 WB ON AG239909.553525.239910.553458.		225 3.0 0.32.0 30.0	
73	1	118 WB ON AG239910.553458.239939.553363.		225 3.0 0.32.0 30.0	
73	1	118 WB ON AG239939.553363.240041.553209.		225 3.0 0.32.0 30.0	
73	1	270 NB OFFAG240041.553209.240285.552838.		225 3.0 0.32.0 30.0	
73	1	270 NB OFFAG240285.552837.240703.552233.		225 3.0 0.32.0 30.0	
73	1	W118 SB ONAG239611.553224.239764.553163.		225 3.0 0.32.0 30.0	
73	1	118 E NB OAG240385.553159.240291.552988.		225 3.0 0.32.0 30.0	
0	1	270 SB OFFAG239252.553920.239339.553723.		700 3.0 0. 32 30.0	
0	1	270 SB OFFAG239339.553723.239380.553553.		700 3.0 0. 32 30.0	
0	1	270 SB OFFAG239380.553553.239397.553339.		700 3.0 0. 32 30.0	
0	1	270 SB OFFAG239397.553339.239386.553199.		700 3.0 0. 32 30.0	
0	1	270 SB OFFAG239386.553199.239322.552844.		700 3.0 0. 32 30.0	
R	1	270 SB OFFAG239237.552595.239278.552709.		22	

S14B215P

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2	
60		22		5.0 1550 33.4 1770 3 1		
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1550 3.0 0. 44 30.0	
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1550 3.0 0. 44 30.0	
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	375 3.0 0. 44 30.0	
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2	
60		22		5.0 375 33.4 1770 3 1		
1		EB 118		AG240093.552773.239833.552576.	1525 3.6 0. 56. 45	
1		EB 118		AG239833.552576.239684.552504.	1525 3.6 0. 56. 45	
0		EB 118		AG239684.552504.239449.552427.	1525 3.6 0. 56. 45	
1		SB 270	GP	AG240540.552105.239972.552908.	3075 4.7 0. 56 67	
1		SB 270	GP	AG239972.552908.239451.553631.	3075 4.7 0. 56 67	
0		SB 270	GP	AG239451.553631.239273.553926.	3075 4.7 0. 56 67	
1		SB 270	ETLAG240595.552117.240153.552752.	450 4.7 0. 44 64		
0		SB 270	ETLAG240153.552752.239721.553353.	450 4.7 0. 44 64		
1		SB 270	ETLAG239721.553353.239485.553687.	450 4.7 0. 44 64		
0		SB 270	ETLAG239485.553687.239322.553959.	450 4.7 0. 44 64		
1		NB 270	ETLAG239423.553993.239672.553579.	1225 4.5 0. 44 62		
0		NB 270	ETLAG239672.553579.239837.553328.	1225 4.5 0. 44 62		
1		NB 270	ETLAG239837.553328.240165.552874.	1225 4.5 0. 44 62		
0		NB 270	ETLAG240168.552874.240405.552525.	1225 4.5 0. 44 62		
1		NB 270	ETLAG240405.552525.240751.552071.	1225 4.5 0. 44 62		
0		NB 270	GP	AG239485.553999.239785.553497.	4900 4.7 0. 56 66	
1		NB 270	GP	AG239785.553497.240196.552920.	4900 4.7 0. 56 66	
0		NB 270	GP	AG240196.552920.240779.552121.	4900 4.7 0. 56 66	
1		270	NB	ON AG239431.554147.239493.554045.	400 3.0 0. 44 30	
0		270	NB	ON AG239493.554045.239603.553929.	400 3.0 0. 44 30	
1		270	NB	ON AG239603.553929.239740.553834.	400 3.0 0. 44 30	
0		270	NB	ON AG239740.553834.239891.553772.	400 3.0 0. 44 30	
1		270	NB	ON AG239891.553772.240069.553741.	400 3.0 0. 44 30	
0		270	NB	ON AG240069.553741.240224.553741.	400 3.0 0. 44 30	
1		270	NB	ON AG240224.553741.240371.553704.	400 3.0 0. 44 30	
0		270	NB	ON AG240371.553704.240440.553673.	400 3.6 0. 56. 45	
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1400 3.6 0. 56. 45	
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2	
45		10		5.0 1400 33.4 1770 3 1		
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	350 3.6 0. 56. 45	
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	350 3.6 0. 56. 45	
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	1750 3.6 0. 56. 45		
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2400 3.6 0. 56. 45	
1		NB	OFF	RAMAG240764.553897.240683.553768.	100 3.0 0. 32 30	
1		NB	OFF	RAMAG240683.553768.240630.553628.	100 3.0 0. 32 30	
0		NB	OFF	RAMAG240630.553628.240615.553532.	100 3.0 0. 32 30	
1		NB	OFF	RAMAG240615.553532.240612.553395.	100 3.0 0. 32 30	
0		NB	OFF	RAMAG240612.553395.240747.552458.	100 3.0 0. 32 30	
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	2200 3.6 0. 56. 45	
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	2200 3.6 0. 56. 45	
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	1400 3.6 0. 56. 45	
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	275 3.6 0. 56. 45	
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1	
40		1		4.0 275 33.4 222 3 1		
1.0	54	1000.	0.0Y	5 0 72		

JOB: S14 B215PM 270&MD 118 SB OFFRAMP
DATE: 03/17/2007 TIME: 00:04:38.08

RUN: S14 B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		*	X1	Y1	X2	Y2	*							
1. 2	MD118 WB	O*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	100.	3.0	.0	32.0	
2. 2	MD118 WB	O*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	100.	3.0	.0	32.0	
3. 2	MD118 WB	O*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	100.	3.0	.0	32.0	
4. 2	MD118 WB	O*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	100.	3.0	.0	32.0	
5. 2	MD118 WB	O*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	100.	3.0	.0	32.0	
6. 2	MD118 WB	O*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	100.	3.0	.0	32.0	
7. 2	MD118 WB	O*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	100.	3.0	.0	32.0	
8. 39	WB 118	*	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	1750.	3.6	.0	56.0	
9. 40	WB 118	*	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	1750.	3.6	.0	56.0	
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	1750.	3.6	.0	56.0	
11. 42	SB 270 ONR*		239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	225.	3.0	.0	32.0	
12. 42	SB 270 ONR*		239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	225.	3.0	.0	32.0	
13. 42	SB 270 ONR*		239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	225.	3.0	.0	32.0	
14. 42	SB 270 ONR*		239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	225.	3.0	.0	32.0	
15. 42	SB 270 ONR*		239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	225.	3.0	.0	32.0	
16. 42	SB 270 ONR*		239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	225.	3.0	.0	32.0	
17. 42	SB 270 ONR*		239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	225.	3.0	.0	32.0	
18. 42	SB 270 ONR*		239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	225.	3.0	.0	32.0	
19. 42	SB 270 ONR*		239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	225.	3.0	.0	32.0	
20. 42	SB 270 ONR*		239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	225.	3.0	.0	32.0	
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2625.	3.6	.0	56.0	
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	225.	3.0	.0	32.0	
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	225.	3.0	.0	32.0	
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	225.	3.0	.0	32.0	
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	225.	3.0	.0	32.0	
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	225.	3.0	.0	32.0	
27. 73	270 NB OFF*		240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	225.	3.0	.0	32.0	
28. 73	270 NB OFF*		240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	225.	3.0	.0	32.0	
29. 73	W118 SB ON*		239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	225.	3.0	.0	32.0	
30. 73	118 E NB O*		240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	225.	3.0	.0	32.0	
31. 0	270 SB OFF*		239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	700.	3.0	.0	32.0	
32. 0	270 SB OFF*		239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	700.	3.0	.0	32.0	
33. 0	270 SB OFF*		239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	700.	3.0	.0	32.0	
34. 0	270 SB OFF*		239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	700.	3.0	.0	32.0	
35. 0	270 SB OFF*		239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	700.	3.0	.0	32.0	
36. R	270 SB OFF*		239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	225.	3.0	.0	32.0	
37. R	270 SB OFF*		239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	225.	3.0	.0	32.0	
38. L	270 SB OFF*		239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	225.	3.0	.0	44.0	
39. L	SB 270 OFF*		239413.0	552522.0	239407.9	552534.5	*	13.	338. AG	66. 100.0	.0	24.0	.13	.7
40. L	270 SB OFF*		239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	225.	3.0	.0	44.0	
41. 0	270 SB OFF*		239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	225.	3.0	.0	32.0	
42. 0	270 SB OFF*		239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	225.	3.0	.0	32.0	
43. WB	270 SB OFF*		239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1550.	3.0	.0	44.0	
44. WB	270 OFF RA*		239478.0	552477.0	239606.8	552528.7	*	139.	68. AG	66. 100.0	.0	24.0	.85	7.0

JOB: S14 B215PM 270&MD 118 SB OFFRAMP
DATE: 03/17/2007 TIME: 00:04:38.08

RUN: S14 B215AM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		*	X1	Y1	X2	Y2	*							
45. WB	270 SB OFF*		239716.0	552573.0	239881.0	552669.0	*	191.	60. AG	1550.	3.0	.0	44.0	
46. WBDP	270 SB OFF*		239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1550.	3.0	.0	44.0	
47. EBT	270 SB OFF*		239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	375.	3.0	.0	44.0	
48. EBT	270 OFF RA*		239412.0	552412.0	239390.8	552404.6	*	22.	251. AG	66. 100.0	.0	24.0	.20	1.1
49. 0	EB 118	*	240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	1525.	3.6	.0	56.0	
50. 0	EB 118	*	239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	1525.	3.6	.0	56.0	
51. 0	EB 118	*	239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	1525.	3.6	.0	56.0	
52. 0	SB 270 GP	*	240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	3075.	4.7	.0	56.0	
53. 0	SB 270 GP	*	239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	3075.	4.7	.0	56.0	
54. 0	SB 270 GP	*	239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	3075.	4.7	.0	56.0	
55. 0	SB 270 ETL*		240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	450.	4.7	.0	44.0	
56. 0	SB 270 ETL*		240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	450.	4.7	.0	44.0	
57. 0	SB 270 ETL*		239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	450.	4.7	.0	44.0	
58. 0	SB 270 ETL*		239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	450.	4.7	.0	44.0	
59. 0	NB 270 ETL*		239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	1225.	4.5	.0	44.0	
60. 0	NB 270 ETL*		239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	1225.	4.5	.0	44.0	
61. 0	NB 270 ETL*		239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	1225.	4.5	.0	44.0	
62. 0	NB 270 ETL*		240165.0	552874.0	240405.0	552525.0	*	422.	146. AG	1225.	4.5	.0	44.0	
63. 0	NB 270 ETL*		240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	1225.	4.5	.0	44.0	
64. 0	NB 270 GP	*	239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	4900.	4.7	.0	56.0	
65. 0	NB 270 GP	*	239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	4900.	4.7	.0	56.0	
66. 0	NB 270 GP	*	240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	4900.	4.7	.0	56.0	
67. 0	270 NB ON	*	239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	400.	3.0	.0	44.0	
68. 0	270 NB ON	*	239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	400.	3.0	.0	44.0	
69. 0	270 NB ON	*	239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	400.	3.0	.0	44.0	
70. 0	270 NB ON	*	239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	400.	3.0	.0	44.0	
71. 0	270 NB ON	*	239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	400.	3.0	.0	44.0	
72. 0	270 NB ON	*	240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	400.	3.0	.0	44.0	
73. 0	270 NB ON	*	240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	400.	3.0	.0	44.0	
74. 0	270 NB ON	*	240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	400.	3.6	.0	56.0	
75. NB RAMP	WB 118 T	*	240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1400.	3.6	.0	56.0	
76. NB RAMP	WB 118 T	*	240552.0	553667.0	240569.2	553701.2	*	38.	27. AG	40. 100.0	.0	24.0	.64	1.9
77. NB RAMP	WB 118 R	*	240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	350.	3.6	.0	56.0	
78. NB RAMP	WB 118 R	*	240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	350.	3.6	.0	56.0	
79. NB RAMP	WB 118 ALL*		240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	1750.	3.6	.0	56.0	
80. NB RAMP	WB 118 DP	*	240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	2400.	3.6	.0	56.0	

S14B215P

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212. AG	100.	3.0	.0	32.0
82. 0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201. AG	100.	3.0	.0	32.0
83. 0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189. AG	100.	3.0	.0	32.0
84. 0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181. AG	100.	3.0	.0	32.0
85. 0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172. AG	100.	3.0	.0	32.0
86. NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209. AG	2200.	3.6	.0	56.0
87. NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204. AG	2200.	3.6	.0	56.0
88. NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204. AG	1400.	3.6	.0	56.0
89. NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203. AG	275.	3.6	.0	56.0
90. NB RAMP	EB 118 L	* 240549.0	553583.0	240140.6	552618.6	*	1047.	203. AG	2.	100.0	.0	12.0 1.50 53.2

JOB: S14 B215PM 270&MD 118 SB OFFRAMP
DATE: 03/17/2007 TIME: 00:04:38.08

RUN: S14 B215AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L SB 270 OFF*	60	22	5.0	225	1717	33.40	3	1
44. WB 270 OFF RA*	60	22	5.0	1550	1770	33.40	3	1
48. EBT 270 OFF RA*	60	22	5.0	375	1770	33.40	3	1
76. NB RAMP WB 118 T *	45	10	5.0	1400	1770	33.40	3	1
90. NB RAMP EB 118 L *	40	1	4.0	275	222	33.40	3	1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. R1 I270 NB OFF RAMP *	240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP *	240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP *	240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP *	240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR *	240689.0	553665.0	6.0	*
6. R8 NB ON RMP *	239700.0	553907.0	6.0	*
7. R9 SB OFF RMP *	239327.0	553411.0	6.0	*
8. R10 SB OFF RMP *	239309.0	553110.0	6.0	*
9. R11 SB OFF RMP *	239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11 *	238972.0	552349.0	6.0	*
11. R13 118 EB *	238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON *	239233.0	552251.0	6.0	*
13. R15 SB ON RMP *	239493.0	552267.0	6.0	*
14. R16 118 NB *	240692.0	553517.0	6.0	*
15. R17 118 NB *	240743.0	553791.0	6.0	*
16. R17 NB ON RMP *	240292.0	553828.0	6.0	*
17. R17 NB ON RMP *	240050.0	553809.0	6.0	*

JOB: S14 B215PM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.1	.2	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.2	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.2	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1	.0	.1	.2	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
145.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
150.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
155.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
160.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
165.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
170.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
175.	* .1	.1	.1	.1	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
180.	* .1	.1	.1	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
185.	* .1	.1	.1	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1
190.	* .2	.1	.1	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
195.	* .2	.1	.1	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2

200. * .2 .1 .1 .1 .1 .4 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
 205. * .2 .2 .2 .1 .2 .4 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
 210. * .2 .2 .2 .1 .1 .4 .0 .0 .0 .0 .0 .0 .1 .2 .1 .2

1

JOB: S14 B215PM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
215.	.3	.2	.2	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2
220.	.3	.2	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.3
225.	.3	.2	.2	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2
230.	.3	.2	.2	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2
235.	.3	.2	.2	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.2
240.	.3	.2	.2	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.2
245.	.3	.2	.2	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1
250.	.3	.2	.2	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
255.	.3	.2	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
260.	.3	.2	.2	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
265.	.3	.2	.1	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1
270.	.3	.2	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.1
275.	.3	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
280.	.3	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
285.	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1
290.	.3	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1
295.	.2	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
300.	.3	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
305.	.3	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
310.	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
315.	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
320.	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
325.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
330.	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
335.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
340.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0
345.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
350.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
355.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
360.	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.0	.0
365.	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0
MAX	.3	.3	.2	.2	.4	.5	.3	.2	.2	.1	.0	.1	.2	.3	.4	.2	.3
DEGR.	215	285	205	265	235	165	30	10	45	80	5	5	15	230	220	165	170

THE HIGHEST CONCENTRATION IS .50 PPM AT 165 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 235 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 220 DEGREES FROM REC15 .

1

JOB: S14 B215PM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 6

DATE: 03/17/2007 TIME: 00:04:38.08

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

44 * .0 .0 .0 .0 .0 .0 .0 .0 .0 S14B215P .0 .0 .0 .0 .0 .0
 45 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

1

JOB: S14 B215PM 270&MD 118 SB OFFRAMP

RUN: S14 B215AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 215	REC2 285	REC3 205	REC4 265	REC5 235	REC6 165	REC7 30	REC8 10	REC9 45	REC10 80	REC11 5	REC12 5	REC13 15	REC14 230	REC15 220	REC16 165	REC17 170
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	*	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
53	*	.0	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.1	.0	.1	.1	.2	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1
66	*	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S14NB30A.DAT

I-270 /US15 CORRIDOR STUDY	60.0175.0.0000.000170.30480000	11	1
R1 I270 NB OFF RAMP	240783. 552536. 5.0		
R2 I270 NB OFF RAMP	240753. 552813. 5.0		
R3 I270 NB OFF RAMP	240729. 553008. 5.0		
R4 I270 NB OFF RAMP	240703. 553315. 5.0		
R5 I18 EB OFFICE PAR	240689. 553665. 5.0		
R8 NB ON RMP	239700. 553907. 5.0		
R9 SB OFF RMP	239327. 553411. 5.0		
R10 SB OFF RMP	239309. 553110. 5.0		
R11 SB OFF RMP	239214. 552685. 5.0		
R12 SB OFF RMP TO 11	238972. 552349. 5.0		
R13 I18 EB	238908. 552085. 5.0		
R14 I18 EB/270 SB ON	239233. 552251. 5.0		
R15 SB ON RMP	239493. 552267. 5.0		
R16 I18 NB	240692. 553517. 5.0		
R17 I18 NB	240743. 553791. 5.0		
R17 NB ON RMP	240292. 553828. 5.0		
R17 NB ON RMP	240050. 553809. 5.0		
NB30 AM I270/118	77 1 1		

1									
1	NB I270AP	AG240463.552438.240018.553073.	3450. 4.2	0.56.0	66				
2	NB OFF	CirAG240018.553073.239905.553307.	475. 2.7	0. 32.	30				
3	NB OFF	CirAG239905.553307.239873.553442.	475. 2.7	0. 32.	30				
4	NB OFF	CirAG239873.553442.239886.553533.	475. 2.7	0. 32.	30				
5	NB OFF	CirAG239886.553533.239936.553617.	475. 2.7	0. 32.	30				
6	NB OFF	CirAG239936.553617.240022.553677.	475. 2.7	0. 32.	30				
7	NB OFF	CirAG240022.553677.240115.553699.	475. 2.7	0. 32.	30				
8	NB OFF	CirAG240115.553699.240208.553680.	475. 2.7	0. 32.	30				
9	NB OFF	CirAG240208.553680.240300.553624.	475. 2.7	0. 32.	30				
10	NB OFF	CirAG240300.553624.240350.553535.	475. 2.7	0. 32.	30				
11	NB OFF	CirAG240350.553535.240375.553374.	475. 2.7	0. 32.	30				
12	NB OFF	CirAG240375.553374.240341.553213.	475. 2.7	0. 32.	30				
13	NB 270 dp	AG240018.553073.239513.553797.	3275. 4.1	0.56.0	64.0				
14	NB 270 dp	AG239513.553797.239408.554016.	3275. 4.1	0.56.0	64.0				
15	NB 270 dp	AG239408.554016.239367.554097.	3275. 4.1	0.56.0	64.0				
16	NB OFF	RMPAG240719.552649.240624.553323.	850. 2.7	0. 32.	30.0				
17	NB OFF	RMPAG240624.553323.240623.553484.	850. 2.7	0. 32.	30.0				
18	NB OFF	RMPAG240623.553484.240654.553656.	850. 2.7	0. 32.	30.0				
19	NB OFF	RMPAG240654.553656.240717.553796.	850. 2.7	0. 32.	30.0				
20	NB OFF	RMPAG240717.553796.240749.553904.	850. 2.7	0. 32.	30.0				
28	NB ON RMP	AG240440.553666.240280.553729.	1150. 2.7	0. 32.	30				
29	NB ON RMP	AG240280.553729.240165.553737.	1150. 2.7	0. 32.	30				
30	NB ON RMP	AG240165.553737.239924.553734.	1150. 2.7	0. 32.	30				
31	NB ON RMP	AG239924.553734.239783.553767.	1150. 2.7	0. 32.	30				
32	NB ON RMP	AG239783.553767.239622.553853.	1150. 2.7	0. 32.	30				
33	NB ON RMP	AG239622.553853.239472.553976.	1150. 2.7	0. 32.	30				
34	NB ON RMP	AG239472.553976.239385.554115.	1150. 2.7	0. 32.	30				
67	NB ON RMP	AG240560.553593.240437.553665.	451. 2.7	0.32.0	30.0				
21	SB I270	apAG239300.554039.239425.553809.	7625. 3.8	0.56.0	58				
22	SB I270	apAG239425.553809.239924.553085.	7625. 3.8	0.64.0	58				
23	SB I270	dpAG239924.553085.240256.552627.	8150. 3.8	0.56.0	32				
24	SB I270	dpAG240256.552627.240414.552404.	8150. 3.8	0.56.0	32				
26	WBR NB RP	AG240615.553775.240558.553710.	750. 2.7	0. 32.	30.0				
27	WBR NB RP	AG240558.553710.240440.553666.	750. 2.7	0. 32.	30				
38	270 ON	CirAG239884.552679.239711.552612.	725. 2.7	0. 32.	30				
39	270 ON	CirAG239711.552612.239568.552611.	725. 2.7	0. 32.	30				
40	270 ON	CirAG239568.552611.239478.552655.	725. 2.7	0. 32.	30				
41	270 ON	CirAG239478.552655.239404.552745.	725. 2.7	0. 32.	30				
42	270 ON	CirAG239404.552745.239374.552830.	725. 2.7	0. 32.	30				
43	270 ON	CirAG239374.552830.239373.552933.	725. 2.7	0. 32.	30				
44	270 ON	CirAG239373.552933.239391.553042.	725. 2.7	0. 32.	30				
45	270 ON	CirAG239391.553042.239435.553125.	725. 2.7	0. 32.	30				
46	270 ON	CirAG239435.553125.239519.553196.	725. 2.7	0. 32.	30				

47	1	270	ON	CirAG239519.553196.239611.553225.	725.	2.7	0.	32.	S14NB30A.DAT	30
48	1	270	ON	CirAG239611.553225.239715.553216.	725.	2.7	0.	32.		30
49	1	270	ON	CirAG239715.553216.239822.553155.	725.	2.7	0.	32.		30
50	1	270	ON	CirAG239822.553155.239924.553085.	725.	2.7	0.	32.		30
54	1	270	SB	OFFAG239275.554022.239370.553840.	1575.	2.7	0.	32.		30
55	1	270	SB	OFFAG239370.553840.239412.553692.	1575.	2.7	0.	32.		30
56	1	270	SB	OFFAG239412.553692.239432.553555.	1575.	2.7	0.	32.		30
57	1	270	SB	OFFAG239432.553555.239424.553391.	1575.	2.7	0.	32.		30
58	1	270	SB	OFFAG239424.553391.239361.553065.	1575.	2.7	0.	32.		30
59	1	270	SB	OFFAG239361.553065.239329.552837.	1575.	2.7	0.	32.		30
60	1	270SBR	OFFAG239329.552837.239251.552589.	875.	2.7	0.	32.			30
61	1	270SBL	OFFAG239329.552837.239363.552674.	700.	2.7	0.	32.			30
68	2	270SBL	OFFAG239449.552451.239363.552672.	700.	2.7	0.	32.0			30.0
68	60	270SBL	OFFAG239437.552482.239372.552648.	0.	12.		1			
			33 2.0 700 29.1 1717 1 3							
62	1	EB 118	AG239473.552421.239822.552562.	2125.	3.1	0.	56.			45.0
63	1	EB 118	AG239822.552562.240096.552772.	2125.	3.1	0.	56.			45.0
64	1	EB 118	AG240096.552772.240291.552992.	2125.	3.1	0.	56.			45.0
74	1	118 E NB	AG240290.552993.240416.553217.	1425.	3.1	0.	50.0			45.0
75	1	118 E NBTHAG	240416.553217.240590.553604.	1025.	3.1	0.	40.0			45.0
72	1	118 E NBLTAG	240408.553247.240567.553594.	400.	3.1	0.	32.0			45.0
72	2	118 E NBLTAG	240554.553565.240432.553300.	0.	10.		1			
	40		4 2.0 400 29.1 257 2 3							
65	1	118 E NB	DAG240590.553602.240684.553805.	1025.	3.1	0.	56.			45.0
66	1	118 E NB	DAG240684.553805.240752.553909.	1025.	3.1	0.	56.			45.0
70	1	270SB WB	AG239450.552453.239776.552591.	1550.	3.1	0.	40.0			45.0
70	2	270SB WB	AG239471.552462.239743.552577.	0.	20.		2			
	60		23 2.0 1550 29.1 1770 1 3							
51	1	WB 118	AG240534.553609.240460.553444.	2550.	3.1	0.	56.			45.0
52	1	WB 118	AG240460.553444.240341.553213.	2550.	3.1	0.	56.			0
25	1	118WALLNR0AG	240713.553950.240630.553805.	2250.	3.1	0.	56.			45.0
77	1	118 WTNRMPAG	240631.553803.240533.553608.	1800.	3.1	0.	40.0			45.0
77	2	118 WTNRMPAG	240546.553634.240621.553783.	0.	20.		2			
	40		10 4.0 1800 29.1 1770 2 3							
53	1	WB 118	AG239884.552679.239775.552591.	2425.	3.1	0.	56.			45.0
35	1	WB 118	AG240341.553213.240251.553037.	2425.	3.1	0.	56.			45.0
36	1	WB 118	AG240251.553037.240062.552811.	2425.	3.1	0.	56.			45.0
37	1	WB 118	AG240062.552811.239884.552679.	2425.	3.1	0.	56.			45.0
1.0	0.4	1000. 0.0Y	5 0 72							

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/18/2006 TIME: 15:45:00.19

RUN: NB30 AM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270AP	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	3450.	4.2	.0	56.0	
2. 2	NB OFF Cir*	240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	475.	2.7	.0	32.0	
3. 3	NB OFF Cir*	239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	475.	2.7	.0	32.0	
4. 4	NB OFF Cir*	239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	475.	2.7	.0	32.0	
5. 5	NB OFF Cir*	239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	475.	2.7	.0	32.0	
6. 6	NB OFF Cir*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	475.	2.7	.0	32.0	
7. 7	NB OFF Cir*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	475.	2.7	.0	32.0	
8. 8	NB OFF Cir*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	475.	2.7	.0	32.0	
9. 9	NB OFF Cir*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	475.	2.7	.0	32.0	
10. 10	NB OFF Cir*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	475.	2.7	.0	32.0	
11. 11	NB OFF Cir*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	475.	2.7	.0	32.0	
12. 12	NB OFF Cir*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	475.	2.7	.0	32.0	
13. 13	NB 270 dp	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	3275.	4.1	.0	56.0	
14. 14	NB 270 dp	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	3275.	4.1	.0	56.0	
15. 15	NB 270 dp	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	3275.	4.1	.0	56.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	850.	2.7	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	850.	2.7	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	850.	2.7	.0	32.0	
19. 19	NB OFF RMP*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	850.	2.7	.0	32.0	
20. 20	NB OFF RMP*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	850.	2.7	.0	32.0	
21. 21	NB ON RMP	* 240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	1150.	2.7	.0	32.0	
22. 22	NB ON RMP	* 240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	1150.	2.7	.0	32.0	
23. 23	NB ON RMP	* 240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	1150.	2.7	.0	32.0	
24. 31	NB ON RMP	* 239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	1150.	2.7	.0	32.0	
25. 32	NB ON RMP	* 239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	1150.	2.7	.0	32.0	
26. 33	NB ON RMP	* 239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	1150.	2.7	.0	32.0	
27. 34	NB ON RMP	* 239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	1150.	2.7	.0	32.0	
28. 67	NB ON RMP	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	451.	2.7	.0	32.0	
29. 21	SB I270 ap	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	7625.	3.8	.0	56.0	
30. 22	SB I270 ap	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	7625.	3.8	.0	64.0	
31. 23	SB I270 dp	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	8150.	3.8	.0	56.0	
32. 24	SB I270 dp	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	8150.	3.8	.0	56.0	
33. 26	WBR NB RP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	750.	2.7	.0	32.0	
34. 27	WBR NB RP	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	750.	2.7	.0	32.0	
35. 38	270 ON Cir*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	725.	2.7	.0	32.0	
36. 39	270 ON Cir*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	725.	2.7	.0	32.0	
37. 40	270 ON Cir*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	725.	2.7	.0	32.0	
38. 41	270 ON Cir*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	725.	2.7	.0	32.0	
39. 42	270 ON Cir*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	725.	2.7	.0	32.0	
40. 43	270 ON Cir*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	725.	2.7	.0	32.0	
41. 44	270 ON Cir*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	725.	2.7	.0	32.0	
42. 45	270 ON Cir*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	725.	2.7	.0	32.0	
43. 46	270 ON Cir*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	725.	2.7	.0	32.0	
44. 47	270 ON Cir*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	725.	2.7	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/18/2006 TIME: 15:45:00.19

RUN: NB30 AM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	270 ON Cir*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	725.	2.7	.0	32.0	
46. 49	270 ON Cir*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	725.	2.7	.0	32.0	
47. 50	270 ON Cir*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	725.	2.7	.0	32.0	
48. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	1575.	2.7	.0	32.0	
49. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	1575.	2.7	.0	32.0	
50. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	1575.	2.7	.0	32.0	
51. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	1575.	2.7	.0	32.0	
52. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	1575.	2.7	.0	32.0	
53. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	1575.	2.7	.0	32.0	
54. 60	270SBR OFF*	239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	875.	2.7	.0	32.0	
55. 61	270SBL OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	700.	2.7	.0	32.0	
56. 68	270SBL OFF*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	700.	2.7	.0	32.0	
57. 68	270SBL OFF*	239437.0	552482.0	239191.5	553108.9	*	673.	339. AG	43. 100.0	.0	12.0	1.06 34.2	
58. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	2125.	3.1	.0	56.0	
59. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	2125.	3.1	.0	56.0	
60. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2125.	3.1	.0	56.0	
61. 74	118 E NB	* 240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	1425.	3.1	.0	50.0	
62. 75	118 E NBTH*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	1025.	3.1	.0	40.0	
63. 72	118 E NBTL*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	400.	3.1	.0	32.0	
64. 72	118 E NBTL*	240554.0	553565.0	239699.1	551708.2	*	2044.	205. AG	8. 100.0	.0	10.0	1.95 103.8	
65. 65	118 E NB D*	240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1025.	3.1	.0	56.0	
66. 66	118 E NB D*	240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1025.	3.1	.0	56.0	
67. 70	270SB WB	* 239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1550.	3.1	.0	40.0	
68. 70	270SB WB	* 239471.0	552462.0	239566.0	552502.2	*	103.	67. AG	60. 100.0	.0	20.0	.80 5.2	
69. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	2550.	3.1	.0	56.0	
70. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	2550.	3.1	.0	56.0	
71. 25	118WALLNRO*	240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	2250.	3.1	.0	56.0	
72. 77	118 WTRNRP*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1800.	3.1	.0	40.0	
73. 77	118 WTRNRP*	240546.0	553634.0	240574.8	553691.2	*	64.	27. AG	39. 100.0	.0	20.0	.85 3.3	
74. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	2425.	3.1	.0	56.0	
75. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2425.	3.1	.0	56.0	
76. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2425.	3.1	.0	56.0	
77. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2425.	3.1	.0	56.0	

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 AM I270/118
Page 1

DATE: 12/18/2006 TIME: 15:45:00.19

S14NB30A.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
57. 68 270SBL OFF*	60	33	2.0	700	1717	29.10	1	3
64. 72 118 E NBLT*	40	4	2.0	400	257	29.10	2	3
68. 70 270SB WB *	60	23	2.0	1550	1770	29.10	1	3
73. 77 118 WTNRMP*	40	10	4.0	1800	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP *	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP *	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP *	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP *	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR *	240689.0	553665.0	5.0	*
6. R8 NB ON RMP *	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP *	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP *	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP *	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11 *	238972.0	552349.0	5.0	*
11. R13 118 EB *	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON *	239233.0	552251.0	5.0	*
13. R15 SB ON RMP *	239493.0	552267.0	5.0	*
14. R16 118 NB *	240692.0	553517.0	5.0	*
15. R17 118 NB *	240743.0	553791.0	5.0	*
16. R17 NB ON RMP *	240292.0	553828.0	5.0	*
17. R17 NB ON RMP *	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 AM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.2	.0	.2	.0	.0
5.	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0	.0	.0	.2	.0	.1	.0	.0
10.	.0	.0	.0	.0	.1	.0	.3	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1	.0	.1	.2	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.2	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.1	.1	.2	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.1	.1	.2	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0	.2	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.1	.2	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.0	.0	.1	.1	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.0	.1	.2	.1	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.4	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.1	.0	.1	.1	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
170.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
175.	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
180.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
185.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
190.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
195.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
200.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
205.	.0	.0	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 AM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
215.	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2
220.	.0	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2

S14NB30A.OUT																
225.	*	.0	.2	.2	.2	.4	.3	.0	.0	.0	.0	.0	.0	.1	.3	.2
230.	*	.0	.2	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.2	.3	.2
235.	*	.0	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.2	.4	.2
240.	*	.0	.2	.2	.1	.2	.4	.0	.0	.0	.0	.0	.0	.2	.4	.2
245.	*	.1	.3	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.2	.4	.2
250.	*	.1	.3	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.1	.4	.2
255.	*	.2	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.2	.4	.1
260.	*	.2	.2	.2	.1	.3	.4	.0	.0	.0	.0	.0	.0	.2	.4	.1
265.	*	.2	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.2	.4	.1
270.	*	.2	.2	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0	.2	.1	.1
275.	*	.3	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.2	.0	.1
280.	*	.3	.2	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.2	.1	.0
285.	*	.3	.3	.2	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0
290.	*	.3	.2	.2	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0
295.	*	.3	.2	.2	.0	.3	.1	.0	.0	.0	.0	.0	.0	.1	.3	.0
300.	*	.3	.2	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
305.	*	.3	.2	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
310.	*	.2	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
315.	*	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
320.	*	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
325.	*	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
330.	*	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
335.	*	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
340.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
345.	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
350.	*	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	.0
355.	*	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.1	.0	.2	.0
360.	*	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.2	.0	.2	.0
MAX	*	.3	.3	.3	.3	.4	.4	.4	.3	.2	.1	.1	.2	.2	.4	.3
DEGR.	*	275	245	230	270	225	155	20	30	60	25	55	0	230	235	185

THE HIGHEST CONCENTRATION IS .40 PPM AT 225 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 155 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 20 DEGREES FROM REC7 .

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/18/2006 TIME: 15:45:00.19

RUN: NB30 AM I270/118

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																
	REC1 275	REC2 245	REC3 230	REC4 270	REC5 225	REC6 155	REC7 20	REC8 30	REC9 60	REC10 20	REC11 25	REC12 55	REC13 0	REC14 230	REC15 235	REC16 185	REC17 190
1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1
31	.1	.1	.1	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	.1
32	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 AM I270/118

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																
	REC1 275	REC2 245	REC3 230	REC4 270	REC5 225	REC6 155	REC7 20	REC8 30	REC9 60	REC10 20	REC11 25	REC12 55	REC13 0	REC14 230	REC15 235	REC16 185	REC17 190
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S14NB30A.OUT

S14NB30P.DAT

I-270 /US15 CORRIDOR STUDY 60.0175.0.0000.000170.30480000 11 1

R1	I270 NB OFF RAMP	240783.	552536.	5.0		
R2	I270 NB OFF RAMP	240753.	552813.	5.0		
R3	I270 NB OFF RAMP	240729.	553008.	5.0		
R4	I270 NB OFF RAMP	240703.	553315.	5.0		
R5	118 EB OFFICE PAR	240689.	553665.	5.0		
R8	NB ON RMP	239700.	553907.	5.0		
R9	SB OFF RMP	239327.	553411.	5.0		
R10	SB OFF RMP	239309.	553110.	5.0		
R11	SB OFF RMP	239214.	552685.	5.0		
R12	SB OFF RMP TO 11	238972.	552349.	5.0		
R13	118 EB	238908.	552085.	5.0		
R14	118 EB/270 SB ON	239233.	552251.	5.0		
R15	SB ON RMP	239493.	552267.	5.0		
R16	118 NB	240692.	553517.	5.0		
R17	118 NB	240743.	553791.	5.0		
R17	NB ON RMP	240292.	553828.	5.0		
R17	NB ON RMP	240050.	553809.	5.0		
NB30	PM I270/118			77	1	1

1	NB I270AP AG240463.552438.240018.553073.	7750.	3.9	0.56.0	60
2	NB OFF CirAG240018.553073.239905.553307.	850.	2.7	0.32.	30
3	NB OFF CirAG239905.553307.239873.553442.	850.	2.7	0.32.	30
4	NB OFF CirAG239873.553442.239886.553533.	850.	2.7	0.32.	30
5	NB OFF CirAG239886.553533.239936.553617.	850.	2.7	0.32.	30
6	NB OFF CirAG239936.553617.240022.553677.	850.	2.7	0.32.	30
7	NB OFF CirAG240022.553677.240115.553699.	850.	2.7	0.32.	30
8	NB OFF CirAG240115.553699.240208.553680.	850.	2.7	0.32.	30
9	NB OFF CirAG240208.553680.240300.553624.	850.	2.7	0.32.	30
10	NB OFF CirAG240300.553624.240350.553535.	850.	2.7	0.32.	30
11	NB OFF CirAG240350.553535.240375.553374.	850.	2.7	0.32.	30
12	NB OFF CirAG240375.553374.240341.553213.	850.	2.7	0.32.	30
13	NB 270 dp AG240018.553073.239513.553797.	7175.	3.9	0.56.0	61.0
14	NB 270 dp AG239513.553797.239408.554016.	7175.	3.9	0.56.0	61.0
15	NB 270 dp AG239408.554016.239367.554097.	7175.	3.9	0.56.0	61.0
16	NB OFF RMPAG240719.552649.240624.553323.	725.	2.7	0.32.	30.0
17	NB OFF RMPAG240624.553323.240623.553484.	725.	2.7	0.32.	30.0
18	NB OFF RMPAG240623.553484.240654.553656.	725.	2.7	0.32.	30.0
19	NB OFF RMPAG240654.553656.240717.553796.	725.	2.7	0.32.	30.0
20	NB OFF RMPAG240717.553796.240749.553904.	725.	2.7	0.32.	30.0
28	NB ON RMP AG240440.553666.240280.553729.	1000.	2.7	0.32.	0
29	NB ON RMP AG240280.553729.240165.553737.	1000.	2.7	0.32.	0
30	NB ON RMP AG240165.553737.239924.553734.	1000.	2.7	0.32.	0
31	NB ON RMP AG239924.553734.239783.553767.	1000.	2.7	0.32.	0
32	NB ON RMP AG239783.553767.239622.553853.	1000.	2.7	0.32.	0
33	NB ON RMP AG239622.553853.239472.553976.	1000.	2.7	0.32.	0
34	NB ON RMP AG239472.553976.239385.554115.	1000.	2.7	0.32.	0
67	NBONRp EL AG240560.553593.240437.553665.	425.	2.7	0.32.0	30.0
21	SB I270 apAG239300.554039.239425.553809.	4050.	3.8	0.56.0	58
22	SB I270 apAG239425.553809.239924.553085.	4050.	3.8	0.64.0	58
23	SB I270 dpAG239924.553085.240256.552627.	4375.	3.8	0.56.0	58
24	SB I270 dpAG240256.552627.240414.552404.	4375.	3.8	0.56.0	58
38	270 ON CirAG239884.552679.239711.552612.	700.	2.7	0.32.	0
39	270 ON CirAG239711.552612.239568.552611.	700.	2.7	0.32.	0
40	270 ON CirAG239568.552611.239478.552655.	700.	2.7	0.32.	0
41	270 ON CirAG239478.552655.239404.552745.	700.	2.7	0.32.	0
42	270 ON CirAG239404.552745.239374.552830.	700.	2.7	0.32.	0
43	270 ON CirAG239374.552830.239373.552933.	700.	2.7	0.32.	0
44	270 ON CirAG239373.552933.239391.553042.	700.	2.7	0.32.	0
45	270 ON CirAG239391.553042.239435.553125.	700.	2.7	0.32.	0
46	270 ON CirAG239435.553125.239519.553196.	700.	2.7	0.32.	0
47	270 ON CirAG239519.553196.239611.553225.	700.	2.7	0.32.	0
48	270 ON CirAG239611.553225.239715.553216.	700.	2.7	0.32.	0

49	1	270	ON	Cir	AG239715.553216.239822.553155.	700.	2.7	0.	32.	S14NB30P.DAT	0
50	1	270	ON	Cir	AG239822.553155.239924.553085.	700.	2.7	0.	32.		0
54	1	270	SB	OFF	AG239275.554022.239370.553840.	975.	2.7	0.	32.		0
55	1	270	SB	OFF	AG239370.553840.239412.553692.	975.	2.7	0.	32.		0
56	1	270	SB	OFF	AG239412.553692.239432.553555.	975.	2.7	0.	32.		0
57	1	270	SB	OFF	AG239432.553555.239424.553391.	975.	2.7	0.	32.		0
58	1	270	SB	OFF	AG239424.553391.239361.553065.	975.	2.7	0.	32.		0
59	1	270	SB	OFF	AG239361.553065.239329.552837.	975.	2.7	0.	32.		0
60	1	270	SBR	OFF	AG239329.552837.239251.552589.	400.	2.7	0.	32.		0
61	1	270	SBL	OFF	AG239329.552837.239363.552674.	575.	2.7	0.	32.		0
68	2	270	SBL	OFF	AG239449.552451.239363.552672.	575.	2.7	0.	32.0	30.0	
68	1	270	SBL	OFF	AG239437.552482.239372.552648.	0.	12.	1			
62	1	EB	118		AG239473.552421.239822.552562.	1900.	10.0	0.	56.		45
63	1	EB	118		AG239822.552562.240096.552772.	1900.	10.0	0.	56.		45
64	1	EB	118		AG240096.552772.240291.552992.	1900.	10.0	0.	56.		45
74	1	118	E NB	RPAG	240290.552993.240416.553217.	1875.	10.0	0.	50.0		45
75	1	118	ET	NBR	PAG240416.553217.240590.553604.	1450.	10.0	0.	40.0		45
72	1	118	EL	NBR	PAG240408.553247.240567.553594.	425.	10.0	0.	32.0		45
72	2	118	EL	NBR	PAG240554.553565.240432.553300.	0.	10.	1			
65	1	118	E NB	DAG	240590.553602.240684.553805.	1450.	10.0	0.	56.		45
66	1	118	E NB	DAG	240684.553805.240752.553909.	1450.	10.0	0.	56.		45
26	1	WBR	NB RP		AG240615.553775.240558.553710.	575.	2.7	0.	32.		45
27	1	WBR	NB RP		AG240558.553710.240440.553666.	575.	2.7	0.	32.		45
70	2	270	SB WB		AG239450.552453.239776.552591.	1850.	10.0	0.	40.0		45
70	1	270	SB WB		AG239471.552462.239743.552577.	0.	20.	2			
51	1	WB	118		AG240534.553609.240460.553444.	2275.	10.0	0.	56.		45
52	1	WB	118		AG240460.553444.240341.553213.	2275.	10.0	0.	56.		45
25	1	118	WALLNR	0AG	240713.553950.240630.553805.	2275.	10.0	0.	56.		45
77	1	118	WTNR	MPAG	240631.553803.240533.553608.	1700.	10.0	0.	40.0		45
77	2	118	WTNR	MPAG	240546.553634.240621.553783.	0.	20.	2			
53	1	WB	118		AG239884.552679.239775.552591.	2250.	10.0	0.	56.		45
35	1	WB	118		AG240341.553213.240251.553037.	2250.	10.0	0.	56.		45
36	1	WB	118		AG240251.553037.240062.552811.	2250.	10.0	0.	56.		45
37	1	WB	118		AG240062.552811.239884.552679.	2250.	10.0	0.	56.		45
1.0	0.4	1000.	0.0Y	5	0 72						

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/18/2006 TIME: 15:51:24.88

RUN: NB30 PM I270/118

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270AP	* 240463.0	552438.0	240018.0	553073.0	*	775.	325. AG	7750.	3.9	.0	56.0	
2. 2	NB OFF Cir*	240018.0	553073.0	239905.0	553307.0	*	260.	334. AG	850.	2.7	.0	32.0	
3. 3	NB OFF Cir*	239905.0	553307.0	239873.0	553442.0	*	139.	347. AG	850.	2.7	.0	32.0	
4. 4	NB OFF Cir*	239873.0	553442.0	239886.0	553533.0	*	92.	8. AG	850.	2.7	.0	32.0	
5. 5	NB OFF Cir*	239886.0	553533.0	239936.0	553617.0	*	98.	31. AG	850.	2.7	.0	32.0	
6. 6	NB OFF Cir*	239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	850.	2.7	.0	32.0	
7. 7	NB OFF Cir*	240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	850.	2.7	.0	32.0	
8. 8	NB OFF Cir*	240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	850.	2.7	.0	32.0	
9. 9	NB OFF Cir*	240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	850.	2.7	.0	32.0	
10. 10	NB OFF Cir*	240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	850.	2.7	.0	32.0	
11. 11	NB OFF Cir*	240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	850.	2.7	.0	32.0	
12. 12	NB OFF Cir*	240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	850.	2.7	.0	32.0	
13. 13	NB 270 dp	* 240018.0	553073.0	239513.0	553797.0	*	883.	325. AG	7175.	3.9	.0	56.0	
14. 14	NB 270 dp	* 239513.0	553797.0	239408.0	554016.0	*	243.	334. AG	7175.	3.9	.0	56.0	
15. 15	NB 270 dp	* 239408.0	554016.0	239367.0	554097.0	*	91.	333. AG	7175.	3.9	.0	56.0	
16. 16	NB OFF RMP*	240719.0	552649.0	240624.0	553323.0	*	681.	352. AG	725.	2.7	.0	32.0	
17. 17	NB OFF RMP*	240624.0	553323.0	240623.0	553484.0	*	161.	360. AG	725.	2.7	.0	32.0	
18. 18	NB OFF RMP*	240623.0	553484.0	240654.0	553656.0	*	175.	10. AG	725.	2.7	.0	32.0	
19. 19	NB OFF RMP*	240654.0	553656.0	240717.0	553796.0	*	154.	24. AG	725.	2.7	.0	32.0	
20. 20	NB OFF RMP*	240717.0	553796.0	240749.0	553904.0	*	113.	17. AG	725.	2.7	.0	32.0	
21. 21	NB ON RMP	* 240440.0	553666.0	240280.0	553729.0	*	172.	291. AG	1000.	2.7	.0	32.0	
22. 22	NB ON RMP	* 240280.0	553729.0	240165.0	553737.0	*	115.	274. AG	1000.	2.7	.0	32.0	
23. 30	NB ON RMP	* 240165.0	553737.0	239924.0	553734.0	*	241.	269. AG	1000.	2.7	.0	32.0	
24. 31	NB ON RMP	* 239924.0	553734.0	239783.0	553767.0	*	145.	283. AG	1000.	2.7	.0	32.0	
25. 32	NB ON RMP	* 239783.0	553767.0	239622.0	553853.0	*	183.	298. AG	1000.	2.7	.0	32.0	
26. 33	NB ON RMP	* 239622.0	553853.0	239472.0	553976.0	*	194.	309. AG	1000.	2.7	.0	32.0	
27. 34	NB ON RMP	* 239472.0	553976.0	239385.0	554115.0	*	164.	328. AG	1000.	2.7	.0	32.0	
28. 67	NBONR EL	* 240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	425.	2.7	.0	32.0	
29. 21	SB I270 ap	* 239300.0	554039.0	239425.0	553809.0	*	262.	151. AG	4050.	3.8	.0	56.0	
30. 22	SB I270 ap	* 239425.0	553809.0	239924.0	553085.0	*	879.	145. AG	4050.	3.8	.0	64.0	
31. 23	SB I270 dp	* 239924.0	553085.0	240256.0	552627.0	*	566.	144. AG	4375.	3.8	.0	56.0	
32. 24	SB I270 dp	* 240256.0	552627.0	240414.0	552404.0	*	273.	145. AG	4375.	3.8	.0	56.0	
33. 38	270 ON Cir*	239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	700.	2.7	.0	32.0	
34. 39	270 ON Cir*	239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	700.	2.7	.0	32.0	
35. 40	270 ON Cir*	239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	700.	2.7	.0	32.0	
36. 41	270 ON Cir*	239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	700.	2.7	.0	32.0	
37. 42	270 ON Cir*	239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	700.	2.7	.0	32.0	
38. 43	270 ON Cir*	239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	700.	2.7	.0	32.0	
39. 44	270 ON Cir*	239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	700.	2.7	.0	32.0	
40. 45	270 ON Cir*	239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	700.	2.7	.0	32.0	
41. 46	270 ON Cir*	239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	700.	2.7	.0	32.0	
42. 47	270 ON Cir*	239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	700.	2.7	.0	32.0	
43. 48	270 ON Cir*	239611.0	553225.0	239715.0	553216.0	*	104.	95. AG	700.	2.7	.0	32.0	
44. 49	270 ON Cir*	239715.0	553216.0	239822.0	553155.0	*	123.	120. AG	700.	2.7	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/18/2006 TIME: 15:51:24.88

RUN: NB30 PM I270/118

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 50	270 ON Cir*	239822.0	553155.0	239924.0	553085.0	*	124.	124. AG	700.	2.7	.0	32.0	
46. 54	270 SB OFF*	239275.0	554022.0	239370.0	553840.0	*	205.	152. AG	975.	2.7	.0	32.0	
47. 55	270 SB OFF*	239370.0	553840.0	239412.0	553692.0	*	154.	164. AG	975.	2.7	.0	32.0	
48. 56	270 SB OFF*	239412.0	553692.0	239432.0	553555.0	*	138.	172. AG	975.	2.7	.0	32.0	
49. 57	270 SB OFF*	239432.0	553555.0	239424.0	553391.0	*	164.	183. AG	975.	2.7	.0	32.0	
50. 58	270 SB OFF*	239424.0	553391.0	239361.0	553065.0	*	332.	191. AG	975.	2.7	.0	32.0	
51. 59	270 SB OFF*	239361.0	553065.0	239329.0	552837.0	*	230.	188. AG	975.	2.7	.0	32.0	
52. 60	270SBR OFF*	239329.0	552837.0	239251.0	552589.0	*	260.	197. AG	400.	2.7	.0	32.0	
53. 61	270SBL OFF*	239329.0	552837.0	239363.0	552674.0	*	167.	168. AG	575.	2.7	.0	32.0	
54. 68	270SBL OFF*	239449.0	552451.0	239363.0	552672.0	*	237.	339. AG	575.	2.7	.0	32.0	
55. 68	270SBL OFF*	239437.0	552482.0	239213.2	553053.4	*	614.	339. AG	49. 100.0	.0	12.0	1.07 31.2	
56. 62	EB 118	* 239473.0	552421.0	239822.0	552562.0	*	376.	68. AG	1900.	10.0	.0	56.0	
57. 63	EB 118	* 239822.0	552562.0	240096.0	552772.0	*	345.	53. AG	1900.	10.0	.0	56.0	
58. 64	EB 118	* 240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	1900.	10.0	.0	56.0	
59. 74	118E NB RP*	240290.0	552993.0	240416.0	553217.0	*	257.	29. AG	1875.	10.0	.0	50.0	
60. 75	118ET NBRP*	240416.0	553217.0	240590.0	553604.0	*	424.	24. AG	1450.	10.0	.0	40.0	
61. 72	118EL NBRP*	240408.0	553247.0	240567.0	553594.0	*	382.	25. AG	425.	10.0	.0	32.0	
62. 72	118EL NBRP*	240554.0	553565.0	239592.9	551477.6	*	2298.	205. AG	8. 100.0	.0	10.0	2.07 116.7	
63. 65	118 E NB D*	240590.0	553602.0	240684.0	553805.0	*	224.	25. AG	1450.	10.0	.0	56.0	
64. 66	118 E NB D*	240684.0	553805.0	240752.0	553909.0	*	124.	33. AG	1450.	10.0	.0	56.0	
65. 26	WBR NB RP	* 240615.0	553775.0	240558.0	553710.0	*	86.	221. AG	575.	2.7	.0	32.0	
66. 27	WBR NB RP	* 240558.0	553710.0	240440.0	553666.0	*	126.	250. AG	575.	2.7	.0	32.0	
67. 70	270SB WB	* 239450.0	552453.0	239776.0	552591.0	*	354.	67. AG	1850.	10.0	.0	40.0	
68. 70	270SB WB	* 239471.0	552462.0	239582.8	552509.3	*	121.	67. AG	49. 100.0	.0	20.0	.83 6.2	
69. 51	WB 118	* 240534.0	553609.0	240460.0	553444.0	*	181.	204. AG	2275.	10.0	.0	56.0	
70. 52	WB 118	* 240460.0	553444.0	240341.0	553213.0	*	260.	207. AG	2275.	10.0	.0	56.0	
71. 25	118WALLNRO*	240713.0	553950.0	240630.0	553805.0	*	167.	210. AG	2275.	10.0	.0	56.0	
72. 77	118 WTRNRP*	240631.0	553803.0	240533.0	553608.0	*	218.	207. AG	1700.	10.0	.0	40.0	
73. 77	118 WTRNRP*	240546.0	553634.0	240574.3	553690.2	*	63.	27. AG	43. 100.0	.0	20.0	.84 3.2	
74. 53	WB 118	* 239884.0	552679.0	239775.0	552591.0	*	140.	231. AG	2250.	10.0	.0	56.0	
75. 35	WB 118	* 240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2250.	10.0	.0	56.0	
76. 36	WB 118	* 240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2250.	10.0	.0	56.0	
77. 37	WB 118	* 240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2250.	10.0	.0	56.0	

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 PM I270/118
Page 1

DATE: 12/18/2006 TIME: 15:51:24.88

S14NB30P.OUT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
55. 68 270SBL OFF*	70	44	2.0	575	1717	29.10	1	3
62. 72 118EL NBRP*	40	4	2.0	425	257	29.10	2	3
68. 70 270SB WB *	70	22	2.0	1850	1770	29.10	1	3
73. 77 118 WTNRMP*	40	11	4.0	1700	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	5.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	5.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	5.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	5.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	5.0	*
6. R8 NB ON RMP	239700.0	553907.0	5.0	*
7. R9 SB OFF RMP	239327.0	553411.0	5.0	*
8. R10 SB OFF RMP	239309.0	553110.0	5.0	*
9. R11 SB OFF RMP	239214.0	552685.0	5.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	5.0	*
11. R13 118 EB	238908.0	552085.0	5.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	5.0	*
13. R15 SB ON RMP	239493.0	552267.0	5.0	*
14. R16 118 NB	240692.0	553517.0	5.0	*
15. R17 118 NB	240743.0	553791.0	5.0	*
16. R17 NB ON RMP	240292.0	553828.0	5.0	*
17. R17 NB ON RMP	240050.0	553809.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 PM I270/118

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.2	.6	.0	.2	.0	.0	.0	.0	.0	.3	.3	.5	.0	.0
5.	.0	.0	.0	.0	.5	.0	.2	.1	.0	.0	.0	.0	.5	.3	.3	.0	.0
10.	.0	.0	.0	.0	.4	.0	.2	.1	.0	.0	.0	.0	.6	.2	.2	.0	.0
15.	.0	.0	.0	.0	.3	.0	.3	.3	.0	.0	.0	.1	.5	.0	.1	.0	.0
20.	.0	.0	.0	.0	.2	.0	.3	.2	.1	.0	.0	.1	.5	.0	.1	.0	.0
25.	.0	.0	.0	.0	.1	.0	.3	.2	.2	.1	.0	.1	.5	.0	.1	.0	.0
30.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.1	.1	.5	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.1	.1	.4	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.0	.1	.7	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.0	.2	.8	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.3	.5	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.3	.4	.3	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.3	.5	.3	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2	.2	.4	.1	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.3	.2	.1	.3	.1	.3	.1	.0	.0	.1	.0
75.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.0	.2	.1	.0	.0	.1	.0
80.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.0	.0	.1	.0	.0	.1	.0
85.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0
90.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0
95.	.0	.0	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.0	.0	.0	.2	.0
100.	.0	.0	.0	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.0	.0	.2	.1
105.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.2	.0
110.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.2	.0
115.	.0	.0	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0	.2	.1
120.	.0	.0	.0	.0	.0	.0	.4	.1	.2	.0	.0	.0	.0	.0	.0	.2	.1
125.	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.2	.2
130.	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2
135.	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
145.	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1
150.	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1
155.	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1
160.	.0	.0	.0	.0	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1
165.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1
170.	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
175.	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
180.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3
185.	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3
190.	.0	.0	.0	.0	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
195.	.0	.0	.0	.1	.1	.4	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2
200.	.0	.0	.0	.1	.2	.4	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2
205.	.0	.0	.1	.1	.5	.4	.0	.0	.0	.0	.0	.0	.1	.4	.1	.3	

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 PM I270/118

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.0	.1	.1	.1	.6	.4	.0	.0	.0	.0	.0	.0	.0	.2	.5	.1	.2
215.	.0	.1	.1	.1	.8	.3	.0	.0	.0	.0	.0	.0	.0	.4	.7	.1	.2
220.	.0	.1	.2	.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.7	.9	.2	.2

S14NB30P.OUT

225.	*	.0	.2	.1	.5	.9	.3	.0	.0	.0	.0	.0	.0	.0	.6	.8	.2	.2
230.	*	.0	.2	.1	.5	.8	.4	.0	.0	.0	.0	.0	.0	.0	.6	.9	.2	.2
235.	*	.0	.2	.1	.6	.8	.4	.0	.0	.0	.0	.0	.0	.0	.6	.8	.2	.2
240.	*	.0	.3	.2	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.5	.8	.2	.2
245.	*	.1	.3	.4	.4	.8	.4	.0	.0	.0	.0	.0	.0	.0	.6	.7	.2	.2
250.	*	.1	.2	.5	.6	.8	.5	.0	.0	.0	.0	.0	.0	.0	.5	.7	.2	.2
255.	*	.2	.4	.4	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.5	.7	.2	.2
260.	*	.2	.4	.4	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.6	.7	.1	.2
265.	*	.3	.4	.4	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.5	.8	.1	.2
270.	*	.3	.5	.5	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.2
275.	*	.3	.5	.5	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.5	.6	.1	.1
280.	*	.5	.4	.4	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.5	.6	.0	.1
285.	*	.3	.5	.4	.3	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.6	.0	.1
290.	*	.3	.4	.4	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.4	.6	.0	.1
295.	*	.5	.5	.4	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.6	.0	.0
300.	*	.6	.4	.4	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.6	.0	.0
305.	*	.5	.4	.3	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.4	.7	.0	.0
310.	*	.3	.3	.2	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.4	.7	.0	.0
315.	*	.2	.3	.2	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0	.0
320.	*	.1	.1	.2	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0	.0
325.	*	.0	.1	.2	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0	.0
330.	*	.0	.2	.3	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0	.0
335.	*	.0	.2	.2	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0	.0
340.	*	.0	.1	.2	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.4	.7	.0	.0
345.	*	.0	.0	.1	.2	.8	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.0	.0
350.	*	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	.2	.4	.6	.0	.0
355.	*	.0	.0	.0	.3	.6	.0	.1	.0	.0	.0	.0	.0	.2	.3	.5	.0	.0
360.	*	.0	.0	.0	.2	.6	.0	.2	.0	.0	.0	.0	.0	.3	.3	.5	.0	.0
MAX	*	.6	.5	.5	.6	1.0	.5	.4	.3	.3	.7	.3	.5	.8	.7	.9	.3	.3
DEGR.	*	300	270	250	235	220	160	120	15	95	70	55	60	45	220	220	155	180

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 220 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 220 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 45 DEGREES FROM REC13.

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/18/2006 TIME: 15:51:24.88

RUN: NB30 PM I270/118

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 300	REC2 270	REC3 250	REC4 235	REC5 220	REC6 160	REC7 120	REC8 15	REC9 95	REC10 70	REC11 55	REC12 60	REC13 45	REC14 220	REC15 220	REC16 155	REC17 180
1	*	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: NB30 PM I270/118

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 300	REC2 270	REC3 250	REC4 235	REC5 220	REC6 160	REC7 120	REC8 15	REC9 95	REC10 70	REC11 55	REC12 60	REC13 45	REC14 220	REC15 220	REC16 155	REC17 180
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

		S14NB30P.OUT															
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	
57	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	
58	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
59	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
60	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
61	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
70	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
75	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
76	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	

										S14B130A.DAT	
S14	B130AM	270&MD	118	SB	OFFRAMP	60.0175.0.0000.000170.30480000	11	1			
R1	I270	NB	OFF	RAMP	240783.	552536.	6.0				
R2	I270	NB	OFF	RAMP	240753.	552813.	6.0				
R3	I270	NB	OFF	RAMP	240729.	553008.	6.0				
R4	I270	NB	OFF	RAMP	240703.	553315.	6.0				
R5	118	EB	OFFICE	PAR	240689.	553665.	6.0				
R8	NB	ON	RMP		239700.	553907.	6.0				
R9	SB	OFF	RMP		239327.	553411.	6.0				
R10	SB	OFF	RMP		239309.	553110.	6.0				
R11	SB	OFF	RMP		239214.	552685.	6.0				
R12	SB	OFF	RMP	TO 11	238972.	552349.	6.0				
R13	118	EB			238908.	552085.	6.0				
R14	118	EB/270	SB	ON	239233.	552251.	6.0				
R15	SB	ON	RMP		239493.	552267.	6.0				
R16	118	NB			240692.	553517.	6.0				
R17	118	NB			240743.	553791.	6.0				
R17	NB	ON	RMP		240292.	553828.	6.0				
R17	NB	ON	RMP		240050.	553809.	6.0				
S14	B130AM					90 1 1					
2	1	MD118	WB	OAG239936.553617.240022.553677.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240022.553677.240115.553699.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG2400115.553699.240208.553680.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240208.553680.240300.553624.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240300.553624.240350.553535.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240350.553535.240375.553374.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240375.553374.240341.553213.			175 2.7	0. 32.	30		
39	1	WB 118		AG240341.553213.240251.553037.			2125 3.1	0. 56.	45		
40	1	WB 118		AG240251.553037.240062.552811.			2125 3.1	0. 56.	45		
42	1	WB 118		AG240062.552811.239884.552679.			2125 3.1	0. 56.	45		
42	1	SB 270	ONRAG239884.552679.239711.552612.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239711.552612.239568.552611.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239568.552611.239478.552655.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239478.552655.239404.552745.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239404.552745.239374.552830.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239374.552830.239373.552933.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239373.552933.239391.553042.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239391.553042.239435.553125.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239435.553125.239519.553196.				200 2.7	0. 32.	0		
42	1	SB 270	ONRAG239519.553196.239611.553225.				200 2.7	0. 32.	0		
70	1	EB 118		AG240096.552772.240291.552992.			425 3.1	0. 56.	45.0		
73	1	NB ON RMP		AG240560.553593.240437.553665.			650 2.7	0.32.0	30.0		
73	1	118 WB ON		AG239936.553618.239909.553525.			650 2.7	0.32.0	30.0		
73	1	118 WB ON		AG239909.553525.239910.553458.			650 2.7	0.32.0	30.0		
73	1	118 WB ON		AG239910.553458.							

S14B130A.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2
60		21		5.0 1450 29.1 1770 3 1	
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1450 2.7 0. 44 30.0
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1450 2.7 0. 44 30.0
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	1425 2.7 0. 44 30.0
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2
60		21		5.0 1425 29.1 1770 3 1	
1		EB 118		AG240093.552773.239833.552576.	2100 3.1 0. 56. 45
1		EB 118		AG239833.552576.239684.552504.	2100 3.1 0. 56. 45
0		EB 118		AG239684.552504.239449.552427.	2100 3.1 0. 56. 45
1		SB 270	GP	AG240540.552105.239972.552908.	6400 4.0 0. 56 62
1		SB 270	GP	AG239972.552908.239451.553631.	6400 4.0 0. 56 62
0		SB 270	GP	AG239451.553631.239273.553926.	6400 4.0 0. 56 62
1		SB 270	ETLAG240595.552117.240153.552752.	1725 4.1 0. 44 63	
0		SB 270	ETLAG240153.552752.239721.553353.	1725 4.1 0. 44 63	
1		SB 270	ETLAG239721.553353.239485.553687.	1725 4.1 0. 44 63	
0		SB 270	ETLAG239485.553687.239322.553959.	1725 4.1 0. 44 63	
1		NB 270	ETLAG239423.553993.239672.553579.	1100 4.1 0. 44 63	
0		NB 270	ETLAG239672.553579.239837.553328.	1100 4.1 0. 44 63	
1		NB 270	ETLAG239837.553328.240165.552874.	1100 4.1 0. 44 63	
0		NB 270	ETLAG240168.552874.240405.552525.	1100 4.1 0. 44 63	
1		NB 270	ETLAG240405.552525.240751.552071.	1100 4.1 0. 44 63	
0		NB 270	GP	AG239485.553999.239785.553497.	2575 4.1 0. 56 64
1		NB 270	GP	AG239785.553497.240196.552920.	2575 4.1 0. 56 64
0		NB 270	GP	AG240196.552920.240779.552121.	2575 4.1 0. 56 65
1		270	NB	ON AG239431.554147.239493.554045.	650 2.7 0. 44 30
0		270	NB	ON AG239493.554045.239603.553929.	650 2.7 0. 44 30
1		270	NB	ON AG239603.553929.239740.553834.	650 2.7 0. 44 30
0		270	NB	ON AG239740.553834.239891.553772.	650 2.7 0. 44 30
1		270	NB	ON AG239891.553772.240069.553741.	650 2.7 0. 44 30
0		270	NB	ON AG240069.553741.240224.553741.	650 2.7 0. 44 30
1		270	NB	ON AG240224.553741.240371.553704.	650 2.7 0. 44 30
0		270	NB	ON AG240371.553704.240440.553673.	650 3.1 0. 56. 45
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1625 3.1 0. 56. 45
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2
40		10		5.0 1625 29.1 1770 3 1	
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	700 3.1 0. 56. 45
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	700 3.1 0. 56. 45
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	2325 3.1 0. 56. 45	
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	1625 3.1 0. 56. 45
1		NB	OFF	RAMAG240764.553897.240683.553768.	675 2.7 0. 32 30
1		NB	OFF	RAMAG240683.553768.240630.553628.	675 2.7 0. 32 30
0		NB	OFF	RAMAG240630.553628.240615.553532.	675 2.7 0. 32 30
1		NB	OFF	RAMAG240615.553532.240612.553395.	675 2.7 0. 32 30
0		NB	OFF	RAMAG240612.553395.240747.552458.	675 2.7 0. 32 30
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	1725 3.1 0. 56. 45
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	1725 3.1 0. 56. 45
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	925 3.1 0. 56. 45
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	425 3.1 0. 56. 45
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1
40		1		4.0 425 29.1 270 3 1	
1.0	54	1000.	0.0Y	5 0 72	

JOB: S14 B130AM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:53:04.57

RUN: S14 B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
1. 2	MD118 WB O*		239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	175.	2.7	.0	32.0		
2. 2	MD118 WB O*		240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	175.	2.7	.0	32.0		
3. 2	MD118 WB O*		240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	175.	2.7	.0	32.0		
4. 2	MD118 WB O*		240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	175.	2.7	.0	32.0		
5. 2	MD118 WB O*		240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	175.	2.7	.0	32.0		
6. 2	MD118 WB O*		240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	175.	2.7	.0	32.0		
7. 2	MD118 WB O*		240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	175.	2.7	.0	32.0		
8.	WB 118	*	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2125.	3.1	.0	56.0		
9. 39	WB 118	*	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2125.	3.1	.0	56.0		
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2125.	3.1	.0	56.0		
11. 42	SB 270 ONR*		239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	200.	2.7	.0	32.0		
12. 42	SB 270 ONR*		239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	200.	2.7	.0	32.0		
13. 42	SB 270 ONR*		239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	200.	2.7	.0	32.0		
14. 42	SB 270 ONR*		239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	200.	2.7	.0	32.0		
15. 42	SB 270 ONR*		239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	200.	2.7	.0	32.0		
16. 42	SB 270 ONR*		239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	200.	2.7	.0	32.0		
17. 42	SB 270 ONR*		239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	200.	2.7	.0	32.0		
18. 42	SB 270 ONR*		239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	200.	2.7	.0	32.0		
19. 42	SB 270 ONR*		239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	200.	2.7	.0	32.0		
20. 42	SB 270 ONR*		239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	200.	2.7	.0	32.0		
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	425.	3.1	.0	56.0		
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	650.	2.7	.0	32.0		
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	650.	2.7	.0	32.0		
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	650.	2.7	.0	32.0		
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	650.	2.7	.0	32.0		
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	650.	2.7	.0	32.0		
27. 73	270 NB OFF*		240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	450.	2.7	.0	32.0		
28. 73	270 NB OFF*		240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	450.	2.7	.0	32.0		
29. 73	W118 SB ON*		239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	450.	2.7	.0	32.0		
30. 73	118 E NB O*		240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	450.	2.7	.0	32.0		
31.	270 SB OFF*		239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	1100.	2.7	.0	32.0		
32. 0	270 SB OFF*		239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	1100.	2.7	.0	32.0		
33. 0	270 SB OFF*		239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	1100.	2.7	.0	32.0		
34. 0	270 SB OFF*		239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	1100.	2.7	.0	32.0		
35. 0	270 SB OFF*		239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	1100.	2.7	.0	32.0		
36. R	270 SB OFF*		239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	425.	2.7	.0	32.0		
37. R	270 SB OFF*		239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	425.	2.7	.0	32.0		
38. L	270 SB OFF*		239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	675.	2.7	.0	44.0		
39. L	SB 270 OFF*		239413.0	552522.0	239379.0	552603.4	*	88.	338. AG	91. 100.0	.0	24.0	.74	4.5	
40. L	270 SB OFF*		239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	675.	2.7	.0	44.0		
41.	270 SB OFF*		239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	425.	2.7	.0	32.0		
42. 0	270 SB OFF*		239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	425.	2.7	.0	32.0		
43. WB	270 SB OFF*		239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1450.	2.7	.0	44.0		
44. WB	270 OFF RA*		239478.0	552477.0	239576.1	552516.4	*	106.	68. AG	55. 100.0	.0	24.0	.77	5.4	

JOB: S14 B130AM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:53:04.57

RUN: S14 B130AM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
				X1	Y1	X2	Y2		(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	WB	270 SB OFF*		239716.0	552573.0	239881.0	552669.0	*	191.	60. AG	1450.	2.7	.0	44.0		
46.	WB	270 SB OFF*		239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1450.	2.7	.0	44.0		
47.	EBT	270 SB OFF*		239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	1425.	2.7	.0	44.0		
48.	EBT	270 OFF RA*		239412.0	552412.0	239316.7	552378.6	*	101.	251. AG	55. 100.0	.0	24.0	.75	5.1	
49.		EB 118	*	240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	2100.	3.1	.0	56.0		
50.	0	EB 118	*	239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	2100.	3.1	.0	56.0		
51.	0	EB 118	*	239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	2100.	3.1	.0	56.0		
52.		SB 270 GP	*	240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	6400.	4.0	.0	56.0		
53.	0	SB 270 GP	*	239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	6400.	4.0	.0	56.0		
54.	0	SB 270 GP	*	239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	6400.	4.0	.0	56.0		
55.	0	SB 270 ETL*		240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	1725.	4.1	.0	44.0		
56.	0	SB 270 ETL*		240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	1725.	4.1	.0	44.0		
57.	0	SB 270 ETL*		239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	1725.	4.1	.0	44.0		
58.	0	SB 270 ETL*		239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	1725.	4.1	.0	44.0		
59.	0	NB 270 ETL*		239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	1100.	4.1	.0	44.0		
60.	0	NB 270 ETL*		239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	1100.	4.1	.0	44.0		
61.	0	NB 270 ETL*		239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	1100.	4.1	.0	44.0		
62.	0	NB 270 ETL*		240168.0	552874.0	240405.0	552525.0	*	422.	146. AG	1100.	4.1	.0	44.0		
63.	0	NB 270 ETL*		240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	1100.	4.1	.0	44.0		
64.	0	NB 270 GP	*	239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	2575.	4.1	.0	56.0		
65.	0	NB 270 GP	*	239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	2575.	4.1	.0	56.0		
66.	0	NB 270 GP	*	240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	2575.	4.1	.0	56.0		
67.	0	270 NB ON	*	239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	650.	2.7	.0	44.0		
68.	0	270 NB ON	*	239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	650.	2.7	.0	44.0		
69.	0	270 NB ON	*	239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	650.	2.7	.0	44.0		
70.	0	270 NB ON	*	239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	650.	2.7	.0	44.0		
71.	0	270 NB ON	*	239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	650.	2.7	.0	44.0		
72.	0	270 NB ON	*	240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	650.	2.7	.0	44.0		
73.	0	270 NB ON	*	240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	650.	2.7	.0	44.0		
74.	0	270 NB ON	*	240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	650.	3.1	.0	56.0		
75.	NB RAMP	WB 118 T	*	240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1625.	3.1	.0	56.0		
76.	NB RAMP	WB 118 T	*	240552.0	553667.0	240583.7	553730.0	*	70.	27. AG	39. 100.0	.0	24.0	.80	3.6	
77.	NB RAMP	WB 118 R	*	240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	700.	3.1	.0	56.0		
78.	NB RAMP	WB 118 R	*	240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	700.	3.1	.0	56.0		
79.	NB RAMP	WB 118 ALL*		240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	2325.	3.1	.0	56.0		
80.	NB RAMP	WB 118 DP	*	240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	1625.	3.1	.0	56.0		

S14B130A.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	675.	2.7	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	675.	2.7	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	675.	2.7	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	675.	2.7	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	675.	2.7	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	1725.	3.1	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	1725.	3.1	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	925.	3.1	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	425.	3.1	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	239692.2	551559.7	*	2197.	203.	AG	2.	100.0	.0	12.0 1.91 111.6

1

JOB: S14 B130AM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:53:04.57

RUN: S14 B130AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	35	7.0	675	1717	29.10	3 1
44. WB	270 OFF RA*	60	21	5.0	1450	1770	29.10	3 1
48. EBT	270 OFF RA*	60	21	5.0	1425	1770	29.10	3 1
76. NB RAMP	WB 118 T *	40	10	5.0	1625	1770	29.10	3 1
90. NB RAMP	EB 118 L *	40	1	4.0	425	270	29.10	3 1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. R1 I270 NB OFF RAMP	240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	6.0	*
6. R8 NB ON RMP	239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	6.0	*
11. R13 118 EB	238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	6.0	*
13. R15 SB ON RMP	239493.0	552267.0	6.0	*
14. R16 118 NB	240692.0	553517.0	6.0	*
15. R17 118 NB	240743.0	553791.0	6.0	*
16. R17 NB ON RMP	240292.0	553828.0	6.0	*
17. R17 NB ON RMP	240050.0	553809.0	6.0	*

1

JOB: S14 B130AM 270&MD 118 SB OFFRAMP

RUN: S14 B130AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.1	.2	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	* .0	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
165.	* .0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
170.	* .0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
175.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
180.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
185.	* .1	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
190.	* .1	.1	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2
195.	* .1	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2

S14B130A.OUT

200.	*	.1	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
205.	*	.1	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
210.	*	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1

1

JOB: S14 B130AM 270&MD 118 SB OFFRAMP

RUN: S14 B130AM

PAGE 5

WIND	ANGLE	CONCENTRATION																
(DEGR)		(PPM)																
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
215.	*	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
220.	*	.2	.2	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
225.	*	.2	.2	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
230.	*	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
235.	*	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
240.	*	.2	.2	.2	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.2
245.	*	.2	.2	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.2
250.	*	.2	.2	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
255.	*	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.3
260.	*	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2
265.	*	.2	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
270.	*	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2
275.	*	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2
280.	*	.2	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2
285.	*	.2	.1	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
290.	*	.2	.2	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
295.	*	.3	.2	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
300.	*	.3	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
305.	*	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
310.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
325.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
330.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
335.	*	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
340.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
345.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
350.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0
355.	*	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.1	.1	.0	.0	.2	.0	.0
360.	*	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.1	.2	.0	.0	.2	.0	.0
365.	*	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.1	.2	.0	.1	.0	.0	.0
MAX	*	.3	.2	.2	.1	.3	.4	.4	.3	.1	.1	.1	.2	.2	.2	.4	.1	.3
DEGR.	*	295	195	195	190	240	165	40	105	15	30	30	15	5	250	240	175	185

THE HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 40 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 240 DEGREES FROM REC15 .

1

JOB: S14 B130AM 270&MD 118 SB OFFRAMP

RUN: S14 B130AM

PAGE 6

DATE: 12/22/2006 TIME: 21:53:04.57

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #		CO/LINK	ANGLE															
		(PPM)	(DEGREES)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
		295	195	195	190	240	165	40	105	15	30	30	15	5	250	240	175	185
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

PAGE 7

JOB: S14 B130AM 270&MD 118 SB OFFRAMP

RUN: S14 B130AM

LINK	#	CO/LINK ANGLE (PPM) (DEGREES)																
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
		295	195	195	190	240	165	40	105	15	30	30	15	5	250	240	175	185
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	**	.1	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
53	*	.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1
54	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	**	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
66	**	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
76	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	**	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S14B130P.DAT

S14	B130PM	270&MD 118	SB OFFRAMP	60.0175.0.0000.000170.30480000	11	1
R1	I270	NB OFF RAMP	240783.	552536.	6.0	
R2	I270	NB OFF RAMP	240753.	552813.	6.0	
R3	I270	NB OFF RAMP	240729.	553008.	6.0	
R4	I270	NB OFF RAMP	240703.	553315.	6.0	
R5	118	EB OFFICE PAR	240689.	553665.	6.0	
R8	NB ON RMP		239700.	553907.	6.0	
R9	SB OFF RMP		239327.	553411.	6.0	
R10	SB OFF RMP		239309.	553110.	6.0	
R11	SB OFF RMP		239214.	552685.	6.0	
R12	SB OFF RMP TO 11		238972.	552349.	6.0	
R13	118	EB	238908.	552085.	6.0	
R14	118	EB/270 SB ON	239233.	552251.	6.0	
R15	SB ON RMP		239493.	552267.	6.0	
R16	118	NB	240692.	553517.	6.0	
R17	118	NB	240743.	553791.	6.0	
R17	NB ON RMP		240292.	553828.	6.0	
R17	NB ON RMP		240050.	553809.	6.0	
S14	B130PM			90	1	1

2		MD118	WB	OAG239936.553617.240022.553677.	125	2.7	0.	32.	30
2		MD118	WB	OAG240022.553677.240115.553699.	125	2.7	0.	32.	30
2		MD118	WB	OAG240115.553699.240208.553680.	125	2.7	0.	32.	30
2		MD118	WB	OAG240208.553680.240300.553624.	125	2.7	0.	32.	30
2		MD118	WB	OAG240300.553624.240350.553535.	125	2.7	0.	32.	30
2		MD118	WB	OAG240350.553535.240375.553374.	125	2.7	0.	32.	30
2		MD118	WB	OAG240375.553374.240341.553213.	125	2.7	0.	32.	30
1		WB 118		AG240341.553213.240251.553037.	1525	3.1	0.	56.	45
39		WB 118		AG240251.553037.240062.552811.	1525	3.1	0.	56.	45
40		WB 118		AG240062.552811.239884.552679.	1525	3.1	0.	56.	45
42		SB 270	ONRAG239884.552679.239711.552612.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239711.552612.239568.552611.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239568.552611.239478.552655.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239478.552655.239404.552745.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239404.552745.239374.552830.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239374.552830.239373.552933.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239373.552933.239391.553042.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239391.553042.239435.553125.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239435.553125.239519.553196.	375	2.7	0.	32.	0	
42		SB 270	ONRAG239519.553196.239611.553225.	375	2.7	0.	32.	0	
70		EB 118		AG240096.552772.240291.552992.	425	3.1	0.	56.	45
73		NB ON RMP	AG240560.553593.240437.553665.	250	2.7	0.32.0	30.0		
73		118	WB ON	AG239936.553618.239909.553525.	250	2.7	0.32.0	30.0	
73		118	WB ON	AG239909.553525.239910.553458.	250	2.7	0.32.0	30.0	
73		118	WB ON	AG239910.553458.239939.553363.	250	2.7	0.32.0	30.0	
73		118	WB ON	AG239939.553363.240041.553209.	250	2.7	0.32.0	30.0	
73		270	NB OFFAG240041.553209.240285.552838.	200	2.7	0.32.0	30.0		
73		270	NB OFFAG240285.552837.240703.552233.	200	2.7	0.32.0	30.0		
73		W118	SB ONAG239611.553224.239764.553163.	200	2.7	0.32.0	30.0		
73		118	E NB OAG240385.553159.240291.552988.	200	2.7	0.32.0	30.0		
1		270	SB OFFAG239252.553920.239339.553723.	500	2.7	0.	32	30.0	
0		270	SB OFFAG239339.553723.239380.553553.	500	2.7	0.	32	30.0	
0		270	SB OFFAG239380.553553.239397.553339.	550	2.7	0.	32	30.0	
0		270	SB OFFAG239397.553339.239386.553199.	550	2.7	0.	32	30.0	
0		270	SB OFFAG239386.553199.239322.552844.	550	2.7	0.	32	30.0	
R		270	SB OFFAG239237.552595.239278.552709.	550	2.7	0.	32	30.0	
R		270	SB OFFAG239278.552709.239310.552847.	550	2.7	0.	32	30.0	
L		270	SB OFFAG239440.552453.239355.552664.	550	2.7	0.	44	30.0	
L	2	SB 270	OFFAG239413.552522.239363.552645.	0.	24.	2			
60	22		7.0 550 29.1 1717 3 1						
L	1	270	SB OFFAG239355.552664.239323.552845.	550	2.7	0.	44	30.0	
1		270	SB OFFAG239033.552327.239167.552465.	550	2.7	0.	32	30.0	
0		270	SB OFFAG239167.552465.239238.552592.	550	2.7	0.	32	30.0	
WB	1	270	SB OFFAG239437.552461.239716.552573.	1500	2.7	0.	44	30.0	

S14B130P.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2	
60		22		5.0 1500 29.1 1770 3 1		
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1500 2.7 0. 44 30.0	
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1500 2.7 0. 44 30.0	
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	1275 2.7 0. 44 30.0	
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2	
60		22		5.0 1275 29.1 1770 3 1		
1		EB 118		AG240093.552773.239833.552576.	1825 3.1 0. 56. 45	
1		EB 118		AG239833.552576.239684.552504.	1825 3.1 0. 56. 45	
0		EB 118		AG239684.552504.239449.552427.	1825 3.1 0. 56. 45	
1		SB 270	GP	AG240540.552105.239972.552908.	3150 4.0 0. 56 62	
1		SB 270	GP	AG239972.552908.239451.553631.	3150 4.0 0. 56 62	
0		SB 270	GP	AG239451.553631.239273.553926.	3150 4.0 0. 56 62	
1		SB 270	ETLAG240595.552117.240153.552752.	925 4.1 0. 44 63		
0		SB 270	ETLAG240153.552752.239721.553353.	925 4.1 0. 44 63		
1		SB 270	ETLAG239721.553353.239485.553687.	925 4.1 0. 44 63		
0		SB 270	ETLAG239485.553687.239322.553959.	925 4.1 0. 44 63		
1		NB 270	ETLAG239423.553993.239672.553579.	2450 4.1 0. 44 63		
0		NB 270	ETLAG239672.553579.239837.553328.	2450 4.1 0. 44 63		
1		NB 270	ETLAG239837.553328.240165.552874.	2450 4.1 0. 44 63		
0		NB 270	ETLAG240168.552874.240405.552525.	2450 4.1 0. 44 63		
1		NB 270	ETLAG240405.552525.240751.552071.	2450 4.1 0. 44 63		
0		NB 270	GP	AG239485.553999.239785.553497.	5275 4.1 0. 56 64	
1		NB 270	GP	AG239785.553497.240196.552920.	5275 4.1 0. 56 64	
0		NB 270	GP	AG240196.552920.240779.552121.	5275 4.1 0. 56 64	
1		270	NB	ON AG239431.554147.239493.554045.	250 2.7 0. 44 30	
0		270	NB	ON AG239493.554045.239603.553929.	250 2.7 0. 44 30	
1		270	NB	ON AG239603.553929.239740.553834.	250 2.7 0. 44 30	
0		270	NB	ON AG239740.553834.239891.553772.	250 2.7 0. 44 30	
1		270	NB	ON AG239891.553772.240069.553741.	250 2.7 0. 44 30	
0		270	NB	ON AG240069.553741.240224.553741.	250 2.7 0. 44 30	
1		270	NB	ON AG240224.553741.240371.553704.	250 2.7 0. 44 30	
0		270	NB	ON AG240371.553704.240440.553673.	250 2.7 0. 44 30	
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1350 3.1 0. 56. 45	
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2	
40		12		5.0 1350 29.1 1770 3 1		
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	525 3.1 0. 56. 45	
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	525 3.1 0. 56. 45	
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	1875 3.1 0. 56. 45		
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2225 3.1 0. 56. 45	
1		NB	OFF	RAMAG240764.553897.240683.553768.	125 2.7 0. 32 30	
1		NB	OFF	RAMAG240683.553768.240630.553628.	125 2.7 0. 32 30	
0		NB	OFF	RAMAG240630.553628.240615.553532.	125 2.7 0. 32 30	
1		NB	OFF	RAMAG240615.553532.240612.553395.	125 2.7 0. 32 30	
0		NB	OFF	RAMAG240612.553395.240747.552458.	125 2.7 0. 32 30	
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	2075 3.1 0. 56. 45	
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	2075 3.1 0. 56. 45	
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	1400 3.1 0. 56. 45	
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	425 3.1 0. 56. 45	
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1	
40		1		4.0 425 29.1 275 3 1		
1.0	54	1000.	0.0Y	5 0 72		

JOB: S14 B130PM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:54:25.97

RUN: S14 B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 2	MD118 WB	O*	239936.0	553617.0	240022.0	553677.0	105.	55. AG	125.	2.7	.0	32.0		
2. 2	MD118 WB	O*	240022.0	553677.0	240115.0	553699.0	96.	77. AG	125.	2.7	.0	32.0		
3. 2	MD118 WB	O*	240115.0	553699.0	240208.0	553680.0	95.	102. AG	125.	2.7	.0	32.0		
4. 2	MD118 WB	O*	240208.0	553680.0	240300.0	553624.0	108.	121. AG	125.	2.7	.0	32.0		
5. 2	MD118 WB	O*	240300.0	553624.0	240350.0	553535.0	102.	151. AG	125.	2.7	.0	32.0		
6. 2	MD118 WB	O*	240350.0	553535.0	240375.0	553374.0	163.	171. AG	125.	2.7	.0	32.0		
7. 2	MD118 WB	O*	240375.0	553374.0	240341.0	553213.0	165.	192. AG	125.	2.7	.0	32.0		
8. 39	WB 118	*	240341.0	553213.0	240251.0	553037.0	198.	207. AG	1525.	3.1	.0	56.0		
9. 40	WB 118	*	240251.0	553037.0	240062.0	552811.0	295.	220. AG	1525.	3.1	.0	56.0		
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	222.	233. AG	1525.	3.1	.0	56.0		
11. 42	SB 270 ONR*		239884.0	552679.0	239711.0	552612.0	186.	249. AG	375.	2.7	.0	32.0		
12. 42	SB 270 ONR*		239711.0	552612.0	239568.0	552611.0	143.	270. AG	375.	2.7	.0	32.0		
13. 42	SB 270 ONR*		239568.0	552611.0	239478.0	552655.0	100.	296. AG	375.	2.7	.0	32.0		
14. 42	SB 270 ONR*		239478.0	552655.0	239404.0	552745.0	116.	321. AG	375.	2.7	.0	32.0		
15. 42	SB 270 ONR*		239404.0	552745.0	239374.0	552830.0	90.	341. AG	375.	2.7	.0	32.0		
16. 42	SB 270 ONR*		239374.0	552830.0	239373.0	552933.0	103.	359. AG	375.	2.7	.0	32.0		
17. 42	SB 270 ONR*		239373.0	552933.0	239391.0	553042.0	110.	9. AG	375.	2.7	.0	32.0		
18. 42	SB 270 ONR*		239391.0	553042.0	239435.0	553125.0	94.	28. AG	375.	2.7	.0	32.0		
19. 42	SB 270 ONR*		239435.0	553125.0	239519.0	553196.0	110.	50. AG	375.	2.7	.0	32.0		
20. 42	SB 270 ONR*		239519.0	553196.0	239611.0	553225.0	96.	72. AG	375.	2.7	.0	32.0		
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	294.	42. AG	425.	3.1	.0	56.0		
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	143.	300. AG	250.	2.7	.0	32.0		
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	97.	196. AG	250.	2.7	.0	32.0		
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	67.	179. AG	250.	2.7	.0	32.0		
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	99.	163. AG	250.	2.7	.0	32.0		
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	185.	146. AG	250.	2.7	.0	32.0		
27. 73	270 NB OFF*		240041.0	553209.0	240285.0	552838.0	444.	147. AG	200.	2.7	.0	32.0		
28. 73	270 NB OFF*		240285.0	552837.0	240703.0	552233.0	735.	145. AG	200.	2.7	.0	32.0		
29. 73	W118 SB ON*		239611.0	553224.0	239764.0	553163.0	165.	112. AG	200.	2.7	.0	32.0		
30. 73	118 E NB O*		240385.0	553159.0	240291.0	552988.0	195.	209. AG	200.	2.7	.0	32.0		
31. 0	270 SB OFF*		239252.0	553920.0	239339.0	553723.0	215.	156. AG	500.	2.7	.0	32.0		
32. 0	270 SB OFF*		239339.0	553723.0	239380.0	553553.0	175.	166. AG	500.	2.7	.0	32.0		
33. 0	270 SB OFF*		239380.0	553553.0	239397.0	553339.0	215.	175. AG	550.	2.7	.0	32.0		
34. 0	270 SB OFF*		239397.0	553339.0	239386.0	553199.0	140.	184. AG	550.	2.7	.0	32.0		
35. 0	270 SB OFF*		239386.0	553199.0	239322.0	552844.0	361.	190. AG	550.	2.7	.0	32.0		
36. R	270 SB OFF*		239237.0	552595.0	239278.0	552709.0	121.	20. AG	550.	2.7	.0	32.0		
37. R	270 SB OFF*		239278.0	552709.0	239310.0	552847.0	142.	13. AG	550.	2.7	.0	32.0		
38. L	270 SB OFF*		239440.0	552453.0	239355.0	552664.0	227.	338. AG	550.	2.7	.0	44.0		
39. L	SB 270 OFF*		239413.0	552522.0	239400.6	552552.7	33.	338. AG	57. 100.0	.0	24.0	.33	1.7	
40. L	270 SB OFF*		239355.0	552664.0	239323.0	552845.0	184.	350. AG	550.	2.7	.0	44.0		
41. 0	270 SB OFF*		239033.0	552327.0	239167.0	552465.0	192.	44. AG	550.	2.7	.0	32.0		
42. 0	270 SB OFF*		239167.0	552465.0	239238.0	552592.0	146.	29. AG	550.	2.7	.0	32.0		
43. WB	270 SB OFF*		239437.0	552461.0	239716.0	552573.0	301.	68. AG	1500.	2.7	.0	44.0		
44. WB	270 OFF RA*		239478.0	552477.0	239593.4	552523.3	124.	68. AG	57. 100.0	.0	24.0	.82	6.3	

JOB: S14 B130PM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:54:25.97

RUN: S14 B130PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. WB	270 SB OFF*		239716.0	552573.0	239881.0	552669.0	191.	60. AG	1500.	2.7	.0	44.0		
46. WB	270 SB OFF*		239188.0	552379.0	239440.0	552469.0	268.	70. AG	1500.	2.7	.0	44.0		
47. EBT	270 SB OFF*		239451.0	552425.0	239185.0	552332.0	282.	251. AG	1275.	2.7	.0	44.0		
48. EBT	270 OFF RA*		239412.0	552412.0	239330.2	552383.3	87.	251. AG	57. 100.0	.0	24.0	.70	4.4	
49. 0	EB 118	*	240093.0	552773.0	239833.0	552576.0	326.	233. AG	1825.	3.1	.0	56.0		
50. 0	EB 118	*	239833.0	552576.0	239684.0	552504.0	165.	244. AG	1825.	3.1	.0	56.0		
51. 0	EB 118	*	239684.0	552504.0	239449.0	552427.0	247.	252. AG	1825.	3.1	.0	56.0		
52. 0	SB 270 GP	*	240540.0	552105.0	239972.0	552908.0	984.	325. AG	3150.	4.0	.0	56.0		
53. 0	SB 270 GP	*	239972.0	552908.0	239451.0	553631.0	891.	324. AG	3150.	4.0	.0	56.0		
54. 0	SB 270 GP	*	239451.0	553631.0	239273.0	553926.0	345.	329. AG	3150.	4.0	.0	56.0		
55. 0	SB 270 ETL*		240595.0	552117.0	240153.0	552752.0	774.	325. AG	925.	4.1	.0	44.0		
56. 0	SB 270 ETL*		240153.0	552752.0	239721.0	553353.0	740.	324. AG	925.	4.1	.0	44.0		
57. 0	SB 270 ETL*		239721.0	553353.0	239485.0	553687.0	409.	325. AG	925.	4.1	.0	44.0		
58. 0	SB 270 ETL*		239485.0	553687.0	239322.0	553959.0	317.	329. AG	925.	4.1	.0	44.0		
59. 0	NB 270 ETL*		239423.0	553993.0	239672.0	553579.0	483.	149. AG	2450.	4.1	.0	44.0		
60. 0	NB 270 ETL*		239672.0	553579.0	239837.0	553328.0	300.	147. AG	2450.	4.1	.0	44.0		
61. 0	NB 270 ETL*		239837.0	553328.0	240165.0	552874.0	560.	144. AG	2450.	4.1	.0	44.0		
62. 0	NB 270 ETL*		240165.0	552874.0	240405.0	552525.0	422.	146. AG	2450.	4.1	.0	44.0		
63. 0	NB 270 ETL*		240405.0	552525.0	240751.0	552071.0	571.	143. AG	2450.	4.1	.0	44.0		
64. 0	NB 270 GP	*	239485.0	553999.0	239785.0	553497.0	585.	149. AG	5275.	4.1	.0	56.0		
65. 0	NB 270 GP	*	239785.0	553497.0	240196.0	552920.0	708.	145. AG	5275.	4.1	.0	56.0		
66. 0	NB 270 GP	*	240196.0	552920.0	240779.0	552121.0	989.	144. AG	5275.	4.1	.0	56.0		
67. 0	270 NB ON	*	239431.0	554147.0	239493.0	554045.0	119.	149. AG	250.	2.7	.0	44.0		
68. 0	270 NB ON	*	239493.0	554045.0	239603.0	553929.0	160.	137. AG	250.	2.7	.0	44.0		
69. 0	270 NB ON	*	239603.0	553929.0	239740.0	553834.0	167.	125. AG	250.	2.7	.0	44.0		
70. 0	270 NB ON	*	239740.0	553834.0	239891.0	553772.0	163.	112. AG	250.	2.7	.0	44.0		
71. 0	270 NB ON	*	239891.0	553772.0	240069.0	553741.0	181.	100. AG	250.	2.7	.0	44.0		
72. 0	270 NB ON	*	240069.0	553741.0	240224.0	553741.0	155.	90. AG	250.	2.7	.0	44.0		
73. 0	270 NB ON	*	240224.0	553741.0	240371.0	553704.0	152.	104. AG	250.	2.7	.0	44.0		
74. 0	270 NB ON	*	240371.0	553704.0	240440.0	553673.0	76.	114. AG	250.	2.7	.0	44.0		
75. NB RAMP	WB 118 T	*	240537.0	553638.0	240636.0	553834.0	220.	27. AG	1350.	3.1	.0	56.0		
76. NB RAMP	WB 118 T	*	240552.0	553667.0	240577.5	553717.6	57.	27. AG	47. 100.0	.0	24.0	.73	2.9	
77. NB RAMP	WB 118 R	*	240433.0	553683.0	240522.0	553700.0	91.	79. AG	525.	3.1	.0	56.0		
78. NB RAMP	WB 118 R	*	240522.0	553700.0	240624.0	553830.0	165.	38. AG	525.	3.1	.0	56.0		
79. NB RAMP	WB 118 ALL*		240638.0	553838.0	240752.0	554045.0	236.	29. AG	1875.	3.1	.0	56.0		
80. NB RAMP	WB 118 DP	*	240350.0	553217.0	240537.0	553640.0	462.	24. AG	2225.	3.1	.0	56.0		

S14B130P.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	125.	2.7	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	125.	2.7	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	125.	2.7	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	125.	2.7	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	125.	2.7	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	2075.	3.1	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	2075.	3.1	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	1400.	3.1	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	425.	3.1	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	239708.2	551597.6	*	2156.	203.	AG	2.	100.0	.0	12.0 1.88 109.5

1

JOB: S14 B130PM 270&MD 118 SB OFFRAMP
DATE: 12/22/2006 TIME: 21:54:25.97

RUN: S14 B130PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	22	7.0	550	1717	29.10	3 1
44. WB	270 OFF RA*	60	22	5.0	1500	1770	29.10	3 1
48. EBT	270 OFF RA*	60	22	5.0	1275	1770	29.10	3 1
76. NB RAMP	WB 118 T *	40	12	5.0	1350	1770	29.10	3 1
90. NB RAMP	EB 118 L *	40	1	4.0	425	275	29.10	3 1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. R1 I270 NB OFF RAMP	* 240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	* 240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	* 240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	* 240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	* 240689.0	553665.0	6.0	*
6. R8 NB ON RMP	* 239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	* 239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	* 239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	* 239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	* 238972.0	552349.0	6.0	*
11. R13 118 EB	* 238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	* 239233.0	552251.0	6.0	*
13. R15 SB ON RMP	* 239493.0	552267.0	6.0	*
14. R16 118 NB	* 240692.0	553517.0	6.0	*
15. R17 118 NB	* 240743.0	553791.0	6.0	*
16. R17 NB ON RMP	* 240292.0	553828.0	6.0	*
17. R17 NB ON RMP	* 240050.0	553809.0	6.0	*

1

JOB: S14 B130PM 270&MD 118 SB OFFRAMP

RUN: S14 B130PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
160.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
165.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
170.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
175.	* .1	.1	.1	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
180.	* .1	.1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
185.	* .1	.1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
190.	* .2	.1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
195.	* .3	.1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1

200. * .3 .1 .1 .1 .1 .5 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
 205. * .3 .2 .1 .1 .1 .5 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
 210. * .3 .2 .1 .1 .1 .5 .0 .0 .0 .0 .0 .0 .1 .0 .1 .2

1

JOB: S14 B130PM 270&MD 118 SB OFFRAMP

RUN: S14 B130PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
215.	.3	.2	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2
220.	.4	.2	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.3
225.	.4	.2	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2
230.	.4	.2	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
235.	.4	.2	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2
240.	.4	.2	.1	.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
245.	.4	.2	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1
250.	.4	.2	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
255.	.4	.2	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
260.	.4	.2	.2	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.1
265.	.3	.2	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
270.	.3	.1	.1	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1
275.	.3	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1
280.	.4	.2	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1
285.	.4	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1
290.	.4	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1
295.	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
300.	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
305.	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
310.	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
325.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
330.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
335.	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
340.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
345.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
350.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
355.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
365.	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
MAX	.4	.2	.2	.2	.4	.5	.4	.2	.1	.0	.0	.2	.2	.3	.4	.1	.3
DEGR.	220	205	260	290	240	170	30	25	20	5	5	40	20	235	245	165	220

THE HIGHEST CONCENTRATION IS .50 PPM AT 170 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 220 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 240 DEGREES FROM REC5 .

1

JOB: S14 B130PM 270&MD 118 SB OFFRAMP

RUN: S14 B130PM

PAGE 6

DATE: 12/22/2006 TIME: 21:54:25.97

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S14B130P.OUT

JOB: S14 B130PM 270&MD 118 SB OFFRAMP

RUN: S14 B130PM

PAGE 7

		CO/LINK (PPM) ANGLE (DEGREES)																
LINK #	*	REC1 220	REC2 205	REC3 260	REC4 290	REC5 240	REC6 170	REC7 30	REC8 25	REC9 20	REC10 5	REC11 5	REC12 40	REC13 20	REC14 235	REC15 245	REC16 165	REC17 220
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.1	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
65	*	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1
66	*	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

S14B230A.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2	
60		22		5.0 1375 29.1 1770 3 1		
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1375 2.7 0. 44 30.0	
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1375 2.7 0. 44 30.0	
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	700 2.7 0. 44 30.0	
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2	
60		22		5.0 700 29.1 1770 3 1		
1		EB 118		AG240093.552773.239833.552576.	2100 3.1 0. 56. 45	
1		EB 118		AG239833.552576.239684.552504.	2100 3.1 0. 56. 45	
0		EB 118		AG239684.552504.239449.552427.	2100 3.1 0. 56. 45	
1		SB 270	GP	AG240540.552105.239972.552908.	5450 4.0 0. 56 62	
1		SB 270	GP	AG239972.552908.239451.553631.	5450 4.0 0. 56 62	
0		SB 270	GP	AG239451.553631.239273.553926.	5450 4.0 0. 56 62	
1		SB 270	ETLAG240595.552117.240153.552752.	2150 3.9 0. 44 60		
0		SB 270	ETLAG240153.552752.239721.553353.	2150 3.9 0. 44 60		
1		SB 270	ETLAG239721.553353.239485.553687.	2150 3.9 0. 44 60		
0		SB 270	ETLAG239485.553687.239322.553959.	2150 3.9 0. 44 60		
1		NB 270	ETLAG239423.553993.239672.553579.	1150 3.9 0. 44 60		
0		NB 270	ETLAG239672.553579.239837.553328.	1150 3.9 0. 44 60		
1		NB 270	ETLAG239837.553328.240165.552874.	1150 3.9 0. 44 60		
0		NB 270	ETLAG240168.552874.240405.552525.	1150 3.9 0. 44 60		
1		NB 270	ETLAG240405.552525.240751.552071.	1150 3.9 0. 44 60		
0		NB 270	GP	AG239485.553999.239785.553497.	2475 4.1 0. 56 64	
1		NB 270	GP	AG239785.553497.240196.552920.	2475 4.1 0. 56 64	
0		NB 270	GP	AG240196.552920.240779.552121.	2475 4.1 0. 56 65	
1		270	NB	ON AG239431.554147.239493.554045.	675 2.7 0. 44 30	
0		270	NB	ON AG239493.554045.239603.553929.	675 2.7 0. 44 30	
1		270	NB	ON AG239603.553929.239740.553834.	675 2.7 0. 44 30	
0		270	NB	ON AG239740.553834.239891.553772.	675 2.7 0. 44 30	
1		270	NB	ON AG239891.553772.240069.553741.	675 2.7 0. 44 30	
0		270	NB	ON AG240069.553741.240224.553741.	675 2.7 0. 44 30	
1		270	NB	ON AG240224.553741.240371.553704.	675 2.7 0. 44 30	
0		270	NB	ON AG240371.553704.240440.553673.	675 3.1 0. 56. 45	
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1650 3.1 0. 56. 45	
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2	
40		11		5.0 1650 29.1 1770 3 1		
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	725 3.1 0. 56. 45	
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	725 3.1 0. 56. 45	
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	2375 3.1 0. 56. 45		
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	1650 3.1 0. 56. 45	
1		NB	OFF	RAMAG240764.553897.240683.553768.	175 2.7 0. 32 30	
1		NB	OFF	RAMAG240683.553768.240630.553628.	175 2.7 0. 32 30	
0		NB	OFF	RAMAG240630.553628.240615.553532.	175 2.7 0. 32 30	
1		NB	OFF	RAMAG240615.553532.240612.553395.	175 2.7 0. 32 30	
0		NB	OFF	RAMAG240612.553395.240747.552458.	175 2.7 0. 32 30	
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	1775 3.1 0. 56. 45	
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	1775 3.1 0. 56. 45	
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	975 3.1 0. 56. 45	
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	425 3.1 0. 56. 45	
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1	
40		1		4.0 425 29.1 265 3 1		
1.0	54	1000.	0.0Y	5 0 72		

JOB: S14 B230AM 270&MD 118 SB OFFRAMP
DATE: 01/19/2007 TIME: 21:13:58.76

RUN: S14 B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 2	MD118 WB O*		239936.0	553617.0	240022.0	553677.0	*	105.	55. AG	175.	2.7	.0	32.0		
2. 2	MD118 WB O*		240022.0	553677.0	240115.0	553699.0	*	96.	77. AG	175.	2.7	.0	32.0		
3. 2	MD118 WB O*		240115.0	553699.0	240208.0	553680.0	*	95.	102. AG	175.	2.7	.0	32.0		
4. 2	MD118 WB O*		240208.0	553680.0	240300.0	553624.0	*	108.	121. AG	175.	2.7	.0	32.0		
5. 2	MD118 WB O*		240300.0	553624.0	240350.0	553535.0	*	102.	151. AG	175.	2.7	.0	32.0		
6. 2	MD118 WB O*		240350.0	553535.0	240375.0	553374.0	*	163.	171. AG	175.	2.7	.0	32.0		
7. 2	MD118 WB O*		240375.0	553374.0	240341.0	553213.0	*	165.	192. AG	175.	2.7	.0	32.0		
8.	WB 118	*	240341.0	553213.0	240251.0	553037.0	*	198.	207. AG	2375.	3.1	.0	56.0		
9. 39	WB 118	*	240251.0	553037.0	240062.0	552811.0	*	295.	220. AG	2375.	3.1	.0	56.0		
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	*	222.	233. AG	2375.	3.1	.0	56.0		
11. 42	SB 270 ONR*		239884.0	552679.0	239711.0	552612.0	*	186.	249. AG	375.	2.7	.0	32.0		
12. 42	SB 270 ONR*		239711.0	552612.0	239568.0	552611.0	*	143.	270. AG	375.	2.7	.0	32.0		
13. 42	SB 270 ONR*		239568.0	552611.0	239478.0	552655.0	*	100.	296. AG	375.	2.7	.0	32.0		
14. 42	SB 270 ONR*		239478.0	552655.0	239404.0	552745.0	*	116.	321. AG	375.	2.7	.0	32.0		
15. 42	SB 270 ONR*		239404.0	552745.0	239374.0	552830.0	*	90.	341. AG	375.	2.7	.0	32.0		
16. 42	SB 270 ONR*		239374.0	552830.0	239373.0	552933.0	*	103.	359. AG	375.	2.7	.0	32.0		
17. 42	SB 270 ONR*		239373.0	552933.0	239391.0	553042.0	*	110.	9. AG	375.	2.7	.0	32.0		
18. 42	SB 270 ONR*		239391.0	553042.0	239435.0	553125.0	*	94.	28. AG	375.	2.7	.0	32.0		
19. 42	SB 270 ONR*		239435.0	553125.0	239519.0	553196.0	*	110.	50. AG	375.	2.7	.0	32.0		
20. 42	SB 270 ONR*		239519.0	553196.0	239611.0	553225.0	*	96.	72. AG	375.	2.7	.0	32.0		
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	*	294.	42. AG	2100.	3.1	.0	56.0		
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	*	143.	300. AG	675.	2.7	.0	32.0		
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	*	97.	196. AG	675.	2.7	.0	32.0		
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	*	67.	179. AG	675.	2.7	.0	32.0		
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	*	99.	163. AG	675.	2.7	.0	32.0		
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	*	185.	146. AG	675.	2.7	.0	32.0		
27. 73	270 NB OFF*		240041.0	553209.0	240285.0	552838.0	*	444.	147. AG	450.	2.7	.0	32.0		
28. 73	270 NB OFF*		240285.0	552837.0	240703.0	552233.0	*	735.	145. AG	450.	2.7	.0	32.0		
29. 73	W118 SB ON*		239611.0	553224.0	239764.0	553163.0	*	165.	112. AG	450.	2.7	.0	32.0		
30. 73	118 E NB O*		240385.0	553159.0	240291.0	552988.0	*	195.	209. AG	450.	2.7	.0	32.0		
31.	270 SB OFF*		239252.0	553920.0	239339.0	553723.0	*	215.	156. AG	975.	2.7	.0	32.0		
32. 0	270 SB OFF*		239339.0	553723.0	239380.0	553553.0	*	175.	166. AG	975.	2.7	.0	32.0		
33. 0	270 SB OFF*		239380.0	553553.0	239397.0	553339.0	*	215.	175. AG	975.	2.7	.0	32.0		
34. 0	270 SB OFF*		239397.0	553339.0	239386.0	553199.0	*	140.	184. AG	975.	2.7	.0	32.0		
35. 0	270 SB OFF*		239386.0	553199.0	239322.0	552844.0	*	361.	190. AG	975.	2.7	.0	32.0		
36. R	270 SB OFF*		239237.0	552595.0	239278.0	552709.0	*	121.	20. AG	700.	2.7	.0	32.0		
37. R	270 SB OFF*		239278.0	552709.0	239310.0	552847.0	*	142.	13. AG	700.	2.7	.0	32.0		
38. L	270 SB OFF*		239440.0	552453.0	239355.0	552664.0	*	227.	338. AG	700.	2.7	.0	44.0		
39. L	SB 270 OFF*		239413.0	552522.0	239380.8	552601.2	*	86.	338. AG	88. 100.0	.0	24.0	.72	4.3	
40. L	270 SB OFF*		239355.0	552664.0	239323.0	552845.0	*	184.	350. AG	700.	2.7	.0	44.0		
41.	270 SB OFF*		239033.0	552327.0	239167.0	552465.0	*	192.	44. AG	700.	2.7	.0	32.0		
42. 0	270 SB OFF*		239167.0	552465.0	239238.0	552592.0	*	146.	29. AG	700.	2.7	.0	32.0		
43. WB	270 SB OFF*		239437.0	552461.0	239716.0	552573.0	*	301.	68. AG	1375.	2.7	.0	44.0		
44. WB	270 OFF RA*		239478.0	552477.0	239572.9	552515.1	*	102.	68. AG	57. 100.0	.0	24.0	.75	5.2	

JOB: S14 B230AM 270&MD 118 SB OFFRAMP
DATE: 01/19/2007 TIME: 21:13:58.76

RUN: S14 B230AM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)			*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
			X1	Y1	X2	Y2		(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	WB	270 SB OFF*	2397116.0	552573.0	239881.0	552669.0	*	191.	60. AG	1375.	2.7	.0	44.0		
46.	WB	270 SB OFF*	239188.0	552379.0	239440.0	552469.0	*	268.	70. AG	1375.	2.7	.0	44.0		
47.	EBT	270 SB OFF*	239451.0	552425.0	239185.0	552332.0	*	282.	251. AG	700.	2.7	.0	44.0		
48.	EBT	270 OFF RA*	239412.0	552412.0	239372.3	552398.1	*	42.	251. AG	57. 100.0	.0	24.0	.38	2.1	
49.		EB 118	*240093.0	552773.0	239833.0	552576.0	*	326.	233. AG	2100.	3.1	.0	56.0		
50.	0	EB 118	*239833.0	552576.0	239684.0	552504.0	*	165.	244. AG	2100.	3.1	.0	56.0		
51.	0	EB 118	*239684.0	552504.0	239449.0	552427.0	*	247.	252. AG	2100.	3.1	.0	56.0		
52.		SB 270 GP	*240540.0	552105.0	239972.0	552908.0	*	984.	325. AG	5450.	4.0	.0	56.0		
53.	0	SB 270 GP	*239972.0	552908.0	239451.0	553631.0	*	891.	324. AG	5450.	4.0	.0	56.0		
54.	0	SB 270 GP	*239451.0	553631.0	239273.0	553926.0	*	345.	329. AG	5450.	4.0	.0	56.0		
55.	0	SB 270 ETL*	*240595.0	552117.0	240153.0	552752.0	*	774.	325. AG	2150.	3.9	.0	44.0		
56.	0	SB 270 ETL*	*240153.0	552752.0	239721.0	553353.0	*	740.	324. AG	2150.	3.9	.0	44.0		
57.	0	SB 270 ETL*	*239721.0	553353.0	239485.0	553687.0	*	409.	325. AG	2150.	3.9	.0	44.0		
58.	0	SB 270 ETL*	*239485.0	553687.0	239322.0	553959.0	*	317.	329. AG	2150.	3.9	.0	44.0		
59.	0	NB 270 ETL*	*239423.0	553993.0	239672.0	553579.0	*	483.	149. AG	1150.	3.9	.0	44.0		
60.	0	NB 270 ETL*	*239672.0	553579.0	239837.0	553328.0	*	300.	147. AG	1150.	3.9	.0	44.0		
61.	0	NB 270 ETL*	*239837.0	553328.0	240165.0	552874.0	*	560.	144. AG	1150.	3.9	.0	44.0		
62.	0	NB 270 ETL*	*240168.0	552874.0	240405.0	552525.0	*	422.	146. AG	1150.	3.9	.0	44.0		
63.	0	NB 270 ETL*	*240405.0	552525.0	240751.0	552071.0	*	571.	143. AG	1150.	3.9	.0	44.0		
64.	0	NB 270 GP	*239485.0	553999.0	239785.0	553497.0	*	585.	149. AG	2475.	4.1	.0	56.0		
65.	0	NB 270 GP	*239785.0	553497.0	240196.0	552920.0	*	708.	145. AG	2475.	4.1	.0	56.0		
66.	0	NB 270 GP	*240196.0	552920.0	240779.0	552121.0	*	989.	144. AG	2475.	4.1	.0	56.0		
67.	0	270 NB ON	*239431.0	554147.0	239493.0	554045.0	*	119.	149. AG	675.	2.7	.0	44.0		
68.	0	270 NB ON	*239493.0	554045.0	239603.0	553929.0	*	160.	137. AG	675.	2.7	.0	44.0		
69.	0	270 NB ON	*239603.0	553929.0	239740.0	553834.0	*	167.	125. AG	675.	2.7	.0	44.0		
70.	0	270 NB ON	*239740.0	553834.0	239891.0	553772.0	*	163.	112. AG	675.	2.7	.0	44.0		
71.	0	270 NB ON	*239891.0	553772.0	240069.0	553741.0	*	181.	100. AG	675.	2.7	.0	44.0		
72.	0	270 NB ON	*240069.0	553741.0	240224.0	553741.0	*	155.	90. AG	675.	2.7	.0	44.0		
73.	0	270 NB ON	*240224.0	553741.0	240371.0	553704.0	*	152.	104. AG	675.	2.7	.0	44.0		
74.	0	270 NB ON	*240371.0	553704.0	240440.0	553673.0	*	76.	114. AG	675.	3.1	.0	56.0		
75.	NB RAMP	WB 118 T	*240537.0	553638.0	240636.0	553834.0	*	220.	27. AG	1650.	3.1	.0	56.0		
76.	NB RAMP	WB 118 T	*240552.0	553667.0	240592.8	553748.0	*	91.	27. AG	43. 100.0	.0	24.0	.85	4.6	
77.	NB RAMP	WB 118 R	*240433.0	553683.0	240522.0	553700.0	*	91.	79. AG	725.	3.1	.0	56.0		
78.	NB RAMP	WB 118 R	*240522.0	553700.0	240624.0	553830.0	*	165.	38. AG	725.	3.1	.0	56.0		
79.	NB RAMP	WB 118 ALL*	*240638.0	553838.0	240752.0	554045.0	*	236.	29. AG	2375.	3.1	.0	56.0		
80.	NB RAMP	WB 118 DP	*240350.0	553217.0	240537.0	553640.0	*	462.	24. AG	1650.	3.1	.0	56.0		

S14B230A.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	175.	2.7	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	175.	2.7	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	175.	2.7	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	175.	2.7	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	175.	2.7	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	1775.	3.1	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	1775.	3.1	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	975.	3.1	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	425.	3.1	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	239676.1	551521.8	*	2238.	203.	AG	2.	100.0	.0	12.0 1.95 113.7

1

JOB: S14 B230AM 270&MD 118 SB OFFRAMP
DATE: 01/19/2007 TIME: 21:13:58.76

RUN: S14 B230AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	34	7.0	700	1717	29.10	3 1
44. WB	270 OFF RA*	60	22	5.0	1375	1770	29.10	3 1
48. EBT	270 OFF RA*	60	22	5.0	700	1770	29.10	3 1
76. NB RAMP	WB 118 T *	40	11	5.0	1650	1770	29.10	3 1
90. NB RAMP	EB 118 L *	40	1	4.0	425	265	29.10	3 1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. R1 I270 NB OFF RAMP	240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	240689.0	553665.0	6.0	*
6. R8 NB ON RMP	239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	238972.0	552349.0	6.0	*
11. R13 118 EB	238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	239233.0	552251.0	6.0	*
13. R15 SB ON RMP	239493.0	552267.0	6.0	*
14. R16 118 NB	240692.0	553517.0	6.0	*
15. R17 118 NB	240743.0	553791.0	6.0	*
16. R17 NB ON RMP	240292.0	553828.0	6.0	*
17. R17 NB ON RMP	240050.0	553809.0	6.0	*

1

JOB: S14 B230AM 270&MD 118 SB OFFRAMP

RUN: S14 B230AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.0	.2	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.2	.0	.3	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.3	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.2	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	* .0	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	* .0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
170.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
175.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
180.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
185.	* .1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
190.	* .1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
195.	* .1	.1	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2

S14B230A.OUT

200.	*	.1	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2
205.	*	.1	.2	.2	.1	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
210.	*	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1

1

JOB: S14 B230AM 270&MD 118 SB OFFRAMP

RUN: S14 B230AM

PAGE 5

WIND * CONCENTRATION																		
ANGLE * (PPM)																		
(DEGR) *		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
215.	*	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
220.	*	.2	.2	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1
225.	*	.2	.2	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
230.	*	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
235.	*	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2
240.	*	.2	.2	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.2
245.	*	.2	.2	.1	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.2
250.	*	.2	.2	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
255.	*	.2	.2	.1	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2
260.	*	.2	.2	.1	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2
265.	*	.2	.2	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2
270.	*	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.2
275.	*	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2
280.	*	.2	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
285.	*	.2	.1	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
290.	*	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
295.	*	.3	.2	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
300.	*	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
305.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
310.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
325.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
330.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
335.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
340.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
345.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
350.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
355.	*	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.1	.0	.2	.0	.0
360.	*	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.0	.2	.0	.2	.0	.0
365.	*	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.0	.2	.0	.1	.0	.0
MAX	*	.3	.2	.2	.1	.3	.4	.4	.2	.1	.1	.0	.1	.2	.2	.4	.1	.3
DEGR.	*	295	200	195	195	240	165	45	15	20	30	5	15	5	245	240	175	185

THE HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 45 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 240 DEGREES FROM REC15 .

1

JOB: S14 B230AM 270&MD 118 SB OFFRAMP

RUN: S14 B230AM

PAGE 6

DATE: 01/19/2007 TIME: 21:13:58.76

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM)																
		ANGLE (DEGREES)																
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
LINK #	*	295	200	195	195	240	165	45	15	20	30	5	15	5	245	240	175	185
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

PAGE 7

Page 4

										S14B230P.DAT	
S14	B230PM	270&MD	118	SB	OFFRAMP	60.0175.0.0000.000170.30480000	11	1			
R1	I270	NB	OFF	RAMP	240783.	552536.	6.0				
R2	I270	NB	OFF	RAMP	240753.	552813.	6.0				
R3	I270	NB	OFF	RAMP	240729.	553008.	6.0				
R4	I270	NB	OFF	RAMP	240703.	553315.	6.0				
R5	118	EB	OFFICE	PAR	240689.	553665.	6.0				
R8	NB	ON	RMP		239700.	553907.	6.0				
R9	SB	OFF	RMP		239327.	553411.	6.0				
R10	SB	OFF	RMP		239309.	553110.	6.0				
R11	SB	OFF	RMP		239214.	552685.	6.0				
R12	SB	OFF	RMP	TO 11	238972.	552349.	6.0				
R13	118	EB			238908.	552085.	6.0				
R14	118	EB/270	SB	ON	239233.	552251.	6.0				
R15	SB	ON	RMP		239493.	552267.	6.0				
R16	118	NB			240692.	553517.	6.0				
R17	118	NB			240743.	553791.	6.0				
R17	NB	ON	RMP		240292.	553828.	6.0				
R17	NB	ON	RMP		240050.	553809.	6.0				
S14	B230PM					90 1 1					
2	1	MD118	WB	OAG239936.553617.240022.553677.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240022.553677.240115.553699.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240115.553699.240208.553680.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240208.553680.240300.553624.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240300.553624.240350.553535.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240350.553535.240375.553374.			175 2.7	0. 32.	30		
2	1	MD118	WB	OAG240375.553374.240341.553213.			175 2.7	0. 32.	30		
39	1	WB 118		AG240341.553213.240251.553037.			1900 3.1	0. 56.	45		
40	1	WB 118		AG240251.553037.240062.552811.			1900 3.1	0. 56.	45		
42	1	WB 118		AG240062.552811.239884.552679.			1900 3.1	0. 56.	45		
42	1	SB 270	ONRAG239884.552679.239711.552612.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239711.552612.239568.552611.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239568.552611.239478.552655.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239478.552655.239404.552745.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239404.552745.239374.552830.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239374.552830.239373.552933.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239373.552933.239391.553042.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239391.553042.239435.553125.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239435.553125.239519.553196.				375 2.7	0. 32.	0		
42	1	SB 270	ONRAG239519.553196.239611.553225.				375 2.7	0. 32.	0		
70	1	EB 118		AG240096.552772.240291.552992.			1900 3.1	0. 56.	45.0		
73	1	NB ON RMP	AG240560.553593.240437.553665.				350 2.7	0.32.0	30.0		
73	1	118 WB ON	AG239936.553618.239909.553525.				350 2.7	0.32.0	30.0		
73	1	118 WB ON	AG239909.553525.239910.553458.				350 2.7	0.32.0	30.0		
73	1	118 WB ON	AG239910.553458.23993								

S14B230P.DAT

2	WB	270	OFF	RAAG239478.552477.239665.552552.	0. 24. 2
60		22		5.0 1500 29.1 1770 3 1	
1	WB	270	SB	OFFAG239716.552573.239881.552669.	1500 2.7 0. 44 30.0
1	WB	270	SB	OFFAG239188.552379.239440.552469.	1500 2.7 0. 44 30.0
1	EBT	270	SB	OFFAG239451.552425.239185.552332.	1300 2.7 0. 44 30.0
2	EBT	270	OFF	RAAG239412.552412.239255.552357.	0. 24. 2
60		22		5.0 1300 29.1 1770 3 1	
1		EB 118		AG240093.552773.239833.552576.	1900 3.1 0. 56. 45
1		EB 118		AG239833.552576.239684.552504.	1900 3.1 0. 56. 45
0		EB 118		AG239684.552504.239449.552427.	1900 3.1 0. 56. 45
1		SB 270	GP	AG240540.552105.239972.552908.	3125 4.2 0. 56 65
1		SB 270	GP	AG239972.552908.239451.553631.	3125 4.2 0. 56 65
0		SB 270	GP	AG239451.553631.239273.553926.	3125 4.2 0. 56 65
1		SB 270	ETLAG240595.552117.240153.552752.	525 4.1 0. 44 63	
0		SB 270	ETLAG240153.552752.239721.553353.	525 4.1 0. 44 63	
1		SB 270	ETLAG239721.553353.239485.553687.	525 4.1 0. 44 63	
0		SB 270	ETLAG239485.553687.239322.553959.	525 4.1 0. 44 63	
1		NB 270	ETLAG239423.553993.239672.553579.	2925 3.9 0. 44 60	
0		NB 270	ETLAG239672.553579.239837.553328.	2925 3.9 0. 44 60	
1		NB 270	ETLAG239837.553328.240165.552874.	2925 3.9 0. 44 60	
0		NB 270	ETLAG240168.552874.240405.552525.	2925 3.9 0. 44 60	
1		NB 270	ETLAG240405.552525.240751.552071.	2925 3.9 0. 44 60	
0		NB 270	GP	AG239485.553999.239785.553497.	4925 4.1 0. 56 64
1		NB 270	GP	AG239785.553497.240196.552920.	4925 4.1 0. 56 64
0		NB 270	GP	AG240196.552920.240779.552121.	4925 4.1 0. 56 65
1		270	NB	ON AG239431.554147.239493.554045.	350 2.7 0. 44 30
0		270	NB	ON AG239493.554045.239603.553929.	350 2.7 0. 44 30
1		270	NB	ON AG239603.553929.239740.553834.	350 2.7 0. 44 30
0		270	NB	ON AG239740.553834.239891.553772.	350 2.7 0. 44 30
1		270	NB	ON AG239891.553772.240069.553741.	350 2.7 0. 44 30
0		270	NB	ON AG240069.553741.240224.553741.	350 2.7 0. 44 30
1		270	NB	ON AG240224.553741.240371.553704.	350 2.7 0. 44 30
0		270	NB	ON AG240371.553704.240440.553673.	350 3.1 0. 56. 45
1	NB RAMP	WB 118	T	AG240537.553638.240636.553834.	1350 3.1 0. 56. 45
2	NB RAMP	WB 118	T	AG240552.553667.240622.553806.	0. 24. 2
40		12		5.0 1350 29.1 1770 3 1	
1	NB RAMP	WB 118	R	AG240433.553683.240522.553700.	550 3.1 0. 56. 45
1	NB RAMP	WB 118	R	AG240522.553700.240624.553830.	550 3.1 0. 56. 45
1	NB RAMP	WB 118	ALLAG240638.553838.240752.554045.	1900 3.1 0. 56. 45	
1	NB RAMP	WB 118	DP	AG240350.553217.240537.553640.	2225 3.1 0. 56. 45
1		NB	OFF	RAMAG240764.553897.240683.553768.	175 2.7 0. 32 30
1		NB	OFF	RAMAG240683.553768.240630.553628.	175 2.7 0. 32 30
0		NB	OFF	RAMAG240630.553628.240615.553532.	175 2.7 0. 32 30
1		NB	OFF	RAMAG240615.553532.240612.553395.	175 2.7 0. 32 30
0		NB	OFF	RAMAG240612.553395.240747.552458.	175 2.7 0. 32 30
1	NB RAMP	EB 118DP		AG240735.553909.240645.553749.	2100 3.1 0. 56. 45
1	NB RAMP	EB 118DP		AG240645.553749.240583.553613.	2100 3.1 0. 56. 45
1	NB RAMP	EB 118T		AG240582.553612.240385.553159.	1425 3.1 0. 56. 45
1	NB RAMP	EB 118L		AG240557.553602.240407.553248.	450 3.1 0. 56. 45
2	NB RAMP	EB 118	L	AG240549.553583.240466.553387.	0. 12. 1
40		1		4.0 450 29.1 279 3 1	
1.0	54	1000.	0.0Y	5 0 72	

JOB: S14 B230PM 270&MD 118 SB OFFRAMP
DATE: 12/27/2006 TIME: 11:00:01.50

RUN: S14 B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	X1	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
				Y1	X2	Y2									
1. 2	MD118 WB	O*	239936.0	553617.0	240022.0	553677.0	*	105.	55.	AG	175.	2.7	.0	32.0	
2. 2	MD118 WB	O*	240022.0	553677.0	240115.0	553699.0	*	96.	77.	AG	175.	2.7	.0	32.0	
3. 2	MD118 WB	O*	240115.0	553699.0	240208.0	553680.0	*	95.	102.	AG	175.	2.7	.0	32.0	
4. 2	MD118 WB	O*	240208.0	553680.0	240300.0	553624.0	*	108.	121.	AG	175.	2.7	.0	32.0	
5. 2	MD118 WB	O*	240300.0	553624.0	240350.0	553535.0	*	102.	151.	AG	175.	2.7	.0	32.0	
6. 2	MD118 WB	O*	240350.0	553535.0	240375.0	553374.0	*	163.	171.	AG	175.	2.7	.0	32.0	
7. 2	MD118 WB	O*	240375.0	553374.0	240341.0	553213.0	*	165.	192.	AG	175.	2.7	.0	32.0	
8.	WB 118	*	240341.0	553213.0	240251.0	553037.0	*	198.	207.	AG	1900.	3.1	.0	56.0	
9. 39	WB 118	*	240251.0	553037.0	240062.0	552811.0	*	295.	220.	AG	1900.	3.1	.0	56.0	
10. 40	WB 118	*	240062.0	552811.0	239884.0	552679.0	*	222.	233.	AG	1900.	3.1	.0	56.0	
11. 42	SB 270 ONR*		239884.0	552679.0	239711.0	552612.0	*	186.	249.	AG	375.	2.7	.0	32.0	
12. 42	SB 270 ONR*		239711.0	552612.0	239568.0	552611.0	*	143.	270.	AG	375.	2.7	.0	32.0	
13. 42	SB 270 ONR*		239568.0	552611.0	239478.0	552655.0	*	100.	296.	AG	375.	2.7	.0	32.0	
14. 42	SB 270 ONR*		239478.0	552655.0	239404.0	552745.0	*	116.	321.	AG	375.	2.7	.0	32.0	
15. 42	SB 270 ONR*		239404.0	552745.0	239374.0	552830.0	*	90.	341.	AG	375.	2.7	.0	32.0	
16. 42	SB 270 ONR*		239374.0	552830.0	239373.0	552933.0	*	103.	359.	AG	375.	2.7	.0	32.0	
17. 42	SB 270 ONR*		239373.0	552933.0	239391.0	553042.0	*	110.	9.	AG	375.	2.7	.0	32.0	
18. 42	SB 270 ONR*		239391.0	553042.0	239435.0	553125.0	*	94.	28.	AG	375.	2.7	.0	32.0	
19. 42	SB 270 ONR*		239435.0	553125.0	239519.0	553196.0	*	110.	50.	AG	375.	2.7	.0	32.0	
20. 42	SB 270 ONR*		239519.0	553196.0	239611.0	553225.0	*	96.	72.	AG	375.	2.7	.0	32.0	
21. 70	EB 118	*	240096.0	552772.0	240291.0	552992.0	*	294.	42.	AG	1900.	3.1	.0	56.0	
22. 73	NB ON RMP	*	240560.0	553593.0	240437.0	553665.0	*	143.	300.	AG	350.	2.7	.0	32.0	
23. 73	118 WB ON	*	239936.0	553618.0	239909.0	553525.0	*	97.	196.	AG	350.	2.7	.0	32.0	
24. 73	118 WB ON	*	239909.0	553525.0	239910.0	553458.0	*	67.	179.	AG	350.	2.7	.0	32.0	
25. 73	118 WB ON	*	239910.0	553458.0	239939.0	553363.0	*	99.	163.	AG	350.	2.7	.0	32.0	
26. 73	118 WB ON	*	239939.0	553363.0	240041.0	553209.0	*	185.	146.	AG	350.	2.7	.0	32.0	
27. 73	270 NB OFF*		240041.0	553209.0	240285.0	552838.0	*	444.	147.	AG	300.	2.7	.0	32.0	
28. 73	270 NB OFF*		240285.0	552837.0	240703.0	552233.0	*	735.	145.	AG	300.	2.7	.0	32.0	
29. 73	W118 SB ON*		239611.0	553224.0	239764.0	553163.0	*	165.	112.	AG	300.	2.7	.0	32.0	
30. 73	118 E NB O*		240385.0	553159.0	240291.0	552988.0	*	195.	209.	AG	300.	2.7	.0	32.0	
31.	270 SB OFF*		239252.0	553920.0	239339.0	553723.0	*	215.	156.	AG	525.	2.7	.0	32.0	
32. 0	270 SB OFF*		239339.0	553723.0	239380.0	553553.0	*	175.	166.	AG	525.	2.7	.0	32.0	
33. 0	270 SB OFF*		239380.0	553553.0	239397.0	553339.0	*	215.	175.	AG	525.	2.7	.0	32.0	
34. 0	270 SB OFF*		239397.0	553339.0	239386.0	553199.0	*	140.	184.	AG	525.	2.7	.0	32.0	
35. 0	270 SB OFF*		239386.0	553199.0	239322.0	552844.0	*	361.	190.	AG	525.	2.7	.0	32.0	
36. R	270 SB OFF*		239237.0	552595.0	239278.0	552709.0	*	121.	20.	AG	300.	2.7	.0	32.0	
37. R	270 SB OFF*		239278.0	552709.0	239310.0	552847.0	*	142.	13.	AG	300.	2.7	.0	32.0	
38. L	270 SB OFF*		239440.0	552453.0	239355.0	552664.0	*	227.	338.	AG	575.	2.7	.0	44.0	
39. L	SB 270 OFF*		239413.0	552522.0	239387.0	552586.0	*	69.	338.	AG	88.	100.0	.0	24.0	.59 3.5
40. L	270 SB OFF*		239355.0	552664.0	239323.0	552845.0	*	184.	350.	AG	575.	2.7	.0	44.0	
41.	270 SB OFF*		239033.0	552327.0	239167.0	552465.0	*	192.	44.	AG	575.	2.7	.0	32.0	
42. 0	270 SB OFF*		239167.0	552465.0	239238.0	552592.0	*	146.	29.	AG	575.	2.7	.0	32.0	
43. WB	270 SB OFF*		239437.0	552461.0	239716.0	552573.0	*	301.	68.	AG	1500.	2.7	.0	44.0	
44. WB	270 OFF RA*		239478.0	552477.0	239593.4	552523.3	*	124.	68.	AG	57.	100.0	.0	24.0	.82 6.3

JOB: S14 B230PM 270&MD 118 SB OFFRAMP
DATE: 12/27/2006 TIME: 11:00:01.50

RUN: S14 B230PM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)			*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
			*	X1	Y1	X2	Y2	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	WB	270 SB OFF*		239716.0	552573.0	239881.0	552669.0	*	191.	60.	AG	1500.	2.7	.0	44.0
46.	WB	270 SB OFF*		239188.0	552379.0	239440.0	552469.0	*	268.	70.	AG	1500.	2.7	.0	44.0
47.	EBT	270 SB OFF*		239451.0	552425.0	239185.0	552332.0	*	282.	251.	AG	1300.	2.7	.0	44.0
48.	EBT	270 OFF RA*		239412.0	552412.0	239326.7	552382.2	*	90.	251.	AG	57.	100.0	.0	24.0
49.		EB 118	*	240093.0	552773.0	239833.0	552576.0	*	326.	233.	AG	1900.	3.1	.0	56.0
50. 0		EB 118	*	239833.0	552576.0	239684.0	552504.0	*	165.	244.	AG	1900.	3.1	.0	56.0
51. 0		EB 118	*	239684.0	552504.0	239449.0	552427.0	*	247.	252.	AG	1900.	3.1	.0	56.0
52.		SB 270 GP	*	240540.0	552105.0	239972.0	552908.0	*	984.	325.	AG	3125.	4.2	.0	56.0
53. 0		SB 270 GP	*	239972.0	552908.0	239451.0	553631.0	*	891.	324.	AG	3125.	4.2	.0	56.0
54. 0		SB 270 GP	*	239451.0	553631.0	239273.0	553926.0	*	345.	329.	AG	3125.	4.2	.0	56.0
55. 0		SB 270 ETL*		240595.0	552117.0	240153.0	552752.0	*	774.	325.	AG	525.	4.1	.0	44.0
56. 0		SB 270 ETL*		240153.0	552752.0	239721.0	553353.0	*	740.	324.	AG	525.	4.1	.0	44.0
57. 0		SB 270 ETL*		239721.0	553353.0	239485.0	553687.0	*	409.	325.	AG	525.	4.1	.0	44.0
58. 0		SB 270 ETL*		239485.0	553687.0	239322.0	553959.0	*	317.	329.	AG	525.	4.1	.0	44.0
59. 0		NB 270 ETL*		239423.0	553993.0	239672.0	553579.0	*	483.	149.	AG	2925.	3.9	.0	44.0
60. 0		NB 270 ETL*		239672.0	553579.0	239837.0	553328.0	*	300.	147.	AG	2925.	3.9	.0	44.0
61. 0		NB 270 ETL*		239837.0	553328.0	240165.0	552874.0	*	560.	144.	AG	2925.	3.9	.0	44.0
62. 0		NB 270 ETL*		240165.0	552874.0	240405.0	552525.0	*	422.	146.	AG	2925.	3.9	.0	44.0
63. 0		NB 270 ETL*		240405.0	552525.0	240751.0	552071.0	*	571.	143.	AG	2925.	3.9	.0	44.0
64. 0		NB 270 GP	*	239485.0	553999.0	239785.0	553497.0	*	585.	149.	AG	4925.	4.1	.0	56.0
65. 0		NB 270 GP	*	239785.0	553497.0	240196.0	552920.0	*	708.	145.	AG	4925.	4.1	.0	56.0
66. 0		NB 270 GP	*	240196.0	552920.0	240779.0	552121.0	*	989.	144.	AG	4925.	4.1	.0	56.0
67. 0		270 NB ON	*	239431.0	554147.0	239493.0	554045.0	*	119.	149.	AG	350.	2.7	.0	44.0
68. 0		270 NB ON	*	239493.0	554045.0	239603.0	553929.0	*	160.	137.	AG	350.	2.7	.0	44.0
69. 0		270 NB ON	*	239603.0	553929.0	239740.0	553834.0	*	167.	125.	AG	350.	2.7	.0	44.0
70. 0		270 NB ON	*	239740.0	553834.0	239891.0	553772.0	*	163.	112.	AG	350.	2.7	.0	44.0
71. 0		270 NB ON	*	239891.0	553772.0	240069.0	553741.0	*	181.	100.	AG	350.	2.7	.0	44.0
72. 0		270 NB ON	*	240069.0	553741.0	240224.0	553741.0	*	155.	90.	AG	350.	2.7	.0	44.0
73. 0		270 NB ON	*	240224.0	553741.0	240371.0	553704.0	*	152.	104.	AG	350.	2.7	.0	44.0
74. 0		270 NB ON	*	240371.0	553704.0	240440.0	553673.0	*	76.	114.	AG	350.	3.1	.0	56.0
75. NB RAMP	WB 118 T	*	240537.0	553638.0	240636.0	553834.0	*	220.	27.	AG	1350.	3.1	.0	56.0	
76. NB RAMP	WB 118 T	*	240552.0	553667.0	240577.5	553717.6	*	57.	27.	AG	47.	100.0	.0	24.0	.73 2.9
77. NB RAMP	WB 118 R	*	240433.0	553683.0	240522.0	553700.0	*	91.	79.	AG	550.	3.1	.0	56.0	
78. NB RAMP	WB 118 R	*	240522.0	553700.0	240624.0	553830.0	*	165.	38.	AG	550.	3.1	.0	56.0	
79. NB RAMP	WB 118 ALL*		240638.0	553838.0	240752.0	554045.0	*	236.	29.	AG	1900.	3.1	.0	56.0	
80. NB RAMP	WB 118 DP	*	240350.0	553217.0	240537.0	553640.0	*	462.	24.	AG	2225.	3.1	.0	56.0	

S14B230P.OUT

81.	NB OFF RAM*	240764.0	553897.0	240683.0	553768.0	*	152.	212.	AG	175.	2.7	.0	32.0	
82.	0	NB OFF RAM*	240683.0	553768.0	240630.0	553628.0	*	150.	201.	AG	175.	2.7	.0	32.0
83.	0	NB OFF RAM*	240630.0	553628.0	240615.0	553532.0	*	97.	189.	AG	175.	2.7	.0	32.0
84.	0	NB OFF RAM*	240615.0	553532.0	240612.0	553395.0	*	137.	181.	AG	175.	2.7	.0	32.0
85.	0	NB OFF RAM*	240612.0	553395.0	240747.0	552458.0	*	947.	172.	AG	175.	2.7	.0	32.0
86.	NB RAMP	EB 118DP	* 240735.0	553909.0	240645.0	553749.0	*	184.	209.	AG	2100.	3.1	.0	56.0
87.	NB RAMP	EB 118DP	* 240645.0	553749.0	240583.0	553613.0	*	149.	204.	AG	2100.	3.1	.0	56.0
88.	NB RAMP	EB 118T	* 240582.0	553612.0	240385.0	553159.0	*	494.	204.	AG	1425.	3.1	.0	56.0
89.	NB RAMP	EB 118L	* 240557.0	553602.0	240407.0	553248.0	*	384.	203.	AG	450.	3.1	.0	56.0
90.	NB RAMP	EB 118 L	* 240549.0	553583.0	239623.8	551398.2	*	2373.	203.	AG	2.	100.0	.0	12.0 1.96 120.5

1

JOB: S14 B230PM 270&MD 118 SB OFFRAMP
DATE: 12/27/2006 TIME: 11:00:01.50

RUN: S14 B230PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
39. L	SB 270 OFF*	60	34	7.0	575	1717	29.10	3 1
44. WB	270 OFF RA*	60	22	5.0	1500	1770	29.10	3 1
48. EBT	270 OFF RA*	60	22	5.0	1300	1770	29.10	3 1
76. NB RAMP	WB 118 T *	40	12	5.0	1350	1770	29.10	3 1
90. NB RAMP	EB 118 L *	40	1	4.0	450	279	29.10	3 1

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. R1 I270 NB OFF RAMP	* 240783.0	552536.0	6.0	*
2. R2 I270 NB OFF RAMP	* 240753.0	552813.0	6.0	*
3. R3 I270 NB OFF RAMP	* 240729.0	553008.0	6.0	*
4. R4 I270 NB OFF RAMP	* 240703.0	553315.0	6.0	*
5. R5 118 EB OFFICE PAR	* 240689.0	553665.0	6.0	*
6. R8 NB ON RMP	* 239700.0	553907.0	6.0	*
7. R9 SB OFF RMP	* 239327.0	553411.0	6.0	*
8. R10 SB OFF RMP	* 239309.0	553110.0	6.0	*
9. R11 SB OFF RMP	* 239214.0	552685.0	6.0	*
10. R12 SB OFF RMP TO 11	* 238972.0	552349.0	6.0	*
11. R13 118 EB	* 238908.0	552085.0	6.0	*
12. R14 118 EB/270 SB ON	* 239233.0	552251.0	6.0	*
13. R15 SB ON RMP	* 239493.0	552267.0	6.0	*
14. R16 118 NB	* 240692.0	553517.0	6.0	*
15. R17 118 NB	* 240743.0	553791.0	6.0	*
16. R17 NB ON RMP	* 240292.0	553828.0	6.0	*
17. R17 NB ON RMP	* 240050.0	553809.0	6.0	*

1

JOB: S14 B230PM 270&MD 118 SB OFFRAMP

RUN: S14 B230PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 5.-365.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
5.	* .0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
10.	* .0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
160.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
165.	* .0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
170.	* .0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
175.	* .1	.1	.1	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
180.	* .1	.1	.1	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
185.	* .1	.1	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2
190.	* .2	.2	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2
195.	* .3	.2	.1	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2

S14B230P.OUT

200.	*	.3	.2	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2
205.	*	.3	.2	.1	.1	.1	.5	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2
210.	*	.3	.3	.2	.1	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2

1

JOB: S14 B230PM 270&MD 118 SB OFFRAMP

RUN: S14 B230PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
215.	*	.3	.3	.2	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2
220.	*	.4	.2	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4
225.	*	.4	.2	.2	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.2
230.	*	.4	.2	.2	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2
235.	*	.4	.2	.2	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.2
240.	*	.4	.2	.2	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2
245.	*	.4	.3	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
250.	*	.4	.3	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1
255.	*	.4	.3	.1	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2
260.	*	.4	.3	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2
265.	*	.3	.2	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2
270.	*	.3	.1	.1	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2
275.	*	.4	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.2
280.	*	.4	.2	.2	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1
285.	*	.4	.1	.1	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1
290.	*	.4	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1
295.	*	.3	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
300.	*	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
305.	*	.2	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
310.	*	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
315.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
320.	*	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
325.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
330.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
335.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
340.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
345.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
350.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
355.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0
365.	*	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
MAX	*	.4	.3	.2	.2	.4	.5	.4	.2	.1	.0	.0	.1	.2	.3	.3	.1	.4
DEGR.	*	220	210	210	290	240	170	30	20	20	5	5	5	25	235	225	165	220

THE HIGHEST CONCENTRATION IS .50 PPM AT 170 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 220 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 240 DEGREES FROM REC5 .

1

JOB: S14 B230PM 270&MD 118 SB OFFRAMP

RUN: S14 B230PM

PAGE 6

DATE: 12/27/2006 TIME: 11:00:01.50

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1 220	REC2 210	REC3 210	REC4 290	REC5 240	REC6 170	REC7 30	REC8 20	REC9 20	REC10 5	REC11 5	REC12 5	REC13 25	REC14 235	REC15 225	REC16 165	REC17 220
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

JOB: S14 B230PM 270&MD 118 SB OFFRAMP

RUN: S14 B230PM

PAGE 7

LINK	#	CO/LINK (PPM)															
		ANGLE (DEGREES)															
		REC1 220	REC2 210	REC3 210	REC4 290	REC5 240	REC6 170	REC7 30	REC8 20	REC9 20	REC10 5	REC11 5	REC12 5	REC13 25	REC14 235	REC15 225	REC16 165
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
52	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.1	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
65	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1
66	*	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
88	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Site 15 MD 118 & Observation

S15EXAM.DAT

S15 EX AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 EX AM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	629 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	37	25	4.0 629 29.1 1717 2 3			
0	1	EB 118	AG241675.554935.241440.554769.	629 2.9	0. 92.	40.
0	1	EB 118	AG241440.554769.241266.554607.	629 2.9	0. 68.	40.
0	1	EB 118 Dp	AG243037.555505.242630.555358.	429 2.9	0. 56.	40.
0	1	EB 118 Dp	AG242630.555358.242113.555137.	429 2.9	0. 56.	40.
0	1	WB 118 R	AG242093.555219.242382.555337.	1 2.9	0. 32.	40.
1	T&L	WB 118	AG242106.555191.242395.555314.	798 2.9	0. 68.	40.
2	L&T	WB 118	AG242160.555214.242337.555289.	0. 48	4	
	37	23	4.0 798 29.1 1770 2 3			
1		WB 118 all	AG242394.555324.243012.555565.	798 2.9	0. 56.	40.
0	1	WB 118 dp	AG241238.554660.241458.554852.	953 2.9	0. 56.	40.
0	1	WB 118 dp	AG241458.554852.241778.555049.	953 2.9	0. 56.	40.
0	1	WB 118 dp	AG241778.555049.241931.555126.	953 2.9	0. 56.	40.
0	1	WB 118 dp	AG241931.555126.242107.555193.	953 2.9	0. 56.	40.
0	2	NB Obs	AG242111.555169.242192.554949.	42 2.9	0. 44.	40.
	37	NB Obs	AG242140.555089.242188.554959.	0. 24	2	
		19	4.0 42 29.1 1684 2 3			
0	1	NB Obs	AG242192.554949.242195.554846.	42 2.9	0. 44.	40.
0	1	NB Obs	AG242195.554846.242144.554764.	42 2.9	0. 44.	40.
0	1	NB Obs	AG242144.554764.241961.554593.	42 2.9	0. 44.	40.
0	1	NB Obs	AG241961.554593.241815.554458.	42 2.9	0. 44.	40.
0	1	NB Obs	AG241815.554458.241767.554406.	42 2.9	0. 44.	40.
0	1	NB Obs	AG241767.554406.241743.554351.	42 2.9	0. 44.	40.
0	1	NB Obs	AG241743.554351.241744.554224.	42 2.9	0. 44.	40.
0	1	NB Obs dp	AG241895.556131.241962.556022.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG241962.556022.242003.555922.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG242003.555922.242015.555784.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG242015.555784.241983.555623.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG241983.555623.241972.555520.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG241972.555520.242019.555375.	114 2.9	0. 44.	40.
0	1	NB Obs dp	AG242019.555375.242110.555171.	114 2.9	0. 44.	40.
0	1	SB Obs	AG242079.555169.241957.555461.	283 2.9	0. 44.	40.
0	2	SB Obs	AG242039.555264.241969.555432.	0. 24	2	
	37	19	4.0 283 29.1 1542 2 3			
0	1	SB Obs	AG241957.555461.241950.555566.	283 2.9	0. 44.	40.
0	1	SB Obs	AG241950.555566.241981.555755.	283 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555755.241981.555867.	283 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555867.241955.555956.	283 2.9	0. 44.	40.

		S15EXAM.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	283 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	256 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	256 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 EX AM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:16.81

RUN: S15 EX AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	629.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	242039.1	555106.0	*	14.	245. AG	316.	100.0	.0	72.0	.37
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	629.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	629.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	429.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	429.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	1.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	798.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242183.0	555223.8	*	25.	67. AG	194.	100.0	.0	48.0	.52
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	798.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	953.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	953.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	953.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	953.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	42.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242140.7	555086.9	*	2.	160. AG	80.	100.0	.0	24.0	.04
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	42.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	42.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	42.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	42.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	42.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	42.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	42.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	114.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	114.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	114.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	114.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	114.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	114.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	114.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	283.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	242033.4	555277.5	*	15.	337. AG	80.	100.0	.0	24.0	.28
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	283.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	283.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	283.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	283.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	283.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	256.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	256.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	256.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	256.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	256.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	256.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	256.	2.9	.0	44.0	

JOB: S15 EX AM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:16.81

RUN: S15 EX AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 37	25	4.0	629	1717	29.10	2	3
9. L&T	WB 118	* 37	23	4.0	798	1770	29.10	2	3
16.	NB Obs	* 37	19	4.0	42	1684	29.10	2	3
32. 0	SB Obs	* 37	19	4.0	283	1542	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15EXAM.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 EX AM 118 & OBSERVATION

RUN: S15 EX AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1
85.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.3	.1	.1
90.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1
95.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2
100.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2
105.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.1	.1
110.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.2	.1
115.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.1	.1	.2	.1
120.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.1	.1	.2	.1
125.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0	.0	.1	.1	.2	.1
130.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0	.0	.1	.1	.2	.1
135.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.2	.1
140.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.2	.1
145.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.2	.1
150.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1
155.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1
160.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1
165.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1
170.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
175.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
180.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
185.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
190.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
195.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
200.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
205.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1

1

JOB: S15 EX AM 118 & OBSERVATION

RUN: S15 EX AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
215.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1
220.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1
225.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
230.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
235.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
240.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
245.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.0	.0	.0	.2	.1	.1	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.1	.3	.2	.2
DEGR.	0	0	0	260	40	45	260	60	220	200	115	125	0	0	0	0	80	85	110	95

JOB: S15 EX AM 118 & OBSERVATION

RUN: S15 EX AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.1	.1	.0	.0	.0	.0	.0	.0
10.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
15.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
20.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
25.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
30.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
35.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
40.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
45.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
50.	* .0	.1	.1	.2	.0	.0	.0	.0	.0
55.	* .0	.1	.1	.1	.0	.0	.0	.0	.0
60.	* .0	.1	.1	.1	.0	.0	.0	.0	.0
65.	* .0	.1	.0	.0	.0	.0	.0	.0	.0
70.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
75.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
80.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
85.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
90.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
95.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
160.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
165.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
170.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
175.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
180.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
185.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
190.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
195.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
200.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
205.	* .1	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S15 EX AM 118 & OBSERVATION

RUN: S15 EX AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
215.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
220.	* .1	.0	.0	.0	.0	.0	.0	.0	.1
225.	* .1	.0	.0	.0	.0	.0	.0	.0	.1
230.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
235.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
240.	* .1	.1	.0	.0	.0	.0	.0	.0	.0
245.	* .0	.1	.1	.1	.1	.0	.0	.0	.0
250.	* .0	.1	.1	.1	.1	.0	.0	.0	.0
255.	* .0	.1	.1	.1	.1	.0	.0	.0	.0
260.	* .0	.1	.1	.1	.2	.0	.0	.0	.0
265.	* .0	.1	.1	.1	.2	.0	.0	.0	.0
270.	* .0	.1	.1	.1	.2	.0	.0	.0	.0
275.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
280.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
285.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
290.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
295.	* .0	.0	.1	.1	.3	.0	.0	.0	.0
300.	* .0	.0	.1	.1	.3	.0	.0	.0	.0
305.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
310.	* .0	.0	.0	.0	.3	.0	.0	.0	.0
315.	* .0	.0	.0	.0	.3	.1	.0	.0	.0
320.	* .0	.0	.0	.0	.3	.1	.0	.0	.0
325.	* .0	.0	.0	.0	.3	.1	.0	.0	.0
330.	* .0	.0	.1	.1	.3	.1	.0	.0	.0
335.	* .0	.0	.1	.1	.3	.0	.0	.0	.0
340.	* .0	.0	.1	.1	.2	.0	.0	.0	.0
345.	* .0	.0	.0	.0	.1	.0	.0	.0	.0
350.	* .0	.0	.0	.0	.1	.0	.0	.0	.0
355.	* .0	.0	.0	.0	.0	.0	.0	.0	.0
360.	* .0	.0	.0	.0	.0	.0	.0	.0	.0

MAX DEGR.	* .1	.1	.1	.2	.3	.1	.0	.1
	70	5	5	10	295	315	0	220

THE HIGHEST CONCENTRATION IS .30 PPM AT 200 DEGREES FROM REC10.

THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 115 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 85 DEGREES FROM REC18.

S15EXAM.OUT

1

JOB: S15 EX AM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:16.81

RUN: S15 EX AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
	0	0	0	260	40	45	260	60	220	200	115	125	0	0	0	0	80	85	110	95
1 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 EX AM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:16.81

RUN: S15 EX AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
	70	5	5	10	295	315	0	220
1 *	.0	.1	.1	.1	.1	.0	.0	.0
2 *	.0	.0	.0	.1	.2	.1	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.1	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15EXAM.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15EXPM.DAT

S15 EX PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 EX PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	1057 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	43	29	4.0 1057 29.1 1717 2 3			
0	1	EB 118	AG241675.554935.241440.554769.	1057 2.9	0. 92.	40.
0	1	EB 118	AG241440.554769.241266.554607.	1057 2.9	0. 68.	40.
0	1	EB 118 Dp	AG243037.555505.242630.555358.	817 2.9	0. 56.	40.
0	1	EB 118 Dp	AG242630.555358.242113.555137.	817 2.9	0. 56.	40.
0	1	WB 118 R	AG242093.555219.242382.555337.	1 2.9	0. 32.	40.
1	T&L	WB 118	AG242106.555191.242395.555314.	680 2.9	0. 68.	40.
2	L&T	WB 118	AG242160.555214.242337.555289.	0. 48	4	
	43	28	4.0 680 29.1 1770 2 3			
1		WB 118 all	AG242394.555324.243012.555565.	680 2.9	0. 56.	40.
0	1	WB 118 dp	AG241238.554660.241458.554852.	856 2.9	0. 56.	40.
0	1	WB 118 dp	AG241458.554852.241778.555049.	856 2.9	0. 56.	40.
0	1	WB 118 dp	AG241778.555049.241931.555126.	856 2.9	0. 56.	40.
0	1	WB 118 dp	AG241931.555126.242107.555193.	856 2.9	0. 56.	40.
0	2	NB Obs	AG242111.555169.242192.554949.	101 2.9	0. 44.	40.
	43	24	4.0 101 29.1 1684 2 3	0. 24	2	
0	1	NB Obs	AG242192.554949.242195.554846.	101 2.9	0. 44.	40.
0	1	NB Obs	AG242195.554846.242144.554764.	101 2.9	0. 44.	40.
0	1	NB Obs	AG242144.554764.241961.554593.	101 2.9	0. 44.	40.
0	1	NB Obs	AG241961.554593.241815.554458.	101 2.9	0. 44.	40.
0	1	NB Obs	AG241815.554458.241767.554406.	101 2.9	0. 44.	40.
0	1	NB Obs	AG241767.554406.241743.554351.	101 2.9	0. 44.	40.
0	1	NB Obs	AG241743.554351.241744.554224.	101 2.9	0. 44.	40.
0	1	NB Obs dp	AG241895.556131.241962.556022.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG241962.556022.242003.555922.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG242003.555922.242015.555784.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG242015.555784.241983.555623.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG241983.555623.241972.555520.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG241972.555520.242019.555375.	223 2.9	0. 44.	40.
0	1	NB Obs dp	AG242019.555375.242110.555171.	223 2.9	0. 44.	40.
0	2	SB Obs	AG242079.555169.241957.555461.	315 2.9	0. 44.	40.
	43	24	4.0 315 29.1 1542 2 3	0. 24	2	
0	1	SB Obs	AG241957.555461.241950.555566.	315 2.9	0. 44.	40.
0	1	SB Obs	AG241950.555566.241981.555755.	315 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555755.241981.555867.	315 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555867.241955.555956.	315 2.9	0. 44.	40.

		S15EXPM.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	315 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	257 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	257 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 EX PM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:52.57

RUN: S15 EX PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1057.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	242026.8	555100.1	*	28.	245. AG	316.	100.0	.0	72.0	.55 1.4
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1057.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1057.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	817.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	817.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	1.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	680.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242184.0	555224.2	*	26.	67. AG	203.	100.0	.0	48.0	.46 1.3
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	680.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	856.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	856.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	856.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	856.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	101.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242142.3	555082.8	*	7.	160. AG	87.	100.0	.0	24.0	.10 .3
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	101.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	101.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	101.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	101.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	101.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	101.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	101.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	223.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	223.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	223.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	223.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	223.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	223.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	223.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	315.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	242031.1	555283.0	*	21.	337. AG	87.	100.0	.0	24.0	.34 1.0
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	315.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	315.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	315.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	315.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	315.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	257.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	257.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	257.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	257.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	257.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	257.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	257.	2.9	.0	44.0	

JOB: S15 EX PM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:52.57

RUN: S15 EX PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 43	29	4.0	1057	1717	29.10	2	3
9. L&T	WB 118	* 43	28	4.0	680	1770	29.10	2	3
16.	NB Obs	* 43	24	4.0	101	1684	29.10	2	3
32. 0	SB Obs	* 43	24	4.0	315	1542	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15EXPM.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 EX PM 118 & OBSERVATION

RUN: S15 EX PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
70.	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
75.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
80.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
85.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.2
90.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2
95.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.2
100.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.3
105.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.2	.3
110.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.2	.3
115.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.1	.1	.3	.3
120.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.1	.1	.4	.2
125.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.4	.2
130.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.4	.2
135.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.4	.2
140.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.4	.2
145.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.3	.2
150.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2
155.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2
160.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2
165.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2
170.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2
175.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2
180.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.4	.2	.2
185.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.1	.4	.2	.2
190.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.4	.2	.2
195.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.0	.0	.0	.0	.0	.3	.2	.2
200.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.1	.0	.0	.0	.0	.0	.3	.2	.2
205.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2

1

JOB: S15 EX PM 118 & OBSERVATION

RUN: S15 EX PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.2	.2	.2
215.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.2	.2	.2
220.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.2	.2	.2
225.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.2	.2	.1
230.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1
235.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
240.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
245.	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	.0	.1	.1	.2	.3	.2	.1	.1	.2	.3	.3	.1	.0	.0	.0	.0	.2	.4	.4	.3

JOB: S15 EX PM 118 & OBSERVATION

RUN: S15 EX PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.1	.1	.2	.1	.0	.0	.0	.0
5.	* .0	.1	.1	.2	.1	.0	.0	.0	.0
10.	* .0	.1	.1	.3	.1	.0	.0	.0	.0
15.	* .0	.1	.1	.3	.1	.0	.0	.0	.0
20.	* .0	.1	.1	.3	.1	.0	.0	.0	.0
25.	* .0	.1	.1	.3	.1	.0	.0	.0	.0
30.	* .0	.1	.1	.3	.1	.0	.0	.0	.0
35.	* .0	.1	.2	.3	.1	.0	.0	.0	.0
40.	* .0	.1	.2	.3	.2	.0	.0	.0	.0
45.	* .0	.1	.2	.3	.2	.0	.0	.0	.0
50.	* .0	.1	.2	.3	.1	.0	.0	.0	.0
55.	* .0	.1	.2	.2	.1	.0	.0	.0	.0
60.	* .0	.1	.2	.2	.1	.0	.0	.0	.0
65.	* .0	.1	.2	.2	.1	.0	.0	.0	.0
70.	* .1	.1	.1	.2	.0	.0	.0	.0	.0
75.	* .1	.1	.0	.0	.0	.0	.0	.0	.0
80.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
85.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
90.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
95.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
160.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
165.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
170.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
175.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
180.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
185.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
190.	* .1	.0	.0	.0	.0	.0	.0	.0	.0
195.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
200.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
205.	* .2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S15 EX PM 118 & OBSERVATION

RUN: S15 EX PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .2	.0	.0	.0	.0	.0	.0	.0	.0
215.	* .2	.0	.0	.0	.0	.0	.0	.0	.1
220.	* .2	.0	.0	.0	.0	.0	.0	.0	.1
225.	* .1	.0	.0	.0	.0	.0	.0	.0	.1
230.	* .1	.1	.0	.0	.0	.0	.0	.0	.0
235.	* .1	.1	.0	.1	.0	.0	.0	.0	.0
240.	* .0	.1	.1	.1	.1	.0	.0	.0	.0
245.	* .0	.1	.1	.1	.1	.0	.0	.0	.0
250.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
255.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
260.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
265.	* .0	.1	.1	.1	.1	.3	.0	.0	.0
270.	* .0	.1	.1	.1	.1	.3	.0	.0	.0
275.	* .0	.1	.1	.1	.1	.3	.0	.0	.0
280.	* .0	.1	.1	.1	.1	.3	.0	.0	.0
285.	* .0	.1	.1	.1	.1	.4	.0	.0	.0
290.	* .0	.1	.1	.1	.1	.4	.0	.0	.0
295.	* .0	.1	.1	.1	.1	.5	.0	.0	.0
300.	* .0	.1	.1	.1	.1	.5	.0	.0	.0
305.	* .0	.0	.1	.1	.1	.5	.1	.0	.0
310.	* .0	.0	.1	.1	.1	.5	.1	.0	.0
315.	* .0	.1	.1	.1	.1	.6	.1	.0	.0
320.	* .0	.1	.1	.1	.1	.5	.1	.0	.0
325.	* .0	.1	.1	.1	.1	.5	.1	.1	.0
330.	* .0	.1	.1	.1	.1	.4	.1	.1	.0
335.	* .0	.1	.1	.1	.1	.3	.1	.1	.0
340.	* .0	.1	.1	.1	.1	.3	.1	.0	.0
345.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
350.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
355.	* .0	.1	.1	.1	.1	.2	.0	.0	.0
360.	* .0	.1	.1	.2	.1	.0	.0	.0	.0
MAX	* .2	.1	.2	.3	.6	.1	.1	.1	.1
DEGR.	* 80	0	35	10	315	305	325	215	

THE HIGHEST CONCENTRATION IS .60 PPM AT 315 DEGREES FROM REC25.

THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC18.
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 120 DEGREES FROM REC19.

S15EXPM.OUT

1

JOB: S15 EX PM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:52.57

RUN: S15 EX PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 0	REC2 305	REC3 280	REC4 0	REC5 255	REC6 275	REC7 0	REC8 65	REC9 220	REC10 195	REC11 115	REC12 125	REC13 0	REC14 0	REC15 0	REC16 0	REC17 90	REC18 165	REC19 120	REC20 100
1	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.1	.0	.1	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 EX PM 118 & OBSERVATION
DATE: 12/14/2006 TIME: 12:51:52.57

RUN: S15 EX PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 80	REC22 0	REC23 35	REC24 10	REC25 315	REC26 305	REC27 325	REC28 215
1	*	.1	.1	.1	.1	.1	.0	.0	.0
2	*	.0	.0	.1	.2	.5	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.1	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15EXPM.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15NB15A.DAT

S15 NB15 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 NB15 AM 118 & Obs 44 1 1

1	EB 118	AG242113.555140.241675.554935.	1600 3.3	0. 92.	40.
2	EB 118	AG242052.555112.241825.555005.	0. 72.	6	
65	32	4.0 1600 33.4 1684 3 3			
1	EB 118	AG241675.554935.241440.554769.	1600 3.3	0. 92.	40.
1	EB 118	AG241440.554769.241266.554607.	1600 3.3	0. 68.	40.
1	EB 118 Dp	AG243037.555505.242630.555358.	1450 3.3	0. 56.	40.
1	EB 118 Dp	AG242630.555358.242113.555137.	1450 3.3	0. 56.	40.
1	WB 118 R	AG242093.555219.242382.555337.	50 3.3	0. 32.	40.
1	WB 118	AG242106.555191.242395.555314.	1975 3.3	0. 68.	40.
T&L	WB 118	AG242160.555214.242337.555289.	0. 48	4	
2	65	18 4.0 1975 33.4 1714 3 3			
1	WB 118 all	AG242394.555324.243012.555565.	2025 3.3	0. 56.	40.
1	WB 118 dp	AG241238.554660.241458.554852.	1850 3.3	0. 56.	40.
1	WB 118 dp	AG241458.554852.241778.555049.	1850 3.3	0. 56.	40.
1	WB 118 dp	AG241778.555049.241931.555126.	1850 3.3	0. 56.	40.
1	WB 118 dp	AG241931.555126.242107.555193.	1850 3.3	0. 56.	40.
1	NB Obs	AG242111.555169.242192.554949.	75 3.3	0. 44.	40.
2	NB Obs	AG242140.555089.242188.554959.	0. 24	2	
65	52	4.0 75 33.4 1701 3 3			
1	NB Obs	AG242192.554949.242195.554846.	75 3.3	0. 44.	40.
1	NB Obs	AG242195.554846.242144.554764.	75 3.3	0. 44.	40.
1	NB Obs	AG242144.554764.241961.554593.	75 3.3	0. 44.	40.
1	NB Obs	AG241961.554593.241815.554458.	75 3.3	0. 44.	40.
1	NB Obs	AG241815.554458.241767.554406.	75 3.3	0. 44.	40.
1	NB Obs	AG241767.554406.241743.554351.	75 3.3	0. 44.	40.
1	NB Obs	AG241743.554351.241744.554224.	75 3.3	0. 44.	40.
1	NB Obs dp	AG241895.556131.241962.556022.	375 3.3	0. 44.	40.
1	NB Obs dp	AG241962.556022.242003.555922.	375 3.3	0. 44.	40.
1	NB Obs dp	AG242003.555922.242015.555784.	375 3.3	0. 44.	40.
1	NB Obs dp	AG242015.555784.241983.555623.	375 3.3	0. 44.	40.
1	NB Obs dp	AG241983.555623.241972.555520.	375 3.3	0. 44.	40.
1	NB Obs dp	AG241972.555520.242019.555375.	375 3.3	0. 44.	40.
1	NB Obs dp	AG242019.555375.242110.555171.	375 3.3	0. 44.	40.
1	SB Obs	AG242079.555169.241957.555461.	350 3.3	0. 44.	40.
2	SB Obs	AG242039.555264.241969.555432.	0. 24	2	
65	52	4.0 350 33.4 1574 3 3			
1	SB Obs	AG241957.555461.241950.555566.	350 3.3	0. 44.	40.
1	SB Obs	AG241950.555566.241981.555755.	350 3.3	0. 44.	40.
1	SB Obs	AG241981.555755.241981.555867.	350 3.3	0. 44.	40.
1	SB Obs	AG241981.555867.241955.555956.	350 3.3	0. 44.	40.

		S15NB15A.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	350 3.3	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 NB15 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:38:34.28

RUN: S15 NB15 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1600.	3.3	.0	92.0	
2.	EB 118	* 242052.0	555112.0	242009.9	555092.2	*	47.	245. AG	265.	100.0	.0	72.0	.38 2.4
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1600.	3.3	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1600.	3.3	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1450.	3.3	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1450.	3.3	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	3.3	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	1975.	3.3	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242204.7	555232.9	*	49.	67. AG	99.	100.0	.0	48.0	.46 2.5
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2025.	3.3	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	1850.	3.3	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	1850.	3.3	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	1850.	3.3	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	1850.	3.3	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	3.3	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242143.6	555079.1	*	11.	160. AG	143.	100.0	.0	24.0	.20 .5
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	3.3	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	3.3	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	3.3	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	3.3	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	3.3	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	3.3	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	3.3	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	375.	3.3	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	375.	3.3	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	375.	3.3	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	375.	3.3	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	375.	3.3	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	375.	3.3	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	375.	3.3	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	350.	3.3	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241971.8	555425.3	*	175.	337. AG	143.	100.0	.0	24.0	1.04 8.9
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	350.	3.3	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	350.	3.3	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	350.	3.3	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	350.	3.3	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	350.	3.3	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	350.	3.3	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	350.	3.3	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	350.	3.3	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	350.	3.3	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	350.	3.3	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	350.	3.3	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	350.	3.3	.0	44.0	

JOB: S15 NB15 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:38:34.28

RUN: S15 NB15 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 65	32	4.0	1600	1684	33.40	3	3
9. L&T	WB 118	* 65	18	4.0	1975	1714	33.40	3	3
16.	NB Obs	* 65	52	4.0	75	1701	33.40	3	3
32. 0	SB Obs	* 65	52	4.0	350	1574	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15NB15A.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 NB15 AM 118 & OBSERVATION

RUN: S15 NB15 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.2	.1	.0
5.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.2	.1	.0
10.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.2	.1	.0
15.	*	.0	.0	.2	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.1	.1
20.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.2	.1
25.	*	.0	.0	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
30.	*	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
35.	*	.0	.0	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
40.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
45.	*	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
50.	*	.0	.0	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.1
55.	*	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.0
60.	*	.0	.0	.0	.2	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1
65.	*	.0	.0	.0	.1	.3	.2	.3	.2	.1	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2	.3
70.	*	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.4	.4	.3	.2	.3
75.	*	.0	.0	.0	.0	.1	.1	.1	.4	.2	.2	.2	.1	.0	.0	.0	.4	.5	.5	.4	.5
80.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.3	.1	.0	.0	.0	.4	.5	.5	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.1	.0	.0	.4	.5	.5	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.1	.0	.0	.4	.5	.3	.4	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.1	.0	.0	.0	.4	.5	.3	.3	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.4	.5	.4	.4	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.6	.5	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.6	.4	.3	.4	.5
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.6	.3	.3	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.3	.2	.5	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.7	.1	.3	.5	.3
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.2	.3	.6	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.0	.5	.2	.3	.6	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1	.0	.1	.4	.1	.3	.5	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1	.0	.1	.4	.1	.4	.5	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0	.0	.1	.2	.3	.4	.5	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.0	.0	.1	.3	.3	.4	.4	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.0	.0	.0	.1	.3	.3	.5	.4	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.1	.1	.2	.3	.5	.3	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.1	.2	.1	.1	.1	.2	.3	.5	.3	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.3	.2	.1	.0	.0	.3	.6	.3	.3
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.3	.4	.1	.0	.0	.3	.5	.3	.3	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.4	.1	.0	.0	.3	.5	.3	.3	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.2	.1	.0	.2	.5	.3	.3	.3
200.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.2	.0	.0	.2	.5	.4	.3	.3
205.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.3	.4	.2	.0	.0	.2	.4	.4	.4	.3

1

JOB: S15 NB15 AM 118 & OBSERVATION

RUN: S15 NB15 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.3	.3	.3	.2	.0	.0	.0	.1	.4	.3	.3
215.	*	.0	.0	.0	.1	.0	.0	.0	.3	.4	.5	.3	.3	.2	.0	.0	.0	.2	.4	.3	.3
220.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.6	.3	.3	.2	.0	.0	.0	.2	.3	.3	.4
225.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.6	.3	.2	.2	.0	.0	.0	.1	.4	.3	.4
230.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.5	.2	.2	.2	.0	.0	.0	.0	.4	.5	.4
235.	*	.0	.0	.0	.2	.0	.0	.1	.4	.4	.3	.2	.2	.2	.0	.0	.0	.0	.4	.4	.3
240.	*	.0	.0	.0	.2	.1	.1	.1	.3	.2	.3	.1	.2	.2	.0	.0	.0	.0	.3	.3	.3
245.	*	.0	.0	.0	.3	.3	.2	.1	.3	.1	.2	.1	.2	.2	.0	.0	.0	.0	.2	.3	.2
250.	*	.0	.0	.0	.3	.3	.2	.2	.2	.1	.0	.0	.2	.2	.0	.0	.0	.0	.2	.1	.2
255.	*	.0	.0	.0	.3	.3	.3	.3	.2	.0	.0	.0	.3	.2	.0	.0	.0	.0	.1	.1	.1
260.	*	.0	.0	.1	.3	.4	.3	.3	.1	.1	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.4	.4	.3	.3	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.3	.5	.3	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.2	.3	.3	.3	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.3	.4	.4	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.3	.4	.4	.4	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.4	.3	.5	.3	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.1	.2	.3	.4	.4	.3	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.3	.3	.4	.3	.2	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.3	.3	.4	.2	.2	.0	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.1	.3	.2	.4	.2	.2	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.1	.0	.3	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
330.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
335.	*	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
340.	*	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0
345.	*	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0
350.	*	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.3	.0	.0
355.	*	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.3	.1	.0
360.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.2	.1	.0
MAX DEGR.	*	.0	.2	.3	.4	.5	.5	.4	.4	.4	.6	.4	.4	.4	.1	.1	.7	.6	.6	.6	.6

JOB: S15 NB15 AM 118 & OBSERVATION

RUN: S15 NB15 AM 118 & Obs

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.5	.3	.1	.0	.0	.0
5.	.0	.2	.1	.6	.2	.2	.0	.0	.0
10.	.0	.3	.4	.7	.2	.3	.0	.0	.0
15.	.0	.3	.4	.7	.2	.3	.0	.0	.0
20.	.0	.3	.4	.7	.2	.2	.0	.0	.0
25.	.0	.3	.4	.7	.3	.2	.0	.0	.0
30.	.0	.3	.4	.7	.3	.2	.0	.0	.0
35.	.0	.3	.4	.7	.3	.2	.0	.0	.0
40.	.0	.3	.4	.6	.3	.1	.0	.0	.0
45.	.0	.3	.4	.7	.3	.1	.0	.0	.0
50.	.0	.2	.4	.6	.3	.1	.0	.0	.0
55.	.0	.2	.5	.5	.4	.0	.0	.0	.0
60.	.2	.2	.4	.5	.3	.0	.0	.0	.0
65.	.2	.2	.3	.3	.2	.0	.0	.0	.0
70.	.3	.1	.2	.3	.1	.0	.0	.0	.0
75.	.3	.1	.1	.2	.0	.0	.0	.0	.0
80.	.4	.1	.1	.0	.1	.0	.0	.0	.0
85.	.4	.0	.0	.0	.0	.0	.0	.0	.0
90.	.3	.0	.0	.0	.0	.0	.0	.0	.0
95.	.3	.0	.0	.0	.0	.0	.0	.0	.0
100.	.3	.0	.0	.0	.0	.0	.0	.0	.0
105.	.3	.0	.0	.0	.0	.0	.0	.0	.0
110.	.3	.0	.0	.0	.0	.0	.0	.0	.0
115.	.3	.0	.0	.0	.0	.0	.0	.0	.0
120.	.3	.0	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.1	.0	.0	.0
130.	.3	.0	.0	.0	.0	.1	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0	.1
195.	.3	.0	.0	.0	.0	.0	.0	.0	.1
200.	.3	.0	.0	.0	.0	.0	.0	.0	.1
205.	.3	.0	.0	.0	.0	.0	.0	.0	.1

JOB: S15 NB15 AM 118 & OBSERVATION

RUN: S15 NB15 AM 118 & Obs

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	.1
215.	.3	.0	.0	.0	.0	.0	.0	.0	.1
220.	.3	.0	.0	.0	.0	.0	.0	.0	.1
225.	.3	.1	.0	.0	.0	.0	.0	.0	.1
230.	.3	.1	.1	.1	.1	.0	.0	.0	.1
235.	.2	.1	.1	.1	.1	.0	.0	.0	.1
240.	.1	.2	.1	.1	.1	.0	.0	.0	.0
245.	.1	.2	.1	.2	.3	.0	.0	.0	.0
250.	.0	.2	.3	.3	.3	.0	.0	.0	.0
255.	.0	.3	.3	.3	.4	.0	.0	.0	.0
260.	.0	.3	.3	.3	.4	.0	.0	.0	.0
265.	.0	.3	.3	.3	.5	.1	.0	.0	.0
270.	.0	.3	.3	.2	.6	.1	.0	.0	.0
275.	.0	.3	.3	.3	.6	.1	.0	.0	.0
280.	.0	.3	.3	.3	.7	.1	.0	.0	.0
285.	.0	.3	.3	.3	.7	.1	.0	.0	.0
290.	.0	.3	.3	.3	.7	.1	.1	.0	.0
295.	.0	.3	.3	.3	.8	.2	.1	.0	.0
300.	.0	.3	.3	.3	.8	.2	.1	.0	.0
305.	.0	.3	.2	.2	.7	.2	.1	.0	.0
310.	.0	.3	.2	.2	.7	.2	.1	.0	.0
315.	.0	.3	.2	.2	.7	.2	.1	.0	.0
320.	.0	.2	.2	.1	.6	.4	.2	.0	.0
325.	.0	.2	.2	.2	.5	.3	.1	.0	.0
330.	.0	.2	.2	.2	.5	.3	.1	.0	.0
335.	.0	.2	.3	.3	.6	.4	.1	.0	.0
340.	.0	.2	.2	.2	.4	.4	.1	.0	.0
345.	.0	.2	.2	.2	.4	.3	.0	.0	.0
350.	.0	.2	.2	.4	.4	.1	.1	.0	.0
355.	.0	.2	.2	.4	.3	.1	.1	.0	.0
360.	.0	.2	.2	.5	.3	.1	.0	.0	.0

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
80	.4	.3	.5	.7	.8	.4	.2	.1	

THE HIGHEST CONCENTRATION IS .80 PPM AT 295 DEGREES FROM REC25.

S15NB15A.OUT
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC24.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 125 DEGREES FROM REC16.

1

JOB: S15 NB15 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:38:34.28

RUN: S15 NB15 AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 0	REC2 300	REC3 300	REC4 50	REC5 270	REC6 290	REC7 285	REC8 75	REC9 95	REC10 220	REC11 90	REC12 185	REC13 185	REC14 170	REC15 145	REC16 125	REC17 0	REC18 180	REC19 135	REC20 80
1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0
2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.3	.3	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.2	.2	.2	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.1	.0	.1	.1	.0	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1
9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.1	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.5	.5	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 NB15 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:38:34.28

RUN: S15 NB15 AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 80	REC22 10	REC23 55	REC24 10	REC25 295	REC26 320	REC27 320	REC28 190
1	.1	.2	.2	.2	.2	.1	.1	.0
2	.0	.0	.1	.3	.5	.2	.1	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.1	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.1	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.2	.1	.0	.0	.0	.0	.0	.0
13	.1	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.1	.1	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.1	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15NB15A.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15NB15P.DAT

S15 NB15 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
	241670.		241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 NB15 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2100 3.3	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	80	41	4.0 2100 33.4 1684 3 3			
1		EB 118	AG241675.554935.241440.554769.	2100 3.3	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2100 3.3	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1950 3.3	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1950 3.3	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	75 3.3	0. 32.	40.
1	T&L	WB 118	AG242106.555191.242395.555314.	1725 3.3	0. 68.	40.
2	L&T	WB 118	AG242160.555214.242337.555289.	0. 48	4	
	80	22	4.0 1725 33.4 1714 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	1800 3.3	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	1850 3.3	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	1625 3.3	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	1625 3.3	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	1625 3.3	0. 56.	40.
2		NB Obs	AG242111.555169.242192.554949.	125 3.3	0. 44.	40.
	80	65	4.0 125 33.4 1700 3 3	0. 24	2	
1		NB Obs	AG242192.554949.242195.554846.	125 3.3	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	125 3.3	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	125 3.3	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	125 3.3	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	125 3.3	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	125 3.3	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	125 3.3	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	450 3.3	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	450 3.3	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	450 3.3	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	450 3.3	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	450 3.3	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	450 3.3	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	450 3.3	0. 44.	40.
2		SB Obs	AG242079.555169.241957.555461.	400 3.3	0. 44.	40.
	80	65	4.0 400 33.4 1556 3 3	0. 24	2	
1		SB Obs	AG241957.555461.241950.555566.	400 3.3	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	400 3.3	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	400 3.3	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	400 3.3	0. 44.	40.

		S15NB15P.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	400 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	275 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	275 3.3	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 NB15 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:39:43.87

RUN: S15 NB15 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	2100.	3.3	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241981.0	555078.5	*	78.	245. AG	275.	100.0	.0	72.0	.50 4.0
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	2100.	3.3	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	2100.	3.3	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1950.	3.3	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1950.	3.3	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	75.	3.3	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	1725.	3.3	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242207.8	555234.3	*	52.	67. AG	99.	100.0	.0	48.0	.39 2.6
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	1800.	3.3	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	1850.	3.3	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	1625.	3.3	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	1625.	3.3	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	1625.	3.3	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	125.	3.3	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242147.6	555068.3	*	22.	160. AG	146.	100.0	.0	24.0	.32 1.1
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	125.	3.3	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	125.	3.3	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	125.	3.3	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	125.	3.3	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	125.	3.3	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	125.	3.3	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	125.	3.3	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	450.	3.3	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	450.	3.3	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	450.	3.3	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	450.	3.3	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	450.	3.3	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	450.	3.3	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	450.	3.3	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	400.	3.3	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241888.6	555625.0	*	391.	337. AG	146.	100.0	.0	24.0	1.14 19.9
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	400.	3.3	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	400.	3.3	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	400.	3.3	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	400.	3.3	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	400.	3.3	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	275.	3.3	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	275.	3.3	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	275.	3.3	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	275.	3.3	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	275.	3.3	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	275.	3.3	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	275.	3.3	.0	44.0	

JOB: S15 NB15 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:39:43.87

RUN: S15 NB15 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 80	41	4.0	2100	1684	33.40	3	3
9. L&T	WB 118	* 80	22	4.0	1725	1714	33.40	3	3
16.	NB Obs	* 80	65	4.0	125	1700	33.40	3	3
32. 0	SB Obs	* 80	65	4.0	400	1556	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15NB15P.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *
5.0 *

1

JOB: S15 NB15 PM 118 & OBSERVATION

RUN: S15 NB15 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	.6	.4	.2	.1
5.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
10.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
15.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.1	.2	.1
20.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.6	.6	.1	.2	.1
25.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.1	.2	.1
30.	*	.0	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
35.	*	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
40.	*	.0	.0	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
45.	*	.0	.0	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
50.	*	.0	.0	.1	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.1
55.	*	.0	.0	.1	.3	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.0
60.	*	.0	.0	.0	.3	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
65.	*	.0	.0	.0	.1	.3	.3	.2	.2	.1	.2	.1	.0	.0	.0	.0	.4	.4	.1	.2	.1
70.	*	.0	.0	.0	.1	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0	.4	.4	.4	.3	.4
75.	*	.0	.0	.0	.1	.1	.1	.1	.4	.2	.3	.3	.1	.0	.0	.0	.4	.4	.4	.3	.4
80.	*	.0	.0	.0	.0	.1	.1	.0	.4	.3	.3	.3	.1	.0	.0	.0	.4	.4	.4	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.2	.1	.0	.0	.0	.4	.6	.4	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.4	.6	.3	.4	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.4	.5	.3	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.4	.5	.3	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.6	.5	.3	.5	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.7	.5	.3	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.2	.0	.0	.8	.5	.3	.5	.5
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.2	.0	.0	.8	.5	.3	.5	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.2	.0	.0	.7	.4	.4	.6	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.6	.3	.3	.6	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.1	.6	.2	.2	.7	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.1	.0	.1	.5	.3	.2	.7	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.2	.4	.2	.2	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.4	.4	.2	.4	.7	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.5	.4	.3	.4	.7	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.0	.0	.6	.3	.3	.4	.6	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.0	.0	.7	.3	.3	.5	.6	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.2	.1	.8	.2	.4	.6	.5	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.4	.3	.1	.8	.2	.4	.5	.5	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.4	.4	.1	.7	.2	.4	.5	.4	.3
185.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.4	.5	.1	.7	.2	.4	.7	.4	.3
190.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.4	.4	.5	.2	.7	.1	.3	.7	.3	.3
195.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.4	.4	.5	.2	.6	.1	.3	.6	.2	.3
200.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.3	.4	.4	.2	.6	.1	.3	.6	.2	.3
205.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.5	.4	.5	.3	.2	.6	.1	.1	.6	.3	.3

1

JOB: S15 NB15 PM 118 & OBSERVATION

RUN: S15 NB15 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.6	.4	.5	.3	.2	.5	.0	.1	.5	.3	.3
215.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.5	.4	.4	.2	.2	.5	.0	.1	.5	.3	.3
220.	*	.0	.0	.0	.2	.0	.0	.0	.3	.6	.4	.4	.3	.2	.2	.5	.0	.1	.4	.3	.4
225.	*	.0	.0	.0	.2	.0	.0	.0	.4	.6	.5	.3	.3	.2	.2	.5	.0	.1	.5	.3	.5
230.	*	.0	.0	.0	.2	.0	.0	.0	.4	.5	.5	.3	.2	.2	.1	.5	.0	.0	.4	.4	.5
235.	*	.0	.0	.0	.3	.1	.0	.1	.4	.4	.4	.3	.2	.2	.1	.5	.0	.0	.4	.4	.4
240.	*	.0	.0	.0	.3	.3	.3	.1	.4	.3	.4	.2	.2	.2	.1	.5	.0	.0	.3	.3	.2
245.	*	.0	.0	.0	.3	.3	.3	.2	.2	.2	.2	.1	.2	.2	.1	.5	.0	.0	.2	.2	.2
250.	*	.0	.0	.0	.5	.3	.4	.2	.2	.1	.0	.0	.3	.2	.1	.5	.0	.0	.1	.1	.1
255.	*	.0	.0	.1	.4	.4	.4	.4	.1	.0	.0	.0	.3	.2	.1	.5	.0	.0	.1	.0	.0
260.	*	.0	.0	.1	.4	.4	.4	.4	.1	.1	.1	.0	.3	.2	.1	.5	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.4	.5	.4	.4	.0	.1	.1	.1	.3	.2	.1	.5	.0	.0	.0	.0	.0
270.	*	.0	.0	.2	.4	.5	.3	.4	.1	.1	.1	.1	.3	.2	.1	.5	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.5	.5	.3	.4	.1	.1	.1	.1	.3	.2	.1	.5	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.5	.4	.4	.4	.1	.1	.1	.1	.3	.3	.0	.5	.0	.0	.0	.0	.0
285.	*	.0	.1	.3	.4	.3	.4	.4	.0	.1	.1	.2	.4	.3	.0	.5	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.5	.4	.0	.1	.1	.2	.4	.3	.0	.6	.0	.0	.0	.0	.0
295.	*	.0	.2	.3	.4	.4	.5	.3	.0	.1	.1	.2	.4	.3	.0	.6	.0	.0	.0	.0	.0
300.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.4	.3	.0	.6	.0	.0	.0	.0	.0
305.	*	.0	.2	.3	.3	.5	.4	.3	.0	.1	.1	.3	.4	.4	.0	.6	.0	.0	.0	.0	.0
310.	*	.0	.2	.3	.4	.5	.4	.3	.0	.1	.1	.3	.4	.4	.0	.5	.0	.0	.0	.0	.0
315.	*	.0	.2	.3	.3	.5	.4	.3	.0	.0	.1	.3	.3	.4	.0	.5	.0	.0	.0	.0	.0
320.	*	.0	.2	.3	.2	.5	.3	.3	.0	.0	.1	.2	.3	.3	.0	.5	.1	.1	.0	.0	.0
325.	*	.0	.2	.3	.3	.5	.3	.3	.0	.0	.0	.2	.3	.2	.1	.4	.1	.1	.1	.0	.0
330.	*	.0	.1	.3	.4	.5	.3	.3	.0	.0	.0	.2	.2	.2	.1	.4	.2	.2	.0	.0	.0
335.	*	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.1	.2	.1	.1	.3	.3	.3	.2	.0	.0
340.	*	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.1	.1	.1	.1	.2	.4	.4	.3	.0	.0
345.	*	.2	.0	.2	.4	.3	.3	.3	.0	.0	.0	.0	.1	.0	.1	.5	.6	.4	.1	.0	.0
350.	*	.1	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.5	.6	.5	.1	.0	.0
355.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.7	.7	.4	.1	.0	.0
360.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.7	.6	.4	.2	.1	.0
MAX DEGR.	*	.2	.2	.4	.5	.5	.5	.4	.4	.6	.6	.4	.5	.5	.2	.8	.8	.7	.7	.7	.6

JOB: S15 NB15 PM 118 & OBSERVATION

RUN: S15 NB15 PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.4	1.0	.4	.2	.0	.0	
5.	.0	.3	.3	1.0	.3	.2	.1	.0	
10.	.0	.3	.3	1.1	.3	.3	.1	.0	
15.	.0	.3	.5	1.1	.2	.3	.1	.0	
20.	.0	.3	.5	1.0	.4	.3	.1	.0	
25.	.0	.4	.5	1.0	.3	.2	.1	.0	
30.	.1	.4	.5	.9	.3	.2	.1	.0	
35.	.1	.4	.5	.8	.3	.1	.1	.0	
40.	.1	.4	.7	1.0	.3	.1	.1	.0	
45.	.1	.3	.6	.9	.4	.1	.0	.0	
50.	.0	.4	.7	.9	.4	.1	.0	.0	
55.	.0	.4	.6	.8	.4	.1	.0	.0	
60.	.2	.4	.5	.6	.3	.0	.0	.0	
65.	.3	.3	.5	.4	.3	.0	.0	.0	
70.	.4	.2	.3	.4	.3	.0	.0	.0	
75.	.4	.1	.2	.3	.2	.0	.0	.0	
80.	.4	.1	.1	.2	.1	.0	.0	.0	
85.	.5	.1	.1	.1	.1	.0	.0	.0	
90.	.5	.0	.0	.0	.1	.0	.0	.0	
95.	.4	.0	.0	.0	.1	.0	.0	.0	
100.	.4	.0	.0	.0	.1	.0	.0	.0	
105.	.4	.0	.0	.0	.1	.0	.0	.0	
110.	.4	.0	.0	.0	.0	.0	.0	.0	
115.	.3	.0	.0	.0	.0	.0	.0	.0	
120.	.3	.0	.0	.0	.0	.0	.0	.0	
125.	.2	.0	.0	.0	.0	.0	.0	.0	
130.	.2	.0	.0	.0	.0	.0	.0	.0	
135.	.2	.0	.0	.0	.0	.0	.0	.0	
140.	.3	.0	.0	.0	.0	.0	.0	.0	
145.	.3	.0	.0	.0	.0	.0	.0	.0	
150.	.3	.0	.0	.0	.0	.0	.0	.0	
155.	.3	.0	.0	.0	.0	.0	.0	.0	
160.	.2	.0	.0	.0	.0	.0	.0	.0	
165.	.2	.0	.0	.0	.0	.0	.0	.0	
170.	.2	.0	.0	.0	.0	.0	.0	.0	
175.	.4	.0	.0	.0	.0	.0	.0	.0	
180.	.4	.0	.0	.0	.0	.0	.0	.0	
185.	.4	.0	.0	.0	.0	.0	.0	.0	
190.	.3	.0	.0	.0	.0	.0	.0	.0	
195.	.3	.0	.0	.0	.0	.0	.0	.0	
200.	.3	.0	.0	.0	.0	.0	.0	.1	
205.	.3	.0	.0	.0	.0	.0	.0	.1	

JOB: S15 NB15 PM 118 & OBSERVATION

RUN: S15 NB15 PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.1	
215.	.3	.0	.0	.0	.0	.0	.0	.1	
220.	.3	.1	.0	.0	.0	.0	.0	.1	
225.	.3	.1	.1	.1	.0	.0	.0	.1	
230.	.3	.1	.1	.1	.1	.0	.0	.1	
235.	.1	.2	.1	.1	.2	.0	.0	.0	
240.	.1	.2	.3	.2	.3	.0	.0	.0	
245.	.1	.3	.3	.2	.4	.0	.0	.0	
250.	.0	.3	.3	.2	.5	.0	.0	.0	
255.	.0	.4	.4	.4	.6	.0	.0	.0	
260.	.0	.4	.4	.4	.7	.1	.0	.0	
265.	.0	.4	.4	.4	.8	.1	.0	.0	
270.	.0	.4	.4	.3	.9	.1	.0	.0	
275.	.0	.4	.4	.4	.9	.1	.0	.0	
280.	.0	.4	.3	.3	.9	.1	.1	.0	
285.	.0	.4	.2	.3	.8	.2	.1	.0	
290.	.0	.3	.2	.4	.8	.2	.1	.0	
295.	.0	.3	.3	.4	.9	.2	.1	.0	
300.	.0	.3	.3	.4	.9	.3	.1	.0	
305.	.0	.3	.3	.4	.9	.3	.2	.0	
310.	.0	.3	.3	.4	.8	.3	.2	.0	
315.	.0	.3	.3	.4	.8	.3	.2	.0	
320.	.0	.3	.3	.4	.7	.3	.2	.0	
325.	.0	.2	.3	.4	.7	.3	.2	.0	
330.	.0	.3	.3	.6	.7	.3	.3	.0	
335.	.0	.3	.3	.7	.6	.3	.3	.1	
340.	.0	.3	.3	.7	.5	.3	.3	.1	
345.	.0	.3	.3	.9	.6	.2	.1	.2	
350.	.0	.3	.3	.9	.5	.2	.1	.2	
355.	.0	.3	.4	1.0	.4	.1	.0	.1	
360.	.0	.3	.4	1.0	.4	.2	.0	.0	
MAX	.5	.4	.7	1.1	.9	.3	.3	.2	
DEGR.	85	25	40	10	270	10	330	345	

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 10 DEGREES FROM REC24.

S15NB15P.OUT
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 270 DEGREES FROM REC25.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 170 DEGREES FROM REC15.

1

JOB: S15 NB15 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:39:43.87

RUN: S15 NB15 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 345	REC2 290	REC3 300	REC4 250	REC5 45	REC6 290	REC7 45	REC8 75	REC9 220	REC10 210	REC11 90	REC12 205	REC13 185	REC14 190	REC15 170	REC16 115	REC17 355	REC18 185	REC19 135	REC20 80
1	.0	.1	.1	.2	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1
2	.1	.1	.2	.2	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.4	.4	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.3	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1
9	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2	.8	.5	.6	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 NB15 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:39:43.87

RUN: S15 NB15 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 85	REC22 25	REC23 40	REC24 10	REC25 270	REC26 10	REC27 330	REC28 345
1	.1	.2	.3	.2	.3	.0	.1	.0
2	.1	.0	.3	.7	.5	.0	.1	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.1	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.1	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.2	.1	.0	.0	.0	.0	.0	.0
13	.1	.0	.0	.0	.1	.0	.0	.0
14	.0	.0	.1	.1	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.1	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.1	.0	.1	.0	.0	.1	.1

33	*	.0	.0	.0	.0	.0	.0	.0	S15NB15P.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15B115A

S15 B115 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B115 AM 118 & Obs 44 1 1

1	EB 118	AG242113.555140.241675.554935.	1625 3.3	0. 92.	40.
2	EB 118	AG242052.555112.241825.555005.	0. 72.	6	
65	32	4.0 1625 33.4 1284 3 3			
1	EB 118	AG241675.554935.241440.554769.	1625 3.3	0. 92.	40.
1	EB 118	AG241440.554763.341266.554607.	1625 3.3	0. 68.	40.
1	EB 118 Dp	AG243037.555505.242630.555358.	1475 3.3	0. 56.	40.
1	EB 118 Dp	AG242630.555358.242113.555137.	1475 3.3	0. 56.	40.
1	WB 118 R	AG242093.555219.242382.555337.	50 3.3	0. 32.	40.
1	WB 118	AG242106.555191.242395.555314.	2050 3.3	0. 68.	40.
T&L	WB 118	AG242160.555214.242337.555289.	0. 48	4	
2	65	18 4.0 2050 33.4 1405 3 3			
1	WB 118 all	AG242394.555324.243012.555565.	2100 3.3	0. 56.	40.
1	WB 118 dp	AG241238.554660.241458.554852.	2175 3.3	0. 56.	40.
1	WB 118 dp	AG241458.554852.241778.555049.	2175 3.3	0. 56.	40.
1	WB 118 dp	AG241778.555049.241931.555126.	2175 3.3	0. 56.	40.
1	WB 118 dp	AG241931.555126.242107.555193.	2175 3.3	0. 56.	40.
2	NB Obs	AG242111.555169.242192.554949.	75 3.3	0. 44.	40.
65	NB Obs	AG242140.555089.242188.554959.	0. 24	2	
52	4.0 75 33.4 1191 3 3				
1	NB Obs	AG242192.554949.242195.554846.	75 3.3	0. 44.	40.
1	NB Obs	AG242195.554846.242144.554764.	75 3.3	0. 44.	40.
1	NB Obs	AG242144.554764.241961.554593.	75 3.3	0. 44.	40.
1	NB Obs	AG241961.554593.241815.554458.	75 3.3	0. 44.	40.
1	NB Obs	AG241815.554458.241767.554406.	75 3.3	0. 44.	40.
1	NB Obs	AG241767.554406.241743.554351.	75 3.3	0. 44.	40.
1	NB Obs	AG241743.554351.241744.554224.	75 3.3	0. 44.	40.
1	NB Obs dp	AG241895.556131.241962.556022.	175 3.3	0. 44.	40.
1	NB Obs dp	AG241962.556022.242003.555922.	175 3.3	0. 44.	40.
1	NB Obs dp	AG242003.555922.242015.555784.	175 3.3	0. 44.	40.
1	NB Obs dp	AG242015.555784.241983.555623.	175 3.3	0. 44.	40.
1	NB Obs dp	AG241983.555623.241972.555520.	175 3.3	0. 44.	40.
1	NB Obs dp	AG241972.555520.242019.555375.	175 3.3	0. 44.	40.
1	NB Obs dp	AG242019.555375.242110.555171.	175 3.3	0. 44.	40.
2	SB Obs	AG242079.555169.241957.555461.	350 3.3	0. 44.	40.
65	SB Obs	AG242039.555264.241969.555432.	0. 24	2	
52	4.0 350 33.4 1467 3 3				
1	SB Obs	AG241957.555461.241950.555566.	350 3.3	0. 44.	40.
1	SB Obs	AG241950.555566.241981.555755.	350 3.3	0. 44.	40.
1	SB Obs	AG241981.555755.241981.555867.	350 3.3	0. 44.	40.
1	SB Obs	AG241981.555867.241955.555956.	350 3.3	0. 44.	40.

						S15B115A	
0	1	SB Obs	AG241955.555956.241859.556126.	350	3.3	0.44.	40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	325	3.3	0.44.	40.
1.0	0.4	1000.	0Y 5 0 72				

JOB: S15 B115 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:34:32.39

RUN: S15 B115 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1625.	3.3	.0	92.0	
2.	EB 118	* 242052.0	555112.0	242009.3	555091.9	*	47.	245. AG	265.	100.0	.0	72.0	.51 2.4
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1625.	3.3	.0	92.0	
4. 0	EB 118	* 241440.0	554763.0	341266.0	554607.0	*	*****	90. AG	1625.	3.3	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1475.	3.3	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1475.	3.3	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	3.3	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2050.	3.3	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242206.4	555233.7	*	50.	67. AG	99.	100.0	.0	48.0	.58 2.6
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2100.	3.3	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2175.	3.3	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2175.	3.3	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2175.	3.3	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2175.	3.3	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	3.3	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242143.6	555079.1	*	11.	160. AG	143.	100.0	.0	24.0	.29 .5
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	3.3	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	3.3	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	3.3	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	3.3	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	3.3	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	3.3	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	3.3	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	175.	3.3	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	175.	3.3	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	175.	3.3	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	175.	3.3	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	175.	3.3	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	175.	3.3	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	175.	3.3	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	350.	3.3	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241925.4	555536.6	*	295.	337. AG	143.	100.0	.0	24.0	1.11 15.0
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	350.	3.3	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	350.	3.3	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	350.	3.3	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	350.	3.3	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	350.	3.3	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	325.	3.3	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	325.	3.3	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	325.	3.3	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	325.	3.3	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	325.	3.3	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	325.	3.3	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	325.	3.3	.0	44.0	

JOB: S15 B115 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:34:32.39

RUN: S15 B115 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 65	32	4.0	1625	1284	33.40	3	3
9. L&T	WB 118	* 65	18	4.0	2050	1405	33.40	3	3
16.	NB Obs	* 65	52	4.0	75	1191	33.40	3	3
32. 0	SB Obs	* 65	52	4.0	350	1467	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 5.0 * S15B115A
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B115 AM 118 & OBSERVATION

RUN: S15 B115 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.0
5.	.2	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.2	.2	.1
10.	.2	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.2	.1
15.	.2	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.2	.1
20.	.2	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.2	.1
25.	.2	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.1	.1	.1
30.	.2	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
35.	.2	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
40.	.2	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
45.	.2	.0	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
50.	.2	.0	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.1
55.	.2	.0	.2	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.0	.1
60.	.2	.0	.2	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1
65.	.2	.0	.2	.3	.2	.3	.2	.1	.2	.2	.0	.0	.0	.0	.0	.4	.4	.2	.2	.3
70.	.3	.0	.1	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.4	.4	.3	.2	.4
75.	.3	.0	.0	.0	.1	.1	.1	.4	.3	.2	.2	.1	.0	.0	.0	.4	.5	.5	.4	.5
80.	.3	.0	.0	.0	.0	.0	.0	.4	.2	.4	.3	.1	.0	.0	.0	.4	.6	.5	.4	.6
85.	.3	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.1	.0	.0	.5	.5	.5	.4	.6
90.	.3	.1	.1	.0	.0	.0	.0	.4	.4	.3	.4	.1	.1	.0	.0	.4	.5	.4	.5	.5
95.	.2	.1	.1	.1	.0	.0	.0	.4	.4	.3	.4	.1	.1	.0	.0	.4	.5	.4	.4	.5
100.	.2	.1	.1	.1	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.5	.4
105.	.1	.1	.1	.1	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.5	.5
110.	.1	.1	.1	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1	.0	.0	.6	.5	.4	.5	.5
115.	.0	.1	.1	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.6	.4	.3	.4	.5
120.	.0	.1	.1	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.6	.4	.3	.5	.5
125.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.3	.2	.5	.4
130.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.2	.3	.6	.3
135.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.1	.5	.2	.3	.6	.3
140.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.4	.1	.1	.0	.1	.5	.2	.3	.6	.3
145.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.2	.4	.1	.3	.5	.3
150.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.5	.1	.4	.5	.3
155.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.0	.0	.3	.3	.3	.4	.5	.3
160.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.0	.0	.4	.3	.3	.4	.4	.3
165.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.4	.2	.0	.0	.0	.4	.3	.3	.5	.4	.3
170.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.1	.4	.2	.3	.5	.3	.3
175.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.4	.1	.2	.1	.1	.4	.2	.3	.5	.3	.3
180.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.4	.2	.2	.3	.1	.3	.1	.3	.6	.3	.3
185.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.5	.3	.3	.4	.1	.2	.0	.3	.5	.3	.3
190.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.2	.2	.0	.3	.5	.3	.3
195.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.3	.2	.1	.0	.2	.5	.3	.3
200.	.0	.1	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.2	.2	.1	.0	.2	.5	.4	.3
205.	.0	.1	.0	.1	.0	.0	.0	.3	.3	.5	.3	.4	.2	.1	.0	.0	.2	.4	.4	.4

1

JOB: S15 B115 AM 118 & OBSERVATION

RUN: S15 B115 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.1	.0	.1	.0	.0	.0	.4	.3	.3	.3	.2	.1	.0	.0	.0	.2	.4	.4	.4
215.	.0	.1	.0	.1	.0	.0	.0	.4	.4	.5	.4	.3	.2	.1	.0	.0	.2	.4	.4	.4
220.	.0	.1	.0	.1	.0	.0	.0	.5	.4	.6	.4	.4	.2	.1	.0	.0	.2	.3	.4	.5
225.	.0	.1	.0	.1	.0	.0	.0	.5	.4	.6	.4	.2	.2	.1	.0	.0	.2	.4	.5	.5
230.	.0	.1	.0	.1	.0	.0	.0	.4	.4	.5	.2	.2	.2	.1	.0	.0	.1	.4	.5	.4
235.	.0	.1	.0	.2	.0	.0	.1	.4	.5	.4	.2	.2	.2	.0	.0	.0	.0	.5	.5	.3
240.	.0	.1	.0	.2	.1	.1	.1	.3	.3	.3	.1	.2	.2	.0	.0	.0	.0	.5	.4	.3
245.	.0	.1	.0	.3	.3	.2	.1	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.3	.3	.2
250.	.1	.1	.0	.3	.3	.3	.2	.2	.1	.1	.0	.2	.2	.0	.0	.0	.0	.2	.2	.2
255.	.1	.0	.0	.3	.3	.3	.3	.2	.0	.0	.0	.3	.2	.0	.0	.0	.0	.1	.1	.1
260.	.1	.0	.1	.3	.4	.4	.3	.1	.1	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0
265.	.2	.0	.1	.4	.5	.4	.3	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.2	.0	.1	.4	.5	.4	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
275.	.3	.0	.2	.3	.3	.4	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
280.	.3	.1	.2	.3	.4	.4	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
285.	.3	.1	.2	.3	.4	.4	.4	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
290.	.3	.1	.2	.4	.3	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
295.	.2	.1	.3	.3	.4	.4	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
300.	.2	.2	.3	.3	.5	.4	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
305.	.2	.2	.3	.3	.4	.3	.2	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
310.	.2	.1	.3	.3	.4	.3	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
315.	.2	.1	.2	.3	.4	.2	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
320.	.2	.1	.2	.3	.4	.2	.2	.0	.0	.0	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0
325.	.2	.1	.2	.4	.4	.2	.2	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.1	.0	.0
330.	.2	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.2	.1	.0	.0	.1	.2	.1	.0	.0
335.	.2	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.1	.1	.0	.0	.2	.3	.2	.0	.0
340.	.2	.1	.3	.3	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.3	.3	.3	.0	.0
345.	.2	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.1	.0
350.	.2	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.0
355.	.2	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.0
360.	.2	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.0
MAX DEGR.	.3	.2	.3	.4	.5	.5	.4	.5	.5	.6	.4	.4	.4	.2	.4	.7	.6	.6	.6	.6

JOB: S15 B115 AM 118 & OBSERVATION

RUN: S15 B115 AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.3	.5	.3	.1	.0	.1
5.	.0	.2	.3	.6	.2	.2	.0	.1
10.	.0	.3	.4	.7	.2	.3	.1	.1
15.	.0	.3	.4	.7	.3	.2	.0	.1
20.	.0	.3	.4	.7	.2	.2	.0	.1
25.	.0	.4	.5	.7	.3	.2	.0	.1
30.	.0	.4	.4	.7	.3	.2	.0	.1
35.	.0	.3	.4	.7	.3	.2	.0	.1
40.	.1	.3	.4	.7	.3	.1	.0	.1
45.	.1	.3	.4	.7	.3	.1	.0	.1
50.	.0	.2	.4	.7	.3	.1	.0	.2
55.	.2	.2	.5	.5	.4	.0	.0	.2
60.	.2	.2	.4	.5	.3	.0	.0	.2
65.	.2	.2	.3	.3	.2	.0	.0	.2
70.	.3	.1	.2	.3	.1	.0	.0	.3
75.	.4	.1	.1	.2	.0	.0	.0	.3
80.	.4	.1	.1	.0	.1	.0	.0	.4
85.	.4	.1	.0	.0	.0	.0	.0	.4
90.	.5	.1	.1	.0	.0	.1	.1	.4
95.	.4	.1	.1	.1	.1	.1	.1	.4
100.	.4	.1	.1	.1	.1	.1	.1	.3
105.	.4	.1	.1	.1	.1	.1	.1	.3
110.	.4	.1	.1	.1	.1	.1	.1	.2
115.	.4	.1	.1	.1	.0	.1	.1	.2
120.	.4	.1	.1	.1	.0	.1	.1	.2
125.	.3	.1	.1	.0	.0	.1	.1	.2
130.	.3	.1	.1	.0	.0	.1	.1	.1
135.	.3	.1	.1	.0	.0	.1	.1	.1
140.	.3	.1	.0	.0	.0	.1	.1	.1
145.	.3	.1	.0	.0	.0	.0	.1	.1
150.	.3	.1	.0	.0	.0	.0	.1	.1
155.	.3	.1	.0	.0	.0	.0	.1	.1
160.	.3	.1	.0	.0	.0	.0	.1	.1
165.	.3	.1	.0	.0	.0	.0	.1	.1
170.	.3	.1	.0	.0	.0	.0	.1	.1
175.	.3	.1	.0	.0	.0	.0	.1	.1
180.	.3	.1	.0	.0	.0	.0	.1	.1
185.	.3	.1	.0	.0	.0	.0	.1	.1
190.	.3	.1	.0	.0	.0	.0	.1	.2
195.	.3	.1	.0	.0	.0	.0	.1	.2
200.	.3	.1	.0	.0	.0	.0	.1	.2
205.	.4	.1	.0	.0	.0	.0	.1	.2

JOB: S15 B115 AM 118 & OBSERVATION

RUN: S15 B115 AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.1	.0	.0	.0	.0	.1	.2
215.	.4	.1	.0	.0	.0	.0	.1	.2
220.	.4	.1	.0	.0	.0	.0	.1	.2
225.	.5	.2	.0	.0	.0	.1	.1	.2
230.	.4	.2	.1	.1	.1	.1	.1	.2
235.	.3	.2	.1	.1	.1	.1	.1	.3
240.	.1	.2	.1	.1	.1	.0	.1	.2
245.	.1	.3	.2	.2	.3	.0	.1	.2
250.	.1	.3	.3	.3	.3	.0	.1	.2
255.	.0	.4	.3	.3	.5	.0	.1	.3
260.	.0	.3	.3	.3	.5	.0	.0	.3
265.	.0	.3	.3	.3	.6	.1	.0	.3
270.	.0	.3	.3	.4	.6	.1	.0	.3
275.	.0	.3	.3	.3	.6	.1	.0	.3
280.	.0	.3	.3	.3	.7	.1	.0	.3
285.	.0	.3	.4	.3	.7	.1	.0	.3
290.	.0	.3	.3	.3	.7	.1	.1	.3
295.	.0	.3	.3	.3	.8	.2	.1	.2
300.	.0	.3	.3	.3	.8	.2	.1	.2
305.	.0	.3	.2	.2	.7	.2	.1	.2
310.	.0	.3	.2	.2	.7	.2	.1	.2
315.	.0	.3	.2	.2	.7	.4	.2	.1
320.	.0	.2	.2	.2	.6	.4	.2	.1
325.	.0	.2	.2	.2	.5	.3	.2	.1
330.	.0	.2	.3	.3	.6	.4	.1	.1
335.	.0	.2	.3	.3	.6	.4	.2	.1
340.	.0	.2	.3	.3	.5	.4	.2	.1
345.	.0	.2	.2	.3	.4	.4	.1	.1
350.	.0	.2	.2	.4	.4	.2	.0	.1
355.	.0	.2	.2	.4	.3	.1	.0	.1
360.	.0	.2	.3	.5	.3	.1	.0	.1

MAX DEGR.	90	25	25	10	295	315	315	80
MAX	.5	.4	.5	.7	.8	.4	.2	.4

THE HIGHEST CONCENTRATION IS .80 PPM AT 295 DEGREES FROM REC25.

1

RUN: S15 B115 AM 118 & Obs

PAGE 7

[illegible]

1

RUN: S15 B115 AM 118 & Obs

PAGE 8

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 25	REC23 25	REC24 10	REC25 295	REC26 315	REC27 315	REC28 80
1	*	.1	.2	.2	.2	.1	.1	.0	
2	*	.0	.0	.1	.3	.5	.2	.1	
3	*	.0	.0	.0	.0	.0	.0	.0	
4	*	.1	.0	.0	.0	.0	.0	.4	
5	*	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	
12	*	.2	.1	.0	.0	.0	.0	.0	
13	*	.1	.1	.0	.0	.0	.0	.0	
14	*	.0	.0	.1	.1	.1	.1	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.1	.1	.0	.0	.0	

33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0

S15B115A

S15B115P

S15 B115 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B115 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2225 3.3	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	90	44	4.0 2225 33.4 1182 3 3			
1		EB 118	AG241675.554935.241440.554769.	2225 3.3	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2225 3.3	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	2100 3.3	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	2100 3.3	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	75 3.3	0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	1600 3.3	0. 68.	40.
T&L		WB 118	AG242160.555214.242337.555289.	0. 48	4	
L&T	90	25	4.0 1600 33.4 1378 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	1675 3.3	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	1725 3.3	0. 56.	40.
1		NB Obs	AG242111.555169.242192.554949.	125 3.3	0. 44.	40.
2		NB Obs	AG242140.555089.242188.554959.	0. 24	2	
	90	72	4.0 125 33.4 1102 3 3			
1		NB Obs	AG242192.554949.242195.554846.	125 3.3	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	125 3.3	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	125 3.3	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	125 3.3	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	125 3.3	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	125 3.3	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	125 3.3	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	300 3.3	0. 44.	40.
1		SB Obs	AG242079.555169.241957.555461.	400 3.3	0. 44.	40.
2		SB Obs	AG242039.555264.241969.555432.	0. 24	2	
	90	72	4.0 400 33.4 1388 3 3			
1		SB Obs	AG241957.555461.241950.555566.	400 3.3	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	400 3.3	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	400 3.3	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	400 3.3	0. 44.	40.

				S15B115P	
0	1	SB Obs	AG241955.555956.241859.556126.	400 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	300 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	300 3.3	0. 44. 40.
1.0	0.4	1000.	0Y 5 0 72		

JOB: S15 B115 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:32:46.44

RUN: S15 B115 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	2225.	3.3	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241971.5	555074.1	*	89.	245. AG	263.	100.0	.0	72.0	.70 4.5
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	2225.	3.3	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	2225.	3.3	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	2100.	3.3	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	2100.	3.3	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	75.	3.3	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	1600.	3.3	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242210.3	555235.4	*	55.	67. AG	100.	100.0	.0	48.0	.44 2.8
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	1675.	3.3	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	1725.	3.3	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	1725.	3.3	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	1725.	3.3	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	1725.	3.3	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	125.	3.3	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242148.5	555066.1	*	24.	160. AG	143.	100.0	.0	24.0	.42 1.2
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	125.	3.3	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	125.	3.3	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	125.	3.3	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	125.	3.3	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	125.	3.3	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	125.	3.3	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	125.	3.3	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	300.	3.3	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	300.	3.3	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	300.	3.3	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	300.	3.3	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	300.	3.3	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	300.	3.3	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	300.	3.3	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	400.	3.3	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241924.3	555539.3	*	298.	337. AG	143.	100.0	.0	24.0	1.08 15.2
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	400.	3.3	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	400.	3.3	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	400.	3.3	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	400.	3.3	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	400.	3.3	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	300.	3.3	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	300.	3.3	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	300.	3.3	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	300.	3.3	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	300.	3.3	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	300.	3.3	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	300.	3.3	.0	44.0	

JOB: S15 B115 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:32:46.44

RUN: S15 B115 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 90	44	4.0	2225	1182	33.40	3	3
9. L&T	WB 118	* 90	25	4.0	1600	1378	33.40	3	3
16.	NB Obs	* 90	72	4.0	125	1102	33.40	3	3
32. 0	SB Obs	* 90	72	4.0	400	1388	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 5.0 * S15B115P
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B115 PM 118 & OBSERVATION

RUN: S15 B115 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
5.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
10.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
15.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.1	.2	.1
20.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.6	.6	.1	.2	.1
25.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.1	.1	.1
30.	*	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
35.	*	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
40.	*	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
45.	*	.0	.0	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
50.	*	.0	.0	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.1
55.	*	.0	.0	.1	.3	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.0
60.	*	.0	.0	.0	.3	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
65.	*	.0	.0	.0	.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1
70.	*	.0	.0	.0	.1	.2	.1	.2	.3	.1	.2	.2	.0	.0	.0	.0	.4	.4	.3	.3	.4
75.	*	.0	.0	.0	.1	.1	.1	.1	.4	.2	.3	.3	.0	.0	.0	.0	.4	.4	.4	.4	.4
80.	*	.0	.0	.0	.0	.1	.1	.0	.4	.3	.3	.3	.1	.0	.0	.0	.4	.4	.4	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0	.0	.0	.4	.6	.4	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0	.0	.0	.4	.6	.3	.4	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0	.0	.0	.4	.5	.3	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.0	.0	.0	.5	.5	.3	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.1	.0	.0	.5	.5	.4	.5	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.1	.0	.0	.7	.5	.3	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.2	.1	.0	.0	.8	.5	.3	.5	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.8	.5	.4	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.7	.4	.4	.6	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.7	.3	.4	.6	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.1	.5	.4	.3	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.1	.0	.1	.5	.3	.3	.7	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.2	.4	.3	.3	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.3	.4	.2	.4	.7	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.2	.0	.0	.4	.4	.3	.4	.7	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.0	.0	.4	.3	.4	.7	.3	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0	.0	.5	.4	.3	.5	.6	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.1	.1	.5	.3	.4	.5	.6	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.3	.2	.1	.4	.2	.4	.6	.5	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.3	.3	.3	.1	.3	.2	.4	.6	.5	.3
185.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.3	.4	.1	.3	.2	.4	.7	.4	.3
190.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.4	.3	.4	.2	.2	.2	.3	.7	.4	.3
195.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.4	.3	.4	.2	.1	.1	.3	.7	.4	.3
200.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.4	.3	.3	.4	.2	.1	.1	.3	.7	.3	.3
205.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.5	.4	.4	.3	.2	.1	.1	.1	.7	.3	.3

1

JOB: S15 B115 PM 118 & OBSERVATION

RUN: S15 B115 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.5	.4	.4	.3	.1	.0	.1	.1	.6	.4	.3
215.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.5	.4	.4	.3	.1	.0	.0	.2	.6	.3	.3
220.	*	.0	.0	.0	.2	.0	.0	.0	.3	.6	.4	.4	.3	.2	.1	.0	.0	.2	.5	.3	.4
225.	*	.0	.0	.0	.2	.0	.0	.0	.4	.6	.5	.3	.3	.2	.1	.0	.0	.1	.5	.3	.5
230.	*	.0	.0	.0	.2	.0	.0	.0	.4	.4	.5	.3	.2	.2	.1	.0	.0	.0	.4	.4	.5
235.	*	.0	.0	.0	.3	.2	.0	.1	.4	.4	.4	.3	.2	.2	.0	.0	.0	.0	.4	.4	.4
240.	*	.0	.0	.0	.3	.3	.3	.1	.4	.4	.4	.2	.2	.2	.0	.0	.0	.0	.3	.4	.2
245.	*	.0	.0	.0	.4	.3	.3	.2	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.2	.3	.2
250.	*	.0	.0	.0	.5	.3	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.1	.1
255.	*	.0	.0	.1	.4	.4	.4	.4	.1	.0	.0	.0	.3	.2	.0	.0	.0	.0	.1	.0	.1
260.	*	.0	.0	.1	.4	.4	.4	.4	.1	.1	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.2	.4	.5	.5	.4	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.2	.4	.5	.4	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.5	.5	.5	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.3	.6	.3	.4	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.2	.3	.4	.3	.4	.2	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.4	.4	.4	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.4	.3	.5	.4	.3	.0	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.2	.4	.4	.5	.4	.3	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.2	.4	.3	.5	.3	.3	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.2	.3	.4	.5	.3	.3	.0	.0	.0	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0
325.	*	.0	.1	.3	.3	.5	.3	.3	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.1	.0	.0
330.	*	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.1	.2	.1	.0	.0	.1	.2	.1	.0	.0
335.	*	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.1	.1	.1	.0	.0	.2	.3	.2	.0	.0
340.	*	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.0	.3	.3	.3	.0	.0
345.	*	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.3	.1	.0
350.	*	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.1	.0
355.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
360.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
MAX DEGR.	*	.1	.2	.4	.6	.5	.5	.4	.4	.6	.5	.4	.4	.4	.2	.5	.8	.6	.7	.7	.6

JOB: S15 B115 PM 118 & OBSERVATION

RUN: S15 B115 PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.4	1.1	.4	.3	.0	.0
5.	.0	.3	.3	1.1	.3	.2	.1	.0
10.	.0	.3	.4	1.1	.3	.2	.1	.0
15.	.0	.3	.5	1.1	.2	.3	.1	.0
20.	.0	.3	.5	1.0	.4	.3	.1	.0
25.	.0	.4	.6	1.0	.4	.2	.1	.0
30.	.0	.3	.6	.9	.3	.1	.1	.0
35.	.1	.4	.7	.9	.3	.1	.1	.0
40.	.1	.4	.7	.9	.4	.1	.1	.0
45.	.1	.3	.7	.9	.4	.1	.0	.0
50.	.0	.4	.7	.8	.4	.1	.0	.0
55.	.0	.4	.6	.8	.4	.1	.0	.0
60.	.2	.4	.5	.6	.3	.0	.0	.0
65.	.3	.4	.5	.5	.3	.0	.0	.0
70.	.4	.3	.4	.3	.3	.0	.0	.0
75.	.4	.1	.2	.3	.2	.0	.0	.0
80.	.5	.1	.1	.2	.1	.0	.0	.0
85.	.6	.1	.1	.0	.1	.0	.0	.0
90.	.5	.0	.0	.0	.1	.0	.0	.0
95.	.4	.0	.0	.0	.1	.0	.0	.0
100.	.4	.0	.0	.0	.1	.0	.0	.0
105.	.4	.0	.0	.0	.1	.0	.0	.0
110.	.4	.0	.0	.0	.0	.0	.0	.0
115.	.4	.0	.0	.0	.0	.0	.0	.0
120.	.4	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.0	.0	.0
130.	.3	.0	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.1
200.	.3	.0	.0	.0	.0	.0	.0	.1
205.	.3	.0	.0	.0	.0	.0	.0	.1

JOB: S15 B115 PM 118 & OBSERVATION

RUN: S15 B115 PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.1
215.	.3	.0	.0	.0	.0	.0	.0	.1
220.	.3	.1	.0	.0	.0	.0	.0	.1
225.	.3	.1	.1	.1	.1	.0	.0	.1
230.	.3	.1	.1	.1	.1	.0	.0	.1
235.	.2	.2	.1	.1	.2	.0	.0	.1
240.	.1	.2	.3	.2	.3	.0	.0	.0
245.	.1	.3	.3	.2	.4	.0	.0	.0
250.	.0	.3	.4	.3	.6	.0	.0	.0
255.	.0	.4	.5	.4	.6	.0	.0	.0
260.	.0	.4	.4	.4	.7	.1	.0	.0
265.	.0	.4	.4	.4	.8	.1	.0	.0
270.	.0	.4	.4	.4	.9	.1	.0	.0
275.	.0	.4	.4	.5	1.0	.1	.0	.0
280.	.0	.4	.4	.5	1.0	.1	.1	.0
285.	.0	.4	.2	.4	.8	.2	.1	.0
290.	.0	.4	.3	.4	.9	.2	.1	.0
295.	.0	.3	.3	.4	.9	.3	.1	.0
300.	.0	.3	.3	.5	.9	.3	.2	.0
305.	.0	.3	.3	.5	.8	.3	.2	.0
310.	.0	.3	.3	.5	.8	.3	.2	.0
315.	.0	.3	.3	.6	.7	.3	.2	.1
320.	.0	.3	.3	.5	.7	.3	.2	.1
325.	.0	.3	.3	.6	.6	.4	.2	.1
330.	.0	.3	.3	.8	.7	.4	.2	.1
335.	.0	.3	.3	.9	.6	.3	.3	.2
340.	.0	.3	.3	.9	.5	.3	.3	.2
345.	.0	.3	.3	1.0	.5	.2	.1	.1
350.	.0	.3	.3	1.0	.5	.3	.0	.1
355.	.0	.3	.3	1.0	.4	.1	.0	.1
360.	.0	.3	.4	1.1	.4	.3	.0	.0
MAX	.6	.4	.7	1.1	1.0	.4	.3	.2
DEGR.	85	25	35	0	275	325	335	335

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC24.

THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 275 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 115 DEGREES FROM REC16.

S15B115P

1

JOB: S15 B115 PM 118 & OBSERVATION
 DATE: 12/27/2006 TIME: 15:32:46.44

RUN: S15 B115 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 335	REC2 285	REC3 295	REC4 280	REC5 45	REC6 265	REC7 40	REC8 75	REC9 220	REC10 205	REC11 190	REC12 205	REC13 185	REC14 190	REC15 165	REC16 115	REC17 0	REC18 185	REC19 140	REC20 80
1	.0	.1	.1	.2	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1
2	.1	.1	.2	.2	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.4	.4	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.1	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.5	.5	.5	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B115 PM 118 & OBSERVATION
 DATE: 12/27/2006 TIME: 15:32:46.44

RUN: S15 B115 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 85	REC22 25	REC23 35	REC24 0	REC25 275	REC26 325	REC27 335	REC28 335
1	.2	.3	.3	.2	.3	.1	.1	.1
2	.1	.0	.3	.7	.6	.2	.1	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0
12	.2	.1	.0	.0	.0	.0	.0	.0
13	.1	.0	.0	.0	.1	.0	.0	.0
14	.0	.0	.1	.1	.0	.1	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.1	.0	.0	.1	.0

33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0

S15B115P

S15B215A

S15 B215 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B215 AM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	1650	3.3	0.	92.	40.
2		EB 118	AG242052.555112.241825.555005.			0.	72.	6
	70	40	4.0 1650 33.4 1245 3 3					
1		EB 118	AG241675.554935.241440.554769.	1650	3.3	0.	92.	40.
1		EB 118	AG241440.554769.241266.554607.	1650	3.3	0.	68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1500	3.3	0.	56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1500	3.3	0.	56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	50	3.3	0.	32.	40.
1		WB 118	AG242106.555191.242395.555314.	2075	3.3	0.	68.	40.
T&L		WB 118	AG242160.555214.242337.555289.			0.	48	4
L&T	70	19	4.0 2075 33.4 1375 3 3					
1		WB 118 all	AG242394.555324.243012.555565.	2125	3.3	0.	56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	2200	3.3	0.	56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	2200	3.3	0.	56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	2200	3.3	0.	56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	2200	3.3	0.	56.	40.
1		NB Obs	AG242111.555169.242192.554949.	75	3.3	0.	44.	40.
2		NB Obs	AG242140.555089.242188.554959.			0.	24	2
	70	56	4.0 75 33.4 1141 3 3					
1		NB Obs	AG242192.554949.242195.554846.	75	3.3	0.	44.	40.
1		NB Obs	AG242195.554846.242144.554764.	75	3.3	0.	44.	40.
1		NB Obs	AG242144.554764.241961.554593.	75	3.3	0.	44.	40.
1		NB Obs	AG241961.554593.241815.554458.	75	3.3	0.	44.	40.
1		NB Obs	AG241815.554458.241767.554406.	75	3.3	0.	44.	40.
1		NB Obs	AG241767.554406.241743.554351.	75	3.3	0.	44.	40.
1		NB Obs	AG241743.554351.241744.554224.	75	3.3	0.	44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	175	3.3	0.	44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	175	3.3	0.	44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	175	3.3	0.	44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	175	3.3	0.	44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	175	3.3	0.	44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	175	3.3	0.	44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	175	3.3	0.	44.	40.
1		SB Obs	AG242079.555169.241957.555461.	375	3.3	0.	44.	40.
2		SB Obs	AG242039.555264.241969.555432.			0.	24	2
	70	56	4.0 375 33.4 1463 3 3					
1		SB Obs	AG241957.555461.241950.555566.	375	3.3	0.	44.	40.
1		SB Obs	AG241950.555566.241981.555755.	375	3.3	0.	44.	40.
1		SB Obs	AG241981.555755.241981.555867.	375	3.3	0.	44.	40.
1		SB Obs	AG241981.555867.241955.555956.	375	3.3	0.	44.	40.

				S15B215A	
0	1	SB Obs	AG241955.555956.241859.556126.	375 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	350 3.3	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	350 3.3	0. 44. 40.
1.0	0.4	1000.	0Y 5 0 72		

JOB: S15 B215 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:35:23.41

RUN: S15 B215 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1650.	3.3	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241997.6	555086.4	*	60.	245. AG	307.	100.0	.0	72.0	.65 3.1
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1650.	3.3	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1650.	3.3	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1500.	3.3	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1500.	3.3	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	3.3	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2075.	3.3	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242209.5	555235.0	*	54.	67. AG	97.	100.0	.0	48.0	.59 2.7
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2125.	3.3	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2200.	3.3	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2200.	3.3	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2200.	3.3	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2200.	3.3	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	3.3	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242143.9	555078.4	*	11.	160. AG	143.	100.0	.0	24.0	.28 .6
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	3.3	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	3.3	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	3.3	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	3.3	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	3.3	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	3.3	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	3.3	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	175.	3.3	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	175.	3.3	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	175.	3.3	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	175.	3.3	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	175.	3.3	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	175.	3.3	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	175.	3.3	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	375.	3.3	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241914.0	555563.9	*	325.	337. AG	143.	100.0	.0	24.0	1.12 16.5
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	375.	3.3	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	375.	3.3	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	375.	3.3	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	375.	3.3	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	375.	3.3	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	350.	3.3	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	350.	3.3	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	350.	3.3	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	350.	3.3	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	350.	3.3	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	350.	3.3	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	350.	3.3	.0	44.0	

JOB: S15 B215 AM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:35:23.41

RUN: S15 B215 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 70	40	4.0	1650	1245	33.40	3	3
9. L&T	WB 118	* 70	19	4.0	2075	1375	33.40	3	3
16.	NB Obs	* 70	56	4.0	75	1141	33.40	3	3
32. 0	SB Obs	* 70	56	4.0	375	1463	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 5.0 * S15B215A
 27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
 28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B215 AM 118 & OBSERVATION

RUN: S15 B215 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.2	.1
5.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
10.	*	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.2	.2	.1
15.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.1	.2	.1
20.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.2	.1
25.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.1	.1	.1
30.	*	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
35.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
40.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
45.	*	.0	.0	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
50.	*	.0	.0	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.1
55.	*	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.0	.1
60.	*	.0	.0	.0	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1
65.	*	.0	.0	.0	.2	.3	.2	.3	.2	.1	.2	.2	.0	.0	.0	.0	.4	.4	.2	.2	.3
70.	*	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.4	.4	.3	.3	.4
75.	*	.0	.0	.0	.0	.1	.1	.1	.4	.3	.2	.2	.1	.0	.0	.0	.4	.5	.6	.4	.5
80.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.1	.0	.0	.0	.4	.6	.5	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.1	.1	.0	.0	.5	.5	.5	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.1	.1	.0	.0	.4	.6	.4	.5	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.2	.1	.0	.0	.4	.5	.4	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.6	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.5	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1	.0	.0	.6	.5	.4	.5	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.6	.4	.3	.5	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.4	.3	.5	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.4	.2	.6	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.7	.3	.3	.6	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.1	.5	.3	.3	.7	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.1	.1	.0	.1	.5	.3	.3	.7	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.2	.4	.1	.3	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.3	.5	.1	.4	.6	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.0	.0	.5	.4	.3	.4	.6	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.0	.0	.6	.3	.3	.5	.5	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.0	.0	.0	.6	.3	.3	.5	.5	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.1	.7	.2	.4	.6	.4	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.1	.2	.3	.1	.7	.2	.4	.6	.4	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.3	.3	.1	.6	.2	.4	.6	.3	.3
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.3	.3	.4	.1	.6	.1	.3	.7	.3	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.2	.5	.0	.3	.6	.3	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.5	.2	.5	.0	.3	.6	.3	.3
200.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.4	.3	.3	.2	.4	.0	.2	.6	.4	.4
205.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.4	.4	.2	.2	.4	.0	.2	.5	.4	.4

1

JOB: S15 B215 AM 118 & OBSERVATION

RUN: S15 B215 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.4	.4	.4	.2	.2	.3	.0	.2	.5	.4	.4
215.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.5	.5	.3	.2	.1	.3	.0	.2	.4	.4	.4
220.	*	.0	.0	.0	.1	.0	.0	.0	.5	.5	.6	.4	.4	.2	.1	.2	.0	.2	.4	.4	.5
225.	*	.0	.0	.0	.1	.0	.0	.0	.5	.5	.6	.4	.4	.2	.1	.2	.0	.2	.4	.5	.5
230.	*	.0	.0	.0	.1	.0	.0	.0	.4	.5	.5	.3	.2	.2	.1	.1	.0	.1	.4	.5	.4
235.	*	.0	.0	.0	.2	.0	.0	.1	.4	.6	.4	.3	.2	.2	.1	.1	.0	.0	.5	.5	.3
240.	*	.0	.0	.0	.3	.2	.1	.1	.3	.3	.4	.1	.2	.2	.1	.0	.0	.0	.5	.4	.3
245.	*	.0	.0	.0	.3	.3	.3	.1	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.3	.3	.2
250.	*	.0	.0	.0	.3	.3	.3	.2	.2	.1	.1	.0	.2	.2	.0	.0	.0	.0	.2	.2	.2
255.	*	.0	.0	.0	.4	.3	.3	.3	.2	.0	.0	.0	.3	.2	.0	.0	.0	.0	.1	.1	.1
260.	*	.0	.0	.1	.4	.4	.5	.3	.1	.1	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.4	.5	.5	.3	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.2	.4	.5	.4	.3	.1	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.2	.4	.4	.3	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.4	.4	.4	.3	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.3	.4	.4	.4	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.4	.4	.4	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.3	.3	.4	.3	.2	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.2	.3	.3	.4	.3	.2	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.1	.3	.3	.4	.3	.2	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0
320.	*	.0	.1	.3	.3	.4	.2	.2	.0	.0	.1	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0
325.	*	.0	.2	.2	.4	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0
330.	*	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.2	.1	.0	.0	.2	.2	.1	.0	.0
335.	*	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.1	.1	.0	.0	.2	.3	.2	.0	.0
340.	*	.1	.1	.3	.3	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.3	.4	.3	.0	.0
345.	*	.1	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.3	.1	.0
350.	*	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.0
355.	*	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.1	.0
360.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.2	.1
MAX DEGR.	*	.1	.2	.4	.4	.5	.5	.4	.5	.6	.6	.5	.4	.5	.2	.7	.7	.6	.7	.7	.6

JOB: S15 B215 AM 118 & OBSERVATION

RUN: S15 B215 AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.2	.3	.7	.3	.1	.0	.0	
5.	* .0	.3	.3	.8	.2	.2	.0	.0	
10.	* .0	.3	.4	.9	.2	.3	.1	.0	
15.	* .0	.3	.4	1.0	.3	.3	.1	.0	
20.	* .0	.3	.5	.9	.2	.2	.0	.0	
25.	* .0	.4	.5	.9	.3	.2	.0	.0	
30.	* .0	.4	.4	.8	.3	.2	.0	.0	
35.	* .1	.3	.5	.9	.3	.2	.0	.0	
40.	* .1	.3	.5	.9	.3	.1	.0	.0	
45.	* .1	.3	.6	.8	.3	.1	.0	.0	
50.	* .0	.2	.5	.8	.3	.1	.0	.0	
55.	* .2	.3	.6	.6	.4	.0	.0	.0	
60.	* .2	.3	.5	.6	.3	.0	.0	.0	
65.	* .2	.3	.3	.4	.2	.0	.0	.0	
70.	* .4	.1	.2	.3	.1	.0	.0	.0	
75.	* .5	.1	.2	.2	.1	.0	.0	.0	
80.	* .5	.1	.1	.0	.1	.0	.0	.0	
85.	* .5	.0	.0	.0	.1	.0	.0	.0	
90.	* .4	.0	.0	.0	.0	.0	.0	.0	
95.	* .3	.0	.0	.0	.0	.0	.0	.0	
100.	* .3	.0	.0	.0	.0	.0	.0	.0	
105.	* .3	.0	.0	.0	.0	.0	.0	.0	
110.	* .3	.0	.0	.0	.0	.0	.0	.0	
115.	* .3	.0	.0	.0	.0	.0	.0	.0	
120.	* .3	.0	.0	.0	.0	.0	.0	.0	
125.	* .3	.0	.0	.0	.0	.1	.0	.0	
130.	* .3	.0	.0	.0	.0	.1	.0	.0	
135.	* .3	.0	.0	.0	.0	.0	.0	.0	
140.	* .3	.0	.0	.0	.0	.0	.0	.0	
145.	* .3	.0	.0	.0	.0	.0	.0	.0	
150.	* .3	.0	.0	.0	.0	.0	.0	.0	
155.	* .3	.0	.0	.0	.0	.0	.0	.0	
160.	* .3	.0	.0	.0	.0	.0	.0	.0	
165.	* .3	.0	.0	.0	.0	.0	.0	.0	
170.	* .3	.0	.0	.0	.0	.0	.0	.0	
175.	* .3	.0	.0	.0	.0	.0	.0	.0	
180.	* .4	.0	.0	.0	.0	.0	.0	.0	
185.	* .3	.0	.0	.0	.0	.0	.0	.0	
190.	* .3	.0	.0	.0	.0	.0	.0	.1	
195.	* .3	.0	.0	.0	.0	.0	.0	.1	
200.	* .4	.0	.0	.0	.0	.0	.0	.1	
205.	* .4	.0	.0	.0	.0	.0	.0	.1	

JOB: S15 B215 AM 118 & OBSERVATION

RUN: S15 B215 AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .4	.0	.0	.0	.0	.0	.0	.1	
215.	* .4	.0	.0	.0	.0	.0	.0	.1	
220.	* .4	.0	.0	.0	.0	.0	.0	.1	
225.	* .5	.1	.0	.0	.0	.0	.0	.1	
230.	* .4	.1	.1	.1	.1	.0	.0	.1	
235.	* .3	.1	.1	.1	.1	.0	.0	.1	
240.	* .1	.2	.1	.1	.2	.0	.0	.0	
245.	* .1	.3	.2	.2	.3	.0	.0	.0	
250.	* .1	.3	.3	.3	.4	.0	.0	.0	
255.	* .0	.4	.3	.3	.6	.0	.0	.0	
260.	* .0	.3	.3	.3	.6	.0	.0	.0	
265.	* .0	.3	.3	.3	.7	.1	.0	.0	
270.	* .0	.4	.3	.4	.7	.1	.0	.0	
275.	* .0	.3	.3	.3	.8	.1	.0	.0	
280.	* .0	.3	.3	.3	.8	.1	.0	.0	
285.	* .0	.3	.4	.3	.9	.1	.0	.0	
290.	* .0	.3	.3	.3	.9	.2	.1	.0	
295.	* .0	.3	.3	.3	.9	.2	.1	.0	
300.	* .0	.3	.3	.3	.9	.2	.1	.0	
305.	* .0	.3	.2	.2	.8	.3	.1	.0	
310.	* .0	.3	.2	.2	.8	.3	.2	.0	
315.	* .0	.3	.2	.2	.7	.4	.2	.0	
320.	* .0	.2	.2	.2	.7	.4	.2	.0	
325.	* .0	.2	.2	.2	.6	.4	.2	.0	
330.	* .0	.2	.3	.3	.7	.4	.1	.0	
335.	* .0	.2	.3	.4	.6	.4	.2	.0	
340.	* .0	.2	.3	.4	.6	.5	.2	.1	
345.	* .0	.2	.2	.5	.4	.4	.1	.1	
350.	* .0	.2	.2	.6	.4	.2	.2	.1	
355.	* .0	.2	.2	.6	.3	.1	.1	.1	
360.	* .0	.2	.3	.7	.3	.1	.0	.0	
MAX	* .5	.4	.6	1.0	.9	.5	.2	.1	
DEGR.	* 75	25	45	15	285	340	310	190	

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 15 DEGREES FROM REC24.

THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 285 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 170 DEGREES FROM REC15.

S15B215A

1

JOB: S15 B215 AM 118 & OBSERVATION
 DATE: 12/27/2006 TIME: 15:35:23.41

RUN: S15 B215 AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 340	REC2 290	REC3 295	REC4 50	REC5 265	REC6 260	REC7 45	REC8 220	REC9 235	REC10 220	REC11 215	REC12 205	REC13 195	REC14 190	REC15 170	REC16 120	REC17 0	REC18 185	REC19 135	REC20 80
1	*	.0	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0
2	*	.1	.1	.2	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.4	.4	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	*	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.2	.2	.2
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.7	.5	.5	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B215 AM 118 & OBSERVATION
 DATE: 12/27/2006 TIME: 15:35:23.41

RUN: S15 B215 AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 75	REC22 25	REC23 45	REC24 15	REC25 285	REC26 340	REC27 310	REC28 190
1	*	.1	.2	.2	.2	.1	.1	.0	.0
2	*	.1	.0	.2	.6	.6	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.1	.0	.0	.0	.0	.0	.0
13	*	.1	.1	.0	.0	.1	.0	.0	.0
14	*	.0	.0	.1	.1	.0	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.0	.1	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.1	.0	.0

S15B215A

S15B215P

S15 B215 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B215 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2200 3.3	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	90	44	4.0 2200 33.4 1184 3 3			
1		EB 118	AG241675.554935.241440.554769.	2200 3.3	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2200 3.3	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	2100 3.3	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	2100 3.3	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	75 3.3	0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	1600 3.3	0. 68.	40.
T&L		WB 118	AG242160.555214.242337.555289.	0. 48	4	
L&T	90	25	4.0 1600 33.4 1328 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	1675 3.3	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	1725 3.3	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	1725 3.3	0. 56.	40.
1		NB Obs	AG242111.555169.242192.554949.	150 3.3	0. 44.	40.
2		NB Obs	AG242140.555089.242188.554959.	0. 24	2	
	90	71	4.0 150 33.4 1126 3 3			
1		NB Obs	AG242192.554949.242195.554846.	150 3.3	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	150 3.3	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	150 3.3	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	150 3.3	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	150 3.3	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	150 3.3	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	150 3.3	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	300 3.3	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	300 3.3	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	300 3.3	0. 44.	40.
1		SB Obs	AG242079.555169.241957.555461.	425 3.3	0. 44.	40.
2		SB Obs	AG242039.555264.241969.555432.	0. 24	2	
	90	71	4.0 425 33.4 1388 3 3			
1		SB Obs	AG241957.555461.241950.555566.	425 3.3	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	425 3.3	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	425 3.3	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	425 3.3	0. 44.	40.

						S15B215P	
0	1	SB Obs	AG241955.555956.241859.556126.	425	3.3	0.44.	40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	325	3.3	0.44.	40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	325	3.3	0.44.	40.
1.0	0.4	1000.	0Y 5 0 72				

JOB: S15 B215 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:36:52.89

RUN: S15 B215 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	*	242113.0	555140.0	241675.0	554935.0	484.	245. AG	2200.	3.3	.0	92.0	
2.	EB 118	*	242052.0	555112.0	241972.4	555074.5	88.	245. AG	263.	100.0	.0	72.0	.70 4.5
3. 0	EB 118	*	241675.0	554935.0	241440.0	554769.0	288.	235. AG	2200.	3.3	.0	92.0	
4. 0	EB 118	*	241440.0	554769.0	241266.0	554607.0	238.	227. AG	2200.	3.3	.0	68.0	
5. 0	EB 118 Dp	*	243037.0	555505.0	242630.0	555358.0	433.	250. AG	2100.	3.3	.0	56.0	
6. 0	EB 118 Dp	*	242630.0	555358.0	242113.0	555137.0	562.	247. AG	2100.	3.3	.0	56.0	
7. 0	WB 118 R	*	242093.0	555219.0	242382.0	555337.0	312.	68. AG	75.	3.3	.0	32.0	
8. T&L	WB 118	*	242106.0	555191.0	242395.0	555314.0	314.	67. AG	1600.	3.3	.0	68.0	
9. L&T	WB 118	*	242160.0	555214.0	242210.3	555235.4	55.	67. AG	100.	100.0	.0	48.0	.46 2.8
10.	WB 118 all	*	242394.0	555324.0	243012.0	555565.0	663.	69. AG	1675.	3.3	.0	56.0	
11. 0	WB 118 dp	*	241238.0	554660.0	241458.0	554852.0	292.	49. AG	1725.	3.3	.0	56.0	
12. 0	WB 118 dp	*	241458.0	554852.0	241778.0	555049.0	376.	58. AG	1725.	3.3	.0	56.0	
13. 0	WB 118 dp	*	241778.0	555049.0	241931.0	555126.0	171.	63. AG	1725.	3.3	.0	56.0	
14. 0	WB 118 dp	*	241931.0	555126.0	242107.0	555193.0	188.	69. AG	1725.	3.3	.0	56.0	
15. 0	NB Obs	*	242111.0	555169.0	242192.0	554949.0	234.	160. AG	150.	3.3	.0	44.0	
16.	NB Obs	*	242140.0	555089.0	242150.1	555061.7	29.	160. AG	141.	100.0	.0	24.0	.46 1.5
17. 0	NB Obs	*	242192.0	554949.0	242195.0	554846.0	103.	178. AG	150.	3.3	.0	44.0	
18. 0	NB Obs	*	242195.0	554846.0	242144.0	554764.0	97.	212. AG	150.	3.3	.0	44.0	
19. 0	NB Obs	*	242144.0	554764.0	241961.0	554593.0	250.	227. AG	150.	3.3	.0	44.0	
20. 0	NB Obs	*	241961.0	554593.0	241815.0	554458.0	199.	227. AG	150.	3.3	.0	44.0	
21. 0	NB Obs	*	241815.0	554458.0	241767.0	554406.0	71.	223. AG	150.	3.3	.0	44.0	
22. 0	NB Obs	*	241767.0	554406.0	241743.0	554351.0	60.	204. AG	150.	3.3	.0	44.0	
23. 0	NB Obs	*	241743.0	554351.0	241744.0	554224.0	127.	180. AG	150.	3.3	.0	44.0	
24. 0	NB Obs dp	*	241895.0	556131.0	241962.0	556022.0	128.	148. AG	300.	3.3	.0	44.0	
25. 0	NB Obs dp	*	241962.0	556022.0	242003.0	555922.0	108.	158. AG	300.	3.3	.0	44.0	
26. 0	NB Obs dp	*	242003.0	555922.0	242015.0	555784.0	139.	175. AG	300.	3.3	.0	44.0	
27. 0	NB Obs dp	*	242015.0	555784.0	241983.0	555623.0	164.	191. AG	300.	3.3	.0	44.0	
28. 0	NB Obs dp	*	241983.0	555623.0	241972.0	555520.0	104.	186. AG	300.	3.3	.0	44.0	
29. 0	NB Obs dp	*	241972.0	555520.0	242019.0	555375.0	152.	162. AG	300.	3.3	.0	44.0	
30. 0	NB Obs dp	*	242019.0	555375.0	242110.0	555171.0	223.	156. AG	300.	3.3	.0	44.0	
31. 0	SB Obs	*	242079.0	555169.0	241957.0	555461.0	316.	337. AG	425.	3.3	.0	44.0	
32. 0	SB Obs	*	242039.0	555264.0	241933.7	555516.6	274.	337. AG	141.	100.0	.0	24.0	1.06 13.9
33. 0	SB Obs	*	241957.0	555461.0	241950.0	555566.0	105.	356. AG	425.	3.3	.0	44.0	
34. 0	SB Obs	*	241950.0	555566.0	241981.0	555755.0	192.	9. AG	425.	3.3	.0	44.0	
35. 0	SB Obs	*	241981.0	555755.0	241981.0	555867.0	112.	360. AG	425.	3.3	.0	44.0	
36. 0	SB Obs	*	241981.0	555867.0	241955.0	555956.0	93.	344. AG	425.	3.3	.0	44.0	
37. 0	SB Obs	*	241955.0	555956.0	241859.0	556126.0	195.	331. AG	425.	3.3	.0	44.0	
38. 0	SB Obs dp	*	241724.0	554234.0	241724.0	554307.0	73.	360. AG	325.	3.3	.0	44.0	
39. 0	SB Obs dp	*	241724.0	554307.0	241738.0	554373.0	67.	12. AG	325.	3.3	.0	44.0	
40. 0	SB Obs dp	*	241738.0	554373.0	241774.0	554436.0	73.	30. AG	325.	3.3	.0	44.0	
41. 0	SB Obs dp	*	241774.0	554436.0	242128.0	554770.0	487.	47. AG	325.	3.3	.0	44.0	
42. 0	SB Obs dp	*	242128.0	554770.0	242177.0	554849.0	93.	32. AG	325.	3.3	.0	44.0	
43. 0	SB Obs dp	*	242177.0	554849.0	242177.0	554928.0	79.	360. AG	325.	3.3	.0	44.0	
44. 0	SB Obs dp	*	242177.0	554928.0	242079.0	555168.0	259.	338. AG	325.	3.3	.0	44.0	

JOB: S15 B215 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:36:52.89

RUN: S15 B215 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	*	90	44	4.0	2200	1184	33.40	3 3
9. L&T	WB 118	*	90	25	4.0	1600	1328	33.40	3 3
16.	NB Obs	*	90	71	4.0	150	1126	33.40	3 3
32. 0	SB Obs	*	90	71	4.0	425	1388	33.40	3 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 5.0 * S15B215P
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B215 PM 118 & OBSERVATION

RUN: S15 B215 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
5.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
10.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	.2	.1
15.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.2	.2	.1
20.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.6	.6	.1	.2	.1
25.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.6	.5	.1	.1	.1
30.	*	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.0	.1	.1
35.	*	.0	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
40.	*	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
45.	*	.0	.0	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
50.	*	.0	.0	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.0	.1
55.	*	.0	.0	.1	.3	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.0	.0
60.	*	.0	.0	.0	.3	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
65.	*	.0	.0	.0	.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1
70.	*	.0	.0	.0	.1	.2	.1	.2	.3	.1	.2	.2	.0	.0	.0	.0	.4	.4	.3	.3	.4
75.	*	.0	.0	.0	.1	.1	.1	.1	.4	.2	.3	.3	.0	.0	.0	.0	.4	.4	.4	.4	.4
80.	*	.0	.0	.0	.0	.1	.1	.0	.4	.3	.3	.3	.1	.0	.0	.0	.4	.4	.4	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.0	.0	.0	.4	.6	.4	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.1	.0	.0	.0	.4	.5	.3	.4	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0	.0	.0	.4	.5	.3	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.0	.0	.0	.5	.5	.3	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.1	.0	.0	.6	.5	.4	.5	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3	.2	.1	.0	.0	.8	.6	.3	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.2	.1	.0	.0	.8	.5	.3	.5	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.8	.5	.4	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.7	.4	.4	.6	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.7	.3	.4	.6	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.2	.0	.0	.5	.4	.3	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.1	.0	.1	.5	.3	.3	.7	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.1	.4	.3	.3	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.2	.4	.2	.4	.7	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.2	.0	.0	.3	.4	.3	.4	.7	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.0	.0	.3	.3	.3	.4	.7	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0	.0	.3	.4	.3	.5	.6	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.1	.1	.3	.3	.4	.5	.6	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.3	.2	.1	.3	.2	.4	.6	.5	.3
180.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.3	.3	.1	.2	.2	.4	.6	.5	.3
185.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.3	.4	.1	.1	.2	.4	.7	.4	.3
190.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.4	.3	.4	.2	.1	.2	.3	.7	.4	.3
195.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.4	.3	.4	.1	.1	.1	.3	.7	.4	.3
200.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.4	.3	.3	.4	.1	.0	.1	.3	.7	.3	.3
205.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.5	.4	.4	.3	.1	.0	.1	.7	.3	.3	.3

1

JOB: S15 B215 PM 118 & OBSERVATION

RUN: S15 B215 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.5	.4	.4	.3	.1	.0	.1	.1	.6	.3	.3
215.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.5	.4	.4	.3	.1	.0	.0	.2	.6	.3	.3
220.	*	.0	.0	.0	.2	.0	.0	.0	.3	.6	.4	.4	.2	.2	.1	.0	.0	.2	.5	.3	.4
225.	*	.0	.0	.0	.2	.0	.0	.0	.4	.6	.5	.3	.3	.2	.0	.0	.0	.1	.5	.3	.5
230.	*	.0	.0	.0	.2	.0	.0	.0	.4	.4	.5	.3	.2	.2	.0	.0	.0	.0	.4	.4	.5
235.	*	.0	.0	.0	.3	.2	.0	.1	.4	.4	.4	.3	.2	.2	.0	.0	.0	.0	.4	.4	.4
240.	*	.0	.0	.0	.3	.3	.3	.1	.4	.4	.4	.2	.2	.2	.0	.0	.0	.0	.3	.4	.2
245.	*	.0	.0	.0	.4	.3	.3	.2	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.2	.3	.2
250.	*	.0	.0	.0	.5	.3	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.1	.1
255.	*	.0	.0	.1	.4	.4	.4	.4	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.0	.1
260.	*	.0	.0	.1	.4	.4	.4	.4	.1	.1	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.2	.4	.5	.5	.4	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.2	.4	.5	.4	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.5	.5	.5	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.3	.6	.3	.4	.4	.0	.1	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.2	.3	.4	.3	.4	.2	.0	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.4	.4	.4	.5	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.4	.3	.5	.4	.3	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.2	.4	.4	.5	.4	.3	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.2	.4	.3	.5	.3	.3	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.2	.3	.4	.5	.3	.3	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.1	.3	.3	.5	.3	.3	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.1	.0	.0
330.	*	.0	.1	.3	.4	.4	.3	.3	.0	.0	.0	.1	.1	.1	.0	.0	.1	.2	.1	.0	.0
335.	*	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2	.0	.0
340.	*	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.3	.3	.3	.0	.0
345.	*	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.3	.0	.0
350.	*	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.1	.0
355.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
360.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.4	.1	.0
MAX DEGR.	*	.1	.2	.4	.6	.5	.5	.4	.4	.6	.5	.4	.4	.4	.2	.3	.8	.6	.7	.7	.6

JOB: S15 B215 PM 118 & OBSERVATION

RUN: S15 B215 PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.4	1.1	.4	.3	.0	.0	.0
5.	.0	.3	.3	1.1	.3	.3	.1	.0	.0
10.	.0	.3	.4	1.1	.3	.3	.1	.0	.0
15.	.0	.3	.5	1.1	.2	.3	.1	.0	.0
20.	.0	.3	.5	1.0	.4	.3	.1	.0	.0
25.	.0	.3	.6	1.0	.4	.3	.1	.0	.0
30.	.0	.3	.6	.9	.3	.1	.1	.0	.0
35.	.0	.4	.7	.9	.3	.1	.1	.0	.0
40.	.0	.4	.7	.9	.4	.1	.1	.0	.0
45.	.0	.3	.7	.9	.4	.1	.0	.0	.0
50.	.0	.4	.7	.8	.4	.1	.0	.0	.0
55.	.0	.4	.6	.8	.4	.1	.0	.0	.0
60.	.2	.4	.5	.6	.3	.0	.0	.0	.0
65.	.3	.3	.5	.5	.3	.0	.0	.0	.0
70.	.4	.3	.4	.3	.3	.0	.0	.0	.0
75.	.4	.1	.2	.3	.2	.0	.0	.0	.0
80.	.5	.1	.1	.2	.1	.0	.0	.0	.0
85.	.6	.1	.1	.0	.1	.0	.0	.0	.0
90.	.5	.0	.0	.0	.1	.0	.0	.0	.0
95.	.4	.0	.0	.0	.1	.0	.0	.0	.0
100.	.4	.0	.0	.0	.1	.0	.0	.0	.0
105.	.4	.0	.0	.0	.1	.0	.0	.0	.0
110.	.4	.0	.0	.0	.1	.0	.0	.0	.0
115.	.4	.0	.0	.0	.0	.0	.0	.0	.0
120.	.3	.0	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.0	.0	.0	.0
130.	.3	.0	.0	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0	.1
195.	.3	.0	.0	.0	.0	.0	.0	.0	.1
200.	.3	.0	.0	.0	.0	.0	.0	.0	.1
205.	.3	.0	.0	.0	.0	.0	.0	.0	.1

JOB: S15 B215 PM 118 & OBSERVATION

RUN: S15 B215 PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	.1
215.	.3	.0	.0	.0	.0	.0	.0	.0	.1
220.	.3	.1	.0	.0	.0	.0	.0	.0	.1
225.	.3	.1	.1	.1	.0	.0	.0	.0	.1
230.	.3	.1	.1	.1	.1	.0	.0	.0	.1
235.	.2	.2	.1	.1	.2	.0	.0	.0	.1
240.	.1	.2	.3	.2	.3	.0	.0	.0	.0
245.	.1	.3	.3	.2	.4	.0	.0	.0	.0
250.	.0	.3	.4	.3	.6	.0	.0	.0	.0
255.	.0	.4	.5	.4	.6	.0	.0	.0	.0
260.	.0	.4	.4	.4	.7	.1	.0	.0	.0
265.	.0	.4	.4	.4	.8	.1	.0	.0	.0
270.	.0	.4	.4	.3	.9	.1	.0	.0	.0
275.	.0	.4	.4	.5	1.0	.1	.0	.0	.0
280.	.0	.4	.4	.5	.9	.1	.1	.0	.0
285.	.0	.4	.2	.4	.8	.2	.1	.0	.0
290.	.0	.4	.3	.4	.9	.2	.1	.0	.0
295.	.0	.3	.3	.4	.9	.3	.1	.0	.0
300.	.0	.3	.3	.4	.9	.3	.1	.0	.0
305.	.0	.3	.3	.5	.8	.3	.2	.0	.0
310.	.0	.3	.3	.5	.8	.3	.2	.0	.0
315.	.0	.3	.3	.6	.7	.3	.2	.0	.0
320.	.0	.3	.3	.5	.7	.3	.2	.1	.0
325.	.0	.3	.3	.6	.6	.4	.2	.1	.0
330.	.0	.3	.3	.8	.7	.4	.2	.1	.0
335.	.0	.3	.3	.9	.6	.3	.3	.2	.0
340.	.0	.3	.3	.9	.5	.3	.3	.2	.0
345.	.0	.3	.3	1.0	.5	.3	.1	.1	.0
350.	.0	.3	.3	1.0	.5	.3	.0	.1	.0
355.	.0	.3	.3	1.0	.4	.2	.0	.1	.0
360.	.0	.3	.4	1.1	.4	.3	.0	.0	.0
MAX	.6	.4	.7	1.1	1.0	.4	.3	.2	
DEGR.	85	35	35	0	275	325	335	335	

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC24.

S15B215P
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 275 DEGREES FROM REC25.
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 110 DEGREES FROM REC16.

1

JOB: S15 B215 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:36:52.89

RUN: S15 B215 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 335	REC2 285	REC3 295	REC4 280	REC5 45	REC6 265	REC7 40	REC8 75	REC9 220	REC10 205	REC11 190	REC12 205	REC13 185	REC14 190	REC15 155	REC16 110	REC17 0	REC18 185	REC19 140	REC20 80
1	*	.0	.1	.1	.2	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1
2	*	.1	.1	.2	.2	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.4	.4	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.1	.3	.3	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.5	.5	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B215 PM 118 & OBSERVATION
DATE: 12/27/2006 TIME: 15:36:52.89

RUN: S15 B215 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 85	REC22 35	REC23 35	REC24 0	REC25 275	REC26 325	REC27 335	REC28 335
1	*	.2	.3	.3	.2	.3	.1	.1	.1
2	*	.1	.0	.3	.7	.6	.2	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.0	.0	.0	.0	.0	.0	.0
13	*	.1	.1	.0	.0	.1	.0	.0	.0
14	*	.0	.0	.1	.1	.0	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.0	.0	.1	.0

33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0

S15B215P

S15NB30A.DAT

S15 NB30 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 NB30 AM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	1875 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	75	41	4.0 1875 29.1 1226 3 3			
0	1	EB 118	AG241675.554935.241440.554769.	1875 2.9	0. 92.	40.
0	1	EB 118	AG241440.554769.241266.554607.	1875 2.9	0. 68.	40.
0	1	EB 118 Dp	AG243037.555505.242630.555358.	1650 2.9	0. 56.	40.
0	1	EB 118 Dp	AG242630.555358.242113.555137.	1650 2.9	0. 56.	40.
0	1	WB 118 R	AG242093.555219.242382.555337.	25 2.9	0. 32.	40.
1	T&L	WB 118	AG242106.555191.242395.555314.	2400 2.9	0. 68.	40.
2	L&T	WB 118	AG242160.555214.242337.555289.	0. 48	4	
	75	20	4.0 2400 29.1 1360 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	2425 2.9	0. 56.	40.
0	1	WB 118 dp	AG241238.554660.241458.554852.	2575 2.9	0. 56.	40.
0	1	WB 118 dp	AG241458.554852.241778.555049.	2575 2.9	0. 56.	40.
0	1	WB 118 dp	AG241778.555049.241931.555126.	2575 2.9	0. 56.	40.
0	1	WB 118 dp	AG241931.555126.242107.555193.	2575 2.9	0. 56.	40.
0	2	NB Obs	AG242111.555169.242192.554949.	75 2.9	0. 44.	40.
	75	59	4.0 75 29.1 1138 3 3	0. 24	2	
0	1	NB Obs	AG242192.554949.242195.554846.	75 2.9	0. 44.	40.
0	1	NB Obs	AG242195.554846.242144.554764.	75 2.9	0. 44.	40.
0	1	NB Obs	AG242144.554764.241961.554593.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241961.554593.241815.554458.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241815.554458.241767.554406.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241767.554406.241743.554351.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241743.554351.241744.554224.	75 2.9	0. 44.	40.
0	1	NB Obs dp	AG241895.556131.241962.556022.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241962.556022.242003.555922.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242003.555922.242015.555784.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242015.555784.241983.555623.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241983.555623.241972.555520.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241972.555520.242019.555375.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242019.555375.242110.555171.	175 2.9	0. 44.	40.
0	2	SB Obs	AG242079.555169.241957.555461.	375 2.9	0. 44.	40.
	75	59	4.0 375 29.1 1447 3 3	0. 24	2	
0	1	SB Obs	AG241957.555461.241950.555566.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241950.555566.241981.555755.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555755.241981.555867.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555867.241955.555956.	375 2.9	0. 44.	40.

		S15NB30A.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	350 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	350 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 NB30 AM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:18.65

RUN: S15 NB30 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1875.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241988.7	555082.2	*	70.	245. AG	256.	100.0	.0	72.0	.68 3.6
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1875.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1875.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1650.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1650.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	25.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2400.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242220.4	555239.6	*	66.	67. AG	83.	100.0	.0	48.0	.68 3.3
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2425.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2575.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2575.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2575.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2575.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242144.1	555077.8	*	12.	160. AG	123.	100.0	.0	24.0	.25 .6
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	175.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	175.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	175.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	175.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	175.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	175.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	175.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	375.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241994.2	555371.5	*	116.	337. AG	123.	100.0	.0	24.0	.97 5.9
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	375.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	375.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	375.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	375.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	375.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	350.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	350.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	350.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	350.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	350.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	350.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	350.	2.9	.0	44.0	

JOB: S15 NB30 AM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:18.65

RUN: S15 NB30 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 75	41	4.0	1875	1226	29.10	3	3
9. L&T	WB 118	* 75	20	4.0	2400	1360	29.10	3	3
16.	NB Obs	* 75	59	4.0	75	1138	29.10	3	3
32. 0	SB Obs	* 75	59	4.0	375	1447	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15NB30A.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 NB30 AM 118 & OBSERVATION

RUN: S15 NB30 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
5.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0
10.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
15.	*	.0	.1	.2	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
20.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
25.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.1	.0
30.	*	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.1	.1
35.	*	.0	.0	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.1	.1
40.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.1	.1
45.	*	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.1	.1
50.	*	.0	.0	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0
55.	*	.0	.0	.1	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1
60.	*	.0	.0	.0	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.2	.1
65.	*	.0	.0	.0	.2	.3	.2	.3	.2	.1	.2	.2	.0	.0	.0	.0	.3	.3	.2	.2	.3
70.	*	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.3	.3	.3	.3	.4
75.	*	.0	.0	.0	.0	.1	.1	.1	.4	.3	.2	.2	.1	.0	.0	.0	.3	.4	.6	.4	.5
80.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.1	.0	.0	.0	.3	.5	.5	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.4	.1	.1	.0	.0	.4	.4	.5	.5	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.1	.1	.0	.0	.4	.4	.4	.5	.5
95.	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.1	.1	.0	.0	.4	.5	.4	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.5	.5	.4	.5	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.5	.4	.4	.5	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1	.0	.0	.5	.4	.4	.5	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.4	.3	.6	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.5	.3	.3	.5	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.5	.2	.2	.5	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.2	.3	.6	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.2	.3	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.1	.1	.0	.0	.4	.1	.3	.6	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.1	.0	.0	.4	.1	.3	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.1	.0	.0	.3	.1	.4	.6	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.0	.0	.0	.4	.3	.4	.6	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.0	.0	.1	.3	.3	.4	.6	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.1	.0	.0	.1	.3	.3	.5	.5	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.1	.0	.0	.0	.2	.4	.5	.5	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.1	.2	.3	.0	.0	.2	.4	.6	.4	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.3	.3	.0	.0	.2	.4	.6	.4	.3
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.3	.3	.3	.0	.0	.1	.3	.6	.3	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.0	.0	.0	.3	.6	.3	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.0	.0	.0	.3	.6	.3	.4
200.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.3	.0	.0	.0	.2	.6	.4	.4
205.	*	.0	.0	.0	.1	.0	.0	.0	.4	.3	.5	.3	.4	.2	.0	.0	.1	.2	.5	.4	.4

1

JOB: S15 NB30 AM 118 & OBSERVATION

RUN: S15 NB30 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.4	.5	.4	.2	.0	.0	.0	.3	.6	.4	.4
215.	*	.0	.0	.0	.1	.0	.0	.0	.4	.4	.5	.4	.3	.2	.0	.0	.0	.2	.5	.4	.5
220.	*	.0	.0	.0	.1	.0	.0	.0	.5	.5	.6	.4	.3	.2	.0	.0	.0	.2	.5	.4	.5
225.	*	.0	.0	.0	.1	.0	.0	.0	.5	.5	.6	.4	.2	.2	.0	.0	.0	.2	.4	.5	.5
230.	*	.0	.0	.0	.1	.0	.0	.0	.4	.6	.4	.4	.2	.2	.0	.0	.0	.1	.4	.5	.4
235.	*	.0	.0	.0	.2	.0	.0	.1	.4	.6	.4	.3	.2	.2	.0	.0	.0	.0	.5	.5	.3
240.	*	.0	.0	.0	.3	.2	.1	.1	.3	.4	.4	.2	.2	.2	.0	.0	.0	.0	.5	.4	.3
245.	*	.0	.0	.0	.3	.3	.3	.1	.3	.2	.2	.1	.2	.1	.0	.0	.0	.0	.3	.3	.2
250.	*	.0	.0	.0	.3	.3	.3	.3	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2
255.	*	.0	.0	.0	.4	.3	.3	.3	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.1	.1
260.	*	.0	.0	.1	.4	.4	.5	.3	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.4	.4	.4	.3	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.2	.4	.5	.4	.3	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.2	.4	.3	.4	.3	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.3	.4	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.3	.4	.4	.4	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.4	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.4	.3	.3	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.3	.3	.3	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.3	.3	.4	.2	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.2	.3	.2	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.1	.3	.2	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.1	.2	.3	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
335.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
340.	*	.1	.0	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
345.	*	.1	.0	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
350.	*	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
355.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
360.	*	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
MAX DEGR.	*	.1	.2	.4	.4	.5	.5	.4	.5	.6	.6	.5	.4	.4	.0	.1	.5	.5	.6	.7	.6

JOB: S15 NB30 AM 118 & OBSERVATION

RUN: S15 NB30 AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.2	.2	.8	.2	.1	.0	.0	
5.	.0	.3	.3	.8	.2	.2	.0	.0	
10.	.0	.3	.3	.8	.2	.2	.1	.0	
15.	.0	.3	.3	.9	.3	.2	.1	.0	
20.	.0	.3	.4	.9	.2	.2	.0	.0	
25.	.0	.4	.4	.9	.3	.2	.0	.0	
30.	.0	.4	.4	.8	.3	.2	.0	.0	
35.	.0	.3	.5	.9	.3	.2	.0	.0	
40.	.0	.3	.5	.9	.3	.1	.0	.0	
45.	.0	.3	.6	.8	.3	.1	.0	.0	
50.	.0	.3	.5	.8	.3	.2	.0	.0	
55.	.2	.3	.6	.6	.4	.0	.0	.0	
60.	.2	.3	.5	.6	.4	.0	.0	.0	
65.	.2	.2	.3	.4	.2	.0	.0	.0	
70.	.4	.1	.2	.3	.1	.0	.0	.0	
75.	.5	.1	.2	.2	.0	.0	.0	.0	
80.	.5	.1	.1	.0	.0	.0	.0	.0	
85.	.5	.0	.0	.0	.0	.0	.0	.0	
90.	.4	.0	.0	.0	.0	.0	.0	.0	
95.	.3	.0	.0	.0	.0	.0	.0	.0	
100.	.3	.0	.0	.0	.0	.0	.0	.0	
105.	.3	.0	.0	.0	.0	.0	.0	.0	
110.	.3	.0	.0	.0	.0	.0	.0	.0	
115.	.3	.0	.0	.0	.0	.0	.0	.0	
120.	.3	.0	.0	.0	.0	.0	.0	.0	
125.	.3	.0	.0	.0	.0	.0	.0	.0	
130.	.3	.0	.0	.0	.0	.0	.0	.0	
135.	.3	.0	.0	.0	.0	.0	.0	.0	
140.	.3	.0	.0	.0	.0	.0	.0	.0	
145.	.3	.0	.0	.0	.0	.0	.0	.0	
150.	.3	.0	.0	.0	.0	.0	.0	.0	
155.	.3	.0	.0	.0	.0	.0	.0	.0	
160.	.3	.0	.0	.0	.0	.0	.0	.0	
165.	.3	.0	.0	.0	.0	.0	.0	.0	
170.	.3	.0	.0	.0	.0	.0	.0	.0	
175.	.3	.0	.0	.0	.0	.0	.0	.0	
180.	.4	.0	.0	.0	.0	.0	.0	.0	
185.	.3	.0	.0	.0	.0	.0	.0	.0	
190.	.3	.0	.0	.0	.0	.0	.0	.0	
195.	.3	.0	.0	.0	.0	.0	.0	.1	
200.	.4	.0	.0	.0	.0	.0	.0	.1	
205.	.4	.0	.0	.0	.0	.0	.0	.1	

JOB: S15 NB30 AM 118 & OBSERVATION

RUN: S15 NB30 AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.1	
215.	.4	.0	.0	.0	.0	.0	.0	.1	
220.	.4	.0	.0	.0	.0	.0	.0	.1	
225.	.5	.1	.0	.0	.0	.0	.0	.1	
230.	.4	.1	.1	.1	.1	.0	.0	.1	
235.	.3	.1	.1	.1	.1	.0	.0	.1	
240.	.1	.2	.1	.1	.2	.0	.0	.0	
245.	.1	.3	.2	.2	.3	.0	.0	.0	
250.	.1	.3	.3	.3	.5	.0	.0	.0	
255.	.0	.4	.3	.3	.6	.0	.0	.0	
260.	.0	.3	.3	.3	.6	.0	.0	.0	
265.	.0	.3	.3	.3	.7	.1	.0	.0	
270.	.0	.4	.3	.4	.7	.1	.0	.0	
275.	.0	.3	.3	.3	.8	.1	.0	.0	
280.	.0	.3	.3	.3	.8	.1	.0	.0	
285.	.0	.3	.4	.3	.9	.1	.0	.0	
290.	.0	.3	.3	.3	.9	.2	.1	.0	
295.	.0	.3	.3	.3	.8	.2	.1	.0	
300.	.0	.3	.3	.3	.8	.2	.1	.0	
305.	.0	.3	.2	.2	.7	.3	.2	.0	
310.	.0	.3	.2	.2	.7	.3	.2	.0	
315.	.0	.3	.2	.2	.6	.4	.2	.0	
320.	.0	.2	.2	.2	.6	.4	.2	.0	
325.	.0	.2	.2	.3	.5	.4	.2	.0	
330.	.0	.2	.3	.4	.6	.3	.1	.0	
335.	.0	.2	.3	.5	.5	.3	.1	.0	
340.	.0	.2	.3	.5	.5	.3	.1	.1	
345.	.0	.2	.2	.5	.4	.3	.0	.1	
350.	.0	.2	.2	.6	.4	.1	.0	.1	
355.	.0	.2	.2	.6	.3	.1	.0	.1	
360.	.0	.2	.2	.8	.2	.1	.0	.0	

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
75	.5	.4	.6	.9	.9	.4	.2	.1	

THE HIGHEST CONCENTRATION IS .90 PPM AT 15 DEGREES FROM REC24.

S15NB30A.OUT
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 285 DEGREES FROM REC25.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 145 DEGREES FROM REC19.

1

JOB: S15 NB30 AM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:18.65

RUN: S15 NB30 AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 340	REC2 290	REC3 295	REC4 50	REC5 270	REC6 260	REC7 285	REC8 85	REC9 230	REC10 220	REC11 210	REC12 205	REC13 190	REC14 0	REC15 160	REC16 100	REC17 80	REC18 75	REC19 145	REC20 80
1	*	.0	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
2	*	.1	.1	.2	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.4	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.0	.0	.1	.0	.2	.2	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
10	*	.0	.0	.0	.1	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	*	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.1	.2	.2
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.4	.3	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 NB30 AM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:18.65

RUN: S15 NB30 AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 75	REC22 25	REC23 45	REC24 15	REC25 285	REC26 315	REC27 305	REC28 195
1	*	.1	.2	.2	.2	.1	.1	.0	.0
2	*	.1	.0	.2	.6	.5	.2	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.1	.0	.0	.0	.0	.0	.0
13	*	.1	.1	.0	.0	.1	.0	.0	.0
14	*	.0	.0	.1	.1	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15NB30A.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15NB30P.DAT

S15 NB30 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
	241670.		241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 NB30 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2175 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	90	46	4.0 2175 29.1 1191 3 3			
1		EB 118	AG241675.554935.241440.554769.	2175 2.9	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2175 2.9	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1975 2.9	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1975 2.9	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	50 2.9	0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	2075 2.9	0. 68.	40.
2		WB 118	AG242160.555214.242337.555289.	0. 48	4	
L&T	90	28	4.0 2075 29.1 1383 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	2125 2.9	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	2275 2.9	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	2275 2.9	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	2275 2.9	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	2275 2.9	0. 56.	40.
1		NB Obs	AG242111.555169.242192.554949.	150 2.9	0. 44.	40.
2		NB Obs	AG242140.555089.242188.554959.	0. 24	2	
75	50		4.0 150 29.1 1076 3 3			
1		NB Obs	AG242192.554949.242195.554846.	150 2.9	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	150 2.9	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	150 2.9	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	150 2.9	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	150 2.9	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	150 2.9	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	150 2.9	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	300 2.9	0. 44.	40.
1		SB Obs	AG242079.555169.241957.555461.	425 2.9	0. 44.	40.
2		SB Obs	AG242039.555264.241969.555432.	0. 24	2	
75	55		4.0 425 29.1 1400 3 3			
1		SB Obs	AG241957.555461.241950.555566.	425 2.9	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	425 2.9	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	425 2.9	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	425 2.9	0. 44.	40.

		S15NB30P.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	425 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	325 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	325 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 NB30 PM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:40.57

RUN: S15 NB30 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	2175.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241969.7	555073.2	*	91.	245. AG	239.	100.0	.0	72.0	.72 4.6
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	2175.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	2175.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1975.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1975.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2075.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242233.0	555245.0	*	79.	67. AG	97.	100.0	.0	48.0	.60 4.0
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2125.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2275.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2275.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2275.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2275.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	150.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242147.1	555069.8	*	21.	160. AG	104.	100.0	.0	24.0	.28 1.0
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	150.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	150.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	150.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	150.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	150.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	150.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	150.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	300.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	300.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	300.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	300.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	300.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	300.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	300.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	425.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	242008.5	555337.2	*	79.	337. AG	114.	100.0	.0	24.0	.81 4.0
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	425.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	425.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	425.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	425.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	425.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	325.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	325.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	325.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	325.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	325.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	325.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	325.	2.9	.0	44.0	

JOB: S15 NB30 PM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:40.57

RUN: S15 NB30 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 90	46	4.0	2175	1191	29.10	3	3
9. L&T	WB 118	* 90	28	4.0	2075	1383	29.10	3	3
16.	NB Obs	* 75	50	4.0	150	1076	29.10	3	3
32. 0	SB Obs	* 75	55	4.0	425	1400	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15NB30P.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 NB30 PM 118 & OBSERVATION

RUN: S15 NB30 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.3	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
5.	*	.0	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.0
10.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.0	.0
15.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
20.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0
25.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.1	.0
30.	*	.0	.1	.2	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.1	.0
35.	*	.0	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.1	.0
40.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.0	.1	.0
45.	*	.0	.0	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
50.	*	.0	.0	.2	.4	.4	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
55.	*	.0	.0	.0	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
60.	*	.0	.0	.0	.2	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1
65.	*	.0	.0	.0	.1	.3	.3	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.3	.1	.2	.2
70.	*	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.3	.5	.3	.4
75.	*	.0	.0	.0	.0	.1	.1	.1	.4	.2	.2	.2	.1	.0	.0	.0	.0	.3	.4	.4	.5
80.	*	.0	.0	.0	.0	.1	.0	.0	.4	.3	.3	.4	.1	.0	.0	.0	.0	.3	.5	.4	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.1	.1	.0	.0	.0	.4	.4	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.1	.0	.0	.0	.5	.4	.4	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.0	.5	.4	.4	.6
100.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.1	.6	.4	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.5	.2	.0	.0	.0	.2	.5	.4	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.5	.3	.0	.0	.0	.2	.5	.3	.4	.7
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.5	.3	.1	.0	.0	.3	.4	.3	.4	.7
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.1	.0	.0	.4	.4	.3	.5	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.1	.0	.0	.4	.4	.4	.5	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.1	.0	.0	.3	.2	.3	.6	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.3	.1	.0	.0	.4	.3	.3	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.3	.1	.0	.0	.4	.2	.3	.6	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.1	.0	.0	.3	.1	.3	.7	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.2	.0	.0	.0	.3	.2	.3	.7	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.1	.0	.0	.0	.3	.3	.4	.7	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.1	.0	.0	.0	.3	.3	.4	.6	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.0	.0	.0	.0	.4	.3	.5	.6	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.1	.0	.0	.0	.3	.4	.5	.6	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.3	.2	.0	.0	.3	.4	.6	.5	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.3	.0	.0	.3	.4	.6	.5	.3
185.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.3	.3	.4	.0	.0	.2	.4	.6	.4	.3
190.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.0	.0	.2	.3	.6	.4	.3
195.	*	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.4	.3	.5	.0	.0	.1	.3	.6	.4	.3
200.	*	.0	.0	.0	.1	.0	.0	.0	.3	.4	.5	.3	.3	.4	.0	.0	.1	.3	.6	.4	.3
205.	*	.0	.0	.0	.1	.0	.0	.0	.3	.4	.5	.4	.4	.2	.0	.0	.1	.2	.6	.4	.3

1

JOB: S15 NB30 PM 118 & OBSERVATION

RUN: S15 NB30 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.1	.0	.0	.0	.3	.4	.7	.4	.4	.2	.0	.0	.0	.2	.5	.4	.3
215.	*	.0	.0	.0	.1	.0	.0	.0	.3	.4	.5	.4	.4	.1	.0	.0	.0	.2	.5	.3	.3
220.	*	.0	.0	.0	.1	.0	.0	.0	.4	.6	.6	.4	.2	.1	.0	.0	.0	.2	.4	.3	.4
225.	*	.0	.0	.0	.1	.0	.0	.0	.4	.6	.5	.3	.2	.1	.0	.0	.0	.1	.5	.4	.4
230.	*	.0	.0	.0	.1	.0	.0	.0	.4	.5	.5	.3	.2	.0	.0	.0	.0	.0	.4	.5	.4
235.	*	.0	.0	.0	.2	.1	.0	.1	.4	.5	.4	.3	.2	.0	.0	.0	.0	.0	.5	.5	.3
240.	*	.0	.0	.0	.3	.3	.3	.1	.4	.5	.4	.2	.2	.0	.0	.0	.0	.0	.5	.3	.3
245.	*	.0	.0	.0	.3	.3	.3	.1	.3	.1	.2	.1	.2	.0	.0	.0	.0	.0	.2	.3	.2
250.	*	.0	.0	.0	.5	.3	.3	.2	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.2	.1	.2
255.	*	.0	.0	.0	.4	.3	.4	.3	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.1
260.	*	.0	.0	.1	.4	.5	.4	.3	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.2	.4	.5	.6	.4	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.2	.5	.5	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.5	.4	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.4	.4	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.3	.4	.4	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.3	.3	.3	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.3	.3	.4	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.4	.3	.4	.4	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.2	.4	.3	.4	.3	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.2	.4	.2	.4	.3	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.1	.3	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.1	.0	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
340.	*	.1	.0	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
345.	*	.1	.0	.2	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
350.	*	.0	.0	.2	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
355.	*	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
360.	*	.0	.1	.3	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
MAX DEGR.	*	.1	.2	.4	.5	.5	.6	.4	.4	.6	.7	.5	.4	.5	.0	.1	.4	.6	.6	.7	.7

JOB: S15 NB30 PM 118 & OBSERVATION

RUN: S15 NB30 PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.3	.9	.3	.0	.0	.0	.0
5.	.0	.3	.3	.9	.3	.1	.0	.0	.0
10.	.0	.3	.4	.9	.3	.2	.0	.0	.0
15.	.0	.3	.4	.9	.1	.2	.0	.0	.0
20.	.0	.3	.4	.9	.2	.2	.1	.0	.0
25.	.0	.3	.5	.9	.3	.2	.1	.0	.0
30.	.0	.4	.5	.9	.4	.2	.1	.0	.0
35.	.0	.3	.6	.8	.4	.1	.1	.0	.0
40.	.0	.4	.6	.8	.4	.1	.0	.0	.0
45.	.0	.4	.6	.9	.3	.1	.0	.0	.0
50.	.0	.4	.7	.8	.4	.1	.0	.0	.0
55.	.2	.4	.6	.7	.4	.0	.0	.0	.0
60.	.2	.3	.5	.6	.2	.0	.0	.0	.0
65.	.2	.3	.5	.4	.2	.0	.0	.0	.0
70.	.4	.2	.3	.3	.2	.0	.0	.0	.0
75.	.5	.1	.2	.2	.2	.0	.0	.0	.0
80.	.5	.1	.1	.2	.1	.0	.0	.0	.0
85.	.5	.1	.1	.0	.1	.0	.0	.0	.0
90.	.5	.0	.0	.0	.1	.0	.0	.0	.0
95.	.3	.0	.0	.0	.1	.0	.0	.0	.0
100.	.3	.0	.0	.0	.0	.0	.0	.0	.0
105.	.3	.0	.0	.0	.0	.0	.0	.0	.0
110.	.3	.0	.0	.0	.0	.0	.0	.0	.0
115.	.3	.0	.0	.0	.0	.0	.0	.0	.0
120.	.3	.0	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.0	.0	.0	.0
130.	.3	.0	.0	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0	.0	.1
205.	.3	.0	.0	.0	.0	.0	.0	.0	.1

JOB: S15 NB30 PM 118 & OBSERVATION

RUN: S15 NB30 PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	.1
215.	.4	.0	.0	.0	.0	.0	.0	.0	.1
220.	.4	.1	.0	.0	.0	.0	.0	.0	.1
225.	.3	.1	.1	.1	.0	.0	.0	.0	.1
230.	.4	.1	.1	.1	.1	.0	.0	.0	.1
235.	.2	.2	.1	.1	.2	.0	.0	.0	.1
240.	.1	.2	.1	.2	.2	.0	.0	.0	.0
245.	.1	.3	.3	.2	.4	.0	.0	.0	.0
250.	.1	.3	.4	.3	.4	.0	.0	.0	.0
255.	.0	.3	.3	.3	.6	.0	.0	.0	.0
260.	.0	.4	.3	.4	.7	.0	.0	.0	.0
265.	.0	.4	.3	.4	.7	.1	.0	.0	.0
270.	.0	.4	.3	.5	.8	.1	.0	.0	.0
275.	.0	.4	.3	.4	.8	.1	.0	.0	.0
280.	.0	.4	.3	.4	.9	.1	.1	.0	.0
285.	.0	.3	.3	.4	.9	.2	.1	.0	.0
290.	.0	.3	.3	.4	.9	.2	.1	.0	.0
295.	.0	.3	.3	.4	.9	.2	.1	.0	.0
300.	.0	.3	.3	.5	.8	.3	.1	.0	.0
305.	.0	.3	.3	.5	.8	.3	.2	.0	.0
310.	.0	.3	.3	.5	.8	.3	.2	.0	.0
315.	.0	.3	.3	.6	.7	.4	.2	.0	.0
320.	.0	.3	.3	.7	.7	.4	.2	.0	.0
325.	.0	.2	.3	.7	.6	.4	.2	.0	.0
330.	.0	.3	.3	.8	.5	.3	.2	.0	.0
335.	.0	.3	.3	.9	.5	.3	.2	.1	.0
340.	.0	.3	.3	.9	.4	.3	.1	.1	.0
345.	.0	.3	.3	.9	.4	.1	.0	.1	.0
350.	.0	.3	.3	.9	.3	.1	.0	.1	.0
355.	.0	.3	.3	.9	.3	.1	.0	.1	.0
360.	.0	.3	.3	.9	.3	.0	.0	.0	.0

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
75	.5	.4	.7	.9	.9	.4	.2	.1	

THE HIGHEST CONCENTRATION IS .90 PPM AT 0 DEGREES FROM REC24.

S15NB30P.OUT
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 280 DEGREES FROM REC25.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 110 DEGREES FROM REC20.

1

JOB: S15 NB30 PM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:40.57

RUN: S15 NB30 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 335	REC2 290	REC3 305	REC4 250	REC5 260	REC6 265	REC7 45	REC8 75	REC9 220	REC10 210	REC11 105	REC12 205	REC13 195	REC14 0	REC15 25	REC16 120	REC17 100	REC18 175	REC19 145	REC20 110
1 *	.0	.1	.1	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1
2 *	.1	.1	.1	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.3	.4	.3
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.2	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
14 *	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.1
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.2	.3	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 NB30 PM 118 & OBSERVATION
DATE: 12/18/2006 TIME: 16:00:40.57

RUN: S15 NB30 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 75	REC22 30	REC23 50	REC24 0	REC25 280	REC26 315	REC27 305	REC28 200
1 *	.1	.2	.2	.2	.2	.1	.1	.0
2 *	.1	.0	.3	.6	.6	.2	.1	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.1	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.1	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.2	.1	.0	.0	.0	.0	.0	.0
13 *	.1	.1	.0	.0	.1	.0	.0	.0
14 *	.0	.0	.0	.1	.0	.1	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15NB30P.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15B130A.DAT

S15 B130 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B130 AM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	1725 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	70	58	4.0 1725 29.1 1251 3 3			
1		EB 118	AG241675.554935.241440.554769.	1675 2.9	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	1675 2.9	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1550 2.9	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1550 2.9	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	50 2.9	0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	2175 2.9	0. 68.	40.
2		WB 118	AG242160.555214.242337.555289.	0. 48	4	
	70	58	4.0 2175 29.1 1379 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	2225 2.9	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	2300 2.9	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	2300 2.9	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	2300 2.9	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	2300 2.9	0. 56.	40.
2		NB Obs	AG242111.555169.242192.554949.	75 2.9	0. 44.	40.
	70	58	4.0 75 29.1 1145 3 3	0. 24	2	
1		NB Obs	AG242192.554949.242195.554846.	75 2.9	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	75 2.9	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	75 2.9	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	75 2.9	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	75 2.9	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	75 2.9	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	75 2.9	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	175 2.9	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	175 2.9	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	175 2.9	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	175 2.9	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	175 2.9	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	175 2.9	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	175 2.9	0. 44.	40.
2		SB Obs	AG242079.555169.241957.555461.	375 2.9	0. 44.	40.
	70	58	4.0 375 29.1 1463 3 3	0. 24	2	
1		SB Obs	AG241957.555461.241950.555566.	375 2.9	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	375 2.9	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	375 2.9	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	375 2.9	0. 44.	40.

		S15B130A.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	375 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	375 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 B130 AM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:55:41.22

RUN: S15 B130 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1725.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	240244.1	554260.0	*	1999.	245. AG	388.	100.0	.0	72.0	2.68 101.5
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1675.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1675.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1550.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1550.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2175.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	246395.6	557008.6	*	4600.	67. AG	259.	100.0	.0	48.0	4.60 233.7
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2225.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2300.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2300.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2300.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2300.	2.9	.0	56.0	
15. 0	WB 118	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242144.1	555078.0	*	12.	160. AG	129.	100.0	.0	24.0	.38 .6
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	175.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	175.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	175.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	175.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	175.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	175.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	175.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	375.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241749.9	555957.7	*	751.	337. AG	129.	100.0	.0	24.0	1.50 38.2
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	375.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	375.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	375.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	375.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	375.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	375.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	375.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	375.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	375.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	375.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	375.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	375.	2.9	.0	44.0	

JOB: S15 B130 AM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:55:41.22

RUN: S15 B130 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 70	58	4.0	1725	1251	29.10	3	3
9. L&T	WB 118	* 70	58	4.0	2175	1379	29.10	3	3
16.	NB Obs	* 70	58	4.0	75	1145	29.10	3	3
32. 0	SB Obs	* 70	58	4.0	375	1463	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15B130A.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B130 AM 118 & OBSERVATION

RUN: S15 B130 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.2	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.3	.2	.1
5.	*	.1	.3	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.2	.1
10.	*	.1	.2	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.2	.1
15.	*	.1	.2	.5	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.1	.2	.1
20.	*	.1	.2	.5	.6	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
25.	*	.1	.2	.5	.6	.8	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
30.	*	.2	.2	.5	.6	.8	.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
35.	*	.2	.2	.4	.6	.8	.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
40.	*	.2	.2	.4	.7	.9	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.1	.1
45.	*	.2	.2	.5	.7	.9	.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
50.	*	.2	.3	.4	.8	1.0	.9	.9	.3	.1	.1	.1	.0	.0	.0	.0	.4	.4	.1	.1	.2
55.	*	.2	.3	.3	.7	.9	.9	.9	.4	.2	.2	.2	.1	.0	.0	.0	.4	.5	.3	.2	.3
60.	*	.1	.2	.3	.7	.9	.8	.9	.6	.5	.5	.4	.1	.1	.0	.0	.5	.6	.5	.6	.4
65.	*	.1	.2	.2	.5	.7	.7	.8	1.0	.7	.8	.7	.3	.2	.1	.1	.6	.7	.7	.7	.7
70.	*	.0	.1	.2	.4	.4	.4	.4	1.3	1.0	1.0	.9	.4	.2	.1	.1	.6	.8	1.0	.8	.8
75.	*	.0	.0	.1	.2	.3	.3	.2	1.4	1.1	1.1	1.0	.5	.3	.1	.1	.7	.9	1.2	.9	1.0
80.	*	.0	.0	.0	.1	.1	.1	.1	1.5	1.1	1.2	1.1	.6	.3	.2	.2	.7	.9	1.0	.8	.9
85.	*	.0	.0	.0	.0	.0	.0	.0	1.5	1.2	1.3	1.1	.5	.4	.2	.2	.7	.9	.9	.7	.9
90.	*	.0	.0	.0	.0	.0	.0	.0	1.4	1.1	1.1	1.0	.5	.4	.2	.2	.7	.8	.6	.6	.8
95.	*	.0	.0	.0	.0	.0	.0	.0	1.4	1.2	1.1	1.0	.5	.3	.2	.2	.7	.9	.6	.4	.7
100.	*	.0	.0	.0	.0	.0	.0	.0	1.3	1.1	1.1	.9	.5	.3	.2	.2	.7	.8	.5	.4	.7
105.	*	.0	.0	.0	.0	.0	.0	.0	1.2	1.0	1.0	.9	.6	.3	.2	.2	.8	.8	.5	.4	.8
110.	*	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	1.0	.8	.6	.4	.1	.2	.7	.6	.4	.5	1.0
115.	*	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	1.0	.8	.4	.3	.1	.1	.7	.4	.3	.5	1.0
120.	*	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	1.0	.7	.4	.3	.1	.1	.7	.4	.2	.6	1.1
125.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.7	.4	.3	.1	.1	.6	.3	.2	.7	1.0
130.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.6	.3	.3	.1	.1	.5	.1	.3	.7	1.0
135.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.4	.3	.3	.1	.2	.6	.2	.3	.8	1.0
140.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.4	.2	.3	.1	.2	.5	.2	.3	.9	.9
145.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.3	.2	.2	.1	.3	.4	.1	.3	.9	.9
150.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.3	.2	.2	.1	.4	.3	.2	.4	.9	1.0
155.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.2	.1	.1	.1	.4	.4	.2	.4	1.0	1.0
160.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.2	.1	.0	.1	.7	.3	.4	.5	1.0	1.0
165.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.2	.0	.0	.0	.7	.4	.4	.6	1.0	1.0
170.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.1	.2	.2	.2	.8	.3	.5	.7	1.0	1.0
175.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.1	.2	.2	.2	.9	.4	.5	.8	1.0	1.0
180.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.2	.2	.4	.2	.9	.4	.6	.8	1.0	1.0
185.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.4	.4	.4	.3	.8	.3	.6	.9	1.0	1.0
190.	*	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.4	.5	.6	.3	.8	.3	.6	.9	1.0	1.0
195.	*	.0	.0	.0	.0	.0	.0	.0	1.1	.9	.9	.5	.5	.6	.3	.8	.3	.7	1.0	1.0	1.0
200.	*	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	.8	.5	.6	.5	.3	.7	.4	.7	1.0	1.1	1.0
205.	*	.0	.0	.0	.1	.0	.0	.0	1.1	1.0	.9	.6	.7	.6	.3	.7	.4	.7	1.0	1.2	1.0

1

JOB: S15 B130 AM 118 & OBSERVATION

RUN: S15 B130 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.1	.0	.0	.0	1.2	1.1	.8	.7	.8	.6	.3	.7	.4	.7	1.1	1.2	1.1
215.	*	.0	.0	.0	.1	.0	.0	.0	1.2	1.0	.9	.8	.8	.6	.3	.7	.4	.7	1.1	1.1	1.1
220.	*	.0	.0	.0	.1	.0	.0	.0	1.4	1.1	1.1	.8	.7	.6	.3	.6	.4	.6	1.2	1.1	1.2
225.	*	.0	.0	.0	.2	.1	.1	.0	1.5	1.2	1.0	.9	.8	.6	.3	.6	.4	.7	1.3	1.3	1.3
230.	*	.0	.0	.0	.3	.2	.2	.1	1.6	1.2	1.0	1.0	.7	.6	.3	.6	.4	.5	1.3	1.4	1.3
235.	*	.0	.0	.1	.5	.4	.3	.2	1.6	1.3	1.1	.9	.7	.5	.2	.5	.3	.5	1.4	1.3	1.1
240.	*	.0	.1	.2	.9	.7	.6	.4	1.5	1.1	.9	.7	.6	.4	.2	.5	.2	.4	1.1	1.0	1.0
245.	*	.0	.2	.4	1.1	1.0	.8	.6	1.3	.8	.7	.6	.5	.3	.1	.4	.1	.3	.8	.8	.7
250.	*	.1	.3	.5	1.2	1.0	.8	.6	.9	.5	.4	.3	.3	.3	.1	.4	.1	.1	.6	.4	.5
255.	*	.2	.4	.6	1.2	.9	.8	.8	.7	.2	.2	.1	.3	.2	.1	.4	.0	.1	.3	.3	.3
260.	*	.2	.4	.8	1.2	.9	.7	.8	.4	.1	.1	.1	.2	.2	.1	.4	.0	.0	.1	.1	.1
265.	*	.3	.5	.8	.9	.7	.8	.8	.1	.1	.1	.0	.2	.2	.1	.4	.0	.0	.0	.0	.0
270.	*	.3	.4	.7	.8	.5	.5	.8	.1	.1	.1	.1	.2	.2	.1	.4	.0	.0	.0	.0	.0
275.	*	.3	.4	.7	.7	.4	.6	.8	.1	.1	.1	.1	.2	.2	.1	.4	.0	.0	.0	.0	.0
280.	*	.3	.4	.6	.5	.5	.6	.8	.1	.1	.1	.1	.2	.2	.1	.5	.0	.0	.0	.0	.0
285.	*	.3	.5	.6	.4	.5	.6	1.0	.1	.1	.1	.1	.2	.2	.1	.5	.0	.0	.0	.0	.0
290.	*	.3	.5	.5	.4	.4	.8	.9	.1	.1	.1	.2	.3	.2	.1	.5	.0	.0	.0	.0	.0
295.	*	.3	.5	.4	.4	.4	.7	.7	.1	.1	.1	.2	.3	.2	.2	.5	.0	.0	.0	.0	.0
300.	*	.2	.4	.5	.3	.5	.7	.7	.0	.1	.1	.2	.3	.3	.2	.6	.0	.0	.0	.0	.0
305.	*	.2	.3	.4	.3	.5	.7	.6	.0	.1	.1	.2	.3	.3	.2	.6	.0	.0	.0	.0	.0
310.	*	.2	.2	.3	.3	.6	.7	.6	.0	.1	.1	.2	.3	.3	.1	.6	.0	.0	.0	.0	.0
315.	*	.2	.2	.3	.3	.6	.7	.6	.0	.1	.1	.3	.3	.3	.1	.7	.0	.0	.0	.0	.0
320.	*	.2	.2	.3	.3	.7	.7	.6	.0	.1	.1	.3	.3	.3	.1	.7	.1	.1	.1	.0	.0
325.	*	.2	.2	.1	.4	.7	.7	.6	.0	.0	.1	.2	.3	.3	.1	.7	.1	.1	.1	.0	.0
330.	*	.2	.1	.1	.4	.7	.6	.6	.0	.0	.1	.2	.3	.2	.0	.7	.2	.2	.0	.0	.0
335.	*	.2	.1	.1	.3	.7	.6	.6	.0	.0	.0	.2	.2	.2	.0	.6	.3	.3	.1	.0	.0
340.	*	.3	.2	.2	.4	.6	.6	.6	.0	.0	.0	.1	.1	.1	.0	.5	.4	.4	.3	.1	.0
345.	*	.2	.2	.4	.4	.6	.6	.6	.0	.0	.0	.1	.1	.1	.0	.3	.5	.4	.4	.1	.0
350.	*	.2	.1	.3	.3	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.4	.2	.1
355.	*	.1	.1	.3	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.3	.2	.1
360.	*	.1	.2	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.3	.2	.1
MAX DEGR.	*	.3	.5	.8	1.2	1.0	.9	1.0	1.6	1.3	1.3	1.1	.8	.6	.3	.9	.8	.9	1.4	1.4	1.3

JOB: S15 B130 AM 118 & OBSERVATION

RUN: S15 B130 AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	1.2	1.3	1.3	.3	.2	.1	.1	
5.	* .0	1.3	1.4	1.3	.2	.3	.1	.1	
10.	* .0	1.4	1.4	1.3	.2	.3	.1	.1	
15.	* .1	1.6	1.6	1.3	.4	.4	.2	.1	
20.	* .1	1.6	1.6	1.3	.3	.4	.2	.1	
25.	* .1	1.7	1.6	1.3	.4	.4	.2	.1	
30.	* .1	1.8	1.6	1.3	.5	.5	.2	.2	
35.	* .1	1.7	1.7	1.4	.6	.4	.2	.2	
40.	* .1	1.8	1.6	1.3	.7	.4	.2	.2	
45.	* .0	2.0	1.7	1.4	.7	.4	.2	.2	
50.	* .1	2.0	1.7	1.4	.8	.3	.3	.2	
55.	* .4	1.9	1.8	1.3	.8	.3	.2	.2	
60.	* .5	1.8	1.5	1.3	.7	.3	.2	.2	
65.	* .7	1.5	1.2	.9	.6	.2	.2	.1	
70.	* .9	1.0	.8	.7	.4	.1	.1	.1	
75.	* 1.1	.7	.6	.4	.2	.1	.0	.0	
80.	* 1.2	.5	.4	.2	.2	.0	.0	.0	
85.	* 1.2	.2	.1	.1	.0	.0	.0	.0	
90.	* 1.2	.1	.1	.1	.0	.0	.0	.0	
95.	* 1.1	.1	.1	.1	.0	.0	.0	.0	
100.	* 1.1	.1	.1	.1	.0	.0	.0	.0	
105.	* 1.1	.1	.1	.1	.0	.0	.0	.0	
110.	* 1.1	.1	.1	.1	.0	.0	.0	.0	
115.	* 1.0	.1	.1	.0	.0	.0	.0	.0	
120.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
125.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
130.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
135.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
140.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
145.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
150.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
155.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
160.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
165.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
170.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
175.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
180.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
185.	* 1.0	.0	.0	.0	.0	.0	.0	.0	
190.	* 1.0	.0	.0	.0	.0	.0	.0	.1	
195.	* 1.1	.1	.1	.0	.0	.0	.0	.1	
200.	* 1.1	.1	.1	.1	.0	.0	.0	.1	
205.	* 1.1	.1	.1	.1	.0	.0	.0	.1	

JOB: S15 B130 AM 118 & OBSERVATION

RUN: S15 B130 AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* 1.1	.1	.1	.1	.0	.0	.0	.1	
215.	* 1.3	.1	.1	.1	.0	.0	.0	.1	
220.	* 1.3	.1	.1	.1	.1	.0	.0	.1	
225.	* 1.2	.3	.2	.2	.1	.0	.0	.1	
230.	* 1.3	.5	.5	.5	.4	.0	.0	.1	
235.	* 1.1	.8	.8	.8	.7	.1	.0	.1	
240.	* .8	1.2	1.2	1.1	1.0	.2	.1	.0	
245.	* .7	1.7	1.5	1.6	1.3	.3	.2	.1	
250.	* .4	2.0	2.0	2.0	1.7	.5	.3	.1	
255.	* .2	2.1	2.1	2.1	1.9	.6	.4	.2	
260.	* .1	2.1	2.1	2.1	1.8	.6	.4	.3	
265.	* .0	1.9	2.0	1.9	1.8	.7	.4	.3	
270.	* .0	1.7	1.8	1.9	1.7	.7	.4	.3	
275.	* .0	1.6	1.7	1.7	1.6	.7	.4	.3	
280.	* .0	1.6	1.7	1.6	1.5	.7	.4	.3	
285.	* .0	1.6	1.6	1.6	1.4	.7	.4	.3	
290.	* .0	1.5	1.5	1.5	1.3	.6	.4	.3	
295.	* .0	1.5	1.5	1.5	1.2	.6	.5	.3	
300.	* .0	1.4	1.3	1.3	1.1	.6	.4	.3	
305.	* .0	1.4	1.3	1.3	1.0	.6	.4	.3	
310.	* .0	1.3	1.2	1.2	1.0	.5	.3	.3	
315.	* .0	1.3	1.2	1.2	.9	.6	.3	.3	
320.	* .0	1.2	1.2	1.2	.8	.5	.3	.3	
325.	* .0	1.3	1.3	1.2	.8	.6	.2	.3	
330.	* .0	1.3	1.3	1.3	.7	.5	.3	.3	
335.	* .0	1.3	1.3	1.3	.6	.4	.2	.2	
340.	* .0	1.3	1.3	1.4	.6	.5	.2	.3	
345.	* .0	1.3	1.2	1.3	.5	.2	.2	.3	
350.	* .0	1.2	1.3	1.3	.4	.2	.1	.3	
355.	* .0	1.2	1.3	1.3	.4	.2	.2	.2	
360.	* .0	1.2	1.3	1.3	.3	.2	.1	.1	
MAX	* 1.3	2.1	2.1	2.1	1.9	.7	.5	.3	
DEGR.	* 230	255	255	255	255	265	295	260	

THE HIGHEST CONCENTRATION IS 2.10 PPM AT 255 DEGREES FROM REC22.

S15B130A.OUT
THE 2ND HIGHEST CONCENTRATION IS 2.10 PPM AT 255 DEGREES FROM REC23.
THE 3RD HIGHEST CONCENTRATION IS 2.10 PPM AT 255 DEGREES FROM REC24.

1

JOB: S15 B130 AM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:55:41.22

RUN: S15 B130 AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 265	REC2 265	REC3 260	REC4 250	REC5 50	REC6 30	REC7 285	REC8 230	REC9 235	REC10 85	REC11 80	REC12 210	REC13 190	REC14 185	REC15 175	REC16 105	REC17 80	REC18 235	REC19 230	REC20 225
1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
2	.3	.5	.7	1.0	.0	.0	.0	.2	.6	.0	.0	.5	.3	.2	.2	.0	.0	.9	.9	.9
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.2	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
9	.0	.0	.0	.0	.6	.5	.5	1.0	.3	.9	.8	.0	.0	.0	.0	.3	.5	.0	.0	.0
10	.0	.0	.0	.0	.1	.1	.1	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
14	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.7	.4	.3	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B130 AM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:55:41.22

RUN: S15 B130 AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 230	REC22 255	REC23 255	REC24 255	REC25 255	REC26 265	REC27 295	REC28 260
1	.0	.0	.2	.2	.2	.1	.1	.0
2	.9	1.8	1.8	1.8	1.6	.6	.4	.3
3	.1	.2	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.1	.0	.0	.0	.0	.0	.0	.0
12	.2	.1	.1	.1	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15B130A.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15B130P.DAT

S15 B130 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
	241670.		241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B130 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2050 2.9 0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72. 6	
	90	49	4.0 2050 29.1 1191 3 3		
1		EB 118	AG241675.554935.241440.554769.	2050 2.9 0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2050 2.9 0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1900 2.9 0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1900 2.9 0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	50 2.9 0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	1700 2.9 0. 68.	40.
2		WB 118	AG242160.555214.242337.555289.	0. 48 4	
L&T	90	29	4.0 1700 29.1 1333 3 3		
1		WB 118 all	AG242394.555324.243012.555565.	1750 2.9 0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	1900 2.9 0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	1900 2.9 0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	1900 2.9 0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	1900 2.9 0. 56.	40.
2		NB Obs	AG242111.555169.242192.554949.	150 2.9 0. 44.	40.
90		NB Obs	AG242140.555089.242188.554959.	0. 24 2	
	72		4.0 150 29.1 1035 3 3		
1		NB Obs	AG242192.554949.242195.554846.	150 2.9 0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	150 2.9 0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	150 2.9 0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	150 2.9 0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	150 2.9 0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	150 2.9 0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	150 2.9 0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	275 2.9 0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	275 2.9 0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	275 2.9 0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	275 2.9 0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	275 2.9 0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	275 2.9 0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	275 2.9 0. 44.	40.
2		SB Obs	AG242079.555169.241957.555461.	425 2.9 0. 44.	40.
90		SB Obs	AG242039.555264.241969.555432.	0. 24 2	
	72		4.0 425 29.1 1399 3 3		
1		SB Obs	AG241957.555461.241950.555566.	425 2.9 0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	425 2.9 0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	425 2.9 0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	425 2.9 0. 44.	40.

		S15B130P.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	425 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	300 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 B130 PM 118 & OBSERVATION
 DATE: 12/22/2006 TIME: 21:57:38.98

RUN: S15 B130 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	2050.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241968.1	555072.4	*	93.	245. AG	255.	100.0	.0	72.0	.74 4.7
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	2050.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	2050.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1900.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1900.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	1700.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242222.1	555240.3	*	67.	67. AG	101.	100.0	.0	48.0	.52 3.4
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	1750.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	1900.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	1900.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	1900.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	1900.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	150.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242150.3	555061.2	*	30.	160. AG	125.	100.0	.0	24.0	.54 1.5
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	150.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	150.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	150.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	150.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	150.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	150.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	150.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	275.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	275.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	275.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	275.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	275.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	275.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	275.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	425.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241879.2	555647.4	*	415.	337. AG	125.	100.0	.0	24.0	1.14 21.1
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	425.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	425.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	425.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	425.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	425.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	300.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	300.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	300.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	300.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	300.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	300.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	300.	2.9	.0	44.0	

 JOB: S15 B130 PM 118 & OBSERVATION
 DATE: 12/22/2006 TIME: 21:57:38.98

RUN: S15 B130 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 90	49	4.0	2050	1191	29.10	3	3
9. L&T	WB 118	* 90	29	4.0	1700	1333	29.10	3	3
16.	NB Obs	* 90	72	4.0	150	1035	29.10	3	3
32. 0	SB Obs	* 90	72	4.0	425	1399	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15B130P.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B130 PM 118 & OBSERVATION

RUN: S15 B130 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.1
5.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	.2	.2	.1
10.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.2	.1
15.	*	.0	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.2	.1
20.	*	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.1	.1
25.	*	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
30.	*	.0	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
35.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
40.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.1	.1
45.	*	.0	.0	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.1	.1
50.	*	.0	.0	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0	.1
55.	*	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0	.0
60.	*	.0	.0	.0	.1	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.4	.3	.1	.1	.1
65.	*	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.4	.3	.1	.2	.1
70.	*	.0	.0	.0	.1	.1	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0	.4	.3	.3	.3	.3
75.	*	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.4	.3	.4	.3	.3
80.	*	.0	.0	.0	.0	.1	.0	.0	.4	.2	.3	.2	.0	.0	.0	.0	.4	.3	.4	.4	.5
85.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0	.0	.0	.4	.4	.4	.4	.6
90.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.4	.5	.4	.3	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.0	.0	.0	.4	.5	.3	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.0	.0	.0	.4	.5	.3	.4	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.4	.2	.2	.3	.2	.0	.0	.0	.4	.6	.3	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.2	.0	.0	.0	.4	.4	.3	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.3	.0	.0	.0	.4	.4	.3	.5	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.3	.0	.0	.0	.5	.4	.3	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.3	.4	.5	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.2	.3	.6	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.3	.0	.0	.1	.5	.3	.3	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.0	.0	.1	.5	.2	.3	.7	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.2	.0	.0	.2	.4	.1	.3	.7	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.2	.0	.0	.3	.3	.2	.4	.7	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.0	.0	.4	.3	.3	.4	.7	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.0	.0	.0	.5	.2	.3	.4	.7	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.0	.0	.0	.6	.2	.3	.5	.6	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.2	.0	.0	.1	.7	.2	.4	.5	.6	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.2	.2	.1	.7	.2	.4	.6	.5	.3
180.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.1	.3	.2	.1	.6	.2	.4	.6	.5	.3
185.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.3	.2	.1	.6	.2	.4	.7	.4	.3
190.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.4	.3	.4	.1	.6	.2	.3	.7	.4	.3
195.	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.4	.3	.3	.4	.1	.5	.1	.3	.7	.4	.3
200.	*	.0	.0	.0	.2	.0	.0	.0	.3	.2	.4	.3	.3	.4	.1	.5	.1	.3	.6	.2	.3
205.	*	.0	.0	.0	.2	.0	.0	.0	.3	.3	.4	.4	.4	.3	.1	.5	.0	.2	.6	.3	.3

1

JOB: S15 B130 PM 118 & OBSERVATION

RUN: S15 B130 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.6	.4	.4	.2	.1	.5	.0	.1	.5	.3	.3
215.	*	.0	.0	.0	.2	.0	.0	.0	.3	.4	.4	.4	.4	.2	.1	.4	.0	.1	.5	.3	.3
220.	*	.0	.0	.0	.2	.0	.0	.0	.3	.5	.4	.4	.2	.2	.1	.4	.0	.2	.4	.3	.4
225.	*	.0	.0	.0	.2	.0	.0	.0	.4	.4	.5	.3	.3	.2	.1	.4	.0	.0	.5	.3	.4
230.	*	.0	.0	.0	.2	.0	.0	.0	.4	.4	.5	.3	.2	.2	.1	.4	.0	.0	.4	.4	.4
235.	*	.0	.0	.0	.2	.2	.0	.1	.4	.4	.4	.3	.2	.2	.1	.4	.0	.0	.4	.4	.3
240.	*	.0	.0	.0	.3	.2	.3	.1	.3	.4	.4	.2	.2	.2	.1	.4	.0	.0	.3	.3	.2
245.	*	.0	.0	.0	.3	.3	.3	.1	.2	.1	.1	.1	.2	.2	.1	.4	.0	.0	.2	.3	.2
250.	*	.0	.0	.0	.5	.3	.3	.2	.2	.0	.0	.0	.2	.2	.1	.4	.0	.0	.1	.1	.1
255.	*	.0	.0	.0	.4	.3	.4	.3	.1	.0	.0	.0	.2	.2	.1	.4	.0	.0	.1	.0	.0
260.	*	.0	.0	.1	.4	.4	.4	.3	.0	.0	.0	.0	.2	.2	.1	.4	.0	.0	.0	.0	.0
265.	*	.0	.0	.2	.4	.5	.3	.3	.0	.1	.1	.0	.2	.2	.1	.4	.0	.0	.0	.0	.0
270.	*	.0	.0	.2	.4	.5	.3	.3	.0	.1	.1	.1	.2	.2	.1	.4	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.4	.4	.4	.3	.0	.1	.1	.1	.2	.2	.1	.4	.0	.0	.0	.0	.0
280.	*	.0	.1	.3	.4	.3	.4	.3	.0	.1	.1	.1	.2	.2	.1	.4	.0	.0	.0	.0	.0
285.	*	.0	.2	.3	.4	.3	.4	.2	.0	.1	.1	.1	.2	.2	.0	.5	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.3	.5	.3	.0	.1	.1	.2	.2	.2	.0	.5	.0	.0	.0	.0	.0
295.	*	.0	.2	.4	.4	.4	.5	.3	.0	.1	.1	.2	.3	.2	.0	.5	.0	.0	.0	.0	.0
300.	*	.0	.2	.4	.3	.5	.5	.3	.0	.1	.1	.2	.3	.2	.0	.5	.0	.0	.0	.0	.0
305.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.3	.2	.0	.5	.0	.0	.0	.0	.0
310.	*	.0	.2	.4	.3	.5	.4	.3	.0	.1	.1	.2	.3	.2	.0	.5	.0	.0	.0	.0	.0
315.	*	.0	.2	.3	.3	.5	.4	.3	.0	.0	.1	.2	.3	.2	.0	.5	.0	.0	.0	.0	.0
320.	*	.0	.1	.3	.3	.5	.3	.3	.0	.0	.1	.2	.3	.2	.0	.5	.1	.1	.0	.0	.0
325.	*	.0	.1	.2	.2	.5	.3	.3	.0	.0	.0	.2	.2	.2	.0	.4	.1	.1	.1	.0	.0
330.	*	.0	.1	.2	.3	.4	.3	.3	.0	.0	.0	.1	.2	.1	.0	.4	.2	.2	.1	.0	.0
335.	*	.1	.1	.3	.3	.4	.3	.3	.0	.0	.0	.1	.1	.1	.0	.3	.2	.3	.2	.0	.0
340.	*	.1	.1	.2	.3	.4	.3	.3	.0	.0	.0	.1	.1	.1	.0	.2	.3	.3	.3	.0	.0
345.	*	.1	.0	.1	.2	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.1	.4	.4	.3	.1	.0
350.	*	.1	.0	.1	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.3	.1	.0
355.	*	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.4	.1	.0
360.	*	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.3	.1	.1
MAX DEGR.	*	.1	.2	.4	.5	.5	.5	.4	.4	.5	.6	.4	.4	.4	.1	.7	.6	.6	.7	.7	.6

JOB: S15 B130 PM 118 & OBSERVATION

RUN: S15 B130 PM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.4	1.1	.4	.1	.0	.0	.0
5.	.0	.3	.3	1.1	.2	.2	.0	.0	.0
10.	.0	.3	.4	1.1	.2	.2	.0	.0	.0
15.	.0	.3	.5	1.1	.1	.2	.0	.0	.0
20.	.0	.3	.5	1.0	.2	.2	.1	.0	.0
25.	.0	.3	.5	.9	.3	.2	.1	.0	.0
30.	.1	.2	.5	.9	.3	.1	.1	.0	.0
35.	.1	.3	.6	.9	.4	.1	.0	.0	.0
40.	.1	.3	.6	.8	.4	.1	.0	.0	.0
45.	.0	.3	.5	.9	.3	.1	.0	.0	.0
50.	.0	.4	.6	.8	.4	.1	.0	.0	.0
55.	.0	.4	.6	.8	.4	.0	.0	.0	.0
60.	.2	.3	.5	.5	.2	.0	.0	.0	.0
65.	.2	.3	.5	.4	.2	.0	.0	.0	.0
70.	.4	.3	.3	.3	.3	.0	.0	.0	.0
75.	.4	.1	.2	.2	.2	.0	.0	.0	.0
80.	.4	.1	.1	.2	.1	.0	.0	.0	.0
85.	.5	.1	.0	.0	.1	.0	.0	.0	.0
90.	.4	.0	.0	.0	.1	.0	.0	.0	.0
95.	.3	.0	.0	.0	.1	.0	.0	.0	.0
100.	.3	.0	.0	.0	.1	.0	.0	.0	.0
105.	.3	.0	.0	.0	.1	.0	.0	.0	.0
110.	.3	.0	.0	.0	.1	.0	.0	.0	.0
115.	.3	.0	.0	.0	.0	.0	.0	.0	.0
120.	.3	.0	.0	.0	.0	.0	.0	.0	.0
125.	.3	.0	.0	.0	.0	.0	.0	.0	.0
130.	.2	.0	.0	.0	.0	.0	.0	.0	.0
135.	.3	.0	.0	.0	.0	.0	.0	.0	.0
140.	.3	.0	.0	.0	.0	.0	.0	.0	.0
145.	.3	.0	.0	.0	.0	.0	.0	.0	.0
150.	.3	.0	.0	.0	.0	.0	.0	.0	.0
155.	.3	.0	.0	.0	.0	.0	.0	.0	.0
160.	.3	.0	.0	.0	.0	.0	.0	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0	.0
200.	.3	.0	.0	.0	.0	.0	.0	.0	.0
205.	.3	.0	.0	.0	.0	.0	.0	.1	.1

JOB: S15 B130 PM 118 & OBSERVATION

RUN: S15 B130 PM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0	.1
215.	.3	.0	.0	.0	.0	.0	.0	.0	.1
220.	.3	.1	.0	.0	.0	.0	.0	.0	.1
225.	.3	.1	.0	.0	.0	.0	.0	.0	.1
230.	.3	.1	.1	.1	.1	.1	.0	.0	.1
235.	.1	.1	.1	.1	.2	.0	.0	.0	.0
240.	.1	.2	.1	.1	.2	.0	.0	.0	.0
245.	.1	.2	.3	.2	.4	.0	.0	.0	.0
250.	.0	.2	.3	.2	.5	.0	.0	.0	.0
255.	.0	.3	.3	.3	.5	.0	.0	.0	.0
260.	.0	.3	.3	.3	.6	.0	.0	.0	.0
265.	.0	.4	.3	.4	.7	.1	.0	.0	.0
270.	.0	.4	.3	.3	.8	.1	.0	.0	.0
275.	.0	.4	.3	.4	.9	.1	.0	.0	.0
280.	.0	.3	.3	.4	.9	.1	.0	.0	.0
285.	.0	.3	.2	.4	.8	.2	.1	.0	.0
290.	.0	.3	.3	.5	.8	.2	.1	.0	.0
295.	.0	.3	.3	.5	.9	.3	.1	.0	.0
300.	.0	.3	.3	.5	.9	.3	.2	.0	.0
305.	.0	.3	.3	.5	.8	.3	.2	.0	.0
310.	.0	.3	.3	.6	.8	.3	.2	.0	.0
315.	.0	.3	.3	.6	.7	.3	.2	.0	.0
320.	.0	.3	.3	.6	.7	.3	.2	.0	.0
325.	.0	.2	.3	.7	.6	.3	.2	.0	.0
330.	.0	.2	.3	.9	.7	.3	.2	.0	.0
335.	.0	.3	.3	.9	.6	.3	.2	.1	.1
340.	.0	.3	.3	.9	.5	.3	.2	.1	.1
345.	.0	.3	.3	1.0	.5	.2	.1	.1	.1
350.	.0	.3	.3	1.0	.5	.1	.0	.1	.1
355.	.0	.3	.4	1.0	.4	.1	.0	.1	.1
360.	.0	.3	.4	1.1	.4	.1	.0	.0	.0

MAX DEGR.	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
85	.5	.4	.6	1.1	.9	.3	.2	.1	.1

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC24.

S15B130P.OUT
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 275 DEGREES FROM REC25.
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 170 DEGREES FROM REC15.

1

JOB: S15 B130 PM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:57:38.98

RUN: S15 B130 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 335	REC2 285	REC3 295	REC4 250	REC5 265	REC6 290	REC7 45	REC8 80	REC9 220	REC10 210	REC11 110	REC12 205	REC13 190	REC14 170	REC15 170	REC16 5	REC17 0	REC18 185	REC19 140	REC20 85
1 *	.0	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1
2 *	.1	.1	.2	.2	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.4	.4	.1
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.2	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.7	.5	.5	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B130 PM 118 & OBSERVATION
DATE: 12/22/2006 TIME: 21:57:38.98

RUN: S15 B130 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 85	REC22 50	REC23 35	REC24 0	REC25 275	REC26 295	REC27 300	REC28 205
1 *	.1	.3	.2	.2	.1	.1	.0	.0
2 *	.1	.1	.3	.7	.6	.2	.1	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.2	.0	.0	.0	.0	.0	.0	.0
13 *	.1	.0	.0	.0	.1	.0	.0	.0
14 *	.0	.0	.1	.1	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.1	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15B130P.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15B230A.DAT

S15 B230 AM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
241670.			241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B230 AM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	1775 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	75	42	4.0 1775 29.1 1229 3 3			
0	1	EB 118	AG241675.554935.241440.554769.	1775 2.9	0. 92.	40.
0	1	EB 118	AG241440.554769.241266.554607.	1775 2.9	0. 68.	40.
0	1	EB 118 Dp	AG243037.555505.242630.555358.	1600 2.9	0. 56.	40.
0	1	EB 118 Dp	AG242630.555358.242113.555137.	1600 2.9	0. 56.	40.
0	1	WB 118 R	AG242093.555219.242382.555337.	50 2.9	0. 32.	40.
1	T&L	WB 118	AG242106.555191.242395.555314.	2225 2.9	0. 68.	40.
2	L&T	WB 118	AG242160.555214.242337.555289.	0. 48	4	
	75	21	4.0 2225 29.1 1362 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	2275 2.9	0. 56.	40.
0	1	WB 118 dp	AG241238.554660.241458.554852.	2350 2.9	0. 56.	40.
0	1	WB 118 dp	AG241458.554852.241778.555049.	2350 2.9	0. 56.	40.
0	1	WB 118 dp	AG241778.555049.241931.555126.	2350 2.9	0. 56.	40.
0	1	WB 118 dp	AG241931.555126.242107.555193.	2350 2.9	0. 56.	40.
0	2	NB Obs	AG242111.555169.242192.554949.	75 2.9	0. 44.	40.
	75	NB Obs	AG242140.555089.242188.554959.	0. 24	2	
	59		4.0 75 29.1 1092 3 3			
0	1	NB Obs	AG242192.554949.242195.554846.	75 2.9	0. 44.	40.
0	1	NB Obs	AG242195.554846.242144.554764.	75 2.9	0. 44.	40.
0	1	NB Obs	AG242144.554764.241961.554593.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241961.554593.241815.554458.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241815.554458.241767.554406.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241767.554406.241743.554351.	75 2.9	0. 44.	40.
0	1	NB Obs	AG241743.554351.241744.554224.	75 2.9	0. 44.	40.
0	1	NB Obs dp	AG241895.556131.241962.556022.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241962.556022.242003.555922.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242003.555922.242015.555784.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242015.555784.241983.555623.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241983.555623.241972.555520.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG241972.555520.242019.555375.	175 2.9	0. 44.	40.
0	1	NB Obs dp	AG242019.555375.242110.555171.	175 2.9	0. 44.	40.
0	2	SB Obs	AG242079.555169.241957.555461.	375 2.9	0. 44.	40.
	75	SB Obs	AG242039.555264.241969.555432.	0. 24	2	
	59		4.0 375 29.1 1463 3 3			
0	1	SB Obs	AG241957.555461.241950.555566.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241950.555566.241981.555755.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555755.241981.555867.	375 2.9	0. 44.	40.
0	1	SB Obs	AG241981.555867.241955.555956.	375 2.9	0. 44.	40.

S15B230A.DAT

1								
0	1	SB Obs	AG241955.555956.241859.556126.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	375	2.9	0.	44.	40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	375	2.9	0.	44.	40.
1.0	0.4	1000.	0Y 5 0 72					

JOB: S15 B230 AM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:09.01

RUN: S15 B230 AM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	1775.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241990.7	555083.2	*	68.	245. AG	262.	100.0	.0	72.0	.67 3.4
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	1775.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	1775.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1600.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1600.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	2225.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242218.8	555238.9	*	64.	67. AG	87.	100.0	.0	48.0	.64 3.2
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	2275.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	2350.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	2350.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	2350.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	2350.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	75.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	242144.1	555077.8	*	12.	160. AG	123.	100.0	.0	24.0	.26 .6
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	75.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	75.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	75.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	75.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	75.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	75.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	75.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	175.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	175.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	175.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	175.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	175.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	175.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	175.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	375.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241996.3	555366.4	*	111.	337. AG	123.	100.0	.0	24.0	.96 5.6
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	375.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	375.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	375.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	375.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	375.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	375.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	375.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	375.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	375.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	375.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	375.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	375.	2.9	.0	44.0	

JOB: S15 B230 AM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:09.01

RUN: S15 B230 AM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 75	42	4.0	1775	1229	29.10	3	3
9. L&T	WB 118	* 75	21	4.0	2225	1362	29.10	3	3
16.	NB Obs	* 75	59	4.0	75	1092	29.10	3	3
32. 0	SB Obs	* 75	59	4.0	375	1463	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15B230A.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B230 AM 118 & OBSERVATION

RUN: S15 B230 AM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
5.	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0
10.	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
15.	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
20.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
25.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1	.0
30.	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1	.1
35.	.0	.0	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1	.1
40.	.0	.0	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.1	.1
45.	.0	.0	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.1	.1
50.	.0	.0	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0
55.	.0	.0	.0	.2	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.1
60.	.0	.0	.0	.2	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.2	.3	.1	.2	.1
65.	.0	.0	.0	.1	.2	.2	.3	.2	.1	.2	.2	.0	.0	.0	.0	.2	.3	.2	.2	.3
70.	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.3	.3	.3	.2	.3
75.	.0	.0	.0	.0	.1	.1	.1	.4	.2	.2	.2	.1	.0	.0	.0	.3	.4	.6	.4	.5
80.	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.3	.1	.0	.0	.0	.3	.4	.5	.4	.6
85.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.1	.1	.0	.0	.3	.4	.5	.4	.6
90.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.1	.1	.0	.0	.3	.4	.3	.4	.5
95.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.1	.0	.0	.0	.4	.5	.4	.3	.6
100.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.2	.0	.0	.0	.4	.5	.4	.3	.5
105.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.5	.4	.4	.4	.5
110.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.4	.4	.4	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.4	.3	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.3	.3	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.2	.2	.6	.4
130.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.1	.0	.0	.5	.2	.3	.6	.4
135.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.1	.0	.0	.5	.2	.3	.6	.4
140.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0	.0	.4	.1	.3	.7	.3
145.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.0	.0	.4	.1	.3	.7	.3
150.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.0	.0	.2	.1	.4	.6	.3
155.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.0	.0	.0	.4	.3	.4	.6	.3
160.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.1	.0	.0	.1	.3	.3	.4	.6	.3
165.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.2	.0	.0	.0	.0	.3	.3	.5	.5	.3
170.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.1	.0	.0	.0	.2	.4	.5	.4	.3
175.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.1	.2	.2	.0	.0	.2	.4	.6	.4	.3
180.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.2	.2	.3	.0	.0	.2	.4	.6	.4	.3
185.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.3	.3	.3	.0	.0	.1	.3	.6	.3	.3
190.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.0	.0	.0	.3	.6	.3	.3
195.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.4	.0	.0	.0	.3	.6	.3	.3
200.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.2	.0	.0	.0	.2	.5	.4	.3
205.	.0	.0	.0	.1	.0	.0	.0	.3	.3	.5	.3	.4	.2	.0	.0	.0	.2	.5	.4	.3

1

JOB: S15 B230 AM 118 & OBSERVATION

RUN: S15 B230 AM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.1	.0	.0	.0	.3	.4	.4	.4	.4	.2	.0	.0	.0	.2	.5	.4	.3
215.	.0	.0	.0	.1	.0	.0	.0	.3	.4	.5	.3	.3	.2	.0	.0	.0	.2	.4	.3	.3
220.	.0	.0	.0	.1	.0	.0	.0	.4	.5	.6	.4	.2	.2	.0	.0	.0	.1	.4	.3	.4
225.	.0	.0	.0	.1	.0	.0	.0	.4	.5	.5	.3	.2	.2	.0	.0	.0	.1	.4	.4	.4
230.	.0	.0	.0	.1	.0	.0	.0	.4	.5	.4	.3	.2	.2	.0	.0	.0	.1	.4	.5	.4
235.	.0	.0	.0	.1	.0	.0	.0	.4	.6	.4	.2	.2	.2	.0	.0	.0	.0	.5	.5	.3
240.	.0	.0	.0	.3	.2	.1	.1	.3	.4	.3	.1	.2	.1	.0	.0	.0	.0	.4	.3	.3
245.	.0	.0	.0	.3	.3	.3	.1	.3	.1	.2	.1	.2	.1	.0	.0	.0	.0	.2	.3	.2
250.	.0	.0	.0	.3	.3	.3	.2	.2	.1	.1	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2
255.	.0	.0	.0	.4	.3	.3	.3	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.1	.1
260.	.0	.0	.1	.4	.4	.4	.3	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.1	.3	.4	.4	.3	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.2	.4	.5	.3	.3	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.2	.4	.3	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.1	.2	.3	.4	.4	.3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.1	.2	.3	.4	.4	.4	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.2	.3	.4	.3	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.2	.3	.3	.3	.3	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.2	.3	.3	.3	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.1	.3	.3	.3	.2	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.1	.3	.2	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.1	.3	.2	.3	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.1	.1	.3	.3	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
335.	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
340.	.1	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
345.	.1	.0	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
350.	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
355.	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
360.	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
MAX DEGR.	.1	.2	.3	.4	.5	.4	.4	.4	.6	.6	.4	.4	.4	.0	.1	.5	.5	.6	.7	.6

JOB: S15 B230 AM 118 & OBSERVATION

RUN: S15 B230 AM 118 & Obs

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	* .0	.2	.2	.7	.2	.1	.0	.0	
5.	* .0	.2	.2	.7	.2	.2	.0	.0	
10.	* .0	.3	.2	.7	.2	.2	.0	.0	
15.	* .0	.3	.3	.8	.3	.2	.0	.0	
20.	* .0	.3	.4	.9	.2	.2	.0	.0	
25.	* .0	.3	.4	.8	.3	.2	.0	.0	
30.	* .0	.4	.4	.8	.3	.2	.0	.0	
35.	* .0	.3	.5	.9	.3	.2	.0	.0	
40.	* .0	.3	.5	.8	.3	.1	.0	.0	
45.	* .0	.3	.5	.8	.3	.1	.0	.0	
50.	* .0	.2	.5	.8	.3	.0	.0	.0	
55.	* .2	.3	.6	.6	.4	.0	.0	.0	
60.	* .2	.3	.5	.6	.3	.0	.0	.0	
65.	* .2	.2	.3	.4	.2	.0	.0	.0	
70.	* .3	.1	.2	.3	.1	.0	.0	.0	
75.	* .5	.1	.2	.2	.0	.0	.0	.0	
80.	* .5	.1	.1	.0	.0	.0	.0	.0	
85.	* .5	.0	.0	.0	.0	.0	.0	.0	
90.	* .4	.0	.0	.0	.0	.0	.0	.0	
95.	* .3	.0	.0	.0	.0	.0	.0	.0	
100.	* .3	.0	.0	.0	.0	.0	.0	.0	
105.	* .3	.0	.0	.0	.0	.0	.0	.0	
110.	* .3	.0	.0	.0	.0	.0	.0	.0	
115.	* .3	.0	.0	.0	.0	.0	.0	.0	
120.	* .3	.0	.0	.0	.0	.0	.0	.0	
125.	* .3	.0	.0	.0	.0	.0	.0	.0	
130.	* .3	.0	.0	.0	.0	.0	.0	.0	
135.	* .3	.0	.0	.0	.0	.0	.0	.0	
140.	* .3	.0	.0	.0	.0	.0	.0	.0	
145.	* .3	.0	.0	.0	.0	.0	.0	.0	
150.	* .3	.0	.0	.0	.0	.0	.0	.0	
155.	* .3	.0	.0	.0	.0	.0	.0	.0	
160.	* .3	.0	.0	.0	.0	.0	.0	.0	
165.	* .3	.0	.0	.0	.0	.0	.0	.0	
170.	* .3	.0	.0	.0	.0	.0	.0	.0	
175.	* .3	.0	.0	.0	.0	.0	.0	.0	
180.	* .3	.0	.0	.0	.0	.0	.0	.0	
185.	* .3	.0	.0	.0	.0	.0	.0	.0	
190.	* .3	.0	.0	.0	.0	.0	.0	.1	
195.	* .3	.0	.0	.0	.0	.0	.0	.1	
200.	* .3	.0	.0	.0	.0	.0	.0	.1	
205.	* .3	.0	.0	.0	.0	.0	.0	.1	

JOB: S15 B230 AM 118 & OBSERVATION

RUN: S15 B230 AM 118 & Obs

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	* .4	.0	.0	.0	.0	.0	.0	.1	
215.	* .4	.0	.0	.0	.0	.0	.0	.1	
220.	* .4	.0	.0	.0	.0	.0	.0	.1	
225.	* .4	.1	.0	.0	.0	.0	.0	.1	
230.	* .4	.1	.1	.1	.1	.1	.0	.1	
235.	* .2	.1	.1	.1	.1	.1	.0	.1	
240.	* .1	.1	.1	.1	.1	.2	.0	.0	
245.	* .1	.3	.1	.2	.3	.0	.0	.0	
250.	* .1	.3	.3	.3	.4	.0	.0	.0	
255.	* .0	.3	.3	.3	.6	.0	.0	.0	
260.	* .0	.3	.3	.3	.6	.0	.0	.0	
265.	* .0	.3	.3	.3	.7	.1	.0	.0	
270.	* .0	.2	.3	.4	.7	.1	.0	.0	
275.	* .0	.2	.3	.3	.8	.1	.0	.0	
280.	* .0	.3	.3	.3	.8	.1	.0	.0	
285.	* .0	.3	.3	.3	.8	.1	.0	.0	
290.	* .0	.3	.3	.3	.8	.2	.1	.0	
295.	* .0	.3	.3	.3	.8	.2	.1	.0	
300.	* .0	.3	.2	.2	.7	.2	.1	.0	
305.	* .0	.3	.2	.2	.7	.3	.0	.0	
310.	* .0	.3	.2	.2	.7	.3	.1	.0	
315.	* .0	.3	.2	.2	.6	.4	.1	.0	
320.	* .0	.2	.2	.2	.6	.4	.1	.0	
325.	* .0	.2	.2	.3	.5	.4	.1	.0	
330.	* .0	.2	.2	.3	.5	.3	.1	.0	
335.	* .0	.2	.2	.3	.4	.3	.1	.0	
340.	* .0	.2	.2	.4	.4	.4	.1	.1	
345.	* .0	.2	.2	.5	.4	.2	.0	.1	
350.	* .0	.2	.2	.5	.4	.1	.0	.1	
355.	* .0	.2	.2	.6	.2	.1	.1	.1	
360.	* .0	.2	.2	.7	.2	.1	.0	.0	
MAX	* .5	.4	.6	.9	.8	.4	.1	.1	
DEGR.	* 75	30	55	20	275	315	290	190	

THE HIGHEST CONCENTRATION IS .90 PPM AT 20 DEGREES FROM REC24.

S15B230A.OUT
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 275 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 140 DEGREES FROM REC19.

1

JOB: S15 B230 AM 118 & OBSERVATION
 DATE: 12/26/2006 TIME: 14:52:09.01

RUN: S15 B230 AM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 340	REC2 290	REC3 290	REC4 50	REC5 270	REC6 30	REC7 285	REC8 75	REC9 235	REC10 220	REC11 85	REC12 205	REC13 190	REC14 0	REC15 160	REC16 105	REC17 95	REC18 75	REC19 140	REC20 80
1 *	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
2 *	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.4	.1
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.1	.0	.1	.1	.0	.2	.2	.2	.0	.0	.0	.0	.1	.1	.2	.0	.1
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
10 *	.0	.0	.0	.1	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.4	.3	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B230 AM 118 & OBSERVATION
 DATE: 12/26/2006 TIME: 14:52:09.01

RUN: S15 B230 AM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 75	REC22 30	REC23 55	REC24 20	REC25 275	REC26 315	REC27 290	REC28 190
1 *	.1	.2	.2	.2	.2	.1	.1	.0
2 *	.1	.0	.2	.6	.5	.2	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.1	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.1	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.2	.1	.0	.0	.0	.0	.0	.0
13 *	.1	.1	.0	.0	.1	.0	.0	.0
14 *	.0	.0	.0	.1	.0	.1	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15B230A.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

S15B230P.DAT

S15 B230 PM 118 & OBSERVATION 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242140.	554729.	5.
REC 2	164'	SE CORNER	242217.	554951.	5.
REC 3	82'	SE CORNER	242189.	555030.	5.
REC 4		SE CORNER	242168.	555108.	5.
REC 5	82'	ES CORNER	242244.	555155.	5.
REC 6	164'	ES CORNER	242322.	555187.	5.
REC 7	400'	ES CORNER	242533.	555278.	5.
REC 8	400'	EN CORNER	242494.	555396.	5.
REC 9	164'	EN CORNER	242274.	555314.	5.
REC 10	400'	EN CORNE	242200.	555283.	5.
REC 11		NE CORNER	242114.	555256.	5.
REC 12	82'	NE CORNER	242075.	555312.	5.
REC 13	164'	NE CORNE	242048.	555388.	5.
REC 14	400'	NE CORNE	242014.	555627.	5.
REC 15	400'	NW CORNE	241925.	555580.	5.
REC 16	164'	NW CORNE	241976.	555354.	5.
REC 17	400'	NW CORNE	242007.	555277.	5.
REC 18		NW CORNER	242033.	555202.	5.
REC 19	82'	WN CORNER	241962.	555173.	5.
REC 20	164'	WN CORNE	241884.	555138.	5.
REC 21	400'	WN CORNE	241672.	555027.	5.
	241670.		241710.	554904.	5.
REC 23	164'	WS CORNE	241921.	555003.	5.
REC 24	82'	WS CORNER	241999.	555039.	5.
REC 25		SW CORNER	242079.	555073.	5.
REC 26	82'	SW CORNER	242130.	554992.	5.
REC 27	164'	SW CORNE	242158.	554912.	5.
REC 28	400'	SW CORNE	242098.	554759.	5.

S15 B230 PM 118 & Obs 44 1 1

1		EB 118	AG242113.555140.241675.554935.	2100 2.9	0. 92.	40.
2		EB 118	AG242052.555112.241825.555005.	0. 72.	6	
	90	46	4.0 2100 29.1 1192 3 3			
1		EB 118	AG241675.554935.241440.554769.	2100 2.9	0. 92.	40.
1		EB 118	AG241440.554769.241266.554607.	2100 2.9	0. 68.	40.
1		EB 118 Dp	AG243037.555505.242630.555358.	1925 2.9	0. 56.	40.
1		EB 118 Dp	AG242630.555358.242113.555137.	1925 2.9	0. 56.	40.
1		WB 118 R	AG242093.555219.242382.555337.	50 2.9	0. 32.	40.
1		WB 118	AG242106.555191.242395.555314.	1725 2.9	0. 68.	40.
2		WB 118	AG242160.555214.242337.555289.	0. 48	4	
	90	28	4.0 1725 29.1 1334 3 3			
1		WB 118 all	AG242394.555324.243012.555565.	1775 2.9	0. 56.	40.
1		WB 118 dp	AG241238.554660.241458.554852.	1925 2.9	0. 56.	40.
1		WB 118 dp	AG241458.554852.241778.555049.	1925 2.9	0. 56.	40.
1		WB 118 dp	AG241778.555049.241931.555126.	1925 2.9	0. 56.	40.
1		WB 118 dp	AG241931.555126.242107.555193.	1925 2.9	0. 56.	40.
2		NB Obs	AG242111.555169.242192.554949.	2625 2.9	0. 44.	40.
	90	70	4.0 2625 29.1 1035 3 3	0. 24	2	
1		NB Obs	AG242192.554949.242195.554846.	150 2.9	0. 44.	40.
1		NB Obs	AG242195.554846.242144.554764.	150 2.9	0. 44.	40.
1		NB Obs	AG242144.554764.241961.554593.	150 2.9	0. 44.	40.
1		NB Obs	AG241961.554593.241815.554458.	150 2.9	0. 44.	40.
1		NB Obs	AG241815.554458.241767.554406.	150 2.9	0. 44.	40.
1		NB Obs	AG241767.554406.241743.554351.	150 2.9	0. 44.	40.
1		NB Obs	AG241743.554351.241744.554224.	150 2.9	0. 44.	40.
1		NB Obs dp	AG241895.556131.241962.556022.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241962.556022.242003.555922.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242003.555922.242015.555784.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242015.555784.241983.555623.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241983.555623.241972.555520.	300 2.9	0. 44.	40.
1		NB Obs dp	AG241972.555520.242019.555375.	300 2.9	0. 44.	40.
1		NB Obs dp	AG242019.555375.242110.555171.	300 2.9	0. 44.	40.
2		SB Obs	AG242079.555169.241957.555461.	425 2.9	0. 44.	40.
	90	70	4.0 425 29.1 1399 3 3	0. 24	2	
1		SB Obs	AG241957.555461.241950.555566.	425 2.9	0. 44.	40.
1		SB Obs	AG241950.555566.241981.555755.	425 2.9	0. 44.	40.
1		SB Obs	AG241981.555755.241981.555867.	425 2.9	0. 44.	40.
1		SB Obs	AG241981.555867.241955.555956.	425 2.9	0. 44.	40.

		S15B230P.DAT			
0	1	SB Obs	AG241955.555956.241859.556126.	425 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554234.241724.554307.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241724.554307.241738.554373.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241738.554373.241774.554436.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG241774.554436.242128.554770.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242128.554770.242177.554849.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554849.242177.554928.	300 2.9	0. 44. 40.
0	1	SB Obs dp	AG242177.554928.242079.555168.	300 2.9	0. 44. 40.
1.0	0.4 1000.	0Y 5 0 72			

JOB: S15 B230 PM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:28.01

RUN: S15 B230 PM 118 & Obs

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 118	* 242113.0	555140.0	241675.0	554935.0	*	484.	245. AG	2100.	2.9	.0	92.0	
2.	EB 118	* 242052.0	555112.0	241972.4	555074.5	*	88.	245. AG	239.	100.0	.0	72.0	.70 4.5
3. 0	EB 118	* 241675.0	554935.0	241440.0	554769.0	*	288.	235. AG	2100.	2.9	.0	92.0	
4. 0	EB 118	* 241440.0	554769.0	241266.0	554607.0	*	238.	227. AG	2100.	2.9	.0	68.0	
5. 0	EB 118 Dp	* 243037.0	555505.0	242630.0	555358.0	*	433.	250. AG	1925.	2.9	.0	56.0	
6. 0	EB 118 Dp	* 242630.0	555358.0	242113.0	555137.0	*	562.	247. AG	1925.	2.9	.0	56.0	
7. 0	WB 118 R	* 242093.0	555219.0	242382.0	555337.0	*	312.	68. AG	50.	2.9	.0	32.0	
8. T&L	WB 118	* 242106.0	555191.0	242395.0	555314.0	*	314.	67. AG	1725.	2.9	.0	68.0	
9. L&T	WB 118	* 242160.0	555214.0	242220.8	555239.8	*	66.	67. AG	97.	100.0	.0	48.0	.52 3.4
10.	WB 118 all	* 242394.0	555324.0	243012.0	555565.0	*	663.	69. AG	1775.	2.9	.0	56.0	
11. 0	WB 118 dp	* 241238.0	554660.0	241458.0	554852.0	*	292.	49. AG	1925.	2.9	.0	56.0	
12. 0	WB 118 dp	* 241458.0	554852.0	241778.0	555049.0	*	376.	58. AG	1925.	2.9	.0	56.0	
13. 0	WB 118 dp	* 241778.0	555049.0	241931.0	555126.0	*	171.	63. AG	1925.	2.9	.0	56.0	
14. 0	WB 118 dp	* 241931.0	555126.0	242107.0	555193.0	*	188.	69. AG	1925.	2.9	.0	56.0	
15. 0	NB Obs	* 242111.0	555169.0	242192.0	554949.0	*	234.	160. AG	2625.	2.9	.0	44.0	
16.	NB Obs	* 242140.0	555089.0	246413.6	543516.3	*	*****	160. AG	121.	100.0	.0	24.0	8.15 626.7
17. 0	NB Obs	* 242192.0	554949.0	242195.0	554846.0	*	103.	178. AG	150.	2.9	.0	44.0	
18. 0	NB Obs	* 242195.0	554846.0	242144.0	554764.0	*	97.	212. AG	150.	2.9	.0	44.0	
19. 0	NB Obs	* 242144.0	554764.0	241961.0	554593.0	*	250.	227. AG	150.	2.9	.0	44.0	
20. 0	NB Obs	* 241961.0	554593.0	241815.0	554458.0	*	199.	227. AG	150.	2.9	.0	44.0	
21. 0	NB Obs	* 241815.0	554458.0	241767.0	554406.0	*	71.	223. AG	150.	2.9	.0	44.0	
22. 0	NB Obs	* 241767.0	554406.0	241743.0	554351.0	*	60.	204. AG	150.	2.9	.0	44.0	
23. 0	NB Obs	* 241743.0	554351.0	241744.0	554224.0	*	127.	180. AG	150.	2.9	.0	44.0	
24. 0	NB Obs dp	* 241895.0	556131.0	241962.0	556022.0	*	128.	148. AG	300.	2.9	.0	44.0	
25. 0	NB Obs dp	* 241962.0	556022.0	242003.0	555922.0	*	108.	158. AG	300.	2.9	.0	44.0	
26. 0	NB Obs dp	* 242003.0	555922.0	242015.0	555784.0	*	139.	175. AG	300.	2.9	.0	44.0	
27. 0	NB Obs dp	* 242015.0	555784.0	241983.0	555623.0	*	164.	191. AG	300.	2.9	.0	44.0	
28. 0	NB Obs dp	* 241983.0	555623.0	241972.0	555520.0	*	104.	186. AG	300.	2.9	.0	44.0	
29. 0	NB Obs dp	* 241972.0	555520.0	242019.0	555375.0	*	152.	162. AG	300.	2.9	.0	44.0	
30. 0	NB Obs dp	* 242019.0	555375.0	242110.0	555171.0	*	223.	156. AG	300.	2.9	.0	44.0	
31. 0	SB Obs	* 242079.0	555169.0	241957.0	555461.0	*	316.	337. AG	425.	2.9	.0	44.0	
32. 0	SB Obs	* 242039.0	555264.0	241984.5	555394.8	*	142.	337. AG	121.	100.0	.0	24.0	.98 7.2
33. 0	SB Obs	* 241957.0	555461.0	241950.0	555566.0	*	105.	356. AG	425.	2.9	.0	44.0	
34. 0	SB Obs	* 241950.0	555566.0	241981.0	555755.0	*	192.	9. AG	425.	2.9	.0	44.0	
35. 0	SB Obs	* 241981.0	555755.0	241981.0	555867.0	*	112.	360. AG	425.	2.9	.0	44.0	
36. 0	SB Obs	* 241981.0	555867.0	241955.0	555956.0	*	93.	344. AG	425.	2.9	.0	44.0	
37. 0	SB Obs	* 241955.0	555956.0	241859.0	556126.0	*	195.	331. AG	425.	2.9	.0	44.0	
38. 0	SB Obs dp	* 241724.0	554234.0	241724.0	554307.0	*	73.	360. AG	300.	2.9	.0	44.0	
39. 0	SB Obs dp	* 241724.0	554307.0	241738.0	554373.0	*	67.	12. AG	300.	2.9	.0	44.0	
40. 0	SB Obs dp	* 241738.0	554373.0	241774.0	554436.0	*	73.	30. AG	300.	2.9	.0	44.0	
41. 0	SB Obs dp	* 241774.0	554436.0	242128.0	554770.0	*	487.	47. AG	300.	2.9	.0	44.0	
42. 0	SB Obs dp	* 242128.0	554770.0	242177.0	554849.0	*	93.	32. AG	300.	2.9	.0	44.0	
43. 0	SB Obs dp	* 242177.0	554849.0	242177.0	554928.0	*	79.	360. AG	300.	2.9	.0	44.0	
44. 0	SB Obs dp	* 242177.0	554928.0	242079.0	555168.0	*	259.	338. AG	300.	2.9	.0	44.0	

JOB: S15 B230 PM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:28.01

RUN: S15 B230 PM 118 & Obs

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 118	* 90	46	4.0	2100	1192	29.10	3	3
9. L&T	WB 118	* 90	28	4.0	1725	1334	29.10	3	3
16.	NB Obs	* 90	70	4.0	2625	1035	29.10	3	3
32. 0	SB Obs	* 90	70	4.0	425	1399	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242140.0	554729.0	5.0	*
2. REC 2 164' SE CORNER	*	242217.0	554951.0	5.0	*
3. REC 3 82' SE CORNER	*	242189.0	555030.0	5.0	*
4. REC 4 SE CORNER	*	242168.0	555108.0	5.0	*
5. REC 5 82' ES CORNER	*	242244.0	555155.0	5.0	*
6. REC 6 164' ES CORNER	*	242322.0	555187.0	5.0	*
7. REC 7 400' ES CORNER	*	242533.0	555278.0	5.0	*
8. REC 8 400' EN CORNER	*	242494.0	555396.0	5.0	*
9. REC 9 164' EN CORNER	*	242274.0	555314.0	5.0	*
10. REC 10 400' EN CORNE	*	242200.0	555283.0	5.0	*
11. REC 11 NE CORNER	*	242114.0	555256.0	5.0	*
12. REC 12 82' NE CORNER	*	242075.0	555312.0	5.0	*
13. REC 13 164' NE CORNE	*	242048.0	555388.0	5.0	*
14. REC 14 400' NE CORNE	*	242014.0	555627.0	5.0	*
15. REC 15 400' NW CORNE	*	241925.0	555580.0	5.0	*
16. REC 16 164' NW CORNE	*	241976.0	555354.0	5.0	*
17. REC 17 400' NW CORNE	*	242007.0	555277.0	5.0	*
18. REC 18 NW CORNER	*	242033.0	555202.0	5.0	*
19. REC 19 82' WN CORNER	*	241962.0	555173.0	5.0	*
20. REC 20 164' WN CORNE	*	241884.0	555138.0	5.0	*
21. REC 21 400' WN CORNE	*	241672.0	555027.0	5.0	*
22. 241670.	*	241710.0	554904.0	5.0	*
23. REC 23 164' WS CORNE	*	241921.0	555003.0	5.0	*
24. REC 24 82' WS CORNER	*	241999.0	555039.0	5.0	*
25. REC 25 SW CORNER	*	242079.0	555073.0	5.0	*

26. REC 26 82' SW CORNER * 242130.0 554992.0 S15B230P.OUT
27. REC 27 164' SW CORNE * 242158.0 554912.0 5.0 *
28. REC 28 400' SW CORNE * 242098.0 554759.0 5.0 *

1

JOB: S15 B230 PM 118 & OBSERVATION

RUN: S15 B230 PM 118 & Obs

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.3	.1	.0
5.	*	.2	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.2	.1	.0
10.	*	.2	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.1	.1	.0
15.	*	.1	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.1	.1	.0
20.	*	.1	.1	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1	.0
25.	*	.1	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.1	.1
30.	*	.1	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.1	.1
35.	*	.1	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.1	.1
40.	*	.1	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.0	.1	.1
45.	*	.1	.0	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.1	.1
50.	*	.1	.0	.1	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0
55.	*	.1	.0	.0	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0
60.	*	.1	.0	.0	.1	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.1
65.	*	.1	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.2	.1
70.	*	.1	.0	.0	.1	.1	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0	.3	.3	.4	.3	.3
75.	*	.1	.0	.0	.0	.1	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.3	.3	.4	.3	.3
80.	*	.1	.0	.0	.0	.1	.0	.0	.4	.3	.3	.2	.1	.0	.0	.0	.3	.3	.4	.4	.5
85.	*	.1	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0	.0	.0	.3	.4	.4	.4	.6
90.	*	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.3	.5	.4	.3	.5
95.	*	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0	.0	.0	.4	.5	.3	.5	.6
100.	*	.1	.0	.0	.0	.0	.0	.0	.3	.2	.3	.3	.2	.0	.0	.0	.4	.5	.3	.5	.6
105.	*	.1	.0	.0	.0	.0	.0	.0	.4	.2	.2	.3	.2	.0	.0	.0	.4	.4	.4	.5	.7
110.	*	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.2	.0	.0	.0	.4	.4	.4	.5	.8
115.	*	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.4	.4	.4	.6	.7
120.	*	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.4	.4	.7	.5
125.	*	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.3	.6	.7	.6
130.	*	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.3	.5	.8	.6
135.	*	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.5	.5	.8	.5
140.	*	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.3	.3	.0	.0	.0	.5	.4	.6	.8	.5
145.	*	.2	.1	.1	.1	.0	.0	.0	.3	.2	.3	.3	.3	.1	.0	.1	.6	.4	.6	.9	.4
150.	*	.2	.2	.3	.2	.1	.0	.0	.3	.2	.3	.4	.4	.1	.1	.2	.6	.5	.7	.9	.4
155.	*	.2	.4	.4	.4	.1	.1	.0	.3	.3	.4	.5	.4	.3	.1	.2	.6	.6	.8	.9	.4
160.	*	.1	.5	.6	.5	.2	.1	.1	.4	.3	.4	.6	.3	.3	.1	.2	.4	.6	.6	.7	.4
165.	*	.1	.5	.7	.6	.2	.1	.1	.4	.3	.6	.6	.3	.3	.1	.2	.4	.5	.7	.7	.4
170.	*	.0	.5	.7	.6	.2	.1	.1	.4	.3	.6	.5	.3	.2	.1	.2	.3	.5	.6	.5	.3
175.	*	.0	.5	.7	.6	.2	.1	.1	.3	.3	.6	.5	.3	.3	.2	.0	.2	.4	.6	.5	.3
180.	*	.0	.5	.8	.7	.2	.1	.1	.3	.3	.7	.4	.4	.2	.1	.0	.2	.4	.6	.5	.3
185.	*	.0	.5	.8	.7	.2	.1	.1	.4	.3	.6	.5	.3	.3	.1	.0	.2	.4	.6	.4	.3
190.	*	.0	.4	.7	.7	.2	.1	.1	.4	.3	.6	.5	.3	.4	.0	.0	.1	.3	.6	.4	.3
195.	*	.0	.4	.7	.6	.2	.1	.1	.4	.3	.6	.4	.3	.4	.0	.0	.1	.3	.6	.3	.3
200.	*	.0	.4	.7	.6	.2	.1	.1	.4	.4	.6	.3	.3	.4	.0	.0	.1	.3	.6	.3	.3
205.	*	.0	.4	.7	.6	.2	.1	.1	.4	.5	.5	.4	.4	.3	.0	.0	.0	.1	.6	.3	.3

1

JOB: S15 B230 PM 118 & OBSERVATION

RUN: S15 B230 PM 118 & Obs

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.4	.7	.5	.2	.1	.1	.4	.5	.7	.4	.4	.3	.0	.0	.0	.1	.5	.3	.3
215.	*	.0	.4	.6	.4	.2	.1	.1	.3	.5	.5	.4	.4	.2	.0	.0	.0	.2	.5	.3	.3
220.	*	.0	.3	.5	.4	.2	.2	.1	.3	.5	.4	.3	.2	.2	.0	.0	.0	.2	.4	.3	.4
225.	*	.0	.3	.5	.4	.2	.2	.1	.4	.5	.5	.3	.3	.2	.0	.0	.0	.0	.5	.3	.4
230.	*	.0	.3	.5	.4	.2	.2	.0	.4	.4	.5	.3	.2	.2	.0	.0	.0	.0	.4	.4	.4
235.	*	.0	.3	.5	.5	.3	.2	.1	.4	.4	.4	.3	.2	.2	.0	.0	.0	.0	.4	.4	.3
240.	*	.0	.3	.5	.5	.4	.3	.1	.4	.4	.4	.2	.2	.2	.0	.0	.0	.0	.3	.3	.2
245.	*	.0	.3	.6	.5	.4	.4	.1	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0	.2	.3	.2
250.	*	.0	.4	.6	.7	.4	.4	.2	.2	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.1	.1
255.	*	.0	.4	.6	.6	.4	.5	.3	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.0	.0
260.	*	.0	.4	.6	.6	.5	.4	.3	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.4	.7	.6	.6	.4	.3	.0	.1	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.4	.7	.6	.6	.3	.3	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.6	.7	.6	.4	.4	.3	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.6	.8	.6	.3	.4	.3	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.7	.9	.6	.3	.4	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.8	1.0	.6	.3	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.8	1.0	.5	.3	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.9	.9	.5	.5	.4	.3	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.9	.9	.5	.5	.3	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.9	.9	.5	.5	.3	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.9	.8	.5	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.8	.6	.5	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.7	.5	.3	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.6	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
335.	*	.1	.5	.5	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
340.	*	.1	.4	.4	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
345.	*	.1	.3	.3	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
350.	*	.0	.2	.2	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.0	.0
355.	*	.1	.1	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.0	.0
360.	*	.2	.2	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.3	.1	.0
MAX DEGR.	*	.2	.9	1.0	.7	.6	.5	.4	.4	.5	.7	.6	.4	.4	.2	.2	.6	.6	.8	.9	.8
		0	300	290	180	265	255	45	80	205	210	160	150	190	175	150	145	155	155	145	110

JOB: S15 B230 PM 118 & OBSERVATION

RUN: S15 B230 PM 118 & Obs

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.3	.3	1.0	.3	.3	.4	.0	
5.	.0	.3	.2	1.0	.3	.5	.4	.2	
10.	.0	.3	.3	1.0	.3	.5	.5	.2	
15.	.0	.3	.4	.9	.2	.5	.5	.2	
20.	.0	.3	.4	.9	.3	.6	.6	.2	
25.	.0	.3	.5	.9	.4	.5	.6	.1	
30.	.0	.2	.5	.9	.4	.5	.4	.1	
35.	.0	.3	.5	.8	.4	.5	.3	.1	
40.	.0	.4	.6	.8	.4	.5	.3	.1	
45.	.0	.3	.5	1.0	.4	.5	.3	.1	
50.	.0	.4	.6	.9	.5	.5	.3	.1	
55.	.0	.4	.6	.8	.5	.4	.2	.1	
60.	.2	.3	.5	.6	.3	.4	.2	.1	
65.	.2	.3	.6	.5	.3	.4	.2	.1	
70.	.4	.2	.4	.5	.4	.4	.2	.1	
75.	.4	.1	.4	.4	.3	.4	.2	.1	
80.	.5	.1	.3	.4	.2	.4	.2	.1	
85.	.5	.1	.2	.2	.2	.4	.2	.1	
90.	.4	.1	.1	.2	.3	.4	.2	.1	
95.	.3	.1	.1	.2	.3	.4	.2	.1	
100.	.3	.1	.1	.2	.3	.4	.2	.1	
105.	.4	.1	.1	.2	.3	.4	.2	.1	
110.	.4	.1	.1	.2	.4	.5	.3	.1	
115.	.4	.1	.1	.1	.4	.5	.3	.1	
120.	.4	.1	.1	.1	.4	.4	.3	.1	
125.	.4	.1	.1	.1	.3	.4	.3	.1	
130.	.3	.1	.1	.1	.3	.4	.3	.1	
135.	.4	.1	.1	.1	.4	.4	.3	.1	
140.	.4	.1	.1	.2	.4	.4	.3	.2	
145.	.4	.1	.1	.2	.4	.4	.4	.2	
150.	.4	.1	.1	.2	.3	.4	.4	.2	
155.	.4	.1	.1	.2	.3	.4	.4	.2	
160.	.3	.0	.1	.1	.2	.3	.3	.1	
165.	.3	.0	.1	.1	.2	.2	.2	.1	
170.	.3	.0	.0	.0	.1	.1	.1	.0	
175.	.4	.0	.0	.0	.0	.1	.1	.0	
180.	.4	.0	.0	.0	.0	.0	.0	.0	
185.	.3	.0	.0	.0	.0	.0	.0	.0	
190.	.3	.0	.0	.0	.0	.0	.0	.0	
195.	.3	.0	.0	.0	.0	.0	.0	.0	
200.	.3	.0	.0	.0	.0	.0	.0	.0	
205.	.3	.0	.0	.0	.0	.0	.0	.1	

JOB: S15 B230 PM 118 & OBSERVATION

RUN: S15 B230 PM 118 & Obs

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.1	
215.	.3	.0	.0	.0	.0	.0	.0	.1	
220.	.3	.1	.0	.0	.0	.0	.0	.1	
225.	.3	.1	.0	.1	.0	.0	.0	.1	
230.	.3	.1	.1	.1	.1	.0	.0	.1	
235.	.1	.1	.1	.1	.2	.0	.0	.0	
240.	.1	.2	.1	.1	.2	.0	.0	.0	
245.	.1	.2	.3	.2	.4	.0	.0	.0	
250.	.0	.2	.3	.2	.4	.0	.0	.0	
255.	.0	.3	.3	.3	.5	.0	.0	.0	
260.	.0	.4	.3	.3	.6	.0	.0	.0	
265.	.0	.4	.3	.3	.6	.1	.0	.0	
270.	.0	.4	.3	.2	.8	.1	.0	.0	
275.	.0	.4	.3	.4	.8	.1	.0	.0	
280.	.0	.4	.3	.4	.9	.1	.0	.0	
285.	.0	.3	.2	.4	.8	.2	.1	.0	
290.	.0	.3	.3	.4	.8	.2	.1	.0	
295.	.0	.3	.3	.4	.9	.2	.1	.0	
300.	.0	.3	.3	.4	.8	.3	.1	.0	
305.	.0	.3	.3	.5	.8	.3	.2	.0	
310.	.0	.3	.3	.5	.8	.3	.2	.0	
315.	.0	.3	.3	.5	.7	.3	.2	.0	
320.	.0	.3	.3	.5	.7	.3	.2	.0	
325.	.0	.2	.3	.6	.6	.3	.2	.0	
330.	.0	.2	.3	.8	.5	.3	.2	.0	
335.	.0	.3	.3	.8	.6	.2	.3	.1	
340.	.0	.3	.3	.8	.5	.3	.3	.1	
345.	.0	.3	.3	.9	.5	.2	.2	.1	
350.	.0	.3	.3	.9	.4	.2	.3	.1	
355.	.0	.3	.3	.9	.4	.3	.4	.1	
360.	.0	.3	.3	1.0	.3	.3	.4	.0	
MAX	.5	.4	.6	1.0	.9	.6	.6	.2	
DEGR.	80	40	40	0	280	20	20	5	

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 290 DEGREES FROM REC3 .

S15B230P.OUT
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 0 DEGREES FROM REC24.
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 280 DEGREES FROM REC25.

1

JOB: S15 B230 PM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:28.01

RUN: S15 B230 PM 118 & Obs

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 0	REC2 300	REC3 290	REC4 180	REC5 265	REC6 255	REC7 45	REC8 80	REC9 205	REC10 210	REC11 160	REC12 150	REC13 190	REC14 175	REC15 150	REC16 145	REC17 155	REC18 155	REC19 145	REC20 110
1 *	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1
2 *	.0	.1	.2	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.4	.3
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.2	.2	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1
15 *	.1	.3	.3	.3	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1
16 *	.1	.4	.4	.4	.0	.0	.0	.0	.1	.0	.3	.1	.0	.1	.1	.1	.2	.3	.2	.1
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S15 B230 PM 118 & OBSERVATION
DATE: 12/26/2006 TIME: 14:52:28.01

RUN: S15 B230 PM 118 & Obs

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 80	REC22 40	REC23 40	REC24 0	REC25 280	REC26 20	REC27 20	REC28 5
1 *	.1	.3	.2	.2	.2	.0	.0	.0
2 *	.1	.0	.3	.6	.6	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.1	.1	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.1	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.2	.0	.0	.0	.0	.0	.0	.0
13 *	.1	.1	.0	.0	.1	.0	.0	.0
14 *	.0	.0	.1	.1	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.2	.2	.1
16 *	.0	.0	.0	.0	.0	.2	.3	.1
17 *	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.1	.0	.0	.0	.0

33	*	.0	.0	.0	.0	.0	.0	.0	S15B230P.OUT
34	*	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	

Site 16 Milestone Apartment

				S16EXAM.DAT			
S16 EX				60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16 EX AM				13	1	1	
1							
1	NB HOV	AG236493.559280.236313.559487.		1 4.2	0. 32.	67.	
2	NB HOV	AG236313.559487.235967.559851.		1 4.2	0. 32.	67.	
3	NB HOV	AG235967.559851.235789.560022.		1 4.2	0. 32.	67.	
4	NB HOV	AG235789.560022.235394.560425.		1 4.2	0. 32.	67.	
5	NB HOV	AG235394.560425.235121.560734.		1 4.2	0. 32.	67.	
6	NB I-270	AG236504.559291.236175.559661.	2064	4.2	0. 44.	67.	
7	NB I-270	AG236175.559661.235758.560099.	2064	4.2	0. 44.	67.	
8	NB I-270	AG235758.560099.235392.560461.	2064	4.2	0. 44.	67.	
9	NB I-270	AG235392.560461.235136.560748.	2064	4.2	0. 44.	67.	
10	SB I-270	AG235087.560701.235346.560402.	3811	4.2	0. 56.	66.1	
11	SB I-270	AG235346.560402.235761.559988.	3811	4.2	0. 56.	66.1	
12	SB I-270	AG235761.559988.236146.559571.	3811	4.2	0. 56.	66.1	
13	SB I-270	AG236146.559571.236439.559237.	3811	4.2	0. 56.	66.1	
1.0	0.4 1000. 0.0Y	5 0 72					

1

S16EXAM.OUT

PAGE 1

JOB: S16 EX
DATE: 12/14/2006 TIME: 12:59:18.89

RUN: S16 EX AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB HOV	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	1.	4.2	.0	32.0	
2. 2	NB HOV	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	1.	4.2	.0	32.0	
3. 3	NB HOV	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	1.	4.2	.0	32.0	
4. 4	NB HOV	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	1.	4.2	.0	32.0	
5. 5	NB HOV	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	1.	4.2	.0	32.0	
6. 6	NB I-270	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	2064.	4.2	.0	44.0	
7. 7	NB I-270	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	2064.	4.2	.0	44.0	
8. 8	NB I-270	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	2064.	4.2	.0	44.0	
9. 9	NB I-270	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	2064.	4.2	.0	44.0	
10. 10	SB I-270	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	3811.	4.2	.0	56.0	
11. 11	SB I-270	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	3811.	4.2	.0	56.0	
12. 12	SB I-270	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	3811.	4.2	.0	56.0	
13. 13	SB I-270	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	3811.	4.2	.0	56.0	

1

PAGE 2

JOB: S16 EX
DATE: 12/14/2006 TIME: 12:59:18.89

RUN: S16 EX AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

PAGE 3

JOB: S16 EX

RUN: S16 EX AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6
0.	.0	.0	.0	.0	.1	.0
5.	.0	.0	.0	.0	.1	.0
10.	.0	.0	.0	.0	.1	.0
15.	.0	.0	.0	.0	.1	.0
20.	.0	.0	.0	.0	.1	.0
25.	.0	.0	.0	.0	.1	.0
30.	.0	.0	.0	.0	.1	.0
35.	.0	.0	.0	.0	.1	.0
40.	.0	.0	.0	.0	.1	.0
45.	.0	.0	.0	.0	.1	.0
50.	.0	.0	.0	.0	.1	.0
55.	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.1	.0
65.	.0	.0	.0	.0	.1	.0
70.	.0	.0	.0	.0	.1	.0
75.	.0	.0	.0	.0	.1	.0
80.	.0	.0	.0	.0	.1	.0
85.	.0	.0	.0	.0	.1	.0
90.	.0	.0	.0	.0	.1	.0
95.	.0	.0	.0	.0	.1	.0
100.	.0	.0	.0	.0	.1	.0
105.	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.0	.0	.0
175.	.0	.1	.0	.0	.0	.0

```

180. * .0 .1 .1 .1 .0 .0
185. * .0 .1 .1 .2 .0 .0
190. * .1 .2 .1 .2 .0 .0
195. * .1 .2 .1 .2 .0 .0
200. * .1 .1 .0 .2 .0 .0
205. * .1 .1 .0 .2 .0 .0

```

S16EXAM.OUT

1

JOB: S16 EX

RUN: S16 EX AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----*-----
210. * .1 .1 .1 .2 .0 .0
215. * .0 .1 .1 .1 .0 .1
220. * .0 .0 .1 .1 .0 .2
225. * .0 .1 .1 .0 .0 .2
230. * .1 .1 .1 .1 .0 .2
235. * .1 .1 .1 .1 .0 .2
240. * .1 .1 .1 .1 .0 .2
245. * .0 .1 .1 .1 .0 .2
250. * .0 .1 .1 .2 .0 .2
255. * .0 .1 .0 .2 .0 .2
260. * .0 .1 .0 .2 .0 .2
265. * .0 .1 .1 .2 .0 .2
270. * .0 .1 .1 .2 .0 .1
275. * .0 .1 .1 .2 .0 .1
280. * .0 .0 .1 .2 .0 .1
285. * .0 .0 .0 .1 .0 .1
290. * .0 .0 .0 .1 .0 .1
295. * .0 .0 .0 .1 .0 .1
300. * .0 .0 .0 .0 .0 .0
305. * .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .1 .0
350. * .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .1 .0
360. * .0 .0 .0 .0 .1 .0
-----*-----
MAX * .1 .2 .1 .2 .1 .2
DEGR. * 190 190 180 185 0 220

```

```

THE HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 185 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 220 DEGREES FROM REC6 .

```

1

JOB: S16 EX

DATE: 12/14/2006 TIME: 12:59:18.89

RUN: S16 EX AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 190 190 180 185 0 220
-----*-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .1 .0 .1
7 * .0 .1 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .1 .0 .0 .0 .1 .0
12 * .0 .1 .0 .0 .0 .0
13 * .0 .0 .1 .1 .0 .1

```

				S16EXPM.DAT				
S16 EX				60.0175.0.0000.000	60.30480000	11	1	
REC 1	MILESTONE APTS	235764.	560912.	5.				
REC 2	MILESTONE APTS	236055.	560331.	5.				
REC 3	MILESTONE APTS	236378.	560139.	5.				
REC 4	MILESTONE APTS	236428.	559863.	5.				
REC 5	DRIVING RANGE	235429.	559745.	5.				
REC 6	MILESTONE APTS	236645.	559582.	5.				
S16 EX AM				13	1	1		
1								
1	NB HOV	AG236493.559280.236313.559487.		712	4.1	0. 32.	63.2	
2	NB HOV	AG236313.559487.235967.559851.		712	4.1	0. 32.	63.2	
3	NB HOV	AG235967.559851.235789.560022.		712	4.1	0. 32.	63.2	
4	NB HOV	AG235789.560022.235394.560425.		712	4.1	0. 32.	63.2	
5	NB HOV	AG235394.560425.235121.560734.		712	4.1	0. 32.	63.2	
6	NB I-270	AG236504.559291.236175.559661.		4101	4.1	0. 44.	63.2	
7	NB I-270	AG236175.559661.235758.560099.		4101	4.1	0. 44.	63.2	
8	NB I-270	AG235758.560099.235392.560461.		4101	4.1	0. 44.	63.2	
9	NB I-270	AG235392.560461.235136.560748.		4101	4.1	0. 44.	63.2	
10	SB I-270	AG235087.560701.235346.560402.		2376	4.2	0. 56.	67.	
11	SB I-270	AG235346.560402.235761.559988.		2376	4.2	0. 56.	67.	
12	SB I-270	AG235761.559988.236146.559571.		2376	4.2	0. 56.	67.	
13	SB I-270	AG236146.559571.236439.559237.		2376	4.2	0. 56.	67.	
1.0	0.4 1000. 0.0Y	5	0 72					

1

JOB: S16 EX
DATE: 12/14/2006 TIME: 12:59:56.63

RUN: S16 EX AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB HOV	*	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	712.	4.1	.0	32.0	
2. 2	NB HOV	*	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	712.	4.1	.0	32.0	
3. 3	NB HOV	*	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	712.	4.1	.0	32.0	
4. 4	NB HOV	*	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	712.	4.1	.0	32.0	
5. 5	NB HOV	*	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	712.	4.1	.0	32.0	
6. 6	NB I-270	*	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	4101.	4.1	.0	44.0	
7. 7	NB I-270	*	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	4101.	4.1	.0	44.0	
8. 8	NB I-270	*	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	4101.	4.1	.0	44.0	
9. 9	NB I-270	*	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	4101.	4.1	.0	44.0	
10. 10	SB I-270	*	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	2376.	4.2	.0	56.0	
11. 11	SB I-270	*	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	2376.	4.2	.0	56.0	
12. 12	SB I-270	*	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	2376.	4.2	.0	56.0	
13. 13	SB I-270	*	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	2376.	4.2	.0	56.0	

1

JOB: S16 EX
DATE: 12/14/2006 TIME: 12:59:56.63

RUN: S16 EX AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 EX

RUN: S16 EX AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6
0.	.0	.0	.0	.0	.1	.0
5.	.0	.0	.0	.0	.2	.0
10.	.0	.0	.0	.0	.2	.0
15.	.0	.0	.0	.0	.2	.0
20.	.0	.0	.0	.0	.2	.0
25.	.0	.0	.0	.0	.2	.0
30.	.0	.0	.0	.0	.2	.0
35.	.0	.0	.0	.0	.2	.0
40.	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.1	.0
55.	.0	.0	.0	.0	.1	.0
60.	.0	.0	.0	.0	.1	.0
65.	.0	.0	.0	.0	.1	.0
70.	.0	.0	.0	.0	.2	.0
75.	.0	.0	.0	.0	.2	.0
80.	.0	.0	.0	.0	.2	.0
85.	.0	.0	.0	.0	.2	.0
90.	.0	.0	.0	.0	.2	.0
95.	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.1	.0
110.	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0
160.	.0	.1	.0	.0	.0	.0
165.	.0	.1	.0	.0	.0	.0
170.	.1	.1	.0	.1	.0	.0
175.	.0	.1	.1	.1	.0	.0

```

180. * .0 .1 .1 .1 .0 .0
185. * .1 .1 .1 .1 .0 .0
190. * .1 .2 .1 .2 .0 .0
195. * .1 .2 .1 .2 .0 .0
200. * .1 .2 .0 .2 .0 .0
205. * .1 .1 .0 .2 .0 .1

```

S16EXPM.OUT

1

JOB: S16 EX

RUN: S16 EX AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----*-----
210. * .1 .1 .1 .1 .0 .1
215. * .0 .1 .1 .1 .0 .1
220. * .0 .1 .1 .1 .0 .1
225. * .0 .1 .1 .1 .0 .2
230. * .1 .1 .1 .1 .0 .2
235. * .1 .1 .1 .1 .0 .2
240. * .1 .1 .1 .2 .0 .2
245. * .1 .2 .1 .2 .0 .2
250. * .0 .2 .1 .2 .0 .2
255. * .0 .2 .1 .2 .0 .2
260. * .0 .2 .1 .2 .0 .1
265. * .0 .1 .0 .2 .0 .1
270. * .0 .1 .1 .2 .0 .1
275. * .0 .1 .1 .1 .0 .1
280. * .0 .1 .1 .1 .0 .3
285. * .0 .0 .1 .1 .0 .2
290. * .0 .0 .0 .2 .0 .1
295. * .0 .0 .0 .1 .0 .1
300. * .0 .0 .0 .1 .0 .1
305. * .0 .0 .0 .0 .0 .1
310. * .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .1 .0
-----*-----
MAX * .1 .2 .1 .2 .2 .3
DEGR. * 170 190 175 190 5 280

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 280 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC4 .

1

JOB: S16 EX

DATE: 12/14/2006 TIME: 12:59:56.63

RUN: S16 EX AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 170 190 175 190 5 280
-----*-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .1 .1 .0 .1
7 * .1 .1 .0 .0 .0 .1
8 * .0 .0 .0 .0 .1 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .1 .0
12 * .0 .1 .0 .0 .0 .1
13 * .0 .0 .0 .1 .0 .0

```

				S16NB15A.DAT			
S16	NB15			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	NB15 AM			13	1	1	
1							
1	NB HOV	AG236493.559280.236313.559487.		116.2	0.32.	67.	
2							
2	NB HOV	AG236313.559487.235967.559851.		116.2	0.32.	67.	
3							
3	NB HOV	AG235967.559851.235789.560022.		116.2	0.32.	67.	
4							
4	NB HOV	AG235789.560022.235394.560425.		116.2	0.32.	67.	
5							
5	NB HOV	AG235394.560425.235121.560734.		116.2	0.32.	67.	
6							
6	NB I-270	AG236504.559291.236175.559661.	2425	4.7	0.44.	65.	
7							
7	NB I-270	AG236175.559661.235758.560099.	2425	4.7	0.44.	65.	
8							
8	NB I-270	AG235758.560099.235392.560461.	2425	4.7	0.44.	65.	
9							
9	NB I-270	AG235392.560461.235136.560748.	2425	4.7	0.44.	65.	
10							
10	SB I-270	AG235087.560701.235346.560402.	5500	4.4	0.56.	60.	
11							
11	SB I-270	AG235346.560402.235761.559988.	5500	4.4	0.56.	60.	
12							
12	SB I-270	AG235761.559988.236146.559571.	5500	4.4	0.56.	60.	
13							
13	SB I-270	AG236146.559571.236439.559237.	5500	4.4	0.56.	60.	
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: S16 NB15
DATE: 01/11/2007 TIME: 15:47:42.11

RUN: S16 NB15 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB HOV	*	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	1.	16.2	.0	32.0	
2. 2	NB HOV	*	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	1.	16.2	.0	32.0	
3. 3	NB HOV	*	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	1.	16.2	.0	32.0	
4. 4	NB HOV	*	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	*	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	1.	16.2	.0	32.0	
6. 6	NB I-270	*	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	2425.	4.7	.0	44.0	
7. 7	NB I-270	*	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	2425.	4.7	.0	44.0	
8. 8	NB I-270	*	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	2425.	4.7	.0	44.0	
9. 9	NB I-270	*	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	2425.	4.7	.0	44.0	
10. 10	SB I-270	*	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	5500.	4.4	.0	56.0	
11. 11	SB I-270	*	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	5500.	4.4	.0	56.0	
12. 12	SB I-270	*	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	5500.	4.4	.0	56.0	
13. 13	SB I-270	*	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	5500.	4.4	.0	56.0	

1

JOB: S16 NB15
DATE: 01/11/2007 TIME: 15:47:42.11

RUN: S16 NB15 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 NB15

RUN: S16 NB15 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6
0.	.0	.0	.0	.0	.1	.0
5.	.0	.0	.0	.0	.1	.0
10.	.0	.0	.0	.0	.2	.0
15.	.0	.0	.0	.0	.2	.0
20.	.0	.0	.0	.0	.2	.0
25.	.0	.0	.0	.0	.2	.0
30.	.0	.0	.0	.0	.1	.0
35.	.0	.0	.0	.0	.1	.0
40.	.0	.0	.0	.0	.1	.0
45.	.0	.0	.0	.0	.1	.0
50.	.0	.0	.0	.0	.2	.0
55.	.0	.0	.0	.0	.2	.0
60.	.0	.0	.0	.0	.2	.0
65.	.0	.0	.0	.0	.2	.0
70.	.0	.0	.0	.0	.2	.0
75.	.0	.0	.0	.0	.2	.0
80.	.0	.0	.0	.0	.2	.0
85.	.0	.0	.0	.0	.1	.0
90.	.0	.0	.0	.0	.1	.0
95.	.0	.0	.0	.0	.1	.0
100.	.0	.0	.0	.0	.1	.0
105.	.0	.0	.0	.0	.2	.0
110.	.0	.0	.0	.0	.1	.0
115.	.0	.0	.0	.0	.1	.0
120.	.0	.0	.0	.0	.1	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0
160.	.0	.1	.0	.0	.0	.0
165.	.1	.1	.0	.0	.0	.0
170.	.1	.2	.0	.0	.0	.0
175.	.1	.2	.1	.1	.0	.0

```

180. * .1 .2 .1 .2 .0 .0
185. * .1 .2 .2 .2 .0 .0
190. * .1 .2 .1 .2 .0 .0
195. * .1 .2 .1 .2 .0 .0
200. * .1 .2 .1 .2 .0 .0
205. * .1 .2 .1 .2 .0 .0

```

S16NB15A.OUT

1

JOB: S16 NB15

RUN: S16 NB15 AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----*-----
210. * .1 .2 .1 .2 .0 .1
215. * .1 .2 .1 .2 .0 .2
220. * .1 .3 .2 .3 .0 .2
225. * .1 .1 .2 .2 .0 .2
230. * .1 .1 .2 .1 .0 .2
235. * .1 .1 .2 .1 .0 .2
240. * .1 .1 .2 .2 .0 .2
245. * .1 .2 .2 .2 .0 .2
250. * .1 .2 .2 .2 .0 .2
255. * .0 .2 .2 .2 .0 .2
260. * .0 .2 .1 .2 .0 .2
265. * .0 .2 .1 .2 .0 .3
270. * .0 .2 .1 .2 .0 .3
275. * .0 .3 .1 .2 .0 .2
280. * .0 .2 .1 .3 .0 .1
285. * .0 .1 .1 .3 .0 .2
290. * .0 .1 .0 .1 .0 .2
295. * .0 .0 .0 .1 .0 .3
300. * .0 .0 .0 .1 .0 .3
305. * .0 .0 .0 .0 .0 .1
310. * .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .1 .0
340. * .0 .0 .0 .0 .1 .0
345. * .0 .0 .0 .0 .1 .0
350. * .0 .0 .0 .0 .2 .0
355. * .0 .0 .0 .0 .2 .0
360. * .0 .0 .0 .0 .1 .0
-----*-----
MAX * .1 .3 .2 .3 .2 .3
DEGR. * 165 220 185 220 10 265

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 220 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 220 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 265 DEGREES FROM REC6 .

```

1

JOB: S16 NB15

RUN: S16 NB15 AM

PAGE 5

DATE: 01/11/2007 TIME: 15:47:42.11

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 165 220 185 220 10 265
-----*-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .1 .1 .0 .1
7 * .0 .1 .0 .0 .0 .0
8 * .0 .0 .0 .0 .1 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .0 .1 .0 .0 .1 .0
12 * .1 .1 .0 .1 .0 .1
13 * .0 .0 .1 .1 .0 .1

```


				S16NB15P.DAT			
S16	NB15			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	NB15 PM			13	1	1	
1							
1	NB HOV	AG236493.559280.236313.559487.		116.2	0. 32.	67.	
2							
2	NB HOV	AG236313.559487.235967.559851.		116.2	0. 32.	67.	
3							
3	NB HOV	AG235967.559851.235789.560022.		116.2	0. 32.	67.	
4							
4	NB HOV	AG235789.560022.235394.560425.		116.2	0. 32.	67.	
5							
5	NB HOV	AG235394.560425.235121.560734.		116.2	0. 32.	67.	
6							
6	NB I-270	AG236504.559291.236175.559661.	5600	3.6	0. 44.	46.	
7							
7	NB I-270	AG236175.559661.235758.560099.	5600	3.6	0. 44.	46.	
8							
8	NB I-270	AG235758.560099.235392.560461.	5600	3.6	0. 44.	46.	
9							
9	NB I-270	AG235392.560461.235136.560748.	5600	3.6	0. 44.	46.	
10							
10	SB I-270	AG235087.560701.235346.560402.	3175	4.5	0. 56.	62.	
11							
11	SB I-270	AG235346.560402.235761.559988.	3175	4.5	0. 56.	62.	
12							
12	SB I-270	AG235761.559988.236146.559571.	3175	4.5	0. 56.	62.	
13							
13	SB I-270	AG236146.559571.236439.559237.	3175	4.5	0. 56.	62.	
1.0	0.4 1000. 0.0Y	5	0 72				

1

PAGE 1

JOB: S16 NB15
DATE: 01/11/2007 TIME: 15:50:08.98

RUN: S16 NB15 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB HOV	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	1.	16.2	.0	32.0	
2. 2	NB HOV	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	1.	16.2	.0	32.0	
3. 3	NB HOV	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	1.	16.2	.0	32.0	
4. 4	NB HOV	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	1.	16.2	.0	32.0	
6. 6	NB I-270	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	5600.	3.6	.0	44.0	
7. 7	NB I-270	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	5600.	3.6	.0	44.0	
8. 8	NB I-270	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	5600.	3.6	.0	44.0	
9. 9	NB I-270	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	5600.	3.6	.0	44.0	
10. 10	SB I-270	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	3175.	4.5	.0	56.0	
11. 11	SB I-270	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	3175.	4.5	.0	56.0	
12. 12	SB I-270	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	3175.	4.5	.0	56.0	
13. 13	SB I-270	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	3175.	4.5	.0	56.0	

1

PAGE 2

JOB: S16 NB15
DATE: 01/11/2007 TIME: 15:50:08.98

RUN: S16 NB15 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

PAGE 3

JOB: S16 NB15

RUN: S16 NB15 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
0.	.0	.0	.0	.0	.2	.0
5.	.0	.0	.0	.0	.2	.0
10.	.0	.0	.0	.0	.2	.0
15.	.0	.0	.0	.0	.2	.0
20.	.0	.0	.0	.0	.2	.0
25.	.0	.0	.0	.0	.2	.0
30.	.0	.0	.0	.0	.2	.0
35.	.0	.0	.0	.0	.2	.0
40.	.0	.0	.0	.0	.2	.0
45.	.0	.0	.0	.0	.2	.0
50.	.0	.0	.0	.0	.2	.0
55.	.0	.0	.0	.0	.1	.0
60.	.0	.0	.0	.0	.2	.0
65.	.0	.0	.0	.0	.2	.0
70.	.0	.0	.0	.0	.2	.0
75.	.0	.0	.0	.0	.2	.0
80.	.0	.0	.0	.0	.2	.0
85.	.0	.0	.0	.0	.2	.0
90.	.0	.0	.0	.0	.2	.0
95.	.0	.0	.0	.0	.2	.0
100.	.0	.0	.0	.0	.2	.0
105.	.0	.0	.0	.0	.1	.0
110.	.0	.0	.0	.0	.1	.0
115.	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.1	.0	.0	.0	.0
160.	.0	.1	.0	.0	.0	.0
165.	.1	.1	.0	.0	.0	.0
170.	.1	.2	.1	.1	.0	.0
175.	.1	.1	.1	.1	.0	.0

```

180. * .0 .2 .1 .1 .0 .0
185. * .1 .2 .2 .2 .0 .0
190. * .2 .2 .2 .2 .0 .0
195. * .2 .2 .1 .2 .0 .0
200. * .2 .2 .1 .2 .0 .0
205. * .2 .2 .1 .2 .0 .1

```

S16NB15P.OUT

1

JOB: S16 NB15

RUN: S16 NB15 PM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----
210. * .1 .2 .1 .2 .0 .1
215. * .1 .2 .2 .2 .0 .2
220. * .0 .1 .2 .2 .0 .2
225. * .1 .1 .2 .1 .0 .2
230. * .1 .2 .2 .3 .0 .2
235. * .2 .2 .2 .2 .0 .2
240. * .1 .2 .2 .2 .0 .2
245. * .1 .2 .2 .2 .0 .2
250. * .1 .2 .1 .2 .0 .2
255. * .0 .2 .1 .2 .0 .2
260. * .0 .2 .1 .2 .0 .2
265. * .0 .2 .2 .2 .0 .2
270. * .0 .2 .2 .2 .0 .1
275. * .0 .1 .2 .2 .0 .3
280. * .0 .1 .2 .1 .0 .3
285. * .0 .2 .1 .2 .0 .3
290. * .0 .1 .1 .3 .0 .2
295. * .0 .1 .0 .3 .0 .2
300. * .0 .0 .0 .1 .0 .1
305. * .0 .0 .0 .0 .0 .1
310. * .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .1 .0
350. * .0 .0 .0 .0 .1 .0
355. * .0 .0 .0 .0 .1 .0
360. * .0 .0 .0 .0 .2 .0
-----
MAX * .2 .2 .2 .3 .2 .3
DEGR. * 190 170 185 230 0 275

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 230 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 275 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC1 .

```

1

JOB: S16 NB15

RUN: S16 NB15 PM

PAGE 5

DATE: 01/11/2007 TIME: 15:50:08.98

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 190 170 185 230 0 275
-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .1 .1 .1 .0 .1
7 * .0 .1 .0 .1 .0 .1
8 * .1 .0 .0 .0 .1 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .1 .0 .0 .0 .1 .0
12 * .0 .0 .0 .1 .0 .1
13 * .0 .0 .1 .0 .0 .0

```

				S16B115A				
S16	B115AM			60.0175.0.0000.000	60.30480000	11	1	
REC	1	MILESTONE APTS	235764.	560912.	5.			
REC	2	MILESTONE APTS	236055.	560331.	5.			
REC	3	MILESTONE APTS	236378.	560139.	5.			
REC	4	MILESTONE APTS	236428.	559863.	5.			
REC	5	DRIVING RANGE	235429.	559745.	5.			
REC	6	MILESTONE APTS	236645.	559582.	5.			
S16	B115AM			14	1	1		
1								
1		NB GP	AG235173.560777.235437.560463.	2250	4.7	0	56 65.	
0	1	NB GP	AG235437.560463.235787.560118.	2250	4.7	0	56 65.	
0	1	NB GP	AG235787.560118.236196.559688.	2250	4.7	0	56 65.	
0	1	NB GP	AG236196.559688.236531.559310.	2250	4.7	0	56 65.	
1		NB ETL	AG235130.560739.235306.560532.	925	4.5	0	44 62.	
0	1	NB ETL	AG235306.560532.235518.560301.	925	4.5	0	44 62.	
0	1	NB ETL	AG235518.560301.235939.559883.	925	4.5	0	44 62.	
0	1	NB ETL	AG235939.559883.236489.559274.	925	4.5	0	44 62.	
0	1	SB ETL	AG236453.559243.236101.559635.	1000	4.5	0	44 62.	
0	1	SB ETL	AG236101.559635.235465.560289.	1000	4.5	0	44 62.	
0	1	SB ETL	AG235465.560289.235092.560696.	1000	4.5	0	44 62.	
0	1	SB GP	AG236405.559207.235763.559914.	5125	4.2	0	56 57.	
0	1	SB GP	AG235763.559914.235225.560468.	5125	4.2	0	56 57.	
0	1	SB GP	AG235225.560468.235051.560665.	5125	4.2	0	56 57.	
1.0	.54	1000. 0.0Y	5 0 72					

1

PAGE 1

JOB: S16 B115AM

RUN: S16 B115AM

DATE: 01/11/2007 TIME: 16:01:02.43

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	2250.	4.7	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	2250.	4.7	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	2250.	4.7	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	2250.	4.7	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	925.	4.5	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	925.	4.5	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	925.	4.5	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	925.	4.5	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	1000.	4.5	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	1000.	4.5	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	1000.	4.5	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	5125.	4.2	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	5125.	4.2	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	5125.	4.2	.0	56.0	

1

JOB: S16 B115AM

RUN: S16 B115AM

DATE: 01/11/2007 TIME: 16:01:02.43

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B115AM

RUN: S16 B115AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
1.	.0	.0	.0	.0	.1	.0
6.	.0	.0	.0	.0	.1	.0
11.	.0	.0	.0	.0	.1	.0
16.	.0	.0	.0	.0	.1	.0
21.	.0	.0	.0	.0	.1	.0
26.	.0	.0	.0	.0	.1	.0
31.	.0	.0	.0	.0	.1	.0
36.	.0	.0	.0	.0	.1	.0
41.	.0	.0	.0	.0	.1	.0
46.	.0	.0	.0	.0	.1	.0
51.	.0	.0	.0	.0	.1	.0
56.	.0	.0	.0	.0	.1	.0
61.	.0	.0	.0	.0	.2	.0
66.	.0	.0	.0	.0	.2	.0
71.	.0	.0	.0	.0	.2	.0
76.	.0	.0	.0	.0	.2	.0
81.	.0	.0	.0	.0	.1	.0
86.	.0	.0	.0	.0	.1	.0
91.	.0	.0	.0	.0	.1	.0
96.	.0	.0	.0	.0	.1	.0
101.	.0	.0	.0	.0	.1	.0
106.	.0	.0	.0	.0	.1	.0
111.	.0	.0	.0	.0	.1	.0
116.	.0	.0	.0	.0	.1	.0
121.	.0	.0	.0	.0	.1	.0
126.	.0	.0	.0	.0	.0	.0
131.	.0	.0	.0	.0	.0	.0
136.	.0	.0	.0	.0	.0	.0
141.	.0	.0	.0	.0	.0	.0
146.	.0	.0	.0	.0	.0	.0
151.	.0	.0	.0	.0	.0	.0
156.	.0	.0	.0	.0	.0	.0
161.	.1	.1	.0	.0	.0	.0
166.	.1	.1	.0	.0	.0	.0
171.	.1	.1	.0	.0	.0	.0

S16B115A

176. * .1 .2 .0 .1 .0 .0
 181. * .0 .2 .2 .2 .0 .0
 186. * .1 .2 .2 .2 .0 .0
 191. * .1 .2 .1 .2 .0 .0
 196. * .1 .2 .1 .2 .0 .0
 201. * .1 .2 .1 .2 .0 .0
 206. * .1 .2 .1 .2 .0 .0

1

JOB: S16 B115AM

RUN: S16 B115AM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 211. * .1 .2 .1 .2 .0 .2
 216. * .1 .3 .1 .2 .0 .2
 221. * .1 .2 .2 .2 .0 .2
 226. * .1 .1 .2 .2 .0 .2
 231. * .0 .1 .2 .1 .0 .2
 236. * .0 .1 .2 .1 .0 .2
 241. * .1 .2 .2 .2 .0 .2
 246. * .1 .2 .2 .2 .0 .2
 251. * .0 .2 .1 .2 .0 .2
 256. * .0 .2 .1 .2 .0 .2
 261. * .0 .2 .1 .2 .0 .2
 266. * .0 .2 .1 .2 .0 .2
 271. * .0 .2 .1 .2 .0 .2
 276. * .0 .2 .1 .3 .0 .2
 281. * .0 .1 .1 .2 .0 .2
 286. * .0 .0 .1 .2 .0 .2
 291. * .0 .0 .0 .2 .0 .3
 296. * .0 .0 .0 .1 .0 .2
 301. * .0 .0 .0 .1 .0 .2
 306. * .0 .0 .0 .0 .0 .1
 311. * .0 .0 .0 .0 .0 .0
 316. * .0 .0 .0 .0 .0 .0
 321. * .0 .0 .0 .0 .0 .0
 326. * .0 .0 .0 .0 .0 .0
 331. * .0 .0 .0 .0 .0 .0
 336. * .0 .0 .0 .0 .0 .0
 341. * .0 .0 .0 .0 .1 .0
 346. * .0 .0 .0 .0 .1 .0
 351. * .0 .0 .0 .0 .1 .0
 356. * .0 .0 .0 .0 .1 .0
 361. * .0 .0 .0 .0 .1 .0

 MAX * .1 .3 .2 .3 .2 .3
 DEGR. * 160 215 180 275 60 290

THE HIGHEST CONCENTRATION IS .30 PPM AT 215 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 275 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 290 DEGREES FROM REC6 .

1

JOB: S16 B115AM

RUN: S16 B115AM

PAGE 5

DATE: 01/11/2007 TIME: 16:01:02.43

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 160 215 180 275 60 290

 1 * .0 .0 .0 .0 .0 .0
 2 * .0 .0 .0 .0 .0 .0
 3 * .0 .1 .0 .1 .0 .1
 4 * .0 .0 .1 .0 .0 .0
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .0 .0 .0 .0 .0
 7 * .0 .0 .0 .0 .0 .0
 8 * .0 .0 .0 .0 .0 .0
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .0 .0 .0 .0 .0 .0
 12 * .1 .1 .1 .1 .1 .1
 13 * .0 .1 .0 .1 .1 .1
 14 * .0 .0 .0 .0 .0 .0

S16 B115PM				60.0175.0.0000.000				S16B115P				11	1
REC 1	MILESTONE APTS	235764.	560912.	5.									
REC 2	MILESTONE APTS	236055.	560331.	5.									
REC 3	MILESTONE APTS	236378.	560139.	5.									
REC 4	MILESTONE APTS	236428.	559863.	5.									
REC 5	DRIVING RANGE	235429.	559745.	5.									
REC 6	MILESTONE APTS	236645.	559582.	5.									
S16 B115PM				14 1 1									
1													
1	NB GP	AG235173.560777.	235437.560463.	5050	4.2	0	56	57.					
0	1	NB GP	AG235437.560463.235787.560118.	5050	4.2	0	56	57.					
0	1	NB GP	AG235787.560118.236196.559688.	5050	4.2	0	56	57.					
0	1	NB GP	AG236196.559688.236531.559310.	5050	4.2	0	56	57.					
0	1	NB ETL	AG235130.560739.235306.560532.	1325	4.5	0	44	62.					
0	1	NB ETL	AG235306.560532.235518.560301.	1325	4.5	0	44	62.					
0	1	NB ETL	AG235518.560301.235939.559883.	1325	4.5	0	44	62.					
0	1	NB ETL	AG235939.559883.236489.559274.	1325	4.5	0	44	62.					
0	1	SB ETL	AG236453.559243.236101.559635.	925	4.5	0	44	62.					
0	1	SB ETL	AG236101.559635.235465.560289.	925	4.5	0	44	62.					
0	1	SB ETL	AG235465.560289.235092.560696.	925	4.5	0	44	62.					
0	1	SB GP	AG236405.559207.235763.559914.	3000	4.4	0	56	60.					
0	1	SB GP	AG235763.559914.235225.560468.	3000	4.4	0	56	60.					
0	1	SB GP	AG235225.560468.235051.560665.	3000	4.4	0	56	60.					
1.0	.54	1000.	0.0Y	5	0	72							

1

JOB: S16 B115PM

RUN: S16 B115PM

DATE: 01/11/2007 TIME: 16:03:56.15

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	5050.	4.2	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	5050.	4.2	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	5050.	4.2	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	5050.	4.2	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	1325.	4.5	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	1325.	4.5	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	1325.	4.5	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	1325.	4.5	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	925.	4.5	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	925.	4.5	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	925.	4.5	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	3000.	4.4	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	3000.	4.4	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	3000.	4.4	.0	56.0	

1

JOB: S16 B115PM

RUN: S16 B115PM

DATE: 01/11/2007 TIME: 16:03:56.15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B115PM

RUN: S16 B115PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
1.	.0	.0	.0	.0	.3	.0
6.	.0	.0	.0	.0	.2	.0
11.	.0	.0	.0	.0	.2	.0
16.	.0	.0	.0	.0	.2	.0
21.	.0	.0	.0	.0	.2	.0
26.	.0	.0	.0	.0	.2	.0
31.	.0	.0	.0	.0	.2	.0
36.	.0	.0	.0	.0	.2	.0
41.	.0	.0	.0	.0	.2	.0
46.	.0	.0	.0	.0	.2	.0
51.	.0	.0	.0	.0	.2	.0
56.	.0	.0	.0	.0	.2	.0
61.	.0	.0	.0	.0	.1	.0
66.	.0	.0	.0	.0	.1	.0
71.	.0	.0	.0	.0	.2	.0
76.	.0	.0	.0	.0	.2	.0
81.	.0	.0	.0	.0	.2	.0
86.	.0	.0	.0	.0	.2	.0
91.	.0	.0	.0	.0	.2	.0
96.	.0	.0	.0	.0	.3	.0
101.	.0	.0	.0	.0	.2	.0
106.	.0	.0	.0	.0	.2	.0
111.	.0	.0	.0	.0	.2	.0
116.	.0	.0	.0	.0	.1	.0
121.	.0	.0	.0	.0	.0	.0
126.	.0	.0	.0	.0	.0	.0
131.	.0	.0	.0	.0	.0	.0
136.	.0	.0	.0	.0	.0	.0
141.	.0	.0	.0	.0	.0	.0
146.	.0	.0	.0	.0	.0	.0
151.	.0	.1	.0	.0	.0	.0
156.	.0	.1	.0	.0	.0	.0
161.	.1	.1	.0	.0	.0	.0
166.	.1	.2	.1	.1	.0	.0
171.	.1	.3	.1	.1	.0	.0

S16B115P

176. * .1 .2 .1 .1 .0 .0
 181. * .1 .2 .1 .1 .0 .0
 186. * .1 .2 .1 .2 .0 .0
 191. * .1 .2 .2 .3 .0 .0
 196. * .1 .2 .2 .3 .0 .0
 201. * .2 .2 .3 .3 .0 .1
 206. * .2 .2 .2 .3 .0 .1

1

JOB: S16 B115PM

RUN: S16 B115PM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 211. * .1 .1 .2 .2 .0 .1
 216. * .1 .1 .2 .2 .0 .1
 221. * .1 .1 .2 .2 .0 .2
 226. * .1 .2 .2 .2 .0 .3
 231. * .1 .3 .2 .3 .0 .3
 236. * .1 .3 .2 .3 .0 .3
 241. * .1 .2 .1 .2 .0 .3
 246. * .1 .2 .1 .2 .0 .3
 251. * .1 .2 .1 .2 .0 .3
 256. * .1 .2 .1 .2 .0 .3
 261. * .0 .2 .1 .3 .0 .3
 266. * .0 .2 .2 .3 .0 .3
 271. * .0 .2 .3 .2 .0 .3
 276. * .0 .1 .2 .2 .0 .2
 281. * .0 .2 .1 .3 .0 .3
 286. * .0 .2 .1 .2 .0 .3
 291. * .0 .1 .1 .3 .0 .2
 296. * .0 .1 .0 .2 .0 .1
 301. * .0 .1 .0 .1 .0 .1
 306. * .0 .0 .0 .1 .0 .1
 311. * .0 .0 .0 .0 .0 .1
 316. * .0 .0 .0 .0 .0 .0
 321. * .0 .0 .0 .0 .0 .0
 326. * .0 .0 .0 .0 .0 .0
 331. * .0 .0 .0 .0 .0 .0
 336. * .0 .0 .0 .0 .0 .0
 341. * .0 .0 .0 .0 .0 .0
 346. * .0 .0 .0 .0 .2 .0
 351. * .0 .0 .0 .0 .2 .0
 356. * .0 .0 .0 .0 .2 .0
 361. * .0 .0 .0 .0 .3 .0

 MAX * .2 .3 .3 .3 .3 .3
 DEGR. * 200 170 200 190 0 225

THE HIGHEST CONCENTRATION IS .30 PPM AT 170 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 200 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 190 DEGREES FROM REC4 .

1

JOB: S16 B115PM

RUN: S16 B115PM

PAGE 5

DATE: 01/11/2007 TIME: 16:03:56.15

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 200 170 200 190 0 225

 1 * .0 .0 .0 .0 .1 .0
 2 * .1 .0 .0 .0 .1 .0
 3 * .0 .1 .1 .0 .0 .0
 4 * .0 .1 .1 .2 .0 .2
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .0 .0 .0 .0 .0
 7 * .0 .0 .0 .0 .0 .0
 8 * .0 .0 .0 .0 .0 .0
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .0 .0 .0 .0 .0 .0
 12 * .0 .1 .1 .1 .0 .1
 13 * .1 .0 .0 .0 .1 .0
 14 * .0 .0 .0 .0 .0 .0

S16 B215AM				60.0175.0.0000.000	60.30480000	11	1
REC 1 MILESTONE APTS	235764.	560912.	5.				
REC 2 MILESTONE APTS	236055.	560331.	5.				
REC 3 MILESTONE APTS	236378.	560139.	5.				
REC 4 MILESTONE APTS	236428.	559863.	5.				
REC 5 DRIVING RANGE	235429.	559745.	5.				
REC 6 MILESTONE APTS	236645.	559582.	5.				
S16 B215AM				14	1	1	
1							
1	NB GP	AG235173.560777.235437.560463.		2350	4.6	0	56 63.
0	1	NB GP	AG235437.560463.235787.560118.	2350	4.6	0	56 63.
0	1	NB GP	AG235787.560118.236196.559688.	2350	4.6	0	56 63.
0	1	NB GP	AG236196.559688.236531.559310.	2350	4.6	0	56 63.
0	1	NB ETL	AG235130.560739.235306.560532.	450	4.4	0	44 60.
0	1	NB ETL	AG235306.560532.235518.560301.	450	4.4	0	44 60.
0	1	NB ETL	AG235518.560301.235939.559883.	450	4.4	0	44 60.
0	1	NB ETL	AG235939.559883.236489.559274.	450	4.4	0	44 60.
0	1	SB ETL	AG236453.559243.236101.559635.	1175	4.3	0	44 58.
0	1	SB ETL	AG236101.559635.235465.560289.	1175	4.3	0	44 58.
0	1	SB ETL	AG235465.560289.235092.560696.	1175	4.3	0	44 58.
0	1	SB GP	AG236405.559207.235763.559914.	5500	4.4	0	56 60.
0	1	SB GP	AG235763.559914.235225.560468.	5500	4.4	0	56 60.
0	1	SB GP	AG235225.560468.235051.560665.	5500	4.4	0	56 60.
1.0	.54	1000. 0.0Y	5 0 72				

1

PAGE 1

JOB: S16 B215AM

RUN: S16 B215AM

DATE: 03/14/2007 TIME: 14:37:23.11

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	2350.	4.6	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	2350.	4.6	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	2350.	4.6	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	2350.	4.6	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	450.	4.4	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	450.	4.4	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	450.	4.4	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	450.	4.4	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	1175.	4.3	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	1175.	4.3	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	1175.	4.3	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	5500.	4.4	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	5500.	4.4	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	5500.	4.4	.0	56.0	

1

JOB: S16 B215AM

RUN: S16 B215AM

DATE: 03/14/2007 TIME: 14:37:23.11

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B215AM

RUN: S16 B215AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
1.	.0	.0	.0	.0	.2	.0
6.	.0	.0	.0	.0	.2	.0
11.	.0	.0	.0	.0	.2	.0
16.	.0	.0	.0	.0	.2	.0
21.	.0	.0	.0	.0	.2	.0
26.	.0	.0	.0	.0	.2	.0
31.	.0	.0	.0	.0	.1	.0
36.	.0	.0	.0	.0	.1	.0
41.	.0	.0	.0	.0	.1	.0
46.	.0	.0	.0	.0	.1	.0
51.	.0	.0	.0	.0	.1	.0
56.	.0	.0	.0	.0	.1	.0
61.	.0	.0	.0	.0	.2	.0
66.	.0	.0	.0	.0	.3	.0
71.	.0	.0	.0	.0	.2	.0
76.	.0	.0	.0	.0	.2	.0
81.	.0	.0	.0	.0	.1	.0
86.	.0	.0	.0	.0	.2	.0
91.	.0	.0	.0	.0	.2	.0
96.	.0	.0	.0	.0	.2	.0
101.	.0	.0	.0	.0	.2	.0
106.	.0	.0	.0	.0	.2	.0
111.	.0	.0	.0	.0	.1	.0
116.	.0	.0	.0	.0	.1	.0
121.	.0	.0	.0	.0	.1	.0
126.	.0	.0	.0	.0	.1	.0
131.	.0	.0	.0	.0	.0	.0
136.	.0	.0	.0	.0	.0	.0
141.	.0	.0	.0	.0	.0	.0
146.	.0	.0	.0	.0	.0	.0
151.	.0	.0	.0	.0	.0	.0
156.	.0	.0	.0	.0	.0	.0
161.	.1	.1	.0	.0	.0	.0
166.	.1	.1	.0	.0	.0	.0
171.	.1	.1	.0	.1	.0	.0

S16B215A

176. * .1 .2 .0 .1 .0 .0
 181. * .1 .2 .2 .2 .0 .0
 186. * .1 .2 .2 .2 .0 .0
 191. * .1 .2 .1 .2 .0 .0
 196. * .1 .2 .1 .2 .0 .0
 201. * .1 .2 .1 .2 .0 .0
 206. * .1 .2 .1 .2 .0 .0

1

JOB: S16 B215AM

RUN: S16 B215AM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 211. * .1 .2 .1 .2 .0 .2
 216. * .1 .3 .2 .2 .0 .2
 221. * .1 .2 .2 .2 .0 .2
 226. * .1 .1 .2 .2 .0 .2
 231. * .0 .1 .2 .1 .0 .2
 236. * .1 .1 .2 .1 .0 .2
 241. * .1 .2 .2 .2 .0 .2
 246. * .1 .2 .2 .2 .0 .2
 251. * .0 .2 .3 .2 .0 .2
 256. * .0 .2 .2 .2 .0 .2
 261. * .0 .2 .1 .2 .0 .2
 266. * .0 .2 .1 .2 .0 .2
 271. * .0 .2 .1 .3 .0 .2
 276. * .0 .2 .1 .3 .0 .2
 281. * .0 .1 .1 .2 .0 .2
 286. * .0 .0 .1 .2 .0 .2
 291. * .0 .0 .0 .2 .0 .3
 296. * .0 .0 .0 .1 .0 .3
 301. * .0 .0 .0 .1 .0 .2
 306. * .0 .0 .0 .0 .0 .1
 311. * .0 .0 .0 .0 .0 .0
 316. * .0 .0 .0 .0 .0 .0
 321. * .0 .0 .0 .0 .0 .0
 326. * .0 .0 .0 .0 .0 .0
 331. * .0 .0 .0 .0 .0 .0
 336. * .0 .0 .0 .0 .0 .0
 341. * .0 .0 .0 .0 .2 .0
 346. * .0 .0 .0 .0 .1 .0
 351. * .0 .0 .0 .0 .1 .0
 356. * .0 .0 .0 .0 .1 .0
 361. * .0 .0 .0 .0 .2 .0

 MAX * .1 .3 .3 .3 .3 .3
 DEGR. * 160 215 250 270 65 290

THE HIGHEST CONCENTRATION IS .30 PPM AT 215 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 250 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 270 DEGREES FROM REC4 .

1

JOB: S16 B215AM

DATE: 03/14/2007 TIME: 14:37:23.11

RUN: S16 B215AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 160 215 250 270 65 290

 1 * .0 .0 .0 .0 .0 .0
 2 * .0 .0 .0 .0 .0 .0
 3 * .0 .1 .1 .1 .1 .1
 4 * .0 .0 .0 .0 .0 .0
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .0 .0 .0 .0 .0
 7 * .0 .0 .0 .0 .0 .0
 8 * .0 .0 .0 .0 .0 .0
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .0 .0 .0 .0 .0 .0
 12 * .1 .1 .1 .1 .1 .1
 13 * .0 .1 .1 .1 .1 .1
 14 * .0 .0 .0 .0 .0 .0

S16 B215AM				60.0175.0.0000.000				S16B215P				11	1
REC 1	MILESTONE APTS	235764.	560912.	5.									
REC 2	MILESTONE APTS	236055.	560331.	5.									
REC 3	MILESTONE APTS	236378.	560139.	5.									
REC 4	MILESTONE APTS	236428.	559863.	5.									
REC 5	DRIVING RANGE	235429.	559745.	5.									
REC 6	MILESTONE APTS	236645.	559582.	5.									
S16 B215AM				14 1 1									
1													
1	NB GP	AG235173.560777.235437.560463.		5075 4.5	0	56	61.						
0													
1	NB GP	AG235437.560463.235787.560118.		5075 4.5	0	56	61.						
0													
1	NB GP	AG235787.560118.236196.559688.		5075 4.5	0	56	61.						
0													
1	NB GP	AG236196.559688.236531.559310.		5075 4.5	0	56	61.						
0													
1	NB ETL	AG235130.560739.235306.560532.		1225 4.3	0	44	59.						
0													
1	NB ETL	AG235306.560532.235518.560301.		1225 4.3	0	44	59.						
0													
1	NB ETL	AG235518.560301.235939.559883.		1225 4.3	0	44	59.						
0													
1	NB ETL	AG235939.559883.236489.559274.		1225 4.3	0	44	59.						
0													
1	SB ETL	AG236453.559243.236101.559635.		450 4.7	0	44	64.						
0													
1	SB ETL	AG236101.559635.235465.560289.		450 4.7	0	44	64.						
0													
1	SB ETL	AG235465.560289.235092.560696.		450 4.7	0	44	64.						
0													
1	SB GP	AG236405.559207.235763.559914.		3075 4.7	0	56	67.						
0													
1	SB GP	AG235763.559914.235225.560468.		3075 4.7	0	56	67.						
0													
1	SB GP	AG235225.560468.235051.560665.		3075 4.7	0	56	67.						
0													
1.0	.54 1000. 0.0Y	5	0 72										

1

PAGE 1

JOB: S16 B215AM

RUN: S16 B215AM

DATE: 03/14/2007 TIME: 14:38:03.54

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	5075.	4.5	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	5075.	4.5	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	5075.	4.5	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	5075.	4.5	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	1225.	4.3	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	1225.	4.3	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	1225.	4.3	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	1225.	4.3	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	450.	4.7	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	450.	4.7	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	450.	4.7	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	3075.	4.7	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	3075.	4.7	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	3075.	4.7	.0	56.0	

1

JOB: S16 B215AM

RUN: S16 B215AM

DATE: 03/14/2007 TIME: 14:38:03.54

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B215AM

RUN: S16 B215AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
1.	.0	.0	.0	.0	.3	.0
6.	.0	.0	.0	.0	.2	.0
11.	.0	.0	.0	.0	.2	.0
16.	.0	.0	.0	.0	.2	.0
21.	.0	.0	.0	.0	.2	.0
26.	.0	.0	.0	.0	.2	.0
31.	.0	.0	.0	.0	.2	.0
36.	.0	.0	.0	.0	.2	.0
41.	.0	.0	.0	.0	.2	.0
46.	.0	.0	.0	.0	.2	.0
51.	.0	.0	.0	.0	.2	.0
56.	.0	.0	.0	.0	.2	.0
61.	.0	.0	.0	.0	.2	.0
66.	.0	.0	.0	.0	.2	.0
71.	.0	.0	.0	.0	.2	.0
76.	.0	.0	.0	.0	.2	.0
81.	.0	.0	.0	.0	.2	.0
86.	.0	.0	.0	.0	.2	.0
91.	.0	.0	.0	.0	.2	.0
96.	.0	.0	.0	.0	.3	.0
101.	.0	.0	.0	.0	.2	.0
106.	.0	.0	.0	.0	.2	.0
111.	.0	.0	.0	.0	.2	.0
116.	.0	.0	.0	.0	.1	.0
121.	.0	.0	.0	.0	.1	.0
126.	.0	.0	.0	.0	.0	.0
131.	.0	.0	.0	.0	.0	.0
136.	.0	.0	.0	.0	.0	.0
141.	.0	.0	.0	.0	.0	.0
146.	.0	.0	.0	.0	.0	.0
151.	.0	.1	.0	.0	.0	.0
156.	.0	.1	.0	.0	.0	.0
161.	.1	.1	.0	.0	.0	.0
166.	.1	.3	.1	.1	.0	.0
171.	.1	.3	.1	.1	.0	.0

S16B215P

```

176. * .1 .2 .1 .1 .0 .0
181. * .1 .2 .1 .2 .0 .0
186. * .1 .2 .2 .3 .0 .0
191. * .1 .2 .2 .3 .0 .0
196. * .2 .2 .2 .3 .0 .1
201. * .2 .2 .3 .3 .0 .1
206. * .2 .2 .2 .3 .0 .1

```

1

JOB: S16 B215AM

RUN: S16 B215AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----
211. * .2 .1 .2 .3 .0 .1
216. * .3 .1 .2 .2 .0 .1
221. * .1 .1 .2 .2 .0 .3
226. * .1 .2 .2 .2 .0 .3
231. * .1 .3 .2 .3 .0 .3
236. * .1 .3 .2 .3 .0 .3
241. * .1 .2 .1 .2 .0 .3
246. * .1 .2 .1 .2 .0 .3
251. * .1 .2 .1 .3 .0 .3
256. * .1 .2 .1 .3 .0 .3
261. * .0 .2 .2 .3 .0 .3
266. * .0 .2 .3 .3 .0 .3
271. * .0 .2 .3 .3 .0 .3
276. * .0 .2 .2 .2 .0 .3
281. * .0 .2 .2 .3 .0 .3
286. * .0 .2 .1 .2 .0 .3
291. * .0 .1 .1 .3 .0 .2
296. * .0 .1 .0 .3 .0 .1
301. * .0 .1 .0 .1 .0 .1
306. * .0 .0 .0 .1 .0 .2
311. * .0 .0 .0 .0 .0 .1
316. * .0 .0 .0 .0 .0 .0
321. * .0 .0 .0 .0 .0 .0
326. * .0 .0 .0 .0 .0 .0
331. * .0 .0 .0 .0 .0 .0
336. * .0 .0 .0 .0 .0 .0
341. * .0 .0 .0 .0 .0 .0
346. * .0 .0 .0 .0 .2 .0
351. * .0 .0 .0 .0 .2 .0
356. * .0 .0 .0 .0 .2 .0
361. * .0 .0 .0 .0 .3 .0
-----
MAX * .3 .3 .3 .3 .3 .3
DEGR. * 215 165 200 185 0 220

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 215 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 165 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 200 DEGREES FROM REC3 .

```

1

JOB: S16 B215AM

RUN: S16 B215AM

PAGE 5

DATE: 03/14/2007 TIME: 14:38:03.54

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 215 165 200 185 0 220
-----
1 * .1 .0 .0 .0 .1 .0
2 * .1 .0 .0 .0 .1 .0
3 * .0 .1 .1 .0 .0 .0
4 * .0 .1 .1 .2 .0 .2
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0
12 * .0 .1 .1 .1 .0 .1
13 * .1 .0 .0 .0 .1 .0
14 * .0 .0 .0 .0 .0 .0

```

				S16NB30A.DAT			
S16	NB30			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	NB30 AM			13	1	1	
1							
1	NB HOV	AG236493.559280.236313.559487.		116.2	0. 32.	67.	
2							
2	NB HOV	AG236313.559487.235967.559851.		116.2	0. 32.	67.	
3							
3	NB HOV	AG235967.559851.235789.560022.		116.2	0. 32.	67.	
4							
4	NB HOV	AG235789.560022.235394.560425.		116.2	0. 32.	67.	
5							
5	NB HOV	AG235394.560425.235121.560734.		116.2	0. 32.	67.	
6							
6	NB I-270	AG236504.559291.236175.559661.	3200	3.9	0. 44.	60.	
7							
7	NB I-270	AG236175.559661.235758.560099.	3200	3.9	0. 44.	60.	
8							
8	NB I-270	AG235758.560099.235392.560461.	3200	3.9	0. 44.	60.	
9							
9	NB I-270	AG235392.560461.235136.560748.	3200	3.9	0. 44.	60.	
10							
10	SB I-270	AG235087.560701.235346.560402.	7350	2.9	0. 56.	40.	
11							
11	SB I-270	AG235346.560402.235761.559988.	7350	2.9	0. 56.	40.	
12							
12	SB I-270	AG235761.559988.236146.559571.	7350	2.9	0. 56.	40.	
13							
13	SB I-270	AG236146.559571.236439.559237.	7350	2.9	0. 56.	40.	
1.0	0.4 1000. 0.0Y	5	0 72				

1

CAL3QHC: LINE SOURCE DISPERSION MODEL - VERSION 2.2, JUNE 2000

PAGE 1

JOB: S16 NB30
DATE: 12/18/2006 TIME: 16:35:33.34

RUN: S16 NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB HOV	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	1.	16.2	.0	32.0	
2. 2	NB HOV	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	1.	16.2	.0	32.0	
3. 3	NB HOV	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	1.	16.2	.0	32.0	
4. 4	NB HOV	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	1.	16.2	.0	32.0	
6. 6	NB I-270	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	3200.	3.9	.0	44.0	
7. 7	NB I-270	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	3200.	3.9	.0	44.0	
8. 8	NB I-270	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	3200.	3.9	.0	44.0	
9. 9	NB I-270	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	3200.	3.9	.0	44.0	
10. 10	SB I-270	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	7350.	2.9	.0	56.0	
11. 11	SB I-270	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	7350.	2.9	.0	56.0	
12. 12	SB I-270	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	7350.	2.9	.0	56.0	
13. 13	SB I-270	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	7350.	2.9	.0	56.0	

1

PAGE 2

JOB: S16 NB30
DATE: 12/18/2006 TIME: 16:35:33.34

RUN: S16 NB30 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

PAGE 3

JOB: S16 NB30

RUN: S16 NB30 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
0.	.0	.0	.0	.0	.1	.0
5.	.0	.0	.0	.0	.1	.0
10.	.0	.0	.0	.0	.2	.0
15.	.0	.0	.0	.0	.2	.0
20.	.0	.0	.0	.0	.2	.0
25.	.0	.0	.0	.0	.2	.0
30.	.0	.0	.0	.0	.2	.0
35.	.0	.0	.0	.0	.1	.0
40.	.0	.0	.0	.0	.1	.0
45.	.0	.0	.0	.0	.1	.0
50.	.0	.0	.0	.0	.1	.0
55.	.0	.0	.0	.0	.3	.0
60.	.0	.0	.0	.0	.2	.0
65.	.0	.0	.0	.0	.2	.0
70.	.0	.0	.0	.0	.2	.0
75.	.0	.0	.0	.0	.2	.0
80.	.0	.0	.0	.0	.2	.0
85.	.0	.0	.0	.0	.2	.0
90.	.0	.0	.0	.0	.1	.0
95.	.0	.0	.0	.0	.1	.0
100.	.0	.0	.0	.0	.1	.0
105.	.0	.0	.0	.0	.2	.0
110.	.0	.0	.0	.0	.1	.0
115.	.0	.0	.0	.0	.1	.0
120.	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0
160.	.0	.1	.0	.0	.0	.0
165.	.1	.1	.0	.0	.0	.0
170.	.1	.2	.0	.0	.0	.0
175.	.1	.2	.1	.2	.0	.0

180. * .0 .2 .2 .2 .0 .0
 185. * .1 .2 .2 .2 .0 .0
 190. * .1 .2 .2 .2 .0 .0
 195. * .1 .2 .1 .2 .0 .0
 200. * .1 .2 .1 .2 .0 .0
 205. * .1 .2 .1 .2 .0 .0

S16NB30A.OUT

1

JOB: S16 NB30

RUN: S16 NB30 AM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 210. * .1 .2 .1 .2 .0 .2
 215. * .1 .2 .2 .2 .0 .2
 220. * .0 .3 .2 .2 .0 .2
 225. * .1 .2 .2 .3 .0 .2
 230. * .1 .1 .2 .1 .0 .2
 235. * .1 .1 .2 .1 .0 .2
 240. * .1 .2 .2 .2 .0 .2
 245. * .1 .2 .2 .2 .0 .2
 250. * .1 .2 .2 .2 .0 .2
 255. * .0 .2 .2 .2 .0 .2
 260. * .0 .2 .1 .2 .0 .2
 265. * .0 .2 .1 .2 .0 .2
 270. * .0 .2 .1 .2 .0 .3
 275. * .0 .2 .1 .2 .0 .2
 280. * .0 .1 .1 .3 .0 .1
 285. * .0 .1 .1 .2 .0 .2
 290. * .0 .1 .0 .1 .0 .2
 295. * .0 .0 .0 .1 .0 .3
 300. * .0 .0 .0 .1 .0 .3
 305. * .0 .0 .0 .0 .0 .0
 310. * .0 .0 .0 .0 .0 .0
 315. * .0 .0 .0 .0 .0 .0
 320. * .0 .0 .0 .0 .0 .0
 325. * .0 .0 .0 .0 .0 .0
 330. * .0 .0 .0 .0 .0 .0
 335. * .0 .0 .0 .0 .0 .0
 340. * .0 .0 .0 .0 .1 .0
 345. * .0 .0 .0 .0 .1 .0
 350. * .0 .0 .0 .0 .2 .0
 355. * .0 .0 .0 .0 .2 .0
 360. * .0 .0 .0 .0 .1 .0

 MAX * .1 .3 .2 .3 .3 .3
 DEGR. * 165 220 180 225 55 270

THE HIGHEST CONCENTRATION IS .30 PPM AT 220 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 225 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 55 DEGREES FROM REC5 .

1

JOB: S16 NB30

RUN: S16 NB30 AM

PAGE 5

DATE: 12/18/2006 TIME: 16:35:33.34

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 165 220 180 225 55 270

 1 * .0 .0 .0 .0 .0 .0
 2 * .0 .0 .0 .0 .0 .0
 3 * .0 .0 .0 .0 .0 .0
 4 * .0 .0 .0 .0 .0 .0
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .0 .1 .1 .0 .1
 7 * .0 .1 .0 .0 .1 .0
 8 * .0 .0 .0 .0 .0 .0
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .0 .1 .0 .0 .1 .0
 12 * .1 .1 .0 .1 .1 .1
 13 * .0 .0 .1 .1 .0 .1

				S16NB30P.DAT			
S16	NB30			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	NB30 PM			13	1	1	
1							
1	NB HOV	AG236493.559280.236313.559487.		1300	3.9	0. 56.	60.
2	NB HOV	AG236313.559487.235967.559851.		1300	3.9	0. 56.	60.
3	NB HOV	AG235967.559851.235789.560022.		1300	3.9	0. 56.	60.
4	NB HOV	AG235789.560022.235394.560425.		1300	3.9	0. 56.	60.
5	NB HOV	AG235394.560425.235121.560734.		1300	3.9	0. 56.	60.
6	NB I-270	AG236504.559291.236175.559661.		7375	2.7	0. 44.	32.
7	NB I-270	AG236175.559661.235758.560099.		7375	2.7	0. 44.	32.
8	NB I-270	AG235758.560099.235392.560461.		7375	2.7	0. 44.	32.
9	NB I-270	AG235392.560461.235136.560748.		7375	2.7	0. 44.	32.
10	SB I-270	AG235087.560701.235346.560402.		4125	3.9	0. 56.	60.
11	SB I-270	AG235346.560402.235761.559988.		4125	3.9	0. 56.	60.
12	SB I-270	AG235761.559988.236146.559571.		4125	3.9	0. 56.	60.
13	SB I-270	AG236146.559571.236439.559237.		4125	3.9	0. 56.	60.
1.0	0.4 1000. 0.0Y	5	0 72				

1

S16NB30P.OUT

PAGE 1

JOB: S16 NB30

RUN: S16 NB30 PM

DATE: 12/18/2006 TIME: 16:39:09.36

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB HOV	236493.0	559280.0	236313.0	559487.0	*	274.	319. AG	1300.	3.9	.0	56.0	
2. 2	NB HOV	236313.0	559487.0	235967.0	559851.0	*	502.	316. AG	1300.	3.9	.0	56.0	
3. 3	NB HOV	235967.0	559851.0	235789.0	560022.0	*	247.	314. AG	1300.	3.9	.0	56.0	
4. 4	NB HOV	235789.0	560022.0	235394.0	560425.0	*	564.	316. AG	1300.	3.9	.0	56.0	
5. 5	NB HOV	235394.0	560425.0	235121.0	560734.0	*	412.	319. AG	1300.	3.9	.0	56.0	
6. 6	NB I-270	236504.0	559291.0	236175.0	559661.0	*	495.	318. AG	7375.	2.7	.0	44.0	
7. 7	NB I-270	236175.0	559661.0	235758.0	560099.0	*	605.	316. AG	7375.	2.7	.0	44.0	
8. 8	NB I-270	235758.0	560099.0	235392.0	560461.0	*	515.	315. AG	7375.	2.7	.0	44.0	
9. 9	NB I-270	235392.0	560461.0	235136.0	560748.0	*	385.	318. AG	7375.	2.7	.0	44.0	
10. 10	SB I-270	235087.0	560701.0	235346.0	560402.0	*	396.	139. AG	4125.	3.9	.0	56.0	
11. 11	SB I-270	235346.0	560402.0	235761.0	559988.0	*	586.	135. AG	4125.	3.9	.0	56.0	
12. 12	SB I-270	235761.0	559988.0	236146.0	559571.0	*	568.	137. AG	4125.	3.9	.0	56.0	
13. 13	SB I-270	236146.0	559571.0	236439.0	559237.0	*	444.	139. AG	4125.	3.9	.0	56.0	

1

PAGE 2

JOB: S16 NB30

RUN: S16 NB30 PM

DATE: 12/18/2006 TIME: 16:39:09.36

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

PAGE 3

JOB: S16 NB30

RUN: S16 NB30 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6
0.	.0	.0	.0	.0	.2	.0
5.	.0	.0	.0	.0	.2	.0
10.	.0	.0	.0	.0	.2	.0
15.	.0	.0	.0	.0	.2	.0
20.	.0	.0	.0	.0	.2	.0
25.	.0	.0	.0	.0	.2	.0
30.	.0	.0	.0	.0	.2	.0
35.	.0	.0	.0	.0	.2	.0
40.	.0	.0	.0	.0	.2	.0
45.	.0	.0	.0	.0	.2	.0
50.	.0	.0	.0	.0	.2	.0
55.	.0	.0	.0	.0	.1	.0
60.	.0	.0	.0	.0	.2	.0
65.	.0	.0	.0	.0	.2	.0
70.	.0	.0	.0	.0	.2	.0
75.	.0	.0	.0	.0	.2	.0
80.	.0	.0	.0	.0	.2	.0
85.	.0	.0	.0	.0	.2	.0
90.	.0	.0	.0	.0	.2	.0
95.	.0	.0	.0	.0	.2	.0
100.	.0	.0	.0	.0	.2	.0
105.	.0	.0	.0	.0	.1	.0
110.	.0	.0	.0	.0	.1	.0
115.	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0
155.	.0	.1	.0	.0	.0	.0
160.	.0	.1	.0	.0	.0	.0
165.	.1	.1	.0	.0	.0	.0
170.	.1	.2	.1	.1	.0	.0
175.	.1	.2	.1	.1	.0	.0

180. * .0 .2 .2 .2 .0 .0
 185. * .1 .2 .2 .2 .0 .0
 190. * .2 .2 .2 .2 .0 .0
 195. * .2 .2 .2 .2 .0 .0
 200. * .2 .2 .1 .2 .0 .0
 205. * .2 .2 .1 .2 .0 .1

S16NB30P.OUT

1

JOB: S16 NB30

RUN: S16 NB30 PM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 210. * .2 .2 .2 .2 .0 .1
 215. * .1 .2 .2 .2 .0 .2
 220. * .0 .1 .2 .2 .0 .2
 225. * .1 .2 .2 .1 .0 .2
 230. * .2 .2 .2 .3 .0 .2
 235. * .2 .2 .2 .2 .0 .2
 240. * .2 .2 .2 .2 .0 .2
 245. * .1 .2 .2 .2 .0 .2
 250. * .1 .2 .2 .2 .0 .2
 255. * .0 .2 .1 .2 .0 .2
 260. * .0 .2 .1 .2 .0 .2
 265. * .0 .2 .2 .2 .0 .2
 270. * .0 .2 .2 .2 .0 .2
 275. * .0 .2 .2 .2 .0 .3
 280. * .0 .1 .2 .2 .0 .3
 285. * .0 .2 .1 .2 .0 .3
 290. * .0 .1 .1 .3 .0 .2
 295. * .0 .1 .0 .3 .0 .2
 300. * .0 .0 .0 .1 .0 .1
 305. * .0 .0 .0 .0 .0 .1
 310. * .0 .0 .0 .0 .0 .0
 315. * .0 .0 .0 .0 .0 .0
 320. * .0 .0 .0 .0 .0 .0
 325. * .0 .0 .0 .0 .0 .0
 330. * .0 .0 .0 .0 .0 .0
 335. * .0 .0 .0 .0 .0 .0
 340. * .0 .0 .0 .0 .0 .0
 345. * .0 .0 .0 .0 .2 .0
 350. * .0 .0 .0 .0 .1 .0
 355. * .0 .0 .0 .0 .1 .0
 360. * .0 .0 .0 .0 .2 .0

 MAX * .2 .2 .2 .3 .2 .3
 DEGR. * 190 170 180 230 0 275

THE HIGHEST CONCENTRATION IS .30 PPM AT 230 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 275 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC1 .

1

JOB: S16 NB30

DATE: 12/18/2006 TIME: 16:39:09.36

RUN: S16 NB30 PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 190 170 180 230 0 275

 1 * .0 .0 .0 .0 .0 .0
 2 * .0 .0 .0 .0 .0 .0
 3 * .0 .0 .0 .0 .0 .0
 4 * .0 .0 .0 .0 .0 .0
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .1 .1 .1 .0 .1
 7 * .0 .1 .0 .1 .0 .1
 8 * .1 .0 .0 .0 .1 .0
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .1 .0 .0 .0 .1 .0
 12 * .0 .0 .0 .1 .0 .1
 13 * .0 .0 .1 .0 .0 .0

				S16B130A.DAT			
S16 B130AM				60.0175.0.0000.000	60.30480000	11	1
REC 1 MILESTONE APTS	235764.	560912.	5.				
REC 2 MILESTONE APTS	236055.	560331.	5.				
REC 3 MILESTONE APTS	236378.	560139.	5.				
REC 4 MILESTONE APTS	236428.	559863.	5.				
REC 5 DRIVING RANGE	235429.	559745.	5.				
REC 6 MILESTONE APTS	236645.	559582.	5.				
S16 B130AM				14	1	1	
1							
1	NB GP	AG235173.560777.235437.560463.		2600 4.2	0 56	65.	
0	1	NB GP	AG235437.560463.235787.560118.	2600 4.2	0 56	65.	
0	1	NB GP	AG235787.560118.236196.559688.	2600 4.2	0 56	65.	
0	1	NB GP	AG236196.559688.236531.559310.	2600 4.2	0 56	65.	
0	1	NB ETL	AG235130.560739.235306.560532.	1100 4.0	0 44	62.	
0	1	NB ETL	AG235306.560532.235518.560301.	1100 4.0	0 44	62.	
0	1	NB ETL	AG235518.560301.235939.559883.	1100 4.0	0 44	62.	
0	1	NB ETL	AG235939.559883.236489.559274.	1100 4.0	0 44	62.	
0	1	SB ETL	AG236453.559243.236101.559635.	1725 4.0	0 44	62.	
0	1	SB ETL	AG236101.559635.235465.560289.	1725 4.0	0 44	62.	
0	1	SB ETL	AG235465.560289.235092.560696.	1725 4.0	0 44	62.	
0	1	SB GP	AG236405.559207.235763.559914.	6325 3.9	0 56	61.	
0	1	SB GP	AG235763.559914.235225.560468.	6325 3.9	0 56	61.	
0	1	SB GP	AG235225.560468.235051.560665.	6325 3.9	0 56	61.	
1.0	.54 1000. 0.0Y	5 0 72					

1

CAL3QHC: LINE SOURCE DISPERSION MODEL - VERSION 2.2, JUNE 2000

S16B130A.OUT

PAGE 1

JOB: S16 B130AM

RUN: S16 B130AM

DATE: 12/22/2006 TIME: 22:22:00.55

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB GP	*	235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	2600.	4.2	.0	56.0	
2. 0 NB GP	*	235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	2600.	4.2	.0	56.0	
3. 0 NB GP	*	235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	2600.	4.2	.0	56.0	
4. 0 NB GP	*	236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	2600.	4.2	.0	56.0	
5. NB ETL	*	235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	1100.	4.0	.0	44.0	
6. 0 NB ETL	*	235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	1100.	4.0	.0	44.0	
7. 0 NB ETL	*	235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	1100.	4.0	.0	44.0	
8. 0 NB ETL	*	235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	1100.	4.0	.0	44.0	
9. 0 SB ETL	*	236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	1725.	4.0	.0	44.0	
10. 0 SB ETL	*	236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	1725.	4.0	.0	44.0	
11. 0 SB ETL	*	235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	1725.	4.0	.0	44.0	
12. 0 SB GP	*	236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	6325.	3.9	.0	56.0	
13. 0 SB GP	*	235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	6325.	3.9	.0	56.0	
14. 0 SB GP	*	235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	6325.	3.9	.0	56.0	

1

JOB: S16 B130AM

RUN: S16 B130AM

DATE: 12/22/2006 TIME: 22:22:00.55

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B130AM

RUN: S16 B130AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

1.	*	.0	.0	.0	.0	.2	.0
6.	*	.0	.0	.0	.0	.2	.0
11.	*	.0	.0	.0	.0	.2	.0
16.	*	.0	.0	.0	.0	.2	.0
21.	*	.0	.0	.0	.0	.3	.0
26.	*	.0	.0	.0	.0	.2	.0
31.	*	.0	.0	.0	.0	.2	.0
36.	*	.0	.0	.0	.0	.1	.0
41.	*	.0	.0	.0	.0	.1	.0
46.	*	.0	.0	.0	.0	.1	.0
51.	*	.0	.0	.0	.0	.1	.0
56.	*	.0	.0	.0	.0	.1	.0
61.	*	.0	.0	.0	.0	.2	.0
66.	*	.0	.0	.0	.0	.3	.0
71.	*	.0	.0	.0	.0	.2	.0
76.	*	.0	.0	.0	.0	.2	.0
81.	*	.0	.0	.0	.0	.1	.0
86.	*	.0	.0	.0	.0	.2	.0
91.	*	.0	.0	.0	.0	.2	.0
96.	*	.0	.0	.0	.0	.2	.0
101.	*	.0	.0	.0	.0	.2	.0
106.	*	.0	.0	.0	.0	.2	.0
111.	*	.0	.0	.0	.0	.1	.0
116.	*	.0	.0	.0	.0	.1	.0
121.	*	.0	.0	.0	.0	.1	.0
126.	*	.0	.0	.0	.0	.1	.0
131.	*	.0	.0	.0	.0	.0	.0
136.	*	.0	.0	.0	.0	.0	.0
141.	*	.0	.0	.0	.0	.0	.0
146.	*	.0	.0	.0	.0	.0	.0
151.	*	.0	.0	.0	.0	.0	.0
156.	*	.0	.0	.0	.0	.0	.0
161.	*	.1	.1	.0	.0	.0	.0
166.	*	.1	.1	.0	.0	.0	.0
171.	*	.1	.1	.0	.1	.0	.0

S16B130A.OUT

```

176. * .1 .2 .0 .1 .0 .0
181. * .1 .2 .2 .2 .0 .0
186. * .1 .2 .2 .2 .0 .0
191. * .1 .2 .1 .2 .0 .0
196. * .1 .2 .1 .2 .0 .0
201. * .1 .2 .1 .2 .0 .0
206. * .1 .2 .1 .2 .0 .1

```

1

JOB: S16 B130AM

RUN: S16 B130AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----
211. * .1 .2 .1 .2 .0 .2
216. * .1 .3 .2 .2 .0 .2
221. * .1 .2 .2 .2 .0 .2
226. * .1 .1 .2 .2 .0 .2
231. * .0 .1 .2 .1 .0 .2
236. * .1 .1 .2 .1 .0 .2
241. * .1 .2 .2 .2 .0 .2
246. * .1 .2 .2 .2 .0 .2
251. * .0 .2 .3 .2 .0 .2
256. * .0 .2 .2 .2 .0 .2
261. * .0 .2 .1 .2 .0 .2
266. * .0 .2 .1 .2 .0 .2
271. * .0 .2 .1 .3 .0 .2
276. * .0 .2 .1 .3 .0 .2
281. * .0 .1 .1 .2 .0 .2
286. * .0 .0 .1 .2 .0 .2
291. * .0 .0 .0 .2 .0 .3
296. * .0 .0 .0 .1 .0 .3
301. * .0 .0 .0 .1 .0 .2
306. * .0 .0 .0 .0 .0 .1
311. * .0 .0 .0 .0 .0 .0
316. * .0 .0 .0 .0 .0 .0
321. * .0 .0 .0 .0 .0 .0
326. * .0 .0 .0 .0 .0 .0
331. * .0 .0 .0 .0 .0 .0
336. * .0 .0 .0 .0 .0 .0
341. * .0 .0 .0 .0 .2 .0
346. * .0 .0 .0 .0 .1 .0
351. * .0 .0 .0 .0 .1 .0
356. * .0 .0 .0 .0 .1 .0
361. * .0 .0 .0 .0 .2 .0
-----
MAX * .1 .3 .3 .3 .3 .3
DEGR * 160 215 250 270 20 290

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 215 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 250 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 270 DEGREES FROM REC4 .

1

JOB: S16 B130AM

RUN: S16 B130AM

PAGE 5

DATE: 12/22/2006 TIME: 22:22:00.55

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 160 215 250 270 20 290
-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .1 .0
3 * .0 .1 .1 .1 .0 .1
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0
12 * .1 .1 .1 .1 .0 .1
13 * .0 .1 .1 .1 .2 .1
14 * .0 .0 .0 .0 .0 .0

```


				S16B130P.DAT			
S16	B130PM			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	B130PM			14	1	1	
1							
1	NB GP	AG235173.560777.235437.560463.		3675	3.5	0	56 52.
0	1	NB GP	AG235437.560463.235787.560118.	3675	3.5	0	56 52.
0	1	NB GP	AG235787.560118.236196.559688.	3675	3.5	0	56 52.
0	1	NB GP	AG236196.559688.236531.559310.	3675	3.5	0	56 52.
0	1	NB ETL	AG235130.560739.235306.560532.	2150	4.0	0	44 62.
0	1	NB ETL	AG235306.560532.235518.560301.	2150	4.0	0	44 62.
0	1	NB ETL	AG235518.560301.235939.559883.	2150	4.0	0	44 62.
0	1	NB ETL	AG235939.559883.236489.559274.	2150	4.0	0	44 62.
0	1	SB ETL	AG236453.559243.236101.559635.	925	4.1	0	44 63.
0	1	SB ETL	AG236101.559635.235465.560289.	925	4.1	0	44 63.
0	1	SB ETL	AG235465.560289.235092.560696.	925	4.1	0	44 63.
0	1	SB GP	AG236405.559207.235763.559914.	3150	4.0	0	56 62.
0	1	SB GP	AG235763.559914.235225.560468.	3150	4.0	0	56 62.
0	1	SB GP	AG235225.560468.235051.560665.	3150	4.0	0	56 62.
1.0	.54	1000. 0.0Y	5 0 72				

1

PAGE 1

JOB: S16 B130PM
DATE: 12/22/2006 TIME: 22:23:00.31

RUN: S16 B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	3675.	3.5	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	3675.	3.5	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	3675.	3.5	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	3675.	3.5	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	2150.	4.0	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	2150.	4.0	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	2150.	4.0	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	2150.	4.0	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	925.	4.1	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	925.	4.1	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	925.	4.1	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	3150.	4.0	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	3150.	4.0	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	3150.	4.0	.0	56.0	

1

JOB: S16 B130PM
DATE: 12/22/2006 TIME: 22:23:00.31

RUN: S16 B130PM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B130PM

RUN: S16 B130PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

1.	*	.0	.0	.0	.0	.1	.0
6.	*	.0	.0	.0	.0	.1	.0
11.	*	.0	.0	.0	.0	.2	.0
16.	*	.0	.0	.0	.0	.2	.0
21.	*	.0	.0	.0	.0	.2	.0
26.	*	.0	.0	.0	.0	.2	.0
31.	*	.0	.0	.0	.0	.2	.0
36.	*	.0	.0	.0	.0	.1	.0
41.	*	.0	.0	.0	.0	.1	.0
46.	*	.0	.0	.0	.0	.1	.0
51.	*	.0	.0	.0	.0	.1	.0
56.	*	.0	.0	.0	.0	.2	.0
61.	*	.0	.0	.0	.0	.1	.0
66.	*	.0	.0	.0	.0	.1	.0
71.	*	.0	.0	.0	.0	.2	.0
76.	*	.0	.0	.0	.0	.2	.0
81.	*	.0	.0	.0	.0	.2	.0
86.	*	.0	.0	.0	.0	.2	.0
91.	*	.0	.0	.0	.0	.1	.0
96.	*	.0	.0	.0	.0	.1	.0
101.	*	.0	.0	.0	.0	.1	.0
106.	*	.0	.0	.0	.0	.1	.0
111.	*	.0	.0	.0	.0	.1	.0
116.	*	.0	.0	.0	.0	.1	.0
121.	*	.0	.0	.0	.0	.0	.0
126.	*	.0	.0	.0	.0	.0	.0
131.	*	.0	.0	.0	.0	.0	.0
136.	*	.0	.0	.0	.0	.0	.0
141.	*	.0	.0	.0	.0	.0	.0
146.	*	.0	.0	.0	.0	.0	.0
151.	*	.0	.0	.0	.0	.0	.0
156.	*	.0	.0	.0	.0	.0	.0
161.	*	.0	.0	.0	.0	.0	.0
166.	*	.0	.0	.0	.0	.0	.0
171.	*	.0	.2	.0	.1	.0	.0

S16B130P.OUT

```

176. * .0 .2 .1 .1 .0 .0
181. * .0 .2 .1 .1 .0 .0
186. * .0 .2 .1 .1 .0 .0
191. * .1 .2 .1 .3 .0 .0
196. * .1 .2 .2 .3 .0 .0
201. * .1 .2 .1 .3 .0 .0
206. * .0 .1 .1 .3 .0 .1

```

1

JOB: S16 B130PM

RUN: S16 B130PM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----
211. * .0 .1 .2 .3 .0 .1
216. * .0 .1 .2 .3 .0 .1
221. * .0 .1 .2 .3 .0 .2
226. * .0 .2 .2 .3 .0 .3
231. * .1 .1 .2 .3 .0 .3
236. * .1 .2 .1 .3 .0 .3
241. * .1 .2 .1 .3 .0 .3
246. * .1 .2 .1 .3 .0 .3
251. * .0 .2 .1 .2 .0 .3
256. * .0 .2 .1 .2 .0 .3
261. * .0 .2 .1 .2 .0 .3
266. * .0 .2 .1 .2 .0 .3
271. * .0 .2 .1 .1 .0 .3
276. * .0 .1 .2 .1 .0 .3
281. * .0 .1 .1 .2 .0 .3
286. * .0 .0 .0 .2 .0 .2
291. * .0 .0 .0 .2 .0 .1
296. * .0 .0 .0 .0 .0 .1
301. * .0 .0 .0 .0 .0 .1
306. * .0 .0 .0 .0 .0 .1
311. * .0 .0 .0 .0 .0 .0
316. * .0 .0 .0 .0 .0 .0
321. * .0 .0 .0 .0 .0 .0
326. * .0 .0 .0 .0 .0 .0
331. * .0 .0 .0 .0 .0 .0
336. * .0 .0 .0 .0 .0 .0
341. * .0 .0 .0 .0 .0 .0
346. * .0 .0 .0 .0 .1 .0
351. * .0 .0 .0 .0 .1 .0
356. * .0 .0 .0 .0 .1 .0
361. * .0 .0 .0 .0 .1 .0
-----
MAX * .1 .2 .2 .3 .2 .3
DEGR * 190 170 195 190 10 225

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 190 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 225 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 170 DEGREES FROM REC2 .

```

1

JOB: S16 B130PM

DATE: 12/22/2006 TIME: 22:23:00.31

RUN: S16 B130PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 190 170 195 190 10 225
-----
1 * .0 .0 .0 .0 .0 .0
2 * .1 .0 .0 .0 .1 .0
3 * .0 .1 .0 .0 .0 .0
4 * .0 .0 .1 .1 .0 .1
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .1 .0 .1
9 * .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0
12 * .0 .1 .1 .1 .0 .1
13 * .0 .0 .0 .0 .1 .0
14 * .0 .0 .0 .0 .0 .0

```

				S16B230A.DAT				
S16	B230AM			60.0175.0.0000.000	60.30480000	11	1	
REC	1	MILESTONE APTS	235764.	560912.	5.			
REC	2	MILESTONE APTS	236055.	560331.	5.			
REC	3	MILESTONE APTS	236378.	560139.	5.			
REC	4	MILESTONE APTS	236428.	559863.	5.			
REC	5	DRIVING RANGE	235429.	559745.	5.			
REC	6	MILESTONE APTS	236645.	559582.	5.			
S16	B230AM			14	1	1		
1								
1		NB GP	AG235173.560777.235437.560463.	2500	3.9	0	56 60.	
0	1	NB GP	AG235437.560463.235787.560118.	2500	3.9	0	56 60.	
0	1	NB GP	AG235787.560118.236196.559688.	2500	3.9	0	56 60.	
0	1	NB GP	AG236196.559688.236531.559310.	2500	3.9	0	56 60.	
1		NB ETL	AG235130.560739.235306.560532.	1150	3.8	0	44 59.	
0	1	NB ETL	AG235306.560532.235518.560301.	1150	3.8	0	44 59.	
0	1	NB ETL	AG235518.560301.235939.559883.	1150	3.8	0	44 59.	
0	1	NB ETL	AG235939.559883.236489.559274.	1150	3.8	0	44 59.	
0	1	SB ETL	AG236453.559243.236101.559635.	2800	3.6	0	44 55.	
0	1	SB ETL	AG236101.559635.235465.560289.	2800	3.6	0	44 55.	
0	1	SB ETL	AG235465.560289.235092.560696.	2800	3.6	0	44 55.	
0	1	SB GP	AG236405.559207.235763.559914.	5400	3.6	0	56 54.	
0	1	SB GP	AG235763.559914.235225.560468.	5400	3.6	0	56 54.	
0	1	SB GP	AG235225.560468.235051.560665.	5400	3.6	0	56 54.	
1.0	.54	1000. 0.0Y	5 0 72					

1

PAGE 1

JOB: S16 B230AM
DATE: 01/19/2007 TIME: 21:20:16.65

RUN: S16 B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB GP	*	235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	2500.	3.9	.0	56.0	
2. 0 NB GP	*	235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	2500.	3.9	.0	56.0	
3. 0 NB GP	*	235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	2500.	3.9	.0	56.0	
4. 0 NB GP	*	236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	2500.	3.9	.0	56.0	
5. NB ETL	*	235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	1150.	3.8	.0	44.0	
6. 0 NB ETL	*	235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	1150.	3.8	.0	44.0	
7. 0 NB ETL	*	235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	1150.	3.8	.0	44.0	
8. 0 NB ETL	*	235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	1150.	3.8	.0	44.0	
9. 0 SB ETL	*	236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	2800.	3.6	.0	44.0	
10. 0 SB ETL	*	236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	2800.	3.6	.0	44.0	
11. 0 SB ETL	*	235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	2800.	3.6	.0	44.0	
12. 0 SB GP	*	236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	5400.	3.6	.0	56.0	
13. 0 SB GP	*	235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	5400.	3.6	.0	56.0	
14. 0 SB GP	*	235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	5400.	3.6	.0	56.0	

1

JOB: S16 B230AM
DATE: 01/19/2007 TIME: 21:20:16.65

RUN: S16 B230AM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B230AM

RUN: S16 B230AM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

1.	*	.0	.0	.0	.0	.1	.0
6.	*	.0	.0	.0	.0	.1	.0
11.	*	.0	.0	.0	.0	.1	.0
16.	*	.0	.0	.0	.0	.1	.0
21.	*	.0	.0	.0	.0	.2	.0
26.	*	.0	.0	.0	.0	.2	.0
31.	*	.0	.0	.0	.0	.2	.0
36.	*	.0	.0	.0	.0	.2	.0
41.	*	.0	.0	.0	.0	.2	.0
46.	*	.0	.0	.0	.0	.2	.0
51.	*	.0	.0	.0	.0	.2	.0
56.	*	.0	.0	.0	.0	.2	.0
61.	*	.0	.0	.0	.0	.2	.0
66.	*	.0	.0	.0	.0	.3	.0
71.	*	.0	.0	.0	.0	.2	.0
76.	*	.0	.0	.0	.0	.2	.0
81.	*	.0	.0	.0	.0	.2	.0
86.	*	.0	.0	.0	.0	.2	.0
91.	*	.0	.0	.0	.0	.1	.0
96.	*	.0	.0	.0	.0	.1	.0
101.	*	.0	.0	.0	.0	.1	.0
106.	*	.0	.0	.0	.0	.1	.0
111.	*	.0	.0	.0	.0	.1	.0
116.	*	.0	.0	.0	.0	.1	.0
121.	*	.0	.0	.0	.0	.1	.0
126.	*	.0	.0	.0	.0	.0	.0
131.	*	.0	.0	.0	.0	.0	.0
136.	*	.0	.0	.0	.0	.0	.0
141.	*	.0	.0	.0	.0	.0	.0
146.	*	.0	.0	.0	.0	.0	.0
151.	*	.0	.0	.0	.0	.0	.0
156.	*	.0	.0	.0	.0	.0	.0
161.	*	.1	.1	.0	.0	.0	.0
166.	*	.1	.1	.0	.0	.0	.0
171.	*	.1	.1	.0	.0	.0	.0

S16B230A.OUT

```

176. * .1 .2 .0 .1 .0 .0
181. * .0 .2 .1 .2 .0 .0
186. * .1 .2 .1 .2 .0 .0
191. * .1 .2 .1 .3 .0 .0
196. * .1 .2 .1 .3 .0 .0
201. * .1 .3 .1 .3 .0 .0
206. * .1 .3 .1 .3 .0 .0

```

1

JOB: S16 B230AM

RUN: S16 B230AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6
-----
211. * .1 .3 .1 .3 .0 .1
216. * .1 .2 .1 .3 .0 .2
221. * .1 .3 .1 .2 .0 .2
226. * .1 .2 .2 .2 .0 .3
231. * .0 .1 .2 .1 .0 .3
236. * .0 .1 .2 .1 .0 .3
241. * .0 .1 .2 .1 .0 .3
246. * .0 .2 .2 .2 .0 .3
251. * .0 .2 .0 .3 .0 .3
256. * .0 .2 .1 .3 .0 .3
261. * .0 .2 .1 .3 .0 .3
266. * .0 .2 .1 .3 .0 .3
271. * .0 .2 .1 .3 .0 .2
276. * .0 .2 .1 .4 .0 .2
281. * .0 .1 .1 .3 .0 .2
286. * .0 .0 .1 .3 .0 .2
291. * .0 .0 .0 .1 .0 .4
296. * .0 .0 .0 .1 .0 .3
301. * .0 .0 .0 .0 .0 .2
306. * .0 .0 .0 .0 .0 .0
311. * .0 .0 .0 .0 .0 .0
316. * .0 .0 .0 .0 .0 .0
321. * .0 .0 .0 .0 .0 .0
326. * .0 .0 .0 .0 .0 .0
331. * .0 .0 .0 .0 .0 .0
336. * .0 .0 .0 .0 .0 .0
341. * .0 .0 .0 .0 .1 .0
346. * .0 .0 .0 .0 .1 .0
351. * .0 .0 .0 .0 .1 .0
356. * .0 .0 .0 .0 .1 .0
361. * .0 .0 .0 .0 .1 .0
-----
MAX * .1 .3 .2 .4 .3 .4
DEGR. * 160 200 225 275 65 290

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 275 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 290 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 200 DEGREES FROM REC2 .

1

JOB: S16 B230AM

DATE: 01/19/2007 TIME: 21:20:16.65

RUN: S16 B230AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6
LINK # * 160 200 225 275 65 290
-----
1 * .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0
3 * .0 .1 .1 .1 .0 .1
4 * .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0
10 * .0 .1 .0 .1 .1 .1
11 * .0 .0 .0 .0 .0 .0
12 * .1 .1 .1 .1 .1 .1
13 * .0 .0 .0 .1 .1 .1
14 * .0 .0 .0 .0 .0 .0

```

				S16B230P.DAT			
S16	B230PM			60.0175.0.0000.000	60.30480000	11	1
REC 1	MILESTONE APTS	235764.	560912.	5.			
REC 2	MILESTONE APTS	236055.	560331.	5.			
REC 3	MILESTONE APTS	236378.	560139.	5.			
REC 4	MILESTONE APTS	236428.	559863.	5.			
REC 5	DRIVING RANGE	235429.	559745.	5.			
REC 6	MILESTONE APTS	236645.	559582.	5.			
S16	B230PM			14	1	1	
1							
1	NB GP	AG235173.560777.235437.560463.		5350	3.6	0	56 55.
0	1	NB GP	AG235437.560463.235787.560118.	5350	3.6	0	56 55.
0	1	NB GP	AG235787.560118.236196.559688.	5350	3.6	0	56 55.
0	1	NB GP	AG236196.559688.236531.559310.	5350	3.6	0	56 55.
0	1	NB ETL	AG235130.560739.235306.560532.	2925	4.0	0	44 62.
0	1	NB ETL	AG235306.560532.235518.560301.	2925	4.0	0	44 62.
0	1	NB ETL	AG235518.560301.235939.559883.	2925	4.0	0	44 62.
0	1	NB ETL	AG235939.559883.236489.559274.	2925	4.0	0	44 62.
0	1	SB ETL	AG236453.559243.236101.559635.	1000	3.8	0	44 58.
0	1	SB ETL	AG236101.559635.235465.560289.	1000	3.8	0	44 58.
0	1	SB ETL	AG235465.560289.235092.560696.	1000	3.8	0	44 58.
0	1	SB GP	AG236405.559207.235763.559914.	3200	3.9	0	56 60.
0	1	SB GP	AG235763.559914.235225.560468.	3200	3.9	0	56 60.
0	1	SB GP	AG235225.560468.235051.560665.	3200	3.9	0	56 60.
1.0	.54	1000. 0.0Y	5 0 72				

1

PAGE 1

JOB: S16 B230PM

RUN: S16 B230PM

DATE: 01/19/2007 TIME: 21:25:08.52

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	NB GP	* 235173.0	560777.0	235437.0	560463.0	*	410.	140. AG	5350.	3.6	.0	56.0	
2. 0	NB GP	* 235437.0	560463.0	235787.0	560118.0	*	491.	135. AG	5350.	3.6	.0	56.0	
3. 0	NB GP	* 235787.0	560118.0	236196.0	559688.0	*	593.	136. AG	5350.	3.6	.0	56.0	
4. 0	NB GP	* 236196.0	559688.0	236531.0	559310.0	*	505.	138. AG	5350.	3.6	.0	56.0	
5.	NB ETL	* 235130.0	560739.0	235306.0	560532.0	*	272.	140. AG	2925.	4.0	.0	44.0	
6. 0	NB ETL	* 235306.0	560532.0	235518.0	560301.0	*	314.	137. AG	2925.	4.0	.0	44.0	
7. 0	NB ETL	* 235518.0	560301.0	235939.0	559883.0	*	593.	135. AG	2925.	4.0	.0	44.0	
8. 0	NB ETL	* 235939.0	559883.0	236489.0	559274.0	*	821.	138. AG	2925.	4.0	.0	44.0	
9. 0	SB ETL	* 236453.0	559243.0	236101.0	559635.0	*	527.	318. AG	1000.	3.8	.0	44.0	
10. 0	SB ETL	* 236101.0	559635.0	235465.0	560289.0	*	912.	316. AG	1000.	3.8	.0	44.0	
11. 0	SB ETL	* 235465.0	560289.0	235092.0	560696.0	*	552.	317. AG	1000.	3.8	.0	44.0	
12. 0	SB GP	* 236405.0	559207.0	235763.0	559914.0	*	955.	318. AG	3200.	3.9	.0	56.0	
13. 0	SB GP	* 235763.0	559914.0	235225.0	560468.0	*	772.	316. AG	3200.	3.9	.0	56.0	
14. 0	SB GP	* 235225.0	560468.0	235051.0	560665.0	*	263.	319. AG	3200.	3.9	.0	56.0	

1

JOB: S16 B230PM

RUN: S16 B230PM

DATE: 01/19/2007 TIME: 21:25:08.52

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 MILESTONE APTS	*	235764.0	560912.0	5.0	*
2. REC 2 MILESTONE APTS	*	236055.0	560331.0	5.0	*
3. REC 3 MILESTONE APTS	*	236378.0	560139.0	5.0	*
4. REC 4 MILESTONE APTS	*	236428.0	559863.0	5.0	*
5. REC 5 DRIVING RANGE	*	235429.0	559745.0	5.0	*
6. REC 6 MILESTONE APTS	*	236645.0	559582.0	5.0	*

1

JOB: S16 B230PM

RUN: S16 B230PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

1.	*	.0	.0	.0	.0	.2	.0
6.	*	.0	.0	.0	.0	.2	.0
11.	*	.0	.0	.0	.0	.2	.0
16.	*	.0	.0	.0	.0	.2	.0
21.	*	.0	.0	.0	.0	.2	.0
26.	*	.0	.0	.0	.0	.3	.0
31.	*	.0	.0	.0	.0	.3	.0
36.	*	.0	.0	.0	.0	.3	.0
41.	*	.0	.0	.0	.0	.3	.0
46.	*	.0	.0	.0	.0	.3	.0
51.	*	.0	.0	.0	.0	.3	.0
56.	*	.0	.0	.0	.0	.3	.0
61.	*	.0	.0	.0	.0	.2	.0
66.	*	.0	.0	.0	.0	.1	.0
71.	*	.0	.0	.0	.0	.2	.0
76.	*	.0	.0	.0	.0	.2	.0
81.	*	.0	.0	.0	.0	.2	.0
86.	*	.0	.0	.0	.0	.2	.0
91.	*	.0	.0	.0	.0	.3	.0
96.	*	.0	.0	.0	.0	.2	.0
101.	*	.0	.0	.0	.0	.3	.0
106.	*	.0	.0	.0	.0	.3	.0
111.	*	.0	.0	.0	.0	.2	.0
116.	*	.0	.0	.0	.0	.1	.0
121.	*	.0	.0	.0	.0	.0	.0
126.	*	.0	.0	.0	.0	.0	.0
131.	*	.0	.0	.0	.0	.0	.0
136.	*	.0	.0	.0	.0	.0	.0
141.	*	.0	.0	.0	.0	.0	.0
146.	*	.0	.0	.0	.0	.0	.0
151.	*	.0	.1	.0	.0	.0	.0
156.	*	.0	.1	.0	.0	.0	.0
161.	*	.1	.2	.0	.0	.0	.0
166.	*	.1	.3	.0	.1	.0	.0
171.	*	.1	.4	.1	.1	.0	.0

S16B230P.OUT

176. * .1 .3 .1 .1 .0 .0
 181. * .1 .3 .1 .2 .0 .0
 186. * .1 .3 .2 .2 .0 .0
 191. * .1 .2 .2 .3 .0 .0
 196. * .1 .2 .3 .3 .0 .0
 201. * .1 .2 .3 .3 .0 .1
 206. * .1 .2 .3 .3 .0 .1

1

JOB: S16 B230PM

RUN: S16 B230PM

PAGE 4

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2 REC3 REC4 REC5 REC6

 211. * .1 .2 .3 .3 .0 .1
 216. * .0 .2 .3 .3 .0 .2
 221. * .1 .2 .3 .3 .0 .3
 226. * .1 .2 .2 .3 .0 .3
 231. * .1 .4 .2 .4 .0 .3
 236. * .1 .3 .1 .4 .0 .3
 241. * .1 .3 .1 .3 .0 .3
 246. * .1 .3 .1 .3 .0 .3
 251. * .1 .3 .1 .3 .0 .3
 256. * .1 .3 .2 .3 .0 .3
 261. * .0 .2 .2 .3 .0 .3
 266. * .0 .2 .2 .3 .0 .3
 271. * .0 .2 .3 .1 .0 .3
 276. * .0 .1 .2 .1 .0 .3
 281. * .0 .1 .1 .2 .0 .4
 286. * .0 .2 .1 .3 .0 .4
 291. * .0 .1 .1 .4 .0 .2
 296. * .0 .1 .0 .2 .0 .1
 301. * .0 .0 .0 .1 .0 .1
 306. * .0 .0 .0 .1 .0 .1
 311. * .0 .0 .0 .0 .0 .0
 316. * .0 .0 .0 .0 .0 .0
 321. * .0 .0 .0 .0 .0 .0
 326. * .0 .0 .0 .0 .0 .0
 331. * .0 .0 .0 .0 .0 .0
 336. * .0 .0 .0 .0 .0 .0
 341. * .0 .0 .0 .0 .0 .0
 346. * .0 .0 .0 .0 .1 .0
 351. * .0 .0 .0 .0 .2 .0
 356. * .0 .0 .0 .0 .2 .0
 361. * .0 .0 .0 .0 .2 .0

 MAX * .1 .4 .3 .4 .3 .4
 DEGR. * 160 170 195 230 25 280

THE HIGHEST CONCENTRATION IS .40 PPM AT 170 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 230 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 280 DEGREES FROM REC6 .

1

JOB: S16 B230PM

RUN: S16 B230PM

PAGE 5

DATE: 01/19/2007 TIME: 21:25:08.52

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6
 LINK # * 160 170 195 230 25 280

 1 * .0 .0 .0 .0 .0 .0
 2 * .0 .0 .0 .0 .1 .0
 3 * .1 .1 .0 .1 .0 .1
 4 * .0 .1 .1 .1 .0 .1
 5 * .0 .0 .0 .0 .0 .0
 6 * .0 .0 .0 .0 .0 .0
 7 * .0 .0 .0 .0 .1 .0
 8 * .0 .1 .1 .1 .0 .1
 9 * .0 .0 .0 .0 .0 .0
 10 * .0 .0 .0 .0 .0 .0
 11 * .0 .0 .0 .0 .0 .0
 12 * .0 .1 .1 .1 .0 .1
 13 * .0 .0 .0 .0 .1 .0
 14 * .0 .0 .0 .0 .0 .0

Site 17

MD 355 & Father Hurley Blvd (MD 27)

S17EXAM.DAT

S17 EX AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.		
REC 2	164'	SE CORNER	242718.	559977.	5.		
REC 3	82'	SE CORNER	242705.	560056.	5.		
REC 4		SE CORNER	242710.	560141.	5.		
REC 5	82'	ES CORNER	242791.	560177.	5.		
REC 6	164'	ES CORNER	242861.	560196.	5.		
REC 7	400'	ES CORNER	243079.	560270.	5.		
REC 8	400'	EN CORNER	243069.	560438.	5.		
REC 9	164'	EN CORNER	242859.	560366.	5.		
REC 10	82'	EN CORNER	242781.	560343.	5.		
REC 11	164'	EN CORN	242683.	560328.	5.		
REC 12	82'	NE CORNER	242639.	560397.	5.		
REC 13	164'	NE CORNE	242623.	560476.	5.		
REC 14	400'	NE CORNE	242571.	560709.	5.		
REC 15	400'	NW CORNE	242451.	560682.	5.		
REC 16	164'	NW CORNE	242498.	560445.	5.		
REC 17	82'	NW CORNER	242508.	560369.	5.		
REC 18		NW CORNER	242501.	560273.	5.		
REC 19	82'	WN CORNER	242440.	560242.	5.		
REC 20	164'	WN CORNER	242361.	560225.	5.		
REC 21	400'	WN CORNE	242131.	560180.	5.		
REC 22	400'	WS CORNE	242146.	560028.	5.		
REC 23	164'	WS CORNE	242368.	560087.	5.		
REC 24	82'	WS CORNER	242440.	560097.	5.		
REC 25		SW CORNER	242526.	560096.	5.		
REC 26	82'	SW CORNER	242583.	560018.	5.		
REC 27	164'	SW CORNE	242597.	559935.	5.		
REC 28	400'	SW CORNE	242634.	559702.	5.		
EXAM	355&27					19	1 1
1							
1	NB 355	AG242769.559481.242638.560213.	321	2.9	0. 68.	40.	
2							
2	NB 355Q	AG242655.560116.242689.559929.	0.	36.	3		
	90	49 4.0 227 29.1 1770 2 3					
1							
3	NB 355	AG242638.560213.242494.560946.	173	2.9	0. 68.	40.	
1							
4	SB 355	AG242425.560931.242587.560197.	1051	2.9	0. 56.	40.	
2							
5	SB 355Q	AG242559.560323.242505.560569.	0.	26.	2		
	90	49 4.0 703 29.1 1763 2 3					
1							
6	SB 355	AG242587.560197.242700.559464.	1525	2.9	0. 56.	40.	
1							
7	WB 27	AG243303.560515.243080.560388.	1558	2.9	0. 56.	40.	
1							
8	WB 27	AG243080.560388.242923.560328.	1558	2.9	0. 68.	40.	
1							
9	WB 27 T	AG242923.560328.242631.560242.	1558	2.9	0. 80.	40.	
2							
10	WB 27 Q	AG242688.560259.242905.560323.	0.	48.	4		
	90	55 4.0 1539 29.1 1770 2 3					
1							
11	WB 27	AG242631.560242.242370.560205.	1317	2.9	0. 44.	40.	
1							
12	WB 27	AG242370.560205.242048.560139.	1317	2.9	0. 44.	40.	
1							
13	WB 27	AG242048.560139.241880.560084.	1317	2.9	0. 44.	40.	
1							
14	EB 27	AG241898.560008.242044.560060.	614	2.9	0. 68.	40.	
1							
15	EB 27	AG242044.560060.242620.560173.	614	2.9	0. 68.	40.	
2							
16	EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3		
	90	66 4.0 540 29.1 1770 2 3					
1							
17	EB 27	AG242620.560173.242887.560226.	529	2.9	0. 68.	40.	
1							
18	EB 27	AG242887.560226.243090.560299.	529	2.9	0. 68.	40.	
1							
19	EB 27	AG243090.560299.243332.560438.	529	2.9	0. 68.	40.	
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: S17 EX AM 355/27
DATE: 12/14/2006 TIME: 13:01:26.70

RUN: EXAM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	321.	2.9	.0	68.0	
2. 2	NB 355Q	242655.0	560116.0	242658.6	560096.2	*	20.	170. AG	127.	100.0	.0	36.0	.25 1.0
3. 3	NB 355	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	173.	2.9	.0	68.0	
4. 4	SB 355	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1051.	2.9	.0	56.0	
5. 5	SB 355Q	242559.0	560323.0	242401.4	561041.1	*	735.	348. AG	85.	100.0	.0	26.0	1.19 37.3
6. 6	SB 355	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1525.	2.9	.0	56.0	
7. 7	WB 27	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1558.	2.9	.0	56.0	
8. 8	WB 27	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1558.	2.9	.0	68.0	
9. 9	WB 27 T	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1558.	2.9	.0	80.0	
10. 10	WB 27 Q	242688.0	560259.0	244197.0	560704.3	*	1573.	74. AG	191.	100.0	.0	48.0	1.55 79.9
11. 11	WB 27	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1317.	2.9	.0	44.0	
12. 12	WB 27	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1317.	2.9	.0	44.0	
13. 13	WB 27	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1317.	2.9	.0	44.0	
14. 14	EB 27	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	614.	2.9	.0	68.0	
15. 15	EB 27	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	614.	2.9	.0	68.0	
16. 16	EB 27 Q	242530.0	560155.0	242135.4	560078.8	*	402.	259. AG	172.	100.0	.0	36.0	1.18 20.4
17. 17	EB 27	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	529.	2.9	.0	68.0	
18. 18	EB 27	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	529.	2.9	.0	68.0	
19. 19	EB 27	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	529.	2.9	.0	68.0	

1

JOB: S17 EX AM 355/27
DATE: 12/14/2006 TIME: 13:01:26.70

RUN: EXAM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	90	49	4.0	227	770	29.10	1	3
5. 5	SB 355Q	90	49	4.0	703	763	29.10	1	3
10. 10	WB 27 Q	90	55	4.0	1539	770	29.10	1	3
16. 16	EB 27 Q	90	66	4.0	540	770	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 EX AM 355/27

RUN: EXAM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
5.	*	.1	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.0
10.	*	.1	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.1
15.	*	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.1

S17EXAM.OUT

20.	*	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.1	.1
25.	*	.1	.1	.2	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.1
30.	*	.1	.2	.2	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.1	.1
35.	*	.1	.2	.2	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1
40.	*	.1	.2	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1
45.	*	.1	.2	.2	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1
50.	*	.1	.2	.2	.3	.4	.3	.4	.0	.0	.0	.0	.0	.0	.3	.3	.3	.2	.1	.1
55.	*	.1	.2	.2	.3	.4	.3	.5	.0	.0	.0	.0	.0	.0	.3	.3	.3	.1	.0	.0
60.	*	.0	.1	.2	.3	.4	.3	.4	.1	.1	.1	.0	.0	.0	.3	.3	.3	.2	.1	.1
65.	*	.0	.1	.2	.3	.4	.3	.3	.2	.2	.1	.0	.0	.0	.3	.3	.3	.2	.1	.2
70.	*	.0	.1	.2	.2	.2	.2	.2	.3	.3	.2	.1	.0	.0	.3	.3	.4	.3	.2	.3
75.	*	.0	.0	.1	.1	.2	.1	.2	.4	.4	.4	.3	.1	.1	.0	.3	.4	.4	.4	.3
80.	*	.0	.0	.0	.1	.1	.1	.1	.5	.6	.6	.4	.2	.1	.0	.3	.4	.5	.5	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.6	.2	.2	.0	.3	.5	.5	.5	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.6	.3	.2	.1	.4	.5	.6	.5	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.6	.3	.2	.1	.4	.5	.6	.4	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.6	.3	.2	.1	.4	.5	.5	.5	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.1	.4	.5	.6	.3	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.5	.7	.6	.5	.3	.2	.1	.4	.5	.6	.3	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.5	.7	.6	.5	.3	.2	.1	.4	.5	.6	.2	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.5	.7	.6	.5	.3	.2	.1	.4	.4	.4	.2	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.3	.2	.1	.5	.4	.3	.1	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.3	.2	.1	.5	.4	.3	.1	.3
135.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.3	.2	.1	.5	.4	.2	.2	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.3	.2	.1	.5	.4	.2	.2	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.3	.1	.1	.5	.3	.2	.2	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.3	.1	.1	.6	.3	.1	.2	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.2	.1	.1	.5	.2	.2	.2	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.2	.1	.1	.4	.3	.2	.3	.3
165.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.2	.1	.0	.3	.3	.1	.3	.3
170.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.0	.0	.3	.2	.2	.3	.3
175.	*	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.0	.0	.2	.1	.1	.2	.3
180.	*	.0	.0	.1	.0	.0	.0	.0	.5	.5	.5	.3	.1	.1	.1	.3	.1	.1	.3	.3
185.	*	.0	.1	.1	.1	.0	.0	.0	.5	.5	.5	.3	.1	.0	.1	.1	.1	.1	.3	.3
190.	*	.0	.1	.1	.1	.0	.0	.0	.5	.5	.5	.3	.1	.0	.2	.1	.1	.1	.3	.3
195.	*	.1	.1	.1	.1	.0	.0	.0	.5	.5	.5	.2	.0	.1	.3	.1	.1	.1	.3	.3
200.	*	.1	.1	.1	.1	.0	.0	.0	.5	.5	.5	.2	.1	.2	.3	.1	.1	.1	.3	.3
205.	*	.1	.1	.1	.1	.0	.0	.0	.5	.6	.5	.2	.1	.2	.3	.0	.1	.1	.3	.3

JOB: S17 EX AM 355/27

RUN: EXAM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.1	.0	.0	.0	.5	.6	.5	.1	.1	.3	.3	.0	.1	.1	.3	.3
215.	*	.1	.1	.1	.1	.0	.0	.0	.5	.6	.5	.2	.1	.3	.2	.0	.1	.1	.3	.3
220.	*	.1	.1	.1	.2	.0	.0	.0	.5	.6	.5	.1	.1	.2	.1	.0	.1	.1	.3	.3
225.	*	.1	.1	.1	.2	.0	.0	.0	.5	.5	.5	.2	.1	.2	.1	.0	.1	.1	.3	.3
230.	*	.1	.1	.1	.2	.0	.0	.0	.5	.6	.5	.2	.2	.2	.1	.0	.0	.1	.3	.3
235.	*	.1	.1	.1	.2	.0	.0	.0	.6	.6	.4	.3	.2	.1	.1	.0	.0	.1	.3	.4
240.	*	.1	.1	.1	.2	.0	.0	.0	.7	.5	.3	.3	.2	.1	.1	.0	.0	.0	.3	.4
245.	*	.1	.1	.1	.2	.1	.0	.1	.6	.4	.3	.2	.1	.1	.1	.0	.0	.0	.3	.3
250.	*	.1	.1	.1	.3	.1	.1	.1	.3	.3	.3	.1	.1	.1	.1	.0	.0	.0	.2	.3
255.	*	.1	.1	.1	.3	.1	.2	.3	.1	.2	.1	.1	.1	.1	.1	.0	.0	.1	.3	.2
260.	*	.1	.1	.1	.3	.2	.2	.3	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.2
265.	*	.1	.1	.2	.3	.2	.2	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1
270.	*	.1	.1	.2	.3	.2	.2	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1
275.	*	.1	.2	.3	.3	.2	.2	.5	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1
280.	*	.1	.2	.3	.2	.2	.2	.5	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
285.	*	.1	.2	.3	.1	.1	.3	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
290.	*	.1	.2	.3	.1	.1	.4	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
295.	*	.1	.2	.2	.1	.3	.4	.4	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
300.	*	.2	.2	.3	.0	.3	.4	.5	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.2	.2	.3	.0	.3	.4	.5	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.0	.5	.5	.5	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.0	.4	.6	.5	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0
320.	*	.2	.1	.1	.1	.4	.6	.4	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0
325.	*	.2	.1	.1	.2	.4	.5	.4	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0
330.	*	.1	.0	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0
335.	*	.1	.1	.1	.2	.5	.4	.4	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
340.	*	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.1	.1	.1	.0	.2	.2	.1	.0	.0
345.	*	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.0	.0
350.	*	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.0
355.	*	.1	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.0
360.	*	.1	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.0
MAX		.2	.2	.3	.4	.5	.6	.5	.7	.7	.8	.6	.3	.3	.3	.6	.5	.6	.5	.4
DEGR.		300	30	275	20	25	315	40	240	85	85	85	90	210	195	150	85	90	80	85

JOB: S17 EX AM 355/27

RUN: EXAM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.3	.5	.5	.4	.3	.2
5.	*	.0	.3	.4	.5	.4	.2	.2
10.	*	.0	.3	.5	.5	.3	.2	.3
15.	*	.0	.3	.6	.5	.2	.2	.3
20.	*	.0	.4	.7	.6	.1	.3	.3
25.	*	.0	.4	.7	.5	.0	.3	.3
30.	*	.0	.4	.6	.5	.0	.3	.3

S17EXAM.OUT

```

35. * .0 .5 .7 .5 .2 .4 .3 .3
40. * .0 .5 .7 .5 .2 .4 .4 .3
45. * .0 .5 .6 .6 .4 .3 .3 .2
50. * .0 .5 .7 .6 .4 .3 .3 .2
55. * .0 .6 .7 .6 .5 .3 .3 .2
60. * .0 .6 .8 .6 .4 .3 .2 .1
65. * .2 .6 .7 .6 .4 .3 .2 .1
70. * .2 .5 .6 .4 .3 .2 .2 .1
75. * .2 .3 .5 .3 .3 .2 .1 .1
80. * .4 .3 .3 .2 .2 .1 .1 .1
85. * .4 .2 .2 .1 .1 .1 .1 .1
90. * .4 .1 .1 .0 .1 .1 .1 .1
95. * .4 .0 .0 .0 .1 .1 .1 .1
100. * .4 .0 .0 .0 .1 .1 .1 .1
105. * .4 .0 .0 .0 .1 .1 .1 .1
110. * .5 .0 .0 .0 .1 .1 .1 .1
115. * .5 .0 .0 .1 .1 .1 .1 .1
120. * .5 .0 .0 .1 .1 .1 .2 .2
125. * .3 .0 .0 .1 .1 .2 .2 .2
130. * .3 .0 .0 .1 .1 .2 .2 .2
135. * .3 .0 .0 .1 .1 .2 .2 .2
140. * .3 .0 .0 .1 .1 .2 .2 .2
145. * .3 .0 .0 .1 .1 .2 .2 .2
150. * .3 .0 .0 .0 .1 .2 .2 .2
155. * .3 .0 .0 .0 .1 .2 .2 .2
160. * .3 .0 .0 .0 .1 .2 .2 .2
165. * .3 .0 .0 .0 .1 .2 .2 .2
170. * .3 .0 .0 .0 .0 .2 .2 .2
175. * .2 .0 .0 .0 .0 .1 .1 .1
180. * .2 .0 .0 .0 .0 .1 .1 .1
185. * .2 .0 .0 .0 .0 .1 .1 .1
190. * .1 .0 .0 .0 .0 .0 .0 .0
195. * .1 .0 .0 .0 .0 .0 .0 .0
200. * .1 .0 .0 .0 .0 .0 .0 .0
205. * .1 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 EX AM 355/27

RUN: EXAM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .1 .0 .0 .0 .0 .0 .0 .0
215. * .1 .0 .0 .0 .0 .0 .0 .0
220. * .2 .0 .0 .0 .0 .0 .0 .0
225. * .2 .0 .0 .0 .0 .0 .0 .0
230. * .2 .0 .0 .0 .0 .0 .0 .0
235. * .1 .0 .0 .0 .0 .0 .0 .0
240. * .2 .0 .0 .0 .0 .0 .0 .0
245. * .2 .0 .0 .0 .0 .0 .0 .0
250. * .2 .0 .1 .1 .1 .0 .0 .0
255. * .2 .0 .2 .2 .1 .0 .0 .0
260. * .1 .0 .3 .3 .2 .0 .0 .0
265. * .1 .0 .4 .4 .2 .0 .0 .0
270. * .0 .0 .5 .5 .3 .1 .0 .0
275. * .0 .0 .6 .6 .5 .1 .0 .0
280. * .0 .0 .6 .6 .5 .1 .0 .0
285. * .0 .0 .6 .6 .5 .2 .1 .0
290. * .0 .0 .6 .6 .5 .2 .1 .0
295. * .0 .0 .7 .7 .4 .2 .1 .0
300. * .0 .0 .7 .7 .4 .2 .1 .0
305. * .0 .0 .7 .6 .4 .2 .1 .0
310. * .0 .0 .7 .5 .3 .2 .1 .1
315. * .0 .0 .7 .5 .3 .2 .1 .1
320. * .0 .0 .6 .5 .3 .2 .1 .1
325. * .0 .0 .5 .4 .3 .2 .1 .1
330. * .0 .0 .4 .4 .3 .1 .1 .1
335. * .0 .1 .5 .4 .3 .1 .1 .2
340. * .0 .1 .5 .5 .3 .2 .2 .2
345. * .0 .1 .5 .5 .4 .3 .3 .1
350. * .0 .2 .5 .5 .4 .2 .2 .2
355. * .0 .2 .5 .5 .4 .3 .3 .2
360. * .0 .3 .5 .5 .4 .3 .2 .2
-----
MAX * .5 .6 .8 .7 .5 .4 .4 .3
DEGR. * 110 55 60 295 55 35 40 10

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 60 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC8 .

1

JOB: S17 EX AM 355/27

RUN: EXAM 355&27

PAGE 7

DATE: 12/14/2006 TIME: 13:01:26.70

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 300 30 275 20 25 315 40 240 85 85 85 90 210 195 150 85 90 80 80 85
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .1 .1 .1 .1 .0 .0
5 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .1 .1 .3 .2 .2 .0 .0 .0
6 * .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .1 .1 .1 .0 .1 .0 .1 .1 .0 .0 .0 .0 .0 .1 .1 .0

```

Page 3

1

		S17EXAM.OUT																			
10	*	.0	.2	.0	.3	.3	.3	.3	.4	.6	.6	.5	.3	.0	.0	.1	.2	.3	.3	.3	.2
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.1	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S17 EX AM 355/27
 DATE: 12/14/2006 TIME: 13:01:26.70

RUN: EXAM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
LINK #	*	110	55	60	295	55	35	40	10
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.1	.2	.2	.2
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.0	.0	.0
10	*	.0	.1	.2	.0	.3	.2	.2	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.0	.0	.0	.0
16	*	.3	.4	.5	.5	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17EXPM.dat

S17 EX PM 355/27	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	242756.	559744.	5.
REC 2	164'	SE CORNER	242718.	559977.	5.
REC 3	82'	SE CORNER	242705.	560056.	5.
REC 4		SE CORNER	242710.	560141.	5.
REC 5	82'	ES CORNER	242791.	560177.	5.
REC 6	164'	ES CORNER	242861.	560196.	5.
REC 7	400'	ES CORNER	243079.	560270.	5.
REC 8	400'	EN CORNER	243069.	560438.	5.
REC 9	164'	EN CORNER	242859.	560366.	5.
REC 10	82'	EN CORNER	242781.	560343.	5.
REC 11	164'	EN CORN	242683.	560328.	5.
REC 12	82'	NE CORNER	242639.	560397.	5.
REC 13	164'	NE CORNE	242623.	560476.	5.
REC 14	400'	NE CORNE	242571.	560709.	5.
REC 15	400'	NW CORNE	242451.	560682.	5.
REC 16	164'	NW CORNE	242498.	560445.	5.
REC 17	82'	NW CORNER	242508.	560369.	5.
REC 18		NW CORNER	242501.	560273.	5.
REC 19	82'	WN CORNER	242440.	560242.	5.
REC 20	164'	WN CORNER	242361.	560225.	5.
REC 21	400'	WN CORNE	242131.	560180.	5.
REC 22	400'	WS CORNE	242146.	560028.	5.
REC 23	164'	WS CORNE	242368.	560072.	5.
REC 24	82'	WS CORNER	242440.	560087.	5.
REC 25		SW CORNER	242526.	560096.	5.
REC 26	82'	SW CORNER	242583.	560018.	5.
REC 27	164'	SW CORNE	242597.	559935.	5.
REC 28	400'	SW CORNE	242634.	559702.	5.

EXPM 355&27 19 1 1

1									
1		NB 355	AG242769.559481.242638.560213.	742	2.9	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	48.	4			
	65	41	4.0 735 29.1 1770 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	627	2.9	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	287	2.9	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	24.	2			
	65	41	4.0 206 29.1 1759 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	545	2.9	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	585	2.9	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	585	2.9	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	585	2.9	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	48.	4			
	65	42	4.0 562 29.1 1770 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	591	2.9	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	591	2.9	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	591	2.9	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	1380	2.9	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	1380	2.9	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3			
	65	36	4.0 1240 29.1 1770 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	1231	2.9	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	1231	2.9	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	1231	2.9	0.	68.	40.	
1.0	0.4 1000. 0.0Y	5 0 72							

JOB: S17 EX PM 355/27
DATE: 12/14/2006 TIME: 13:01:54.71

RUN: EXPM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	742.	2.9	.0	68.0	
2. 2	NB 355Q	* 242655.0	560116.0	242666.5	560053.0	*	64.	170. AG	197.	100.0	.0	48.0	.86 3.3
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	627.	2.9	.0	68.0	
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	287.	2.9	.0	56.0	
5. 5	SB 355Q	* 242559.0	560323.0	242554.1	560345.6	*	23.	348. AG	98.	100.0	.0	24.0	.49 1.2
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	545.	2.9	.0	56.0	
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	585.	2.9	.0	56.0	
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	585.	2.9	.0	68.0	
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	585.	2.9	.0	80.0	
10. 10	WB 27 Q	* 242688.0	560259.0	242722.9	560269.3	*	36.	74. AG	202.	100.0	.0	48.0	.70 1.9
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	591.	2.9	.0	44.0	
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	591.	2.9	.0	44.0	
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	591.	2.9	.0	44.0	
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1380.	2.9	.0	68.0	
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1380.	2.9	.0	68.0	
16. 16	EB 27 Q	* 242530.0	560155.0	240967.1	559853.2	*	1592.	259. AG	130.	100.0	.0	36.0	1.52 80.9
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1231.	2.9	.0	68.0	
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1231.	2.9	.0	68.0	
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1231.	2.9	.0	68.0	

JOB: S17 EX PM 355/27
DATE: 12/14/2006 TIME: 13:01:54.71

RUN: EXPM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 65	41	4.0	735	770	29.10	1	3
5. 5	SB 355Q	* 65	41	4.0	206	759	29.10	1	3
10. 10	WB 27 Q	* 65	42	4.0	562	770	29.10	1	3
16. 16	EB 27 Q	* 65	36	4.0	1240	770	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560072.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560087.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

JOB: S17 EX PM 355/27

RUN: EXPM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION	ANGLE * (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0. *	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. *	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. *	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. *	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S17EXPM.OUT

20.	*	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
80.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
85.	*	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
95.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.3	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.3	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.3	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.2	.3	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	.4	.3
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.0	.0	.1	.4	.3
165.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0	.2	.4	.3
170.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.0	.0	.2	.4	.3
175.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.1	.1	.1	.0	.1	.2	.4	.4
180.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.2	.4	.4
185.	*	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.1	.2	.4	.4
190.	*	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.2	.4	.4
195.	*	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.3	.4	.4
200.	*	.1	.1	.1	.3	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.3	.4	.4
205.	*	.1	.1	.1	.3	.0	.0	.0	.0	.0	.2	.0	.2	.2	.2	.1	.1	.3	.4

JOB: S17 EX PM 355/27

RUN: EXPM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.1	.1	.1	.4	.0	.0	.0	.0	.2	.0	.2	.2	.2	.1	.1	.1	.3	.4	.4
215.	*	.1	.1	.1	.4	.1	.0	.0	.0	.1	.0	.2	.2	.2	.1	.1	.1	.3	.4	.4
220.	*	.1	.1	.1	.4	.1	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.3	.4	.4
225.	*	.1	.1	.1	.4	.1	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.3	.4	.4
230.	*	.1	.1	.1	.4	.1	.1	.1	.0	.2	.2	.2	.2	.2	.1	.1	.1	.3	.4	.4
235.	*	.1	.1	.1	.3	.1	.2	.1	.0	.2	.2	.2	.2	.2	.1	.1	.1	.3	.4	.4
240.	*	.1	.1	.1	.3	.1	.2	.1	.1	.2	.2	.3	.1	.2	.1	.0	.1	.3	.4	.4
245.	*	.1	.1	.2	.3	.3	.3	.1	.1	.2	.2	.2	.2	.2	.1	.0	.1	.2	.2	.3
250.	*	.1	.1	.2	.3	.3	.3	.2	.1	.1	.1	.2	.2	.2	.1	.0	.1	.2	.2	.3
255.	*	.1	.1	.3	.4	.5	.2	.3	.1	.1	.1	.1	.2	.1	.1	.0	.1	.2	.2	.3
260.	*	.1	.2	.4	.4	.4	.5	.3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.2
265.	*	.1	.2	.5	.3	.4	.3	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.2
270.	*	.1	.2	.6	.3	.3	.3	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
275.	*	.1	.2	.6	.3	.2	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
280.	*	.2	.2	.8	.3	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
285.	*	.2	.2	.8	.3	.1	.3	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
290.	*	.2	.2	.8	.2	.1	.3	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
295.	*	.2	.2	.8	.1	.1	.3	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
300.	*	.2	.2	.8	.1	.2	.2	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
305.	*	.2	.3	.8	.1	.2	.2	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
310.	*	.2	.3	.6	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
315.	*	.2	.2	.5	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
320.	*	.2	.3	.5	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
325.	*	.1	.3	.4	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
330.	*	.1	.3	.4	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
335.	*	.1	.3	.3	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
340.	*	.1	.3	.3	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
345.	*	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
350.	*	.1	.2	.1	.2	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
355.	*	.1	.1	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
360.	*	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX		.2	.3	.8	.4	.5	.5	.3	.1	.2	.2	.3	.2	.2	.2	.1	.1	.1	.3	.4
DEGR.		280	305	290	210	255	260	255	240	230	205	160	205	200	200	190	180	110	195	125

JOB: S17 EX PM 355/27

RUN: EXPM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.4	.4	.4	.2	.1	.1
5.	*	.0	.4	.4	.4	.2	.1	.2
10.	*	.0	.4	.4	.4	.2	.1	.2
15.	*	.0	.4	.4	.4	.2	.1	.2
20.	*	.0	.4	.4	.4	.1	.2	.2
25.	*	.0	.4	.4	.4	.1	.2	.2
30.	*	.0	.4	.4	.4	.1	.2	.2

S17EXPM.OUT

```

35. * .0 .4 .4 .4 .1 .3 .2 .1
40. * .0 .4 .4 .4 .1 .3 .2 .1
45. * .0 .4 .4 .3 .1 .3 .1 .1
50. * .0 .4 .4 .3 .1 .2 .1 .1
55. * .0 .4 .4 .3 .2 .2 .0 .0
60. * .0 .4 .3 .2 .1 .2 .0 .0
65. * .0 .4 .3 .2 .1 .2 .0 .0
70. * .0 .3 .2 .2 .2 .1 .0 .0
75. * .1 .3 .2 .1 .1 .1 .0 .1
80. * .1 .2 .1 .1 .1 .2 .1 .1
85. * .2 .1 .1 .1 .1 .1 .1 .1
90. * .2 .0 .1 .1 .1 .0 .0 .0
95. * .3 .0 .0 .1 .2 .0 .0 .0
100. * .4 .0 .0 .1 .1 .0 .0 .0
105. * .4 .0 .0 .0 .1 .0 .0 .0
110. * .4 .0 .0 .0 .1 .0 .0 .0
115. * .4 .0 .0 .0 .1 .1 .1 .1
120. * .4 .0 .0 .0 .0 .1 .1 .1
125. * .4 .0 .0 .0 .0 .1 .1 .1
130. * .4 .0 .0 .0 .0 .1 .1 .1
135. * .4 .0 .0 .0 .0 .1 .1 .1
140. * .4 .0 .0 .0 .0 .1 .1 .1
145. * .4 .0 .0 .0 .0 .1 .1 .1
150. * .4 .0 .0 .0 .0 .1 .1 .1
155. * .4 .0 .0 .0 .0 .1 .1 .1
160. * .4 .0 .0 .0 .0 .1 .1 .1
165. * .4 .0 .0 .0 .0 .1 .1 .1
170. * .4 .0 .0 .0 .0 .1 .1 .1
175. * .4 .0 .0 .0 .0 .0 .0 .0
180. * .4 .0 .0 .0 .0 .0 .0 .0
185. * .4 .0 .0 .0 .0 .0 .0 .0
190. * .4 .0 .0 .0 .0 .0 .0 .0
195. * .4 .0 .0 .0 .0 .0 .0 .0
200. * .4 .0 .0 .0 .0 .0 .0 .0
205. * .4 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 EX PM 355/27

RUN: EXPM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .0 .0 .0 .0 .0 .0 .0
215. * .3 .0 .0 .0 .0 .0 .0 .0
220. * .3 .0 .0 .0 .0 .0 .0 .0
225. * .3 .0 .0 .0 .0 .0 .0 .0
230. * .3 .0 .0 .0 .0 .0 .0 .0
235. * .3 .0 .0 .0 .0 .0 .0 .0
240. * .3 .0 .0 .0 .0 .0 .0 .0
245. * .3 .1 .1 .1 .0 .0 .0 .0
250. * .3 .1 .1 .1 .1 .0 .0 .0
255. * .1 .2 .2 .2 .2 .1 .0 .0
260. * .1 .2 .4 .4 .3 .1 .0 .0
265. * .1 .4 .4 .4 .4 .1 .1 .0
270. * .0 .5 .5 .5 .4 .2 .1 .0
275. * .0 .6 .5 .5 .4 .2 .1 .0
280. * .0 .6 .5 .5 .4 .2 .1 .1
285. * .0 .4 .4 .5 .4 .3 .1 .1
290. * .0 .4 .4 .4 .4 .3 .1 .1
295. * .0 .4 .4 .4 .4 .3 .1 .1
300. * .0 .4 .4 .4 .4 .3 .1 .1
305. * .0 .4 .4 .4 .4 .2 .1 .1
310. * .0 .4 .4 .4 .4 .2 .1 .1
315. * .0 .4 .4 .4 .4 .2 .1 .1
320. * .0 .4 .4 .4 .4 .1 .1 .1
325. * .0 .4 .4 .4 .4 .1 .1 .1
330. * .0 .4 .4 .4 .3 .1 .1 .1
335. * .0 .4 .4 .4 .3 .1 .1 .1
340. * .0 .4 .4 .4 .3 .1 .1 .0
345. * .0 .4 .4 .4 .3 .0 .0 .0
350. * .0 .4 .4 .4 .3 .0 .0 .1
355. * .0 .4 .4 .4 .3 .0 .1 .1
360. * .0 .4 .4 .4 .2 .1 .1 .1
-----
MAX * .4 .6 .5 .5 .4 .3 .2 .1
DEGR. * 100 275 270 270 265 35 5 0

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 290 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 275 DEGREES FROM REC22 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 255 DEGREES FROM REC5 .

1

JOB: S17 EX PM 355/27

RUN: EXPM 355&27

PAGE 7

DATE: 12/14/2006 TIME: 13:01:54.71

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 280 305 290 210 255 260 255 240 230 205 160 205 200 200 190 180 110 195 125 125
-----
1 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .1 .5 .3 .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

1

										S17EXPM.OUT										
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.1	.1	.1	.0	.2	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.2	.1
17	*	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S17 EX PM 355/27
DATE: 12/14/2006 TIME: 13:01:54.71

RUN: EXPM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 100	REC22 275	REC23 270	REC24 270	REC25 265	REC26 35	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.2	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.1	.1	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.1	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.1	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.1	.1	.0	.0	.0
16	*	.2	.4	.4	.4	.3	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17NB15A.DAT

S17 NB15 AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.		
REC 2	164'	SE CORNER	242718.	559977.	5.		
REC 3	82'	SE CORNER	242705.	560056.	5.		
REC 4		SE CORNER	242710.	560141.	5.		
REC 5	82'	ES CORNER	242791.	560177.	5.		
REC 6	164'	ES CORNER	242861.	560196.	5.		
REC 7	400'	ES CORNER	243079.	560270.	5.		
REC 8	400'	EN CORNER	243069.	560438.	5.		
REC 9	164'	EN CORNER	242859.	560366.	5.		
REC 10	82'	EN CORNER	242781.	560343.	5.		
REC 11	164'	EN CORN	242683.	560328.	5.		
REC 12	82'	NE CORNER	242639.	560397.	5.		
REC 13	164'	NE CORNE	242623.	560476.	5.		
REC 14	400'	NE CORNE	242571.	560709.	5.		
REC 15	400'	NW CORNE	242451.	560682.	5.		
REC 16	164'	NW CORNE	242498.	560445.	5.		
REC 17	82'	NW CORNER	242508.	560369.	5.		
REC 18		NW CORNER	242501.	560273.	5.		
REC 19	82'	WN CORNER	242440.	560242.	5.		
REC 20	164'	WN CORNER	242361.	560225.	5.		
REC 21	400'	WN CORNE	242131.	560180.	5.		
REC 22	400'	WS CORNE	242146.	560028.	5.		
REC 23	164'	WS CORNE	242368.	560087.	5.		
REC 24	82'	WS CORNER	242440.	560097.	5.		
REC 25		SW CORNER	242526.	560096.	5.		
REC 26	82'	SW CORNER	242583.	560018.	5.		
REC 27	164'	SW CORNE	242597.	559935.	5.		
REC 28	400'	SW CORNE	242634.	559702.	5.		

NB15AM 355&27 19 1 1

1							
1	NB 355	AG242769.559481.242638.560213.	1375	3.3	0. 68.	40.	
2							
2	NB 355Q	AG242655.560116.242689.559929.	0.	36.	3		
	126	53 4.0 1375 33.4 1326 2 3					
1							
3	NB 355	AG242638.560213.242494.560946.	950	3.3	0. 68.	40.	
1							
4	SB 355	AG242425.560931.242587.560197.	1475	3.3	0. 56.	40.	
2							
5	SB 355Q	AG242559.560323.242505.560569.	0.	26.	2		
	126	83 4.0 1475 33.4 1599 2 3					
1							
6	SB 355	AG242587.560197.242700.559464.	2250	3.3	0. 56.	40.	
1							
7	WB 27	AG243303.560515.243080.560388.	1400	3.3	0. 56.	40.	
1							
8	WB 27	AG243080.560388.242923.560328.	1400	3.3	0. 68.	40.	
1							
9	WB 27 T	AG242923.560328.242631.560242.	1400	3.3	0. 80.	40.	
2							
10	WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5		
	126	90 4.0 1400 33.4 1711 2 3					
1							
11	WB 27	AG242631.560242.242370.560205.	1475	3.3	0. 44.	40.	
1							
12	WB 27	AG242370.560205.242048.560139.	1475	3.3	0. 44.	40.	
1							
13	WB 27	AG242048.560139.241880.560084.	1475	3.3	0. 44.	40.	
1							
14	EB 27	AG241898.560008.242044.560060.	1025	3.3	0. 68.	40.	
1							
15	EB 27	AG242044.560060.242620.560173.	1025	3.3	0. 68.	40.	
2							
16	EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3		
	126	105 4.0 1025 33.4 1770 2 3					
1							
17	EB 27	AG242620.560173.242887.560226.	1425	3.3	0. 68.	40.	
1							
18	EB 27	AG242887.560226.243090.560299.	1425	3.3	0. 68.	40.	
1							
19	EB 27	AG243090.560299.243332.560438.	1425	3.3	0. 68.	40.	
1.0	0.4 1000. 0.0Y	5 0 72					

1

PAGE 1

JOB: S17 NB15 AM 355/27
DATE: 12/27/2006 TIME: 21:43:58.83

RUN: NB15AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1375.	3.3	.0	68.0	
2. 2	NB 355Q	* 242655.0	560116.0	242678.8	559985.4	*	133.	170. AG	113.	100.0	.0	36.0	.65 6.7
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	950.	3.3	.0	68.0	
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1475.	3.3	.0	56.0	
5. 5	SB 355Q	* 242559.0	560323.0	241896.9	563339.0	*	3088.	348. AG	118.	100.0	.0	26.0	1.57 156.9
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2250.	3.3	.0	56.0	
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1400.	3.3	.0	56.0	
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1400.	3.3	.0	68.0	
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1400.	3.3	.0	80.0	
10. 10	WB 27 Q	* 242688.0	560259.0	242820.2	560298.0	*	138.	74. AG	320.	100.0	.0	60.0	.69 7.0
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1475.	3.3	.0	44.0	
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1475.	3.3	.0	44.0	
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1475.	3.3	.0	44.0	
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1025.	3.3	.0	68.0	
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1025.	3.3	.0	68.0	
16. 16	EB 27 Q	* 242530.0	560155.0	240990.6	559857.7	*	1568.	259. AG	224.	100.0	.0	36.0	1.62 79.6
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1425.	3.3	.0	68.0	
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1425.	3.3	.0	68.0	
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1425.	3.3	.0	68.0	

1

JOB: S17 NB15 AM 355/27
DATE: 12/27/2006 TIME: 21:43:58.83

RUN: NB15AM 355&27

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 126	53	4.0	1375	1326	33.40	2	3
5. 5	SB 355Q	* 126	83	4.0	1475	1599	33.40	2	3
10. 10	WB 27 Q	* 126	90	4.0	1400	1711	33.40	2	3
16. 16	EB 27 Q	* 126	105	4.0	1025	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 NB15 AM 355/27

RUN: NB15AM 355&27

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.3	.5	.6	.2	.1	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2	.1
5.	*	.2	.2	.3	.6	.5	.2	.2	.0	.0	.0	.0	.0	.0	.7	.7	.7	.4	.3	.1
10.	*	.1	.2	.3	.6	.5	.2	.2	.0	.0	.0	.0	.0	.0	.6	.7	.6	.3	.3	.1
15.	*	.0	.1	.3	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0	.6	.7	.6	.4	.2	.1

S17NB15A.OUT

20.	*	.0	.1	.3	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1
25.	*	.0	.1	.3	.6	.4	.2	.3	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
30.	*	.0	.0	.2	.5	.4	.2	.3	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
35.	*	.0	.0	.2	.5	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.6	.5	.3	.2	.1
40.	*	.0	.0	.1	.4	.2	.3	.4	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
45.	*	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
50.	*	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.1
55.	*	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
60.	*	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.1	.1	.1
65.	*	.0	.0	.0	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
70.	*	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.6	.5	.5	.2	.3	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.6	.5	.5	.2	.3	.2
80.	*	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0	.6	.5	.5	.4	.5	.3
85.	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.2	.2	.0	.0	.6	.5	.5	.4	.5	.3
90.	*	.0	.0	.0	.0	.1	.2	.0	.1	.1	.2	.3	.0	.0	.5	.5	.6	.4	.6	.3
95.	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.4	.0	.0	.5	.5	.6	.5	.3	.3
100.	*	.0	.0	.0	.0	.0	.1	.0	.2	.1	.1	.5	.0	.0	.5	.5	.7	.6	.3	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.6	.1	.0	.6	.6	.8	.4	.2	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.7	.1	.0	.6	.7	.7	.4	.3	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.7	.3	.0	.6	.7	.7	.3	.3	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.8	.3	.1	.6	.8	.7	.3	.4	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.8	.4	.1	.7	.8	.5	.4	.4	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.9	.4	.1	.7	.8	.5	.4	.7	.6
135.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.9	.4	.2	.8	.7	.4	.5	.8	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.8	.4	.2	.8	.7	.3	.4	.7	.6
145.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	.8	.4	.2	.1	.8	.6	.4	.7	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.8	.4	.2	.1	.9	.4	.3	.4	.7
155.	*	.1	.0	.0	.0	.0	.0	.0	.2	.1	.8	.8	.3	.2	.2	.8	.6	.3	.5	.6
160.	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.9	.7	.3	.3	.2	.5	.6	.4	.5	.6
165.	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.9	.7	.4	.2	.2	.5	.3	.4	.3	.7
170.	*	.1	.2	.2	.1	.0	.0	.0	.2	.1	.9	.7	.4	.4	.2	.4	.4	.4	.6	.5
175.	*	.2	.3	.3	.2	.0	.0	.0	.1	.1	.9	.8	.4	.4	.3	.3	.3	.4	.6	.5
180.	*	.2	.3	.4	.3	.0	.0	.0	.1	.1	.9	.8	.3	.3	.4	.3	.1	.3	.6	.5
185.	*	.3	.3	.4	.3	.0	.0	.0	.1	.3	.9	.7	.3	.2	.4	.2	.1	.2	.3	.5
190.	*	.3	.3	.4	.3	.2	.0	.0	.2	.3	1.2	.5	.2	.3	.5	.1	.1	.3	.4	.5
195.	*	.3	.3	.5	.4	.2	.0	.0	.2	.3	1.2	.4	.3	.4	.5	.1	.1	.3	.4	.5
200.	*	.3	.3	.5	.4	.2	.1	.0	.2	.5	1.3	.4	.4	.4	.5	.1	.1	.3	.4	.6
205.	*	.3	.3	.5	.4	.2	.1	.0	.2	.6	1.2	.3	.3	.4	.5	.1	.2	.2	.4	.6

JOB: S17 NB15 AM 355/27

RUN: NB15AM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.3	.3	.5	.4	.3	.1	.0	.2	.7	1.2	.4	.4	.4	.5	.1	.2	.2	.5	.6
215.	*	.3	.3	.6	.4	.3	.1	.0	.1	.7	1.0	.5	.5	.4	.5	.1	.2	.2	.5	.6
220.	*	.3	.2	.5	.4	.3	.1	.0	.1	.8	.9	.4	.5	.5	.5	.1	.2	.2	.5	.6
225.	*	.2	.2	.5	.4	.3	.2	.1	.2	.6	.8	.4	.5	.5	.5	.1	.2	.2	.5	.6
230.	*	.2	.2	.5	.4	.3	.3	.1	.2	.8	.7	.5	.5	.5	.4	.1	.2	.2	.5	.8
235.	*	.2	.2	.5	.4	.3	.3	.1	.4	.7	.7	.6	.5	.5	.4	.1	.2	.2	.4	.8
240.	*	.2	.2	.5	.3	.5	.3	.1	.4	.8	.6	.6	.5	.5	.4	.1	.2	.2	.5	.6
245.	*	.2	.2	.5	.4	.5	.4	.3	.4	.7	.7	.6	.5	.4	.3	.0	.1	.2	.5	.6
250.	*	.2	.2	.6	.5	.5	.5	.3	.3	.6	.4	.6	.5	.4	.3	.0	.1	.2	.5	.6
255.	*	.2	.2	.6	.6	.6	.4	.6	.2	.5	.3	.4	.4	.4	.3	.0	.1	.1	.3	.5
260.	*	.2	.3	.7	.7	.8	.5	.6	.2	.2	.1	.3	.4	.3	.3	.0	.0	.1	.3	.4
265.	*	.2	.3	.7	.7	.8	.5	.4	.1	.1	.1	.4	.3	.3	.3	.0	.0	.0	.1	.3
270.	*	.3	.5	.8	.7	.6	.5	.6	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.2	.2
275.	*	.3	.5	.8	.7	.4	.4	.6	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
280.	*	.3	.5	.8	.6	.4	.5	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
285.	*	.3	.6	.9	.6	.4	.5	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0
290.	*	.3	.6	.8	.5	.3	.6	.3	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.3	.6	.7	.4	.4	.6	.2	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
300.	*	.4	.6	.6	.3	.5	.8	.4	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
305.	*	.4	.7	.6	.4	.7	.8	.4	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
310.	*	.4	.7	.7	.4	.8	.8	.4	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
315.	*	.4	.7	.5	.4	.8	.8	.4	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
320.	*	.4	.7	.5	.5	.8	.8	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
325.	*	.4	.6	.7	.5	.7	.7	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
330.	*	.4	.8	.5	.4	.7	.6	.3	.1	.1	.1	.4	.4	.4	.3	.2	.1	.0	.0	.0
335.	*	.4	.7	.4	.7	.8	.6	.3	.0	.1	.1	.4	.4	.4	.3	.2	.2	.1	.0	.0
340.	*	.4	.6	.7	.7	.8	.5	.2	.0	.1	.1	.3	.4	.3	.3	.3	.3	.1	.0	.0
345.	*	.5	.5	.6	.6	.8	.5	.2	.0	.0	.1	.2	.3	.3	.3	.5	.4	.4	.2	.1
350.	*	.4	.4	.5	.6	.7	.3	.2	.0	.0	.0	.1	.2	.2	.2	.6	.6	.4	.3	.1
355.	*	.3	.4	.4	.6	.6	.3	.1	.0	.0	.0	.1	.2	.2	.2	.7	.6	.6	.4	.1
360.	*	.2	.2	.3	.5	.6	.2	.1	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2
MAX	*	.5	.8	.9	.7	.8	.8	.6	.4	.8	1.3	.9	.5	.5	.5	.9	.8	.8	.6	.8
DEGR	*	345	330	285	260	320	300	255	235	230	200	130	215	220	190	150	120	105	100	135

JOB: S17 NB15 AM 355/27

RUN: NB15AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.1	.8	.8	.8	.5	.5	.6
5.	*	.1	.8	.8	.9	.6	.5	.4
10.	*	.1	.8	.8	.9	.6	.3	.6
15.	*	.1	.8	.9	1.0	.5	.5	.5
20.	*	.1	.8	.9	1.0	.4	.5	.5
25.	*	.1	.8	.9	1.0	.3	.5	.6
30.	*	.1	.8	.9	.9	.3	.8	.6

S17NB15A.OUT

```

35. * .1 .8 1.0 .9 .3 .8 .6 .4
40. * .1 .7 .9 .8 .3 .7 .6 .4
45. * .1 .6 .9 .8 .5 .6 .4 .4
50. * .1 .7 1.0 .7 .6 .5 .4 .3
55. * .0 .7 .9 .6 .6 .4 .4 .3
60. * .0 .6 .8 .6 .5 .5 .4 .3
65. * .1 .7 .7 .6 .4 .5 .4 .3
70. * .1 .6 .6 .6 .4 .5 .3 .3
75. * .3 .4 .6 .4 .3 .5 .3 .3
80. * .4 .3 .4 .3 .3 .5 .3 .3
85. * .4 .1 .3 .1 .3 .5 .3 .3
90. * .4 .1 .2 .2 .3 .4 .3 .3
95. * .4 .0 .1 .2 .3 .4 .3 .3
100. * .6 .0 .1 .2 .3 .4 .3 .3
105. * .6 .0 .1 .2 .3 .4 .3 .3
110. * .6 .0 .1 .2 .3 .4 .3 .3
115. * .6 .0 .1 .1 .3 .4 .3 .3
120. * .6 .0 .1 .1 .3 .4 .4 .4
125. * .6 .0 .1 .1 .4 .4 .4 .4
130. * .6 .0 .1 .1 .4 .4 .4 .4
135. * .6 .0 .1 .1 .3 .4 .4 .4
140. * .6 .0 .1 .1 .3 .4 .4 .4
145. * .6 .0 .1 .1 .3 .4 .4 .4
150. * .6 .0 .0 .1 .3 .4 .5 .3
155. * .6 .0 .0 .1 .3 .5 .5 .3
160. * .6 .0 .0 .0 .1 .5 .5 .3
165. * .6 .0 .0 .0 .1 .3 .3 .3
170. * .6 .0 .0 .0 .1 .3 .3 .3
175. * .6 .0 .0 .0 .1 .2 .2 .2
180. * .6 .0 .0 .0 .0 .2 .2 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .1 .1 .1
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .5 .0 .0 .0 .0 .0 .0 .0
205. * .5 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 NB15 AM 355/27

RUN: NB15AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .5 .0 .0 .0 .0 .0 .0 .0
215. * .5 .0 .0 .0 .0 .0 .0 .0
220. * .5 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .6 .0 .0 .0 .0 .0 .0 .0
235. * .7 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .2 .1 .1 .0 .0 .0
250. * .6 .2 .4 .3 .2 .0 .0 .0
255. * .5 .3 .6 .5 .3 .1 .0 .0
260. * .4 .4 .7 .7 .5 .1 .1 .0
265. * .2 .5 .9 .8 .6 .2 .1 .0
270. * .1 .6 .9 .9 .7 .3 .2 .0
275. * .0 .6 .9 .9 .7 .3 .2 .1
280. * .0 .7 .9 .9 .7 .3 .2 .1
285. * .0 .7 1.0 .9 .8 .3 .2 .1
290. * .0 .7 .9 .9 .6 .3 .2 .1
295. * .0 .6 .9 .9 .6 .3 .2 .1
300. * .0 .6 .9 .8 .6 .3 .2 .1
305. * .0 .6 .9 .8 .6 .3 .2 .1
310. * .0 .6 .8 .8 .6 .2 .2 .1
315. * .0 .6 .8 .7 .5 .2 .2 .1
320. * .0 .6 .8 .7 .6 .2 .2 .1
325. * .0 .6 .8 .6 .6 .2 .2 .1
330. * .0 .6 .8 .6 .6 .2 .2 .2
335. * .0 .7 .8 .6 .6 .3 .2 .2
340. * .0 .7 .8 .7 .7 .3 .3 .3
345. * .0 .7 .8 .8 .7 .4 .4 .4
350. * .0 .7 .8 .8 .8 .5 .5 .4
355. * .0 .7 .8 .8 .8 .5 .5 .4
360. * .1 .8 .8 .8 .8 .5 .5 .6
-----
MAX * .7 .8 1.0 1.0 .8 .8 .6 .6
DEGR. * 235 0 35 15 0 30 10 0

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 35 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 15 DEGREES FROM REC24.

1

JOB: S17 NB15 AM 355/27

RUN: NB15AM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:43:58.83

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 345 330 285 260 320 300 255 235 230 200 130 215 220 190 150 120 105 100 135 235
-----
1 * .2 .2 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .0
2 * .1 .3 .3 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0
4 * .0 .1 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3 .2 .1 .1 .0 .0
5 * .1 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .1 .1 .4 .3 .3 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .1 .1 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .1 .0 .0

```

Page 3

10	*	.0	.0	.0	.0	.4	.4	.1	.1	S17NB15A.OUT										.6	.8	.7	.0	.0	.0	.1	.2	.2	.2	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0					
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
15	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1						
16	*	.0	.0	.3	.4	.0	.0	.2	.1	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.4						
17	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0						
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						

1

JOB: S17 NB15 AM 355/27
DATE: 12/27/2006 TIME: 21:43:58.83

RUN: NB15AM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		235	0	35	15	0	30	10	0
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.1	.0	.0	.0
5	*	.0	.1	.1	.1	.2	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.3	.3	.4
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.1	.0
11	*	.0	.0	.1	.1	.1	.0	.0	.0
12	*	.2	.1	.0	.0	.0	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0
16	*	.4	.5	.7	.6	.3	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.1	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17NB15P.DAT

S17 NB15 PM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.			
REC 2	164'	SE CORNER	242718.	559977.	5.			
REC 3	82'	SE CORNER	242705.	560056.	5.			
REC 4		SE CORNER	242710.	560141.	5.			
REC 5	82'	ES CORNER	242791.	560177.	5.			
REC 6	164'	ES CORNER	242861.	560196.	5.			
REC 7	400'	ES CORNER	243079.	560270.	5.			
REC 8	400'	EN CORNER	243069.	560438.	5.			
REC 9	164'	EN CORNER	242859.	560366.	5.			
REC 10	82'	EN CORNER	242781.	560343.	5.			
REC 11	164'	EN CORN	242683.	560328.	5.			
REC 12	82'	NE CORNER	242639.	560397.	5.			
REC 13	164'	NE CORNE	242623.	560476.	5.			
REC 14	400'	NE CORNE	242571.	560709.	5.			
REC 15	400'	NW CORNE	242451.	560682.	5.			
REC 16	164'	NW CORNE	242498.	560445.	5.			
REC 17	82'	NW CORNER	242508.	560369.	5.			
REC 18		NW CORNER	242501.	560273.	5.			
REC 19	82'	WN CORNER	242440.	560242.	5.			
REC 20	164'	WN CORNER	242361.	560225.	5.			
REC 21	400'	WN CORNE	242131.	560180.	5.			
REC 22	400'	WS CORNE	242146.	560028.	5.			
REC 23	164'	WS CORNE	242368.	560087.	5.			
REC 24	82'	WS CORNER	242440.	560097.	5.			
REC 25		SW CORNER	242526.	560096.	5.			
REC 26	82'	SW CORNER	242583.	560018.	5.			
REC 27	164'	SW CORNE	242597.	559935.	5.			
REC 28	400'	SW CORNE	242634.	559702.	5.			

NB15PM 355&27 19 1 1

1		NB 355	AG242769.559481.242638.560213.	2275 3.3	0. 68.	40.
2		NB 355Q	AG242655.560116.242689.559929.	0. 36.	3	
	150		4.0 2275 33.4 1328 2 3			
3		NB 355	AG242638.560213.242494.560946.	1325 3.3	0. 68.	40.
4		SB 355	AG242425.560931.242587.560197.	1075 3.3	0. 56.	40.
5		SB 355Q	AG242559.560323.242505.560569.	0. 26.	2	
	150		4.0 1075 33.4 1589 2 3			
6		SB 355	AG242587.560197.242700.559464.	1550 3.3	0. 56.	40.
7		WB 27	AG243303.560515.243080.560388.	625 3.3	0. 56.	40.
8		WB 27	AG243080.560388.242923.560328.	625 3.3	0. 68.	40.
9		WB 27 T	AG242923.560328.242631.560242.	625 3.3	0. 80.	40.
10		WB 27 Q	AG242688.560259.242905.560323.	0. 60.	5	
	150		4.0 625 33.4 1711 2 3			
11		WB 27	AG242631.560242.242370.560205.	1550 3.3	0. 44.	40.
12		WB 27	AG242370.560205.242048.560139.	1550 3.3	0. 44.	40.
13		WB 27	AG242048.560139.241880.560084.	1550 3.3	0. 44.	40.
14		EB 27	AG241898.560008.242044.560060.	1775 3.3	0. 68.	40.
15		EB 27	AG242044.560060.242620.560173.	1775 3.3	0. 68.	40.
16		EB 27 Q	AG242530.560155.242328.560116.	0. 36.	3	
	150		4.0 1775 33.4 1770 2 3			
17		EB 27	AG242620.560173.242887.560226.	1325 3.3	0. 68.	40.
18		EB 27	AG242887.560226.243090.560299.	1325 3.3	0. 68.	40.
19		EB 27	AG243090.560299.243332.560438.	1325 3.3	0. 68.	40.
1.0	0.4 1000. 0.0Y	5 0 72				

1

JOB: S17 NB15 PM 355/27
DATE: 12/27/2006 TIME: 21:47:21.84

RUN: NB15PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	2275.	3.3	.0 68.0		
2. 2	NB 355Q	* 242655.0	560116.0	242690.4	559921.5	*	198.	170. AG	84.	100.0	.0 36.0	.88	10.0
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	1325.	3.3	.0 68.0		
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1075.	3.3	.0 56.0		
5. 5	SB 355Q	* 242559.0	560323.0	242118.4	562330.1	*	2055.	348. AG	130.	100.0	.0 26.0	1.45	104.4
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1550.	3.3	.0 56.0		
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	625.	3.3	.0 56.0		
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	625.	3.3	.0 68.0		
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	625.	3.3	.0 80.0		
10. 10	WB 27 Q	* 242688.0	560259.0	242813.0	560295.9	*	130.	74. AG	397.	100.0	.0 60.0	1.00	6.6
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1550.	3.3	.0 44.0		
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1550.	3.3	.0 44.0		
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1550.	3.3	.0 44.0		
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1775.	3.3	.0 68.0		
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1775.	3.3	.0 68.0		
16. 16	EB 27 Q	* 242530.0	560155.0	239535.6	559576.7	*	3050.	259. AG	208.	100.0	.0 36.0	1.79	154.9
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1325.	3.3	.0 68.0		
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1325.	3.3	.0 68.0		
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1325.	3.3	.0 68.0		

1

JOB: S17 NB15 PM 355/27
DATE: 12/27/2006 TIME: 21:47:21.84

RUN: NB15PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 150	47	4.0	2275	1328	33.40	2	3
5. 5	SB 355Q	* 150	109	4.0	1075	1589	33.40	2	3
10. 10	WB 27 Q	* 150	133	4.0	625	1711	33.40	2	3
16. 16	EB 27 Q	* 150	116	4.0	1775	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 NB15 PM 355/27

RUN: NB15PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	*	.3	.3	.4	.5	.5	.1	.1	.0	.0	.0	.1	.1	.1	.7	.8	.6	.4	.2	.1
5.	*	.2	.3	.4	.6	.5	.1	.2	.0	.0	.0	.0	.1	.7	.8	.6	.5	.2	.1	
10.	*	.2	.2	.4	.6	.4	.1	.2	.0	.0	.0	.0	.0	.8	.7	.6	.5	.2	.1	
15.	*	.0	.2	.4	.6	.3	.1	.2	.0	.0	.0	.0	.0	.8	.6	.6	.5	.3	.1	

S17NB15P.OUT

20.	*	.0	.1	.3	.6	.3	.1	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.3	.1
25.	*	.0	.1	.3	.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
30.	*	.0	.0	.2	.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
35.	*	.0	.0	.2	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.1	.1
40.	*	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.1	.1
45.	*	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
50.	*	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
55.	*	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.1
60.	*	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.1	.1
65.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.2
70.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.2	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.3	.3
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.1	.0	.0	.5	.5	.5	.4	.3	.3
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0	.1	.0	.0	.5	.5	.5	.5	.4	.3
90.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0	.2	.0	.0	.5	.5	.6	.5	.4	.3
95.	*	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.3	.0	.0	.5	.5	.6	.6	.3	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.5	.5	.7	.5	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.6	.1	.0	.6	.6	.7	.5	.4	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.8	.1	.0	.6	.6	.7	.4	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.8	.2	.0	.6	.7	.7	.5	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.8	.3	.1	.6	.7	.6	.3	.6	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.8	.3	.1	.6	.7	.6	.3	.6	.6
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.8	.4	.1	.0	.7	.8	.5	.2	.7
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.9	.4	.2	.0	.8	.7	.5	.4	.8
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.9	.4	.2	.0	.8	.6	.3	.5	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.9	.4	.3	.1	.9	.7	.3	.5	.7
150.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.6	.8	.4	.3	.2	.9	.5	.4	.5	.7
155.	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.9	.8	.3	.2	.2	.8	.4	.4	.5	.8
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.1	1.0	.8	.4	.4	.2	.8	.5	.4	.5	.7
165.	*	.2	.2	.2	.1	.0	.0	.0	.0	.1	1.0	.8	.4	.4	.3	.5	.4	.4	.5	.6
170.	*	.2	.3	.4	.1	.0	.0	.0	.0	.1	1.0	.7	.3	.3	.4	.3	.5	.4	.6	.5
175.	*	.3	.3	.4	.3	.0	.0	.0	.0	.0	1.0	.7	.4	.5	.3	.4	.2	.4	.6	.5
180.	*	.3	.4	.5	.4	.1	.0	.0	.0	.0	1.1	.8	.3	.4	.3	.3	.1	.3	.4	.6
185.	*	.3	.4	.6	.4	.1	.0	.0	.0	.0	1.1	.7	.4	.4	.4	.1	.1	.3	.4	.6
190.	*	.3	.5	.6	.4	.1	.1	.0	.0	.4	1.1	.5	.4	.2	.6	.1	.1	.3	.4	.6
195.	*	.4	.5	.6	.5	.1	.1	.0	.1	.4	1.3	.4	.3	.5	.6	.1	.1	.4	.4	.6
200.	*	.4	.5	.6	.5	.2	.1	.0	.2	.5	1.4	.4	.3	.5	.6	.1	.1	.4	.4	.6
205.	*	.4	.5	.6	.5	.3	.1	.0	.2	.6	1.4	.3	.6	.5	.6	.1	.1	.4	.5	.6

JOB: S17 NB15 PM 355/27

RUN: NB15PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.4	.6	.6	.5	.3	.1	.0	.2	.7	1.3	.4	.6	.5	.6	.1	.1	.3	.5	.6
215.	*	.4	.6	.5	.5	.3	.1	.0	.1	.8	1.1	.4	.5	.4	.6	.1	.1	.3	.5	.6
220.	*	.3	.5	.5	.4	.3	.2	.0	.1	.8	1.1	.4	.7	.5	.5	.1	.2	.3	.5	.6
225.	*	.3	.5	.5	.4	.3	.2	.1	.2	.8	1.1	.5	.6	.6	.5	.1	.2	.3	.5	.6
230.	*	.3	.5	.5	.4	.2	.2	.1	.1	.8	1.0	.5	.6	.6	.5	.1	.2	.2	.5	.7
235.	*	.3	.5	.5	.4	.2	.3	.1	.2	.8	.8	.5	.5	.6	.5	.1	.2	.2	.5	.8
240.	*	.3	.5	.5	.4	.4	.2	.1	.3	.9	.7	.6	.5	.6	.5	.1	.2	.2	.6	.8
245.	*	.3	.5	.5	.5	.3	.3	.4	.7	.7	.6	.5	.6	.5	.5	.1	.2	.2	.6	.7
250.	*	.3	.5	.6	.7	.5	.4	.3	.3	.5	.6	.5	.6	.5	.5	.1	.1	.2	.5	.7
255.	*	.3	.6	.6	.7	.6	.7	.5	.3	.4	.3	.3	.6	.5	.4	.0	.1	.2	.4	.5
260.	*	.3	.6	.7	.8	.6	.7	.5	.2	.3	.2	.3	.5	.5	.4	.0	.1	.1	.3	.4
265.	*	.4	.7	.8	.8	.7	.7	.6	.1	.2	.1	.3	.5	.4	.4	.0	.0	.1	.1	.3
270.	*	.4	.7	.9	.8	.7	.6	.5	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.1	.2
275.	*	.4	.7	.9	.8	.7	.4	.5	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
280.	*	.4	.7	.9	.7	.5	.5	.4	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
285.	*	.4	.8	.9	.7	.3	.5	.3	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0
290.	*	.4	.8	.8	.6	.3	.6	.3	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.4	.8	.8	.5	.3	.6	.3	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0
300.	*	.5	.8	.7	.4	.5	.8	.3	.1	.1	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0
305.	*	.5	.8	.7	.4	.7	.8	.3	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
310.	*	.5	.8	.8	.3	.6	.8	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
315.	*	.5	.8	.7	.5	.7	.7	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
320.	*	.5	.7	.5	.5	.8	.7	.2	.1	.1	.2	.4	.5	.5	.4	.0	.0	.0	.0	.0
325.	*	.5	.6	.5	.5	.8	.6	.2	.1	.1	.2	.4	.5	.5	.4	.0	.0	.0	.0	.0
330.	*	.6	.7	.7	.6	.8	.6	.2	.0	.1	.1	.3	.5	.5	.4	.1	.1	.0	.0	.0
335.	*	.7	.6	.6	.6	.9	.5	.1	.0	.1	.1	.3	.5	.4	.4	.2	.1	.0	.0	.0
340.	*	.7	.6	.7	.5	.8	.4	.1	.0	.1	.1	.3	.4	.4	.4	.3	.3	.2	.1	.0
345.	*	.5	.6	.6	.5	.8	.2	.1	.0	.0	.1	.2	.4	.4	.4	.4	.4	.2	.1	.0
350.	*	.6	.6	.5	.6	.6	.2	.1	.0	.0	.0	.2	.2	.2	.3	.5	.5	.4	.3	.1
355.	*	.4	.3	.6	.6	.6	.1	.1	.0	.0	.0	.0	.2	.2	.2	.7	.6	.5	.4	.1
360.	*	.3	.3	.4	.5	.5	.1	.1	.0	.0	.0	.0	.1	.1	.7	.8	.6	.4	.2	.1
MAX	*	.7	.8	.9	.8	.9	.8	.6	.4	.9	1.4	.9	.7	.6	.6	.9	.8	.7	.6	.8
DEGR.	*	335	305	270	275	335	300	265	245	240	200	135	220	225	190	145	0	100	95	135

1

JOB: S17 NB15 PM 355/27

RUN: NB15PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.6	.8	.9	.8	.6	.5
5.	*	.1	.7	.8	.9	.8	.5	.5
10.	*	.1	.7	.8	.9	.6	.5	.4
15.	*	.1	.7	.9	.9	.6	.4	.5
20.	*	.1	.8	1.0	.9	.5	.4	.5
25.	*	.1	.8	1.0	.9	.2	.5	.3
30.	*	.1	.9	1.0	.9	.4	.5	.3

S17NB15P.OUT

```

35. * .1 .9 1.0 .8 .3 .7 .5 .3
40. * .1 .9 .9 .9 .4 .7 .5 .3
45. * .1 .8 .9 .9 .5 .6 .4 .3
50. * .1 .7 1.0 .7 .6 .5 .4 .3
55. * .1 .7 1.0 .8 .6 .4 .4 .3
60. * .1 .8 .9 .7 .6 .3 .4 .3
65. * .1 .8 .8 .6 .5 .3 .4 .3
70. * .1 .7 .7 .6 .4 .4 .4 .3
75. * .3 .5 .6 .5 .3 .4 .4 .3
80. * .4 .3 .6 .4 .2 .4 .4 .3
85. * .4 .2 .3 .3 .3 .4 .4 .3
90. * .6 .1 .3 .2 .3 .4 .4 .3
95. * .6 .0 .2 .2 .3 .3 .4 .3
100. * .6 .0 .1 .3 .3 .3 .4 .3
105. * .6 .0 .1 .3 .3 .4 .3 .3
110. * .6 .0 .1 .3 .3 .4 .3 .3
115. * .6 .0 .1 .3 .3 .4 .3 .3
120. * .6 .0 .1 .2 .3 .4 .3 .3
125. * .6 .0 .1 .2 .3 .4 .3 .3
130. * .6 .0 .1 .2 .3 .4 .3 .3
135. * .6 .0 .1 .2 .3 .5 .3 .3
140. * .6 .0 .0 .2 .2 .4 .4 .3
145. * .6 .0 .0 .2 .2 .4 .3 .3
150. * .6 .0 .0 .2 .2 .3 .3 .3
155. * .6 .0 .0 .0 .2 .4 .4 .3
160. * .6 .0 .0 .0 .2 .4 .4 .2
165. * .6 .0 .0 .0 .1 .3 .3 .2
170. * .6 .0 .0 .0 .1 .3 .2 .2
175. * .6 .0 .0 .0 .0 .2 .2 .1
180. * .6 .0 .0 .0 .0 .1 .1 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .0 .0 .0
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .6 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 NB15 PM 355/27

RUN: NB15PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .6 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .6 .0 .0 .0 .0 .0 .0 .0
235. * .8 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .3 .2 .1 .0 .0 .0
250. * .7 .2 .4 .4 .2 .1 .0 .0
255. * .5 .3 .6 .5 .4 .1 .1 .0
260. * .4 .6 .8 .8 .5 .2 .1 .0
265. * .2 .7 1.0 .9 .6 .3 .2 .1
270. * .2 .8 1.0 .9 .8 .3 .2 .1
275. * .0 .8 1.1 .9 .8 .4 .2 .1
280. * .0 .8 1.0 1.0 .7 .4 .2 .1
285. * .0 .7 1.0 1.0 .8 .4 .2 .1
290. * .0 .7 1.0 .9 .8 .4 .2 .1
295. * .0 .7 1.0 .9 .7 .4 .3 .1
300. * .0 .7 .9 .9 .7 .3 .3 .1
305. * .0 .6 .9 .9 .6 .3 .3 .1
310. * .0 .5 .9 .8 .5 .3 .3 .1
315. * .0 .5 .9 .8 .5 .3 .3 .1
320. * .0 .5 .9 .7 .6 .3 .3 .1
325. * .0 .5 .8 .7 .6 .3 .2 .1
330. * .0 .5 .8 .7 .6 .2 .1 .1
335. * .0 .6 .8 .7 .6 .3 .3 .2
340. * .0 .6 .8 .8 .7 .4 .4 .3
345. * .0 .6 .8 .9 .7 .4 .3 .3
350. * .0 .6 .9 .9 .7 .5 .3 .3
355. * .0 .6 .8 .9 .8 .7 .3 .4
360. * .0 .6 .8 .9 .8 .6 .5 .5
-----
MAX * .8 .9 1.1 1.0 .8 .7 .5 .6
DEGR * 235 30 275 280 0 35 0 5

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 275 DEGREES FROM REC23.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 280 DEGREES FROM REC24.

1

JOB: S17 NB15 PM 355/27

RUN: NB15PM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:47:21.84

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 305 270 275 335 300 265 245 240 200 135 220 225 190 145 0 100 95 135 235
-----
1 * .4 .3 .2 .2 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .0
2 * .1 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0
3 * .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .1 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .1 .1 .0
5 * .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .2 .2 .5 .5 .3 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

S17NB15P.OUT

10	*	.0	.0	.0	.0	.6	.5	.2	.2	.5	1.0	.8	.0	.0	.0	.1	.0	.2	.3	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.0	.1	.3	.3	.0	.0	.2	.2	.2	.0	.0	.2	.2	.1	.0	.0	.0	.2	.4	.4
17	*	.0	.0	.0	.1	.1	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 NB15 PM 355/27
DATE: 12/27/2006 TIME: 21:47:21.84

RUN: NB15PM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 235	REC22 30	REC23 275	REC24 280	REC25 0	REC26 35	REC27 0	REC28 5
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.0	.1
3	*	.0	.0	.0	.0	.1	.0	.1	.0
4	*	.0	.0	.0	.0	.1	.0	.0	.0
5	*	.0	.1	.0	.0	.2	.0	.1	.0
6	*	.0	.0	.0	.0	.0	.2	.2	.3
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.0	.1
11	*	.0	.0	.0	.0	.1	.0	.0	.0
12	*	.2	.1	.0	.1	.0	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.2	.3	.2	.1	.0	.0	.0
16	*	.4	.5	.8	.7	.2	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.1	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17B115A

S17 B115 AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				

B115AM 355&27 19 1 1

1									
1		NB 355	AG242769.559481.242638.560213.	1425	3.3	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	36.	3			
	130	46	4.0 1425 33.4 1323 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	925	3.3	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	1500	3.3	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	26.	2			
	130	84	4.0 1500 33.4 1603 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	2225	3.3	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	1325	3.3	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	1325	3.3	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	1325	3.3	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5			
	130	102	4.0 1325 33.4 1711 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	1625	3.3	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	1625	3.3	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	1625	3.3	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	1100	3.3	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	1100	3.3	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3			
	130	108	4.0 1100 33.4 1770 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	575	3.3	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	575	3.3	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	575	3.3	0.	68.	40.	
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S17 B115 AM 355/27
DATE: 12/27/2006 TIME: 21:17:46.76

RUN: B115AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1425.	3.3	.0	68.0	
2. 2	NB 355Q	242655.0	560116.0	242676.4	559998.5	*	119.	170. AG	95.	100.0	.0	36.0	.60 6.1
3. 3	NB 355	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	925.	3.3	.0	68.0	
4. 4	SB 355	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1500.	3.3	.0	56.0	
5. 5	SB 355Q	242559.0	560323.0	241918.4	563241.2	*	2988.	348. AG	116.	100.0	.0	26.0	1.52 151.8
6. 6	SB 355	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2225.	3.3	.0	56.0	
7. 7	WB 27	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1325.	3.3	.0	56.0	
8. 8	WB 27	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1325.	3.3	.0	68.0	
9. 9	WB 27 T	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1325.	3.3	.0	80.0	
10. 10	WB 27 Q	242688.0	560259.0	242852.2	560307.4	*	171.	74. AG	351.	100.0	.0	60.0	.92 8.7
11. 11	WB 27	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1625.	3.3	.0	44.0	
12. 12	WB 27	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1625.	3.3	.0	44.0	
13. 13	WB 27	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1625.	3.3	.0	44.0	
14. 14	EB 27	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1100.	3.3	.0	68.0	
15. 15	EB 27	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1100.	3.3	.0	68.0	
16. 16	EB 27 Q	242530.0	560155.0	240792.9	559819.6	*	1769.	259. AG	223.	100.0	.0	36.0	1.69 89.9
17. 17	EB 27	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	575.	3.3	.0	68.0	
18. 18	EB 27	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	575.	3.3	.0	68.0	
19. 19	EB 27	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	575.	3.3	.0	68.0	

JOB: S17 B115 AM 355/27
DATE: 12/27/2006 TIME: 21:17:46.76

RUN: B115AM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	130	46	4.0	1425	1323	33.40	2	3
5. 5	SB 355Q	130	84	4.0	1500	1603	33.40	2	3
10. 10	WB 27 Q	130	102	4.0	1325	1711	33.40	2	3
16. 16	EB 27 Q	130	108	4.0	1100	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

JOB: S17 B115 AM 355/27

RUN: B115AM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	*	.2	.3	.2	.5	.7	.4	.1	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2	.1
5.	*	.2	.2	.2	.5	.7	.3	.1	.0	.0	.0	.0	.0	.0	.7	.7	.7	.4	.3	.1
10.	*	.1	.2	.3	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.6	.7	.6	.3	.3	.1
15.	*	.1	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.6	.7	.6	.3	.2	.1

S17B115A

20.	*	.0	.2	.3	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
25.	*	.0	.1	.2	.7	.5	.1	.1	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
30.	*	.0	.1	.2	.6	.4	.1	.2	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
35.	*	.0	.0	.1	.6	.4	.1	.2	.0	.0	.0	.0	.0	.0	.6	.6	.6	.3	.2	.1
40.	*	.0	.0	.1	.5	.2	.0	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
45.	*	.0	.0	.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
50.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.1
55.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
60.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.1	.1	.1
65.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.2
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.5	.4	.2	.3	.2
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.6	.6	.3	.3	.4	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.6	.6	.3	.5	.5	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.6	.5	.4	.5	.6	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.0	.0	.6	.5	.4	.5	.5	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.0	.0	.5	.5	.5	.6	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.7	.1	.0	.5	.6	.6	.5	.3	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.7	.1	.0	.6	.6	.7	.4	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.8	.2	.0	.6	.8	.8	.3	.3	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.8	.4	.1	.6	.8	.7	.3	.3	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.8	.4	.1	.6	.8	.6	.2	.4	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7	.8	.5	.2	.7	.8	.6	.4	.6	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.2	.8	.8	.5	.4	.6	.7
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.2	.8	.7	.4	.4	.7	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.3	.1	.8	.3	.3	.7	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.8	.5	.3	.1	.8	.6	.4	.3	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.8	.4	.2	.1	.9	.4	.5	.3	.7
155.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.9	.7	.4	.2	.2	.8	.6	.4	.5	.7
160.	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.9	.7	.3	.2	.2	.6	.6	.4	.5	.7
165.	*	.1	.1	.1	.1	.0	.0	.0	.1	.2	.9	.6	.5	.2	.2	.5	.3	.4	.4	.7
170.	*	.2	.2	.2	.1	.0	.0	.0	.1	.2	.9	.7	.4	.4	.2	.4	.4	.5	.6	.5
175.	*	.2	.3	.3	.2	.0	.0	.0	.1	.3	.9	.7	.4	.4	.3	.3	.3	.5	.6	.6
180.	*	.2	.3	.3	.2	.0	.0	.0	.1	.4	.9	.6	.3	.3	.4	.3	.1	.3	.4	.6
185.	*	.3	.3	.3	.3	.1	.0	.0	.1	.5	.9	.5	.3	.2	.4	.2	.1	.2	.4	.6
190.	*	.3	.3	.4	.3	.2	.0	.0	.1	.6	1.1	.4	.2	.3	.4	.1	.1	.3	.4	.6
195.	*	.3	.3	.4	.3	.2	.0	.0	.1	.6	1.1	.4	.3	.4	.5	.1	.1	.3	.5	.6
200.	*	.3	.3	.4	.4	.2	.1	.0	.1	.8	1.2	.4	.5	.4	.5	.1	.1	.3	.5	.6
205.	*	.3	.3	.4	.4	.2	.1	.0	.1	.9	1.2	.3	.4	.4	.5	.1	.1	.3	.5	.6

JOB: S17 B115 AM 355/27

RUN: B115AM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.3	.3	.5	.4	.2	.1	.0	.1	.9	1.2	.4	.4	.4	.5	.1	.2	.3	.5	.6
215.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	1.0	.5	.5	.4	.5	.1	.2	.2	.5	.6
220.	*	.3	.3	.4	.4	.3	.1	.0	.2	1.0	1.0	.3	.5	.5	.5	.1	.2	.2	.5	.6
225.	*	.2	.2	.4	.4	.3	.1	.0	.2	.9	.9	.5	.6	.5	.4	.1	.2	.2	.5	.6
230.	*	.2	.2	.4	.3	.3	.1	.0	.2	1.0	.8	.6	.5	.5	.4	.1	.2	.2	.5	.8
235.	*	.2	.2	.4	.3	.3	.2	.0	.4	.9	.8	.6	.5	.5	.4	.1	.2	.3	.5	.8
240.	*	.2	.2	.4	.3	.4	.1	.1	.5	.9	.7	.6	.5	.5	.4	.1	.2	.2	.5	.8
245.	*	.2	.2	.4	.4	.3	.2	.2	.5	.8	.7	.6	.5	.4	.4	.1	.1	.2	.5	.7
250.	*	.2	.2	.5	.5	.4	.4	.3	.4	.6	.6	.6	.5	.4	.3	.0	.1	.2	.5	.6
255.	*	.2	.3	.5	.7	.6	.3	.4	.2	.4	.3	.4	.4	.4	.3	.0	.1	.1	.3	.5
260.	*	.3	.3	.6	.7	.7	.4	.5	.2	.2	.2	.3	.4	.3	.3	.0	.0	.1	.3	.4
265.	*	.2	.3	.7	.7	.7	.4	.4	.1	.2	.1	.4	.3	.3	.3	.0	.0	.0	.1	.3
270.	*	.3	.4	.7	.7	.5	.4	.5	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.2
275.	*	.3	.4	.7	.6	.4	.3	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
280.	*	.3	.4	.8	.5	.3	.4	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
285.	*	.3	.5	.8	.5	.3	.4	.3	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0
290.	*	.3	.5	.7	.5	.2	.5	.2	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0
295.	*	.4	.5	.7	.3	.2	.6	.2	.0	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0
300.	*	.4	.6	.6	.2	.4	.7	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
305.	*	.4	.6	.6	.3	.6	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
310.	*	.4	.6	.6	.3	.7	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
315.	*	.4	.6	.5	.3	.8	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
320.	*	.4	.6	.5	.3	.8	.8	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
325.	*	.4	.5	.6	.4	.8	.8	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
330.	*	.4	.7	.5	.3	.8	.8	.3	.1	.1	.1	.4	.4	.4	.3	.2	.0	.0	.0	.0
335.	*	.4	.7	.5	.6	.8	.8	.2	.0	.1	.1	.4	.4	.4	.3	.2	.2	.1	.0	.0
340.	*	.4	.6	.5	.6	.8	.7	.2	.0	.1	.1	.3	.4	.3	.3	.3	.3	.1	.0	.0
345.	*	.4	.6	.5	.5	.8	.7	.2	.0	.0	.1	.2	.3	.3	.3	.5	.4	.3	.2	.1
350.	*	.4	.4	.3	.4	.8	.5	.2	.0	.0	.0	.1	.2	.2	.2	.6	.6	.4	.3	.1
355.	*	.3	.3	.4	.5	.7	.5	.0	.0	.0	.0	.0	.2	.2	.2	.7	.6	.6	.3	.1
360.	*	.2	.3	.2	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2
MAX	*	.4	.7	.8	.7	.8	.8	.5	.5	1.0	1.2	.8	.6	.5	.5	.9	.8	.8	.6	.8
DEGR.	*	295	330	280	25	315	305	260	240	215	200	110	225	220	195	150	110	110	95	230

JOB: S17 B115 AM 355/27

RUN: B115AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.1	.8	.8	.8	.5	.5	.6
5.	*	.1	.8	.8	.9	.6	.5	.4
10.	*	.1	.8	.8	.9	.6	.4	.6
15.	*	.1	.8	.9	.9	.5	.5	.5
20.	*	.1	.8	.9	1.0	.4	.5	.5
25.	*	.1	.8	.9	1.0	.4	.6	.7
30.	*	.1	.8	.9	.9	.3	.7	.4

S17B115A

```

35. * .1 .8 1.0 .9 .3 .7 .6 .4
40. * .1 .7 .9 .9 .4 .7 .6 .4
45. * .1 .7 .9 .8 .4 .6 .5 .3
50. * .1 .7 1.0 .7 .5 .5 .4 .3
55. * .0 .7 .9 .7 .6 .5 .4 .3
60. * .1 .7 .9 .7 .4 .4 .3 .3
65. * .1 .7 .7 .7 .4 .4 .3 .3
70. * .2 .6 .6 .5 .3 .4 .3 .3
75. * .3 .5 .6 .4 .3 .4 .3 .3
80. * .4 .3 .5 .4 .2 .4 .3 .3
85. * .4 .1 .3 .1 .3 .4 .3 .3
90. * .6 .1 .2 .1 .3 .4 .3 .3
95. * .6 .0 .1 .2 .3 .4 .3 .3
100. * .7 .0 .1 .2 .3 .4 .3 .3
105. * .7 .0 .1 .2 .3 .4 .3 .3
110. * .6 .0 .1 .1 .3 .3 .3 .3
115. * .6 .0 .1 .1 .3 .3 .3 .3
120. * .6 .0 .1 .1 .3 .3 .4 .4
125. * .6 .0 .1 .1 .3 .4 .4 .4
130. * .6 .0 .1 .1 .3 .4 .4 .4
135. * .6 .0 .1 .1 .3 .4 .4 .4
140. * .6 .0 .1 .1 .3 .4 .4 .4
145. * .6 .0 .1 .1 .3 .4 .4 .4
150. * .6 .0 .0 .1 .3 .4 .4 .3
155. * .6 .0 .0 .1 .3 .5 .5 .3
160. * .6 .0 .0 .0 .1 .5 .5 .3
165. * .6 .0 .0 .0 .1 .4 .3 .3
170. * .6 .0 .0 .0 .1 .3 .3 .3
175. * .6 .0 .0 .0 .1 .2 .2 .2
180. * .6 .0 .0 .0 .0 .2 .2 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .1 .1 .1
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .5 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B115 AM 355/27

RUN: B115AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .5 .0 .0 .0 .0 .0 .0 .0
215. * .5 .0 .0 .0 .0 .0 .0 .0
220. * .5 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .6 .0 .0 .0 .0 .0 .0 .0
235. * .7 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .2 .1 .1 .0 .0 .0
250. * .6 .2 .4 .4 .2 .0 .0 .0
255. * .5 .3 .6 .5 .3 .1 .0 .0
260. * .4 .4 .7 .7 .5 .2 .1 .0
265. * .2 .6 .9 .8 .6 .2 .1 .0
270. * .2 .7 1.0 .9 .7 .3 .2 .1
275. * .0 .7 1.0 1.0 .7 .3 .2 .1
280. * .0 .7 1.0 .9 .8 .3 .2 .1
285. * .0 .7 1.0 .9 .8 .3 .2 .1
290. * .0 .8 .9 .9 .7 .3 .2 .1
295. * .0 .7 .9 .9 .6 .3 .2 .1
300. * .0 .7 .9 .8 .6 .3 .2 .1
305. * .0 .7 .8 .8 .6 .3 .2 .1
310. * .0 .6 .8 .8 .5 .2 .2 .1
315. * .0 .6 .8 .8 .6 .2 .2 .1
320. * .0 .6 .8 .7 .6 .2 .2 .1
325. * .0 .6 .8 .6 .6 .2 .2 .1
330. * .0 .7 .8 .6 .6 .2 .2 .2
335. * .0 .7 .8 .6 .6 .3 .2 .2
340. * .0 .7 .8 .7 .7 .3 .3 .3
345. * .0 .7 .8 .8 .7 .4 .4 .4
350. * .0 .7 .9 .8 .8 .5 .5 .4
355. * .0 .7 .8 .8 .8 .4 .5 .4
360. * .1 .8 .8 .8 .8 .5 .5 .6
-----
MAX * .7 .8 1.0 1.0 .8 .7 .7 .6
DEGR * 100 0 35 20 0 30 25 0

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 215 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 35 DEGREES FROM REC23.

1

JOB: S17 B115 AM 355/27

RUN: B115AM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:17:46.76

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 295 330 280 25 315 305 260 240 215 200 110 225 220 195 150 110 110 95 230 230
-----
1 * .2 .2 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1 .1 .1 .0
4 * .0 .1 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3 .2 .1 .1
5 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .1 .2 .4 .3 .2 .0
6 * .1 .1 .1 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .1 .1 .1 .0 .1 .1 .1 .1 .0 .0 .0 .0 .1 .1 .0

```

Page 3

1

PAGE 8

Page 4

S17B115P

S17 B115 PM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				

B115PM 355&27 19 1 1

1									
1		NB 355	AG242769.559481.242638.560213.	2325	3.3	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	36.	3			
	150	44	4.0 2325 33.4 1331 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	1275	3.3	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	1075	3.3	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	26.	2			
	150	111	4.0 1075 33.4 1594 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	1575	3.3	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	600	3.3	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	600	3.3	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	600	3.3	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5			
	150	134	4.0 600 33.4 1711 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	1725	3.3	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	1725	3.3	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	1725	3.3	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	1875	3.3	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	1875	3.3	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3			
	150	117	4.0 1875 33.4 1770 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	1300	3.3	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	1300	3.3	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	1300	3.3	0.	68.	40.	
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S17 B115 PM 355/27
DATE: 12/27/2006 TIME: 21:26:53.76

RUN: B115PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	2325.	3.3	.0	68.0	
2. 2	NB 355Q	242655.0	560116.0	242688.4	559932.5	*	186.	170. AG	79.	100.0	.0	36.0	.87 9.5
3. 3	NB 355	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	1275.	3.3	.0	68.0	
4. 4	SB 355	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1075.	3.3	.0	56.0	
5. 5	SB 355Q	242559.0	560323.0	242074.3	562530.8	*	2260.	348. AG	133.	100.0	.0	26.0	1.53 114.8
6. 6	SB 355	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1575.	3.3	.0	56.0	
7. 7	WB 27	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	600.	3.3	.0	56.0	
8. 8	WB 27	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	600.	3.3	.0	68.0	
9. 9	WB 27 T	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	600.	3.3	.0	80.0	
10. 10	WB 27 Q	242688.0	560259.0	242867.3	560311.9	*	187.	74. AG	400.	100.0	.0	60.0	1.05 9.5
11. 11	WB 27	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1725.	3.3	.0	44.0	
12. 12	WB 27	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1725.	3.3	.0	44.0	
13. 13	WB 27	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1725.	3.3	.0	44.0	
14. 14	EB 27	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1875.	3.3	.0	68.0	
15. 15	EB 27	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1875.	3.3	.0	68.0	
16. 16	EB 27 Q	242530.0	560155.0	239058.1	559484.5	*	3536.	259. AG	210.	100.0	.0	36.0	1.97 179.6
17. 17	EB 27	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1300.	3.3	.0	68.0	
18. 18	EB 27	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1300.	3.3	.0	68.0	
19. 19	EB 27	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1300.	3.3	.0	68.0	

JOB: S17 B115 PM 355/27
DATE: 12/27/2006 TIME: 21:26:53.76

RUN: B115PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	150	44	4.0	2325	1331	33.40	2	3
5. 5	SB 355Q	150	111	4.0	1075	1594	33.40	2	3
10. 10	WB 27 Q	150	134	4.0	600	1711	33.40	2	3
16. 16	EB 27 Q	150	117	4.0	1875	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

JOB: S17 B115 PM 355/27

RUN: B115PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND	* CONCENTRATION																			
ANGLE	* (PPM)																			
(DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* .3	* .3	* .4	* .5	* .7	* .4	* .1	* .0	* .0	* .0	* .0	* .1	* .1	* .1	* .7	* .8	* .6	* .4	* .2	* .1
5.	* .2	* .3	* .4	* .6	* .7	* .4	* .2	* .0	* .0	* .0	* .0	* .0	* .1	* .7	* .8	* .6	* .5	* .2	* .1	
10.	* .2	* .2	* .4	* .6	* .7	* .3	* .2	* .0	* .0	* .0	* .0	* .0	* .0	* .8	* .7	* .6	* .5	* .2	* .1	
15.	* .2	* .2	* .4	* .6	* .6	* .2	* .2	* .0	* .0	* .0	* .0	* .0	* .0	* .8	* .6	* .6	* .5	* .3		

S17B115P

20.	*	.0	.2	.4	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.3	.1
25.	*	.0	.2	.4	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.2	.1
30.	*	.0	.1	.3	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
35.	*	.0	.1	.3	.6	.3	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
40.	*	.0	.0	.1	.5	.4	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.1	.1
45.	*	.0	.0	.1	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
50.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
55.	*	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
60.	*	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.2
65.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.2
70.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.1	.0	.0	.5	.5	.5	.4	.3	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.1	.0	.0	.5	.5	.5	.4	.3	.4
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.2	.0	.0	.5	.5	.5	.5	.4	.4
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.2	.3	.0	.0	.5	.5	.6	.6	.5	.5
90.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.2	.4	.0	.0	.6	.5	.6	.6	.4	.5
95.	*	.0	.0	.0	.0	.1	.1	.0	.1	.0	.4	.6	.1	.0	.6	.5	.7	.6	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.7	.1	.0	.6	.6	.8	.5	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.8	.2	.0	.6	.6	.8	.5	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.8	.8	.3	.1	.0	.6	.7	.8	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.8	.9	.3	.1	.0	.6	.7	.8	.5	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.9	.9	.4	.1	.0	.6	.7	.6	.3	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.0	.8	.4	.2	.0	.7	.8	.6	.3	.6
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.0	.8	.4	.3	.0	.7	.8	.5	.2	.6
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.1	.8	.8	.5	.4	.7
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.1	.9	.6	.3	.5	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.9	.9	.4	.3	.1	.9	.7	.3	.5	.7
150.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.2	.9	.5	.5	.4	.7
155.	*	.1	.1	.1	.0	.0	.0	.0	.1	.2	.9	.8	.3	.3	.2	.8	.4	.4	.5	.8
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.2	1.0	.8	.4	.4	.2	.8	.5	.4	.5	.7
165.	*	.2	.2	.2	.1	.0	.0	.0	.0	.3	1.0	.8	.4	.4	.3	.6	.4	.5	.5	.6
170.	*	.3	.3	.3	.1	.0	.0	.0	.0	.4	1.0	.7	.3	.3	.4	.3	.5	.5	.4	.6
175.	*	.3	.3	.4	.3	.0	.0	.0	.0	.5	1.0	.6	.4	.5	.4	.4	.2	.4	.4	.6
180.	*	.3	.4	.5	.4	.1	.0	.0	.0	.6	1.1	.8	.3	.4	.3	.3	.1	.3	.4	.6
185.	*	.3	.4	.5	.4	.1	.0	.0	.0	.7	1.1	.6	.4	.4	.4	.1	.1	.3	.4	.6
190.	*	.4	.4	.6	.4	.1	.1	.0	.0	.9	1.1	.4	.4	.4	.2	.6	.1	.1	.3	.4
195.	*	.4	.5	.6	.4	.1	.1	.0	.1	1.1	1.2	.3	.3	.5	.6	.1	.1	.4	.4	.6
200.	*	.4	.5	.6	.5	.2	.1	.0	.1	1.2	1.4	.4	.5	.5	.6	.1	.1	.4	.5	.6
205.	*	.4	.5	.6	.5	.3	.1	.0	.2	1.2	1.4	.3	.6	.5	.6	.1	.1	.4	.5	.6

JOB: S17 B115 PM 355/27

RUN: B115PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.4	.5	.6	.5	.3	.1	.0	.1	1.3	1.3	.4	.5	.4	.6	.1	.1	.4	.5	.6
215.	*	.4	.5	.6	.5	.3	.1	.0	.1	1.3	1.1	.4	.5	.4	.5	.1	.1	.3	.5	.6
220.	*	.4	.4	.5	.4	.3	.1	.0	.2	1.2	1.1	.4	.7	.5	.5	.1	.2	.3	.5	.6
225.	*	.3	.5	.5	.4	.3	.2	.1	.2	1.2	1.1	.5	.7	.6	.5	.1	.2	.3	.5	.6
230.	*	.3	.5	.5	.4	.3	.2	.1	.2	1.1	1.0	.5	.6	.6	.5	.1	.2	.4	.5	.7
235.	*	.3	.5	.5	.4	.2	.3	.1	.3	1.1	.8	.5	.6	.6	.5	.1	.2	.3	.5	.8
240.	*	.3	.5	.5	.4	.3	.2	.1	.4	1.1	.8	.6	.5	.6	.5	.1	.2	.2	.6	.8
245.	*	.3	.5	.5	.5	.3	.3	.5	.8	.8	.6	.5	.6	.6	.5	.1	.2	.2	.6	.8
250.	*	.3	.5	.6	.7	.5	.4	.4	.6	.6	.5	.6	.6	.5	.1	.2	.2	.5	.7	.7
255.	*	.3	.6	.6	.7	.6	.7	.5	.4	.4	.3	.3	.6	.5	.4	.0	.1	.2	.4	.5
260.	*	.3	.6	.7	.8	.7	.7	.6	.2	.3	.2	.3	.5	.5	.4	.0	.1	.1	.3	.4
265.	*	.4	.7	.8	.8	.7	.7	.7	.2	.2	.1	.3	.5	.4	.4	.0	.0	.1	.1	.3
270.	*	.4	.7	.9	.9	.7	.6	.6	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.1	.2
275.	*	.4	.7	.9	.9	.7	.4	.6	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
280.	*	.4	.7	.9	.7	.6	.5	.5	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
285.	*	.4	.8	.9	.7	.3	.5	.4	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0
290.	*	.4	.8	.8	.6	.4	.6	.5	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.4	.8	.8	.5	.3	.6	.4	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0
300.	*	.5	.8	.7	.4	.4	.8	.4	.1	.1	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0
305.	*	.5	.8	.8	.4	.6	.8	.3	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0
310.	*	.5	.8	.8	.3	.6	.8	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
315.	*	.5	.8	.7	.6	.7	.8	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
320.	*	.5	.7	.5	.5	.8	.8	.2	.1	.1	.2	.4	.5	.5	.4	.0	.0	.0	.0	.0
325.	*	.5	.6	.5	.5	.8	.8	.2	.1	.1	.1	.4	.5	.5	.4	.0	.0	.0	.0	.0
330.	*	.6	.7	.6	.6	.9	.8	.2	.1	.1	.1	.3	.5	.5	.4	.1	.1	.0	.0	.0
335.	*	.7	.6	.7	.6	.8	.8	.1	.0	.1	.1	.3	.5	.4	.4	.2	.1	.1	.0	.0
340.	*	.7	.6	.6	.5	.8	.8	.1	.0	.1	.1	.3	.4	.4	.4	.3	.2	.1	.0	.0
345.	*	.5	.6	.7	.5	.8	.7	.1	.0	.0	.1	.2	.4	.4	.4	.5	.4	.2	.1	.0
350.	*	.6	.6	.6	.6	.8	.6	.1	.0	.0	.0	.2	.2	.2	.3	.5	.5	.4	.3	.1
355.	*	.4	.4	.6	.6	.7	.5	.1	.0	.0	.0	.0	.2	.2	.2	.7	.7	.5	.4	.2
360.	*	.3	.3	.4	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.8	.6	.4	.2
MAX	*	.7	.8	.9	.9	.9	.8	.7	.5	1.3	1.4	.9	.7	.6	.6	.9	.8	.8	.6	.8
DEGR.	*	335	305	270	275	330	310	265	245	210	200	135	220	225	190	140	0	100	85	155

JOB: S17 B115 PM 355/27

RUN: B115PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.6	.8	.9	.7	.6	.4
5.	*	.1	.7	.8	1.0	.8	.5	.5
10.	*	.1	.7	.8	.9	.6	.5	.4
15.	*	.1	.8	.9	.9	.6	.4	.5
20.	*	.1	.8	1.0	.9	.5	.4	.6
25.	*	.1	.8	1.0	.9	.3	.5	.6
30.	*	.1	.9	1.0	.9	.3	.5	.6

S17B115P

```

35. * .1 .9 1.0 .8 .3 .7 .6 .3
40. * .1 .9 .9 .9 .4 .7 .5 .3
45. * .1 .8 1.0 .9 .6 .6 .5 .3
50. * .1 .7 1.0 .9 .7 .5 .4 .3
55. * .1 .7 1.1 .8 .7 .5 .4 .3
60. * .1 .8 1.1 .7 .6 .4 .4 .3
65. * .1 .8 1.0 .6 .6 .4 .4 .3
70. * .2 .7 .7 .7 .4 .4 .4 .3
75. * .3 .5 .6 .5 .4 .4 .4 .3
80. * .4 .4 .6 .5 .2 .4 .4 .3
85. * .6 .2 .3 .3 .3 .4 .4 .3
90. * .7 .1 .3 .2 .3 .4 .4 .3
95. * .6 .0 .2 .2 .3 .4 .3 .3
100. * .7 .0 .1 .3 .3 .4 .3 .3
105. * .7 .0 .1 .3 .3 .4 .3 .3
110. * .7 .0 .1 .3 .3 .4 .3 .3
115. * .6 .0 .1 .2 .3 .4 .3 .3
120. * .6 .0 .1 .2 .3 .4 .3 .3
125. * .6 .0 .1 .2 .3 .4 .3 .3
130. * .6 .0 .1 .2 .3 .5 .3 .3
135. * .6 .0 .1 .2 .3 .4 .4 .3
140. * .6 .0 .1 .2 .2 .4 .4 .3
145. * .6 .0 .0 .2 .2 .4 .4 .3
150. * .6 .0 .0 .2 .2 .4 .3 .3
155. * .6 .0 .0 .0 .2 .4 .4 .3
160. * .6 .0 .0 .0 .2 .4 .4 .2
165. * .6 .0 .0 .0 .1 .3 .3 .2
170. * .6 .0 .0 .0 .1 .3 .2 .2
175. * .6 .0 .0 .0 .0 .2 .2 .1
180. * .6 .0 .0 .0 .0 .1 .1 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .0 .0 .0
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .6 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B115 PM 355/27

RUN: B115PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .7 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .8 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .3 .2 .1 .0 .0 .0
250. * .7 .2 .4 .4 .2 .1 .0 .0
255. * .6 .4 .7 .6 .4 .1 .1 .0
260. * .4 .6 .9 .8 .6 .2 .1 .0
265. * .2 .7 1.0 .9 .6 .3 .2 .1
270. * .2 .8 1.1 1.0 .8 .3 .2 .1
275. * .0 .8 1.1 1.0 .8 .4 .2 .1
280. * .0 .8 1.2 1.0 .8 .4 .2 .1
285. * .0 .8 1.1 1.0 .8 .4 .2 .1
290. * .0 .8 1.0 .9 .8 .4 .2 .1
295. * .0 .7 1.0 .9 .8 .4 .3 .1
300. * .0 .8 .9 .9 .7 .3 .3 .1
305. * .0 .8 .9 .9 .6 .3 .3 .1
310. * .0 .6 .9 .8 .6 .3 .3 .1
315. * .0 .6 .9 .8 .7 .3 .3 .1
320. * .0 .6 .9 .7 .6 .3 .3 .1
325. * .0 .5 .8 .7 .6 .3 .2 .1
330. * .0 .6 .8 .7 .6 .3 .2 .1
335. * .0 .6 .8 .8 .6 .3 .3 .2
340. * .0 .7 .8 .8 .7 .4 .4 .3
345. * .0 .7 .8 .9 .7 .4 .4 .3
350. * .0 .7 .9 .9 .7 .5 .3 .3
355. * .0 .7 .8 .9 .8 .7 .3 .4
360. * .0 .6 .8 .9 .7 .6 .4 .6
-----
MAX * .8 .9 1.2 1.0 .8 .7 .6 .6
DEGR * 235 30 280 5 5 35 20 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 210 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 280 DEGREES FROM REC23 .

1

JOB: S17 B115 PM 355/27

RUN: B115PM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:26:53.76

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 305 270 275 330 310 265 245 210 200 135 220 225 190 140 0 100 85 155 135
-----
1 * .4 .3 .2 .2 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1 .1
2 * .1 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .1 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .1 .1 .0
5 * .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .2 .2 .5 .5 .3 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .1
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

1

PAGE 8

Page 4

S17B215A

S17 B215 AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.		
REC 2	164'	SE CORNER	242718.	559977.	5.		
REC 3	82'	SE CORNER	242705.	560056.	5.		
REC 4		SE CORNER	242710.	560141.	5.		
REC 5	82'	ES CORNER	242791.	560177.	5.		
REC 6	164'	ES CORNER	242861.	560196.	5.		
REC 7	400'	ES CORNER	243079.	560270.	5.		
REC 8	400'	EN CORNER	243069.	560438.	5.		
REC 9	164'	EN CORNER	242859.	560366.	5.		
REC 10	82'	EN CORNER	242781.	560343.	5.		
REC 11	164'	EN CORN	242683.	560328.	5.		
REC 12	82'	NE CORNER	242639.	560397.	5.		
REC 13	164'	NE CORNE	242623.	560476.	5.		
REC 14	400'	NE CORNE	242571.	560709.	5.		
REC 15	400'	NW CORNE	242451.	560682.	5.		
REC 16	164'	NW CORNE	242498.	560445.	5.		
REC 17	82'	NW CORNER	242508.	560369.	5.		
REC 18		NW CORNER	242501.	560273.	5.		
REC 19	82'	WN CORNER	242440.	560242.	5.		
REC 20	164'	WN CORNER	242361.	560225.	5.		
REC 21	400'	WN CORNE	242131.	560180.	5.		
REC 22	400'	WS CORNE	242146.	560028.	5.		
REC 23	164'	WS CORNE	242368.	560087.	5.		
REC 24	82'	WS CORNER	242440.	560097.	5.		
REC 25		SW CORNER	242526.	560096.	5.		
REC 26	82'	SW CORNER	242583.	560018.	5.		
REC 27	164'	SW CORNE	242597.	559935.	5.		
REC 28	400'	SW CORNE	242634.	559702.	5.		

B215AM 355&27 19 1 1

1		NB 355	AG242769.559481.242638.560213.	1450	3.3	0. 68.	40.
2							
2		NB 355Q	AG242655.560116.242689.559929.	0. 36.	3		
	130	46	4.0 1450 33.4 1323 2 3				
1							
3		NB 355	AG242638.560213.242494.560946.	950	3.3	0. 68.	40.
1							
4		SB 355	AG242425.560931.242587.560197.	1500	3.3	0. 56.	40.
2							
5		SB 355Q	AG242559.560323.242505.560569.	0. 26.	2		
	130	84	4.0 1500 33.4 1601 2 3				
1							
6		SB 355	AG242587.560197.242700.559464.	2225	3.3	0. 56.	40.
1							
7		WB 27	AG243303.560515.243080.560388.	1325	3.3	0. 56.	40.
1							
8		WB 27	AG243080.560388.242923.560328.	1325	3.3	0. 68.	40.
1							
9		WB 27 T	AG242923.560328.242631.560242.	1325	3.3	0. 80.	40.
2							
10		WB 27 Q	AG242688.560259.242905.560323.	0. 60.	5		
	130	102	4.0 1325 33.4 1711 2 3				
1							
11		WB 27	AG242631.560242.242370.560205.	1625	3.3	0. 44.	40.
1							
12		WB 27	AG242370.560205.242048.560139.	1625	3.3	0. 44.	40.
1							
13		WB 27	AG242048.560139.241880.560084.	1625	3.3	0. 44.	40.
1							
14		EB 27	AG241898.560008.242044.560060.	1100	3.3	0. 68.	40.
1							
15		EB 27	AG242044.560060.242620.560173.	1100	3.3	0. 68.	40.
2							
16		EB 27 Q	AG242530.560155.242328.560116.	0. 36.	3		
	130	108	4.0 1100 33.4 1770 2 3				
1							
17		EB 27	AG242620.560173.242887.560226.	575	3.3	0. 68.	40.
1							
18		EB 27	AG242887.560226.243090.560299.	575	3.3	0. 68.	40.
1							
19		EB 27	AG243090.560299.243332.560438.	575	3.3	0. 68.	40.
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: S17 B215 AM 355/27
DATE: 12/27/2006 TIME: 21:31:19.16

RUN: B215AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1450.	3.3	.0	68.0	
2. 2	NB 355Q	* 242655.0	560116.0	242676.7	559996.5	*	121.	170. AG	95.	100.0	.0	36.0	.61 6.2
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	950.	3.3	.0	68.0	
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1500.	3.3	.0	56.0	
5. 5	SB 355Q	* 242559.0	560323.0	241916.2	563251.0	*	2998.	348. AG	116.	100.0	.0	26.0	1.52 152.3
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2225.	3.3	.0	56.0	
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1325.	3.3	.0	56.0	
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1325.	3.3	.0	68.0	
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1325.	3.3	.0	80.0	
10. 10	WB 27 Q	* 242688.0	560259.0	242852.2	560307.4	*	171.	74. AG	351.	100.0	.0	60.0	.92 8.7
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1625.	3.3	.0	44.0	
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1625.	3.3	.0	44.0	
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1625.	3.3	.0	44.0	
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1100.	3.3	.0	68.0	
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1100.	3.3	.0	68.0	
16. 16	EB 27 Q	* 242530.0	560155.0	240792.9	559819.6	*	1769.	259. AG	223.	100.0	.0	36.0	1.69 89.9
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	575.	3.3	.0	68.0	
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	575.	3.3	.0	68.0	
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	575.	3.3	.0	68.0	

JOB: S17 B215 AM 355/27
DATE: 12/27/2006 TIME: 21:31:19.16

RUN: B215AM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 130	46	4.0	1450	1323	33.40	2	3
5. 5	SB 355Q	* 130	84	4.0	1500	1601	33.40	2	3
10. 10	WB 27 Q	* 130	102	4.0	1325	1711	33.40	2	3
16. 16	EB 27 Q	* 130	108	4.0	1100	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

JOB: S17 B215 AM 355/27

RUN: B215AM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.3	.2	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2	.1
5.	.2	.2	.2	.5	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.4	.3	.1
10.	.1	.2	.3	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	.6	.3	.3	.1
15.	.1	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.6	.7	.6	.4	.2	.1

S17B215A

20.	*	.0	.2	.3	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.7	.6	.6	.4	.2	.1
25.	*	.0	.1	.2	.7	.5	.1	.1	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
30.	*	.0	.1	.2	.6	.4	.1	.2	.0	.0	.0	.0	.0	.0	.7	.6	.6	.3	.2	.1
35.	*	.0	.0	.1	.6	.4	.1	.2	.0	.0	.0	.0	.0	.0	.6	.6	.6	.3	.2	.1
40.	*	.0	.0	.1	.5	.2	.0	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
45.	*	.0	.0	.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	.6	.5	.2	.2	.1
50.	*	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.1
55.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
60.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.1	.1	.1
65.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.2
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.5	.4	.2	.3	.2
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.6	.6	.4	.3	.4	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.6	.6	.4	.5	.5	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.6	.5	.5	.5	.6	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.0	.0	.6	.5	.5	.5	.5	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.6	.0	.0	.5	.5	.6	.6	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.7	.1	.0	.5	.6	.6	.5	.3	.5
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.7	.1	.0	.6	.6	.7	.4	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.8	.2	.0	.6	.8	.8	.3	.3	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6	.8	.4	.1	.6	.8	.7	.3	.3	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.8	.4	.1	.6	.8	.7	.2	.4	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7	.8	.5	.2	.7	.8	.6	.4	.6	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.2	.8	.8	.5	.4	.6	.7
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.2	.8	.7	.4	.4	.7	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.5	.3	.1	.8	.7	.3	.7	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.8	.5	.3	.1	.8	.6	.4	.3	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.8	.4	.2	.1	.9	.4	.5	.3	.7
155.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.9	.7	.4	.2	.2	.8	.6	.4	.5	.7
160.	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.9	.7	.3	.3	.2	.6	.6	.4	.5	.7
165.	*	.1	.1	.1	.1	.0	.0	.0	.1	.2	.9	.6	.5	.2	.2	.5	.4	.4	.4	.7
170.	*	.2	.2	.2	.1	.0	.0	.0	.1	.2	.9	.7	.4	.4	.2	.4	.4	.5	.6	.5
175.	*	.2	.3	.3	.2	.0	.0	.0	.1	.3	.9	.7	.4	.4	.3	.3	.3	.5	.6	.6
180.	*	.2	.3	.3	.3	.0	.0	.0	.1	.4	.9	.6	.3	.3	.4	.3	.1	.3	.4	.6
185.	*	.3	.3	.3	.3	.1	.0	.0	.1	.5	.9	.6	.3	.2	.4	.2	.1	.2	.4	.6
190.	*	.3	.3	.4	.3	.2	.0	.0	.1	.6	1.1	.4	.2	.3	.5	.1	.1	.3	.4	.6
195.	*	.3	.3	.4	.3	.2	.0	.0	.1	.6	1.1	.4	.3	.4	.5	.1	.1	.3	.5	.6
200.	*	.3	.3	.4	.4	.2	.1	.0	.1	.8	1.2	.4	.5	.4	.5	.1	.1	.3	.5	.6
205.	*	.3	.3	.5	.4	.2	.1	.0	.1	.9	1.2	.3	.4	.4	.5	.1	.1	.3	.5	.6

JOB: S17 B215 AM 355/27

RUN: B215AM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.3	.3	.5	.4	.2	.1	.0	.1	.9	1.2	.4	.4	.4	.5	.1	.2	.3	.5	.6
215.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	1.0	.5	.5	.4	.5	.1	.2	.2	.5	.6
220.	*	.3	.3	.5	.4	.3	.1	.0	.2	1.0	1.0	.3	.5	.5	.5	.1	.2	.2	.5	.6
225.	*	.3	.2	.4	.4	.3	.1	.0	.2	.9	.9	.5	.6	.5	.4	.1	.2	.2	.5	.6
230.	*	.2	.2	.4	.3	.3	.1	.0	.2	1.0	.8	.6	.5	.5	.4	.1	.2	.2	.5	.8
235.	*	.2	.2	.4	.3	.3	.2	.0	.4	.9	.8	.6	.5	.5	.4	.1	.2	.3	.5	.8
240.	*	.2	.2	.4	.3	.4	.1	.1	.5	.9	.7	.6	.5	.5	.4	.1	.2	.2	.5	.8
245.	*	.2	.2	.4	.4	.3	.2	.2	.5	.8	.7	.6	.5	.4	.4	.1	.1	.2	.5	.7
250.	*	.2	.2	.5	.5	.4	.4	.3	.4	.6	.6	.6	.5	.4	.3	.0	.1	.2	.5	.6
255.	*	.2	.3	.5	.7	.6	.3	.4	.2	.4	.3	.4	.4	.4	.3	.0	.1	.1	.3	.5
260.	*	.3	.3	.6	.7	.7	.4	.5	.2	.2	.2	.3	.4	.3	.3	.0	.0	.1	.3	.4
265.	*	.2	.3	.7	.7	.7	.4	.4	.1	.2	.1	.4	.3	.3	.3	.0	.0	.0	.1	.3
270.	*	.3	.4	.7	.7	.5	.4	.5	.0	.0	.1	.3	.3	.3	.3	.0	.0	.0	.0	.2
275.	*	.3	.4	.7	.6	.4	.3	.5	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
280.	*	.3	.5	.8	.5	.3	.4	.4	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.1
285.	*	.3	.5	.8	.5	.3	.4	.3	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0
290.	*	.3	.5	.7	.5	.2	.5	.2	.0	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0
295.	*	.4	.5	.7	.3	.2	.6	.2	.0	.1	.1	.3	.4	.3	.4	.0	.0	.0	.0	.0
300.	*	.4	.6	.7	.2	.4	.7	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
305.	*	.4	.6	.6	.3	.6	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
310.	*	.4	.6	.6	.3	.7	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
315.	*	.4	.6	.5	.3	.8	.8	.3	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
320.	*	.4	.6	.5	.4	.8	.8	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
325.	*	.4	.5	.6	.4	.8	.8	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0
330.	*	.4	.7	.5	.3	.8	.8	.3	.1	.1	.1	.4	.4	.4	.3	.2	.0	.0	.0	.0
335.	*	.4	.7	.5	.6	.8	.8	.2	.0	.1	.1	.4	.4	.4	.3	.2	.2	.1	.0	.0
340.	*	.4	.6	.5	.6	.8	.7	.2	.0	.1	.1	.3	.4	.3	.3	.3	.3	.1	.0	.0
345.	*	.4	.6	.5	.5	.8	.7	.2	.0	.0	.1	.2	.3	.3	.3	.5	.4	.3	.2	.1
350.	*	.4	.4	.4	.5	.8	.5	.2	.0	.0	.0	.1	.2	.2	.2	.6	.6	.4	.3	.1
355.	*	.3	.3	.4	.5	.7	.5	.0	.0	.0	.0	.0	.2	.2	.2	.6	.6	.3	.1	.1
360.	*	.2	.3	.2	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.6	.6	.4	.2
MAX	*	.4	.7	.8	.7	.8	.8	.5	.5	1.0	1.2	.8	.6	.5	.5	.9	.8	.8	.6	.8
DEGR.	*	295	330	280	25	315	305	260	240	215	200	110	225	220	190	150	110	110	95	230

JOB: S17 B215 AM 355/27

RUN: B215AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.1	.8	.8	.8	.5	.5	.6
5.	*	.1	.8	.8	.9	.6	.5	.4
10.	*	.1	.8	.8	.9	.6	.4	.6
15.	*	.1	.8	.9	.9	.5	.5	.5
20.	*	.1	.8	.9	1.0	.4	.5	.5
25.	*	.1	.8	.9	1.0	.4	.6	.7
30.	*	.1	.8	.9	.9	.3	.7	.4

S17B215A

```

35. * .1 .8 1.0 .9 .3 .7 .6 .4
40. * .1 .7 .9 .9 .4 .7 .6 .4
45. * .1 .7 .9 .8 .4 .6 .5 .3
50. * .1 .7 1.0 .7 .5 .5 .4 .3
55. * .0 .7 .9 .7 .6 .5 .4 .3
60. * .1 .7 .9 .7 .4 .4 .3 .3
65. * .1 .7 .7 .7 .4 .4 .3 .3
70. * .2 .6 .6 .5 .3 .4 .3 .3
75. * .3 .5 .6 .4 .3 .4 .3 .3
80. * .4 .3 .5 .4 .2 .4 .3 .3
85. * .4 .1 .3 .1 .3 .4 .3 .3
90. * .6 .1 .2 .1 .3 .4 .3 .3
95. * .6 .0 .1 .2 .3 .4 .3 .3
100. * .7 .0 .1 .2 .3 .4 .3 .3
105. * .7 .0 .1 .2 .3 .4 .3 .3
110. * .6 .0 .1 .1 .3 .3 .3 .3
115. * .6 .0 .1 .1 .3 .3 .3 .3
120. * .6 .0 .1 .1 .3 .3 .4 .4
125. * .6 .0 .1 .1 .3 .4 .4 .4
130. * .6 .0 .1 .1 .3 .4 .4 .4
135. * .6 .0 .1 .1 .3 .4 .4 .4
140. * .6 .0 .1 .1 .3 .4 .4 .4
145. * .6 .0 .1 .1 .3 .4 .4 .4
150. * .6 .0 .0 .1 .3 .4 .4 .4
155. * .6 .0 .0 .1 .3 .5 .5 .3
160. * .6 .0 .0 .0 .1 .5 .5 .3
165. * .6 .0 .0 .0 .1 .4 .3 .3
170. * .6 .0 .0 .0 .1 .3 .3 .3
175. * .6 .0 .0 .0 .1 .2 .2 .2
180. * .6 .0 .0 .0 .0 .2 .2 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .1 .1 .1
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .5 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B215 AM 355/27

RUN: B215AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .5 .0 .0 .0 .0 .0 .0 .0
215. * .5 .0 .0 .0 .0 .0 .0 .0
220. * .5 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .6 .0 .0 .0 .0 .0 .0 .0
235. * .7 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .2 .1 .1 .0 .0 .0
250. * .6 .2 .4 .4 .2 .0 .0 .0
255. * .5 .3 .6 .5 .3 .1 .0 .0
260. * .4 .4 .7 .7 .5 .2 .1 .0
265. * .2 .6 .9 .8 .6 .2 .1 .0
270. * .2 .7 1.0 .9 .7 .3 .2 .1
275. * .0 .7 1.0 1.0 .7 .3 .2 .1
280. * .0 .7 1.0 .9 .8 .3 .2 .1
285. * .0 .7 1.0 .9 .8 .3 .2 .1
290. * .0 .8 .9 .9 .7 .3 .2 .1
295. * .0 .7 .9 .9 .6 .3 .2 .1
300. * .0 .7 .9 .8 .6 .3 .2 .1
305. * .0 .7 .8 .8 .6 .3 .2 .1
310. * .0 .6 .8 .8 .5 .2 .2 .1
315. * .0 .6 .8 .8 .6 .2 .2 .1
320. * .0 .6 .8 .7 .6 .2 .2 .1
325. * .0 .6 .8 .6 .6 .2 .2 .1
330. * .0 .7 .8 .6 .6 .2 .2 .2
335. * .0 .7 .8 .6 .6 .3 .2 .2
340. * .0 .7 .8 .7 .7 .3 .3 .3
345. * .0 .7 .8 .8 .7 .4 .4 .4
350. * .0 .7 .9 .8 .8 .5 .5 .4
355. * .0 .7 .8 .8 .8 .4 .5 .4
360. * .1 .8 .8 .8 .8 .5 .5 .6
-----
MAX * .7 .8 1.0 1.0 .8 .7 .7 .6
DEGR * 100 0 35 20 0 30 25 0

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 215 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 35 DEGREES FROM REC23.

1

JOB: S17 B215 AM 355/27

RUN: B215AM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:31:19.16

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 295 330 280 25 315 305 260 240 215 200 110 225 220 190 150 110 110 95 230 230
-----
1 * .2 .2 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0
4 * .0 .1 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3 .2 .1 .1 .0 .0
5 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .1 .1 .4 .3 .2 .0 .0 .0
6 * .1 .1 .1 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .1 .1 .1 .0 .1 .1 .1 .1 .0 .0 .0 .0 .1 .1 .0 .0 .0

```

Page 3

1

PAGE 8

Page 4

S17B215P

S17 B215 PM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				

B215PM 355&27 19 1 1

1									
1		NB 355	AG242769.559481.242638.560213.	2350	3.3	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	36.	3			
	150	44	4.0 2350 33.4 1330 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	1300	3.3	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	1075	3.3	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	26.	2			
	150	110	4.0 1075 33.4 1591 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	1575	3.3	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	600	3.3	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	600	3.3	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	600	3.3	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5			
	150	134	4.0 600 33.4 1711 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	1725	3.3	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	1725	3.3	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	1725	3.3	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	1875	3.3	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	1875	3.3	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	36.	3			
	150	118	4.0 1875 33.4 1770 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	1300	3.3	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	1300	3.3	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	1300	3.3	0.	68.	40.	
1.0	0.4	1000. 0.0Y	5 0 72						

1

JOB: S17 B215 PM 355/27
DATE: 12/27/2006 TIME: 21:34:35.02

RUN: B215PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
1. 1	NB 355	*	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	2350.	3.3	.0	68.0		
2. 2	NB 355Q	*	242655.0	560116.0	242689.2	559927.7	*	191.	170. AG	79.	100.0	.0	36.0	.88	9.7
3. 3	NB 355	*	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	1300.	3.3	.0	68.0		
4. 4	SB 355	*	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1075.	3.3	.0	56.0		
5. 5	SB 355Q	*	242559.0	560323.0	242096.4	562430.4	*	2158.	348. AG	131.	100.0	.0	26.0	1.49	109.6
6. 6	SB 355	*	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1575.	3.3	.0	56.0		
7. 7	WB 27	*	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	600.	3.3	.0	56.0		
8. 8	WB 27	*	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	600.	3.3	.0	68.0		
9. 9	WB 27 T	*	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	600.	3.3	.0	80.0		
10. 10	WB 27 Q	*	242688.0	560259.0	242867.3	560311.9	*	187.	74. AG	400.	100.0	.0	60.0	1.05	9.5
11. 11	WB 27	*	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1725.	3.3	.0	44.0		
12. 12	WB 27	*	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1725.	3.3	.0	44.0		
13. 13	WB 27	*	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1725.	3.3	.0	44.0		
14. 14	EB 27	*	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1875.	3.3	.0	68.0		
15. 15	EB 27	*	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1875.	3.3	.0	68.0		
16. 16	EB 27 Q	*	242530.0	560155.0	238936.3	559461.0	*	3660.	259. AG	211.	100.0	.0	36.0	2.04	185.9
17. 17	EB 27	*	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1300.	3.3	.0	68.0		
18. 18	EB 27	*	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1300.	3.3	.0	68.0		
19. 19	EB 27	*	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1300.	3.3	.0	68.0		

1

JOB: S17 B215 PM 355/27
DATE: 12/27/2006 TIME: 21:34:35.02

RUN: B215PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION			*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2		NB 355Q	*	150	44	4.0	2350	1330	33.40	2	3
5. 5		SB 355Q	*	150	110	4.0	1075	1591	33.40	2	3
10. 10		WB 27 Q	*	150	134	4.0	600	1711	33.40	2	3
16. 16		EB 27 Q	*	150	118	4.0	1875	1770	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 B215 PM 355/27

RUN: B215PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0. *	.3	.3	.4	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.8	.6	.4	.2	.1
5. *	.2	.3	.4	.6	.7	.4	.2	.0	.0	.0	.0	.0	.1	.7	.8	.6	.5	.2	.1	
10. *	.2	.2	.4	.6	.7	.3	.2	.0	.0	.0	.0	.0	.0	.8	.7	.6	.5	.2	.1	
15. *	.2	.2	.4	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	.8	.6	.6	.5	.3	.1	

S17B215P

20.	*	.0	.2	.4	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.3	.1
25.	*	.0	.2	.4	.6	.5	.3	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
30.	*	.0	.1	.3	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.1	.1
35.	*	.0	.1	.3	.6	.3	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.1	.1
40.	*	.0	.0	.1	.5	.4	.2	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.1	.1
45.	*	.0	.0	.1	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
50.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.1	.1
55.	*	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.1
60.	*	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.2
65.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.1	.2
70.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.1	.0	.0	.5	.5	.5	.4	.3	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.1	.0	.0	.5	.5	.5	.4	.3	.4
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.2	.0	.0	.5	.5	.5	.5	.4	.4
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.2	.3	.0	.0	.5	.5	.6	.6	.5	.5
90.	*	.0	.0	.0	.0	.1	.2	.0	.1	.0	.2	.4	.0	.0	.5	.5	.6	.6	.4	.5
95.	*	.0	.0	.0	.0	.1	.1	.0	.1	.0	.4	.6	.1	.0	.5	.5	.7	.6	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.7	.1	.0	.5	.6	.8	.6	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.8	.2	.0	.6	.6	.8	.5	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.8	.8	.3	.1	.6	.7	.8	.4	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.8	.9	.3	.1	.6	.7	.8	.5	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.9	.9	.4	.1	.6	.7	.6	.3	.6	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.0	.8	.4	.2	.7	.8	.6	.3	.6	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.0	.8	.4	.3	.7	.8	.5	.2	.6	.8
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.1	.8	.7	.5	.4	.7
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.1	.8	.6	.3	.5	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.9	.9	.4	.3	.1	.9	.7	.3	.5	.7
150.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.9	.9	.4	.3	.2	.9	.5	.5	.7	.6
155.	*	.1	.1	.1	.0	.0	.0	.0	.1	.2	.9	.8	.3	.3	.2	.8	.4	.4	.5	.8
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.2	1.0	.8	.4	.4	.2	.8	.5	.4	.5	.7
165.	*	.2	.2	.2	.1	.0	.0	.0	.0	.3	1.0	.8	.4	.4	.3	.6	.4	.5	.5	.6
170.	*	.3	.3	.3	.1	.0	.0	.0	.0	.4	1.0	.7	.3	.3	.4	.3	.5	.4	.6	.6
175.	*	.3	.3	.4	.3	.0	.0	.0	.0	.5	1.0	.6	.4	.5	.4	.4	.2	.4	.4	.6
180.	*	.3	.4	.5	.4	.1	.0	.0	.0	.6	1.1	.8	.3	.4	.3	.3	.1	.3	.4	.6
185.	*	.3	.5	.6	.4	.1	.0	.0	.0	.7	1.1	.6	.4	.4	.4	.1	.1	.3	.4	.6
190.	*	.4	.4	.6	.4	.1	.1	.0	.0	.9	1.1	.4	.4	.4	.2	.6	.1	.3	.4	.6
195.	*	.4	.5	.6	.4	.1	.1	.0	.1	1.1	1.2	.3	.3	.5	.6	.1	.1	.4	.4	.6
200.	*	.4	.5	.6	.5	.2	.1	.0	.1	1.2	1.4	.4	.5	.5	.6	.1	.1	.4	.5	.6
205.	*	.4	.5	.6	.5	.3	.1	.0	.2	1.2	1.4	.3	.6	.5	.6	.1	.1	.4	.5	.6

JOB: S17 B215 PM 355/27

RUN: B215PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.4	.5	.6	.5	.3	.1	.0	.1	1.3	1.3	.4	.5	.5	.6	.1	.1	.4	.5	.6	.6
215.	*	.4	.5	.6	.5	.3	.1	.0	.1	1.3	1.1	.4	.5	.4	.5	.1	.2	.3	.5	.6	.6
220.	*	.4	.5	.5	.4	.3	.1	.0	.2	1.2	1.1	.4	.7	.5	.5	.1	.2	.3	.5	.6	.6
225.	*	.3	.5	.5	.4	.3	.2	.1	.2	1.2	1.1	.5	.7	.6	.5	.1	.2	.3	.5	.6	.7
230.	*	.3	.5	.5	.4	.3	.2	.1	.2	1.1	1.0	.5	.6	.6	.5	.1	.2	.4	.5	.7	.7
235.	*	.3	.5	.5	.4	.2	.3	.1	.3	1.1	.8	.5	.6	.6	.5	.1	.2	.3	.5	.8	.8
240.	*	.3	.5	.5	.4	.3	.2	.1	.4	1.1	.8	.6	.5	.6	.5	.1	.2	.2	.6	.8	.8
245.	*	.3	.5	.5	.5	.3	.3	.5	.8	.8	.6	.5	.6	.6	.5	.1	.2	.2	.6	.8	.8
250.	*	.3	.5	.6	.7	.5	.4	.4	.6	.6	.5	.6	.6	.5	.1	.2	.2	.5	.7	.7	
255.	*	.3	.6	.6	.7	.6	.7	.5	.4	.4	.3	.4	.6	.5	.5	.0	.1	.2	.4	.5	.6
260.	*	.3	.6	.7	.8	.7	.7	.6	.2	.3	.2	.3	.5	.5	.4	.0	.1	.1	.3	.4	.4
265.	*	.4	.7	.8	.8	.7	.7	.7	.2	.2	.1	.3	.5	.4	.4	.0	.0	.1	.1	.4	.4
270.	*	.4	.7	.9	.9	.7	.6	.6	.0	.1	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2	.2
275.	*	.4	.7	.9	.9	.7	.4	.6	.0	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1	.1
280.	*	.4	.7	.9	.7	.6	.5	.5	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1	.1
285.	*	.4	.8	.9	.7	.3	.5	.4	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0
290.	*	.4	.8	.8	.6	.4	.6	.5	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0
295.	*	.4	.8	.8	.5	.3	.6	.4	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0
300.	*	.5	.8	.7	.4	.4	.8	.4	.1	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
305.	*	.5	.8	.8	.4	.6	.8	.3	.1	.1	.2	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0
310.	*	.5	.8	.8	.3	.6	.8	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
315.	*	.5	.8	.7	.6	.7	.8	.2	.1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
320.	*	.5	.7	.5	.5	.8	.8	.2	.1	.1	.2	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0
325.	*	.5	.6	.5	.5	.8	.8	.2	.1	.1	.1	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0
330.	*	.6	.7	.7	.6	.9	.8	.2	.0	.1	.1	.3	.5	.5	.4	.1	.1	.0	.0	.0	.0
335.	*	.7	.6	.7	.6	.8	.8	.1	.0	.1	.1	.3	.5	.4	.4	.2	.1	.1	.0	.0	.0
340.	*	.7	.6	.6	.5	.8	.8	.1	.0	.1	.1	.3	.4	.4	.4	.3	.2	.1	.0	.0	.0
345.	*	.5	.6	.7	.5	.8	.7	.1	.0	.0	.1	.2	.4	.4	.4	.4	.4	.2	.1	.0	.1
350.	*	.6	.6	.6	.6	.7	.6	.1	.0	.0	.0	.2	.2	.2	.3	.5	.4	.3	.1	.0	.0
355.	*	.4	.4	.6	.6	.7	.5	.1	.0	.0	.0	.0	.2	.2	.2	.7	.6	.5	.4	.2	.1
360.	*	.3	.3	.4	.5	.7	.4	.1	.0	.0	.0	.0	.1	.1	.1	.7	.8	.6	.4	.2	.1
MAX	*	.7	.8	.9	.9	.9	.8	.7	.5	1.3	1.4	.9	.7	.6	.6	.9	.8	.8	.6	.8	.9
DEGR.	*	335	305	270	275	330	310	265	245	210	200	135	220	225	190	145	0	100	85	155	135

JOB: S17 B215 PM 355/27

RUN: B215PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28	
0.	*	.0	.6	.8	.9	.7	.6	.5	.6
5.	*	.1	.7	.8	.9	.8	.5	.5	.6
10.	*	.1	.7	.8	.9	.6	.5	.4	.5
15.	*	.1	.8	1.0	.9	.6	.4	.5	.4
20.	*	.1	.8	1.0	.9	.5	.4	.6	.4
25.	*	.1	.8	1.0	.9	.3	.5	.6	.4
30.	*	.1	.9	1.0	.9	.4	.5	.6	.3

S17B215P

```

35. * .1 .9 1.0 .8 .3 .7 .6 .3
40. * .1 .9 .9 .9 .4 .7 .5 .3
45. * .1 .8 1.0 .9 .6 .6 .5 .3
50. * .1 .7 1.0 .9 .7 .5 .4 .3
55. * .1 .7 1.1 .8 .7 .5 .4 .3
60. * .1 .8 1.1 .7 .6 .4 .4 .3
65. * .1 .8 1.0 .6 .6 .4 .4 .3
70. * .2 .7 .7 .7 .4 .4 .4 .3
75. * .3 .5 .6 .5 .4 .4 .4 .3
80. * .4 .4 .6 .5 .2 .4 .4 .3
85. * .6 .2 .3 .3 .3 .4 .4 .3
90. * .7 .1 .3 .2 .3 .4 .4 .3
95. * .6 .0 .2 .2 .3 .4 .4 .3
100. * .7 .0 .1 .3 .3 .4 .3 .3
105. * .7 .0 .1 .3 .3 .4 .3 .3
110. * .7 .0 .1 .3 .3 .4 .3 .3
115. * .6 .0 .1 .2 .3 .4 .3 .3
120. * .6 .0 .1 .2 .3 .4 .3 .3
125. * .6 .0 .1 .2 .3 .4 .3 .3
130. * .6 .0 .1 .2 .3 .5 .4 .3
135. * .6 .0 .1 .2 .3 .5 .4 .3
140. * .6 .0 .1 .2 .2 .4 .4 .3
145. * .6 .0 .0 .2 .2 .4 .4 .3
150. * .6 .0 .0 .2 .2 .4 .3 .3
155. * .6 .0 .0 .0 .2 .4 .4 .3
160. * .6 .0 .0 .0 .2 .4 .4 .2
165. * .6 .0 .0 .0 .1 .3 .3 .2
170. * .6 .0 .0 .0 .1 .3 .2 .2
175. * .6 .0 .0 .0 .0 .2 .2 .1
180. * .6 .0 .0 .0 .0 .1 .1 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .0 .0 .0
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .6 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B215 PM 355/27

RUN: B215PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .7 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .8 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .3 .2 .1 .0 .0 .0
250. * .7 .2 .4 .4 .2 .1 .0 .0
255. * .6 .4 .7 .6 .4 .1 .1 .0
260. * .4 .6 .9 .8 .6 .2 .1 .0
265. * .3 .7 1.0 .9 .7 .3 .2 .1
270. * .2 .8 1.1 1.0 .8 .3 .2 .1
275. * .0 .8 1.1 1.1 .8 .4 .2 .1
280. * .0 .8 1.2 1.0 .9 .4 .2 .1
285. * .0 .8 1.1 1.0 .8 .4 .2 .1
290. * .0 .8 1.0 .9 .8 .4 .2 .1
295. * .0 .7 1.0 .9 .8 .4 .3 .1
300. * .0 .8 .9 .9 .7 .3 .3 .1
305. * .0 .8 .9 .9 .6 .3 .3 .1
310. * .0 .7 .9 .8 .6 .3 .3 .1
315. * .0 .6 .9 .8 .7 .3 .3 .1
320. * .0 .6 .9 .7 .6 .3 .3 .1
325. * .0 .5 .8 .7 .6 .3 .2 .1
330. * .0 .6 .8 .7 .6 .3 .2 .1
335. * .0 .6 .8 .8 .6 .3 .3 .2
340. * .0 .7 .8 .8 .7 .4 .4 .3
345. * .0 .7 .8 .9 .7 .4 .4 .3
350. * .0 .7 .9 .9 .7 .5 .3 .3
355. * .0 .7 .8 .9 .8 .7 .3 .4
360. * .0 .6 .8 .9 .7 .6 .5 .6
-----
MAX * .8 .9 1.2 1.1 .9 .7 .6 .6
DEGR * 235 30 280 275 280 35 20 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 210 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 280 DEGREES FROM REC23 .

1

JOB: S17 B215 PM 355/27

RUN: B215PM 355&27

PAGE 7

DATE: 12/27/2006 TIME: 21:34:35.02

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 305 270 275 330 310 265 245 210 200 135 220 225 190 145 0 100 85 155 135
-----
1 * .4 .3 .2 .2 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1 .1
2 * .1 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .1 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .1 .1 .0
5 * .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .2 .2 .5 .5 .3 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .1
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

1

PAGE 8

Page 4

S17NB30A.DAT

S17 NB30 AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.
REC 2	164'	SE CORNER	242718.	559977.	5.
REC 3	82'	SE CORNER	242705.	560056.	5.
REC 4		SE CORNER	242710.	560141.	5.
REC 5	82'	ES CORNER	242791.	560177.	5.
REC 6	164'	ES CORNER	242861.	560196.	5.
REC 7	400'	ES CORNER	243079.	560270.	5.
REC 8	400'	EN CORNER	243069.	560438.	5.
REC 9	164'	EN CORNER	242859.	560366.	5.
REC 10	82'	EN CORNER	242781.	560343.	5.
REC 11	164'	EN CORN	242683.	560328.	5.
REC 12	82'	NE CORNER	242639.	560397.	5.
REC 13	164'	NE CORNE	242623.	560476.	5.
REC 14	400'	NE CORNE	242571.	560709.	5.
REC 15	400'	NW CORNE	242451.	560682.	5.
REC 16	164'	NW CORNE	242498.	560445.	5.
REC 17	82'	NW CORNER	242508.	560369.	5.
REC 18		NW CORNER	242501.	560273.	5.
REC 19	82'	WN CORNER	242440.	560242.	5.
REC 20	164'	WN CORNER	242361.	560225.	5.
REC 21	400'	WN CORNE	242131.	560180.	5.
REC 22	400'	WS CORNE	242146.	560028.	5.
REC 23	164'	WS CORNE	242368.	560087.	5.
REC 24	82'	WS CORNER	242440.	560097.	5.
REC 25		SW CORNER	242526.	560096.	5.
REC 26	82'	SW CORNER	242583.	560018.	5.
REC 27	164'	SW CORNE	242597.	559935.	5.
REC 28	400'	SW CORNE	242634.	559702.	5.

NB30AM 355&27 19 1 1

1	NB 355	AG242769.559481.242638.560213.	1650 2.9	0. 68.	40.
2	NB 355Q	AG242655.560116.242689.559929.	0. 36.	3	
140		52 4.0 1650 29.1 1320 2 3			
3	NB 355	AG242638.560213.242494.560946.	2300 2.9	0. 68.	40.
4	SB 355	AG242425.560931.242587.560197.	1775 2.9	0. 56.	40.
5	SB 355Q	AG242559.560323.242505.560569.	0. 26.	2	
140		91 4.0 1775 29.1 1591 2 3			
6	SB 355	AG242587.560197.242700.559464.	2550 2.9	0. 56.	40.
7	WB 27	AG243303.560515.243080.560388.	1525 2.9	0. 56.	40.
8	WB 27	AG243080.560388.242923.560328.	1525 2.9	0. 68.	40.
9	WB 27 T	AG242923.560328.242631.560242.	1525 2.9	0. 80.	40.
10	WB 27 Q	AG242688.560259.242905.560323.	0. 60.	5	
140		107 4.0 1525 29.1 1711 2 3			
11	WB 27	AG242631.560242.242370.560205.	1850 2.9	0. 44.	40.
12	WB 27	AG242370.560205.242048.560139.	1850 2.9	0. 44.	40.
13	WB 27	AG242048.560139.241880.560084.	1850 2.9	0. 44.	40.
14	EB 27	AG241898.560008.242044.560060.	1250 2.9	0. 68.	40.
15	EB 27	AG242044.560060.242620.560173.	1250 2.9	0. 68.	40.
16	EB 27 Q	AG242530.560155.242328.560116.	0. 36.	3	
140		117 4.0 1250 29.1 1770 2 3			
17	EB 27	AG242620.560173.242887.560226.	625 2.9	0. 68.	40.
18	EB 27	AG242887.560226.243090.560299.	625 2.9	0. 68.	40.
19	EB 27	AG243090.560299.243332.560438.	625 2.9	0. 68.	40.
1.0	0.4 1000. 0.0Y	5 0 72			

1

JOB: S17 NB30 AM 355/27
DATE: 12/18/2006 TIME: 16:41:42.00

RUN: NB30AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB 355	*	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1650.	2.9	.0 68.0		
2. 2	NB 355Q	*	242655.0	560116.0	242683.0	559962.2	*	156.	170. AG	87.	100.0	.0 36.0	.71	7.9
3. 3	NB 355	*	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	2300.	2.9	.0 68.0		
4. 4	SB 355	*	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1775.	2.9	.0 56.0		
5. 5	SB 355Q	*	242559.0	560323.0	241593.9	564719.4	*	4501.	348. AG	101.	100.0	.0 26.0	1.82	228.7
6. 6	SB 355	*	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2550.	2.9	.0 56.0		
7. 7	WB 27	*	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1525.	2.9	.0 56.0		
8. 8	WB 27	*	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1525.	2.9	.0 68.0		
9. 9	WB 27 T	*	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1525.	2.9	.0 80.0		
10. 10	WB 27 Q	*	242688.0	560259.0	242883.7	560316.7	*	204.	74. AG	298.	100.0	.0 60.0	.93	10.4
11. 11	WB 27	*	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1850.	2.9	.0 44.0		
12. 12	WB 27	*	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1850.	2.9	.0 44.0		
13. 13	WB 27	*	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1850.	2.9	.0 44.0		
14. 14	EB 27	*	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1250.	2.9	.0 68.0		
15. 15	EB 27	*	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1250.	2.9	.0 68.0		
16. 16	EB 27 Q	*	242530.0	560155.0	240220.8	559709.0	*	2352.	259. AG	196.	100.0	.0 36.0	1.94	119.5
17. 17	EB 27	*	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	625.	2.9	.0 68.0		
18. 18	EB 27	*	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	625.	2.9	.0 68.0		
19. 19	EB 27	*	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	625.	2.9	.0 68.0		

1

JOB: S17 NB30 AM 355/27
DATE: 12/18/2006 TIME: 16:41:42.00

RUN: NB30AM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	*	140	52	4.0	1650	1320	29.10	2 3
5. 5	SB 355Q	*	140	91	4.0	1775	1591	29.10	2 3
10. 10	WB 27 Q	*	140	107	4.0	1525	1711	29.10	2 3
16. 16	EB 27 Q	*	140	117	4.0	1250	1770	29.10	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 NB30 AM 355/27

RUN: NB30AM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.3	.4	.6	.5	.0	.0	.0	.0	.0	.1	.1	.1	.6	.7	.6	.4	.2	.1
5.	*	.2	.2	.2	.4	.6	.5	.1	.0	.0	.0	.0	.1	.1	.1	.7	.7	.6	.4	.2	.1
10.	*	.1	.2	.2	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.1	.7	.6	.6	.4	.3	.1
15.	*	.1	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.1	.7	.6	.6	.4	.3	.1

S17NB30A.OUT																			
20.	*	.0	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.3
25.	*	.0	.1	.2	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.6	.6	.6	.4	.3
30.	*	.0	.1	.2	.6	.5	.2	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.4	.3
35.	*	.0	.1	.2	.6	.4	.0	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.3	.3
40.	*	.0	.0	.1	.5	.3	.0	.2	.0	.0	.0	.0	.0	.0	.6	.6	.5	.3	.3
45.	*	.0	.0	.1	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	.6	.4	.3	.3
50.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	.4	.3	.3
55.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.4	.4	.3	.3
60.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.4	.4	.2	.2
65.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.4	.4	.3	.3
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.6	.5	.4	.3	.4
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.0	.0	.6	.5	.4	.4	.5
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0	.6	.5	.4	.5	.6
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0	.6	.5	.5	.6	.7
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.0	.0	.6	.4	.5	.6	.6
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0	.6	.4	.6	.6	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.7	.1	.0	.6	.5	.6	.6	.3
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.2	.0	.6	.6	.6	.4	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.7	.2	.1	.6	.7	.7	.4	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.8	.4	.1	.6	.8	.8	.2	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.8	.4	.1	.6	.8	.7	.2	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.7	.8	.6	.4	.6
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.7	.8	.5	.4	.6
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.7	.7	.5	.4	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.8	.7	.4	.2	.7	.7	.4	.4	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.8	.7	.4	.2	.8	.6	.5	.4	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.8	.7	.4	.2	.9	.5	.5	.3	.6
155.	*	.1	.1	.0	.0	.0	.0	.0	.1	.5	.8	.6	.4	.3	.8	.7	.4	.4	.6
160.	*	.1	.1	.1	.0	.0	.0	.0	.1	.6	.8	.6	.4	.3	.7	.5	.4	.5	.6
165.	*	.1	.1	.1	.1	.0	.0	.0	.1	.6	.8	.6	.4	.3	.4	.5	.4	.4	.7
170.	*	.2	.2	.2	.1	.0	.0	.0	.1	.7	.8	.6	.5	.4	.4	.3	.4	.4	.6
175.	*	.2	.3	.3	.2	.0	.0	.0	.1	.7	.8	.6	.5	.4	.5	.3	.3	.5	.6
180.	*	.2	.3	.4	.3	.0	.0	.0	.1	.7	.8	.6	.4	.5	.5	.3	.2	.3	.6
185.	*	.3	.3	.4	.3	.1	.0	.0	.1	.8	.8	.6	.4	.4	.5	.2	.1	.2	.4
190.	*	.3	.3	.4	.3	.2	.0	.0	.1	.8	1.0	.5	.3	.5	.6	.1	.1	.2	.4
195.	*	.3	.3	.5	.3	.2	.0	.0	.1	.8	1.0	.5	.4	.5	.6	.1	.1	.2	.4
200.	*	.3	.3	.5	.4	.2	.1	.0	.1	.9	1.0	.5	.6	.6	.6	.1	.1	.3	.4
205.	*	.3	.3	.5	.4	.2	.1	.0	.1	1.0	1.0	.3	.5	.5	.6	.1	.1	.3	.4

JOB: S17 NB30 AM 355/27

RUN: NB30AM 355&27

PAGE 4

WIND ANGLE (DEGR)		CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	1.0	.3	.5	.5	.6	.1	.1	.3	.4	.6	.6
215.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	.9	.5	.5	.5	.5	.1	.1	.2	.5	.6	.6
220.	*	.3	.3	.5	.4	.3	.1	.0	.2	1.0	.8	.3	.6	.5	.5	.1	.1	.2	.5	.6	.6
225.	*	.3	.2	.4	.3	.3	.2	.0	.2	.9	.8	.4	.7	.5	.5	.1	.1	.2	.5	.6	.6
230.	*	.2	.2	.4	.3	.3	.2	.0	.3	.8	.7	.6	.6	.6	.5	.1	.2	.2	.5	.7	.7
235.	*	.2	.3	.4	.3	.3	.2	.0	.5	.8	.8	.5	.6	.6	.5	.1	.2	.3	.5	.7	.7
240.	*	.2	.3	.4	.3	.3	.1	.1	.5	.8	.8	.6	.6	.6	.5	.1	.2	.2	.5	.7	.7
245.	*	.2	.3	.4	.4	.3	.2	.2	.5	.7	.7	.6	.6	.5	.5	.1	.1	.2	.5	.6	.7
250.	*	.2	.3	.5	.5	.4	.4	.3	.4	.6	.6	.6	.6	.5	.4	.0	.1	.2	.5	.5	.6
255.	*	.2	.4	.5	.6	.6	.3	.4	.2	.5	.4	.4	.5	.5	.4	.0	.1	.1	.3	.5	.6
260.	*	.3	.5	.6	.7	.7	.4	.5	.2	.3	.2	.3	.5	.4	.4	.0	.0	.1	.3	.4	.4
265.	*	.2	.6	.6	.7	.7	.3	.4	.1	.2	.2	.3	.4	.4	.4	.0	.0	.0	.1	.3	.3
270.	*	.3	.6	.7	.7	.4	.3	.5	.0	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.2	.2
275.	*	.3	.6	.7	.6	.4	.3	.5	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
280.	*	.3	.6	.8	.5	.3	.3	.4	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
285.	*	.3	.6	.7	.5	.2	.4	.3	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
290.	*	.3	.6	.7	.5	.3	.6	.2	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0
295.	*	.4	.6	.7	.3	.3	.6	.2	.0	.2	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
300.	*	.4	.6	.7	.3	.5	.7	.3	.0	.2	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
305.	*	.4	.6	.6	.3	.7	.8	.2	.0	.2	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
310.	*	.4	.7	.6	.4	.8	.8	.2	.0	.2	.2	.4	.4	.4	.4	.5	.0	.0	.0	.0	.0
315.	*	.4	.7	.5	.3	.8	.8	.3	.0	.2	.2	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
320.	*	.4	.6	.5	.4	.9	.8	.3	.1	.2	.2	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
325.	*	.4	.5	.6	.4	.9	.8	.3	.1	.1	.2	.4	.6	.6	.6	.0	.0	.0	.0	.0	.0
330.	*	.3	.7	.6	.4	.8	.8	.3	.1	.1	.2	.5	.6	.6	.5	.2	.0	.0	.0	.0	.0
335.	*	.4	.8	.6	.6	.8	.7	.3	.0	.1	.2	.5	.6	.6	.5	.2	.2	.1	.0	.0	.0
340.	*	.4	.6	.4	.7	.8	.7	.2	.0	.1	.1	.2	.6	.5	.5	.3	.3	.2	.1	.0	.0
345.	*	.4	.7	.5	.5	.7	.7	.2	.0	.1	.1	.2	.5	.5	.5	.4	.3	.1	.1	.0	.0
350.	*	.4	.5	.4	.5	.7	.6	.1	.0	.0	.0	.2	.3	.3	.3	.6	.5	.4	.3	.1	.1
355.	*	.3	.4	.4	.6	.6	.6	.0	.0	.0	.0	.0	.3	.3	.3	.6	.7	.6	.4	.1	.1
360.	*	.2	.2	.3	.4	.6	.5	.0	.0	.0	.0	.0	.1	.1	.1	.6	.7	.6	.4	.2	.1
MAX	*	.4	.8	.8	.7	.9	.8	.5	1.0	1.0	.8	.7	.6	.6	.9	.8	.8	.6	.7	.7	.3
DEGR.	*	295	335	280	260	320	305	260	235	205	190	115	225	200	190	150	115	115	85	165	130

JOB: S17 NB30 AM 355/27

RUN: NB30AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION									
ANGLE (PPM)									
(DEGR)*		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28

0.	*	.1	.7	.7	.8	.8	.6	.6	.6
5.	*	.1	.7	.7	.9	.7	.6	.5	.6
10.	*	.1	.7	.7	1.0	.6	.4	.6	.6
15.	*	.1	.7	.8	1.0	.6	.6	.6	.5
20.	*	.1	.7	.9	1.0	.5	.5	.6	.5
25.	*	.1	.7	.9	1.0	.5	.5	.6	.5
30.	*	.1	.6	1.0	.9	.5	.6	.6	.4

S17NB30A.OUT

```

35. * .0 .6 .9 .9 .4 .7 .6 .4
40. * .0 .7 .9 .9 .5 .7 .6 .4
45. * .0 .7 .8 .9 .4 .6 .5 .3
50. * .0 .6 .9 .6 .5 .5 .4 .3
55. * .0 .6 .9 .7 .6 .5 .4 .3
60. * .1 .7 .8 .7 .4 .4 .4 .3
65. * .1 .6 .7 .6 .4 .4 .4 .3
70. * .1 .6 .6 .5 .3 .4 .4 .3
75. * .3 .5 .6 .4 .3 .4 .4 .3
80. * .4 .3 .5 .4 .2 .4 .3 .3
85. * .4 .1 .3 .1 .3 .4 .3 .3
90. * .5 .1 .2 .1 .3 .4 .3 .3
95. * .6 .0 .1 .1 .3 .4 .3 .3
100. * .6 .0 .1 .2 .3 .4 .3 .3
105. * .7 .0 .1 .2 .3 .4 .3 .3
110. * .6 .0 .1 .2 .3 .4 .3 .3
115. * .6 .0 .1 .1 .3 .4 .3 .3
120. * .6 .0 .1 .1 .3 .4 .4 .4
125. * .6 .0 .1 .1 .3 .4 .4 .4
130. * .6 .0 .1 .1 .4 .4 .4 .4
135. * .6 .0 .1 .1 .3 .4 .4 .4
140. * .6 .0 .1 .1 .3 .4 .4 .4
145. * .6 .0 .1 .1 .3 .4 .4 .4
150. * .5 .0 .0 .1 .3 .4 .4 .4
155. * .6 .0 .0 .1 .3 .5 .5 .3
160. * .6 .0 .0 .0 .1 .5 .5 .3
165. * .6 .0 .0 .0 .1 .4 .3 .3
170. * .6 .0 .0 .0 .1 .3 .3 .3
175. * .6 .0 .0 .0 .1 .2 .2 .2
180. * .6 .0 .0 .0 .0 .2 .2 .1
185. * .6 .0 .0 .0 .0 .1 .1 .1
190. * .6 .0 .0 .0 .0 .1 .1 .1
195. * .6 .0 .0 .0 .0 .0 .0 .0
200. * .6 .0 .0 .0 .0 .0 .0 .0
205. * .5 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 NB30 AM 355/27

RUN: NB30AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .5 .0 .0 .0 .0 .0 .0 .0
215. * .5 .0 .0 .0 .0 .0 .0 .0
220. * .5 .0 .0 .0 .0 .0 .0 .0
225. * .5 .0 .0 .0 .0 .0 .0 .0
230. * .5 .0 .0 .0 .0 .0 .0 .0
235. * .6 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .6 .1 .1 .1 .1 .0 .0 .0
250. * .6 .2 .4 .4 .2 .0 .0 .0
255. * .5 .3 .5 .5 .3 .1 .0 .0
260. * .4 .4 .7 .6 .5 .2 .1 .0
265. * .2 .5 .8 .7 .6 .2 .1 .0
270. * .2 .7 .9 .8 .6 .3 .2 .1
275. * .0 .7 .9 .9 .6 .3 .2 .1
280. * .0 .6 .9 .9 .7 .3 .2 .1
285. * .0 .6 .9 .8 .7 .3 .2 .1
290. * .0 .7 .8 .8 .7 .2 .2 .1
295. * .0 .7 .8 .8 .5 .2 .2 .1
300. * .0 .7 .8 .7 .5 .2 .2 .1
305. * .0 .6 .8 .7 .5 .2 .2 .1
310. * .0 .5 .7 .7 .5 .2 .2 .1
315. * .0 .5 .7 .7 .6 .2 .2 .1
320. * .0 .5 .7 .6 .6 .2 .1 .1
325. * .0 .5 .7 .6 .6 .2 .1 .1
330. * .0 .6 .7 .6 .6 .1 .2 .2
335. * .0 .6 .7 .6 .6 .3 .2 .2
340. * .0 .6 .7 .7 .7 .3 .3 .3
345. * .0 .6 .7 .8 .6 .4 .5 .4
350. * .0 .6 .8 .8 .5 .5 .4 .4
355. * .0 .6 .7 .8 .9 .5 .6 .4
360. * .1 .7 .7 .8 .8 .6 .6 .6
-----
MAX * .7 .7 1.0 1.0 .9 .7 .6 .6
DEGR * 105 0 30 10 355 35 0 0

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 205 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 190 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 30 DEGREES FROM REC23.

1

JOB: S17 NB30 AM 355/27

RUN: NB30AM 355&27

PAGE 7

DATE: 12/18/2006 TIME: 16:41:42.00

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 295 335 280 260 320 305 260 235 205 190 115 225 200 190 150 115 115 85 165 130
-----
1 * .2 .2 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .2 .3 .3 .1 .1 .1 .1 .0 .0
4 * .0 .1 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3 .2 .2 .1 .0 .0
5 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .1 .1 .4 .3 .2 .0 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .1 .1 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .1 .0 .0

```

Page 3

										S17NB30A.OUT											
10	*	.0	.0	.0	.0	.4	.4	.2	.2	.8	.7	.7	.0	.0	.0	.1	.2	.2	.3	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
16	*	.1	.0	.3	.4	.0	.0	.2	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.3	.3
17	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 NB30 AM 355/27
DATE: 12/18/2006 TIME: 16:41:42.00

RUN: NB30AM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
	*	105	0	30	10	355	35	0	0
1	*	.0	.0	.0	.0	.0	.1	.0	.1
2	*	.0	.0	.0	.0	.0	.1	.0	.0
3	*	.0	.0	.1	.1	.1	.0	.1	.0
4	*	.0	.0	.0	.1	.1	.0	.1	.0
5	*	.0	.1	.1	.1	.2	.0	.1	.1
6	*	.0	.0	.0	.0	.0	.3	.3	.4
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.0	.0
11	*	.0	.0	.1	.1	.1	.0	.0	.0
12	*	.3	.1	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.1	.1	.0	.0	.0
16	*	.3	.4	.6	.5	.3	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17 NB30 PM 355/27 60.0175.0.0000.000280.30480000 S17NB30P.DAT 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.
REC 2	164'	SE CORNER	242718.	559977.	5.
REC 3	82'	SE CORNER	242705.	560056.	5.
REC 4		SE CORNER	242710.	560141.	5.
REC 5	82'	ES CORNER	242791.	560177.	5.
REC 6	164'	ES CORNER	242861.	560196.	5.
REC 7	400'	ES CORNER	243079.	560270.	5.
REC 8	400'	EN CORNER	243069.	560438.	5.
REC 9	164'	EN CORNER	242859.	560366.	5.
REC 10	82'	EN CORNER	242781.	560343.	5.
REC 11	164'	EN CORN	242683.	560328.	5.
REC 12	82'	NE CORNER	242639.	560397.	5.
REC 13	164'	NE CORNE	242623.	560476.	5.
REC 14	400'	NE CORNE	242571.	560709.	5.
REC 15	400'	NW CORNE	242451.	560682.	5.
REC 16	164'	NW CORNE	242498.	560445.	5.
REC 17	82'	NW CORNER	242508.	560369.	5.
REC 18		NW CORNER	242501.	560273.	5.
REC 19	82'	WN CORNER	242440.	560242.	5.
REC 20	164'	WN CORNER	242361.	560225.	5.
REC 21	400'	WN CORNE	242131.	560180.	5.
REC 22	400'	WS CORNE	242146.	560028.	5.
REC 23	164'	WS CORNE	242368.	560087.	5.
REC 24	82'	WS CORNER	242440.	560097.	5.
REC 25		SW CORNER	242526.	560096.	5.
REC 26	82'	SW CORNER	242583.	560018.	5.
REC 27	164'	SW CORNE	242597.	559935.	5.
REC 28	400'	SW CORNE	242634.	559702.	5.

NB30PM 355&27 19 1 1

1	NB 355	AG242769.559481.242638.560213.	2700 2.9 0. 68. 40.
2	NB 355Q	AG242655.560116.242689.559929.	0. 36. 3
150	47	4.0 2700 29.1 1330 2 3	
3	NB 355	AG242638.560213.242494.560946.	2300 2.9 0. 68. 40.
4	SB 355	AG242425.560931.242587.560197.	1300 2.9 0. 56. 40.
5	SB 355Q	AG242559.560323.242505.560569.	0. 26. 2
150	111	4.0 1300 29.1 1588 2 3	
6	SB 355	AG242587.560197.242700.559464.	1850 2.9 0. 56. 40.
7	WB 27	AG243303.560515.243080.560388.	675 2.9 0. 56. 40.
8	WB 27	AG243080.560388.242923.560328.	675 2.9 0. 68. 40.
9	WB 27 T	AG242923.560328.242631.560242.	675 2.9 0. 80. 40.
10	WB 27 Q	AG242688.560259.242905.560323.	0. 60. 5
150	134	4.0 675 29.1 1711 2 3	
11	WB 27	AG242631.560242.242370.560205.	1950 2.9 0. 44. 40.
12	WB 27	AG242370.560205.242048.560139.	1950 2.9 0. 44. 40.
13	WB 27	AG242048.560139.241880.560084.	1950 2.9 0. 44. 40.
14	EB 27	AG241898.560008.242044.560060.	2150 2.9 0. 68. 40.
15	EB 27	AG242044.560060.242620.560173.	2150 2.9 0. 68. 40.
16	EB 27 Q	AG242530.560155.242328.560116.	0. 36. 3
150	115	4.0 2150 29.1 1770 2 3	
17	EB 27	AG242620.560173.242887.560226.	1425 2.9 0. 68. 40.
18	EB 27	AG242887.560226.243090.560299.	1425 2.9 0. 68. 40.
19	EB 27	AG243090.560299.243332.560438.	1425 2.9 0. 68. 40.
1.0	0.4 1000. 0.0Y	5 0 72	

1

JOB: S17 NB30 PM 355/27
DATE: 12/18/2006 TIME: 16:41:57.65

RUN: NB30PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	2700.	2.9	.0 68.0		
2. 2	NB 355Q	* 242655.0	560116.0	242786.5	559393.1	*	735.	170. AG	73.	100.0	.0 36.0	1.05	37.3
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	2300.	2.9	.0 68.0		
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1300.	2.9	.0 56.0		
5. 5	SB 355Q	* 242559.0	560323.0	241814.8	563713.3	*	3471.	348. AG	116.	100.0	.0 26.0	1.86	176.3
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1850.	2.9	.0 56.0		
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	675.	2.9	.0 56.0		
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	675.	2.9	.0 68.0		
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	675.	2.9	.0 80.0		
10. 10	WB 27 Q	* 242688.0	560259.0	243024.2	560358.2	*	351.	74. AG	349.	100.0	.0 60.0	1.18	17.8
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1950.	2.9	.0 44.0		
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1950.	2.9	.0 44.0		
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1950.	2.9	.0 44.0		
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	2150.	2.9	.0 68.0		
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	2150.	2.9	.0 68.0		
16. 16	EB 27 Q	* 242530.0	560155.0	238350.1	559347.8	*	4257.	259. AG	180.	100.0	.0 36.0	2.09	216.3
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1425.	2.9	.0 68.0		
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1425.	2.9	.0 68.0		
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1425.	2.9	.0 68.0		

1

JOB: S17 NB30 PM 355/27
DATE: 12/18/2006 TIME: 16:41:57.65

RUN: NB30PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 150	47	4.0	2700	1330	29.10	2	3
5. 5	SB 355Q	* 150	111	4.0	1300	1588	29.10	2	3
10. 10	WB 27 Q	* 150	134	4.0	675	1711	29.10	2	3
16. 16	EB 27 Q	* 150	115	4.0	2150	1770	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 NB30 PM 355/27

RUN: NB30PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.4	.3	.5	.5	.6	.6	.1	.0	.0	.0	.1	.1	.1	.7	.7	.6	.5	.2	.1
5.	*	.2	.3	.4	.5	.6	.6	.2	.0	.0	.0	.1	.1	.1	.8	.7	.7	.5	.2	.1
10.	*	.2	.2	.4	.5	.6	.6	.2	.0	.0	.0	.0	.0	.1	.7	.7	.5	.4	.4	.1
15.	*	.2	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.1	.7	.7	.5	.4	.3	.1

S17NB30P.OUT

20.	*	.1	.3	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.7	.5	.5	.4	.3	.2
25.	*	.1	.2	.4	.6	.6	.7	.2	.0	.0	.0	.0	.0	.0	.7	.5	.5	.4	.3	.2
30.	*	.1	.2	.4	.6	.6	.7	.2	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.3	.2
35.	*	.0	.2	.4	.6	.6	.7	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.3	.2
40.	*	.0	.1	.3	.6	.7	.6	.2	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.2	.2
45.	*	.0	.1	.2	.6	.7	.5	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.2	.2
50.	*	.0	.1	.2	.5	.6	.4	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.2	.2
55.	*	.0	.0	.1	.4	.6	.4	.3	.0	.0	.0	.0	.0	.0	.5	.5	.4	.3	.2	.2
60.	*	.0	.0	.1	.3	.4	.3	.3	.0	.0	.1	.0	.0	.0	.5	.5	.4	.3	.2	.4
65.	*	.0	.0	.0	.3	.3	.3	.2	.0	.1	.1	.1	.0	.0	.5	.5	.5	.3	.2	.3
70.	*	.0	.0	.0	.2	.3	.2	.2	.0	.1	.2	.2	.0	.0	.5	.5	.4	.4	.4	.4
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.2	.3	.3	.0	.0	.5	.5	.5	.5	.5	.4
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.3	.5	.4	.1	.0	.5	.5	.5	.6	.5	.4
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.4	.6	.6	.1	.0	.5	.5	.6	.6	.6	.4
90.	*	.0	.0	.0	.0	.1	.1	.0	.1	.6	.8	.7	.2	.0	.5	.6	.6	.6	.6	.5
95.	*	.0	.0	.0	.0	.0	.1	.0	.1	.7	.9	.8	.3	.1	.0	.5	.6	.7	.6	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.8	.3	.1	.0	.5	.7	.8	.6	.3
105.	*	.0	.0	.0	.0	.0	.0	.2	.8	1.0	.8	.4	.2	.0	.5	.7	.8	.5	.4	.6
110.	*	.0	.0	.0	.0	.0	.0	.2	.9	1.0	.8	.4	.2	.0	.5	.8	.7	.5	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.2	.9	1.0	.8	.4	.3	.0	.6	.8	.7	.4	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.8	.4	.3	.0	.6	.8	.6	.3	.5	.6
125.	*	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.7	.4	.3	.1	.7	.7	.6	.3	.6	.7
130.	*	.0	.0	.0	.0	.0	.0	.1	1.0	.9	.7	.4	.3	.1	.9	.7	.5	.4	.7	.8
135.	*	.0	.0	.0	.0	.0	.0	.1	.9	.8	.7	.4	.3	.1	.9	.6	.4	.4	.7	.9
140.	*	.0	.0	.0	.0	.0	.0	.1	.9	.8	.8	.4	.3	.2	.8	.7	.4	.5	.8	.8
145.	*	.0	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.3	.3	.8	.8	.4	.5	.8	.6
150.	*	.1	.1	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.2	.3	.8	.6	.5	.5	.5
155.	*	.1	.1	.1	.0	.0	.0	.0	.0	.8	.8	.7	.4	.3	.2	.8	.7	.5	.5	.8
160.	*	.2	.2	.2	.0	.0	.0	.0	.0	.8	.9	.7	.4	.3	.7	.6	.5	.6	.6	.5
165.	*	.3	.3	.3	.2	.0	.0	.0	.0	.8	.9	.8	.5	.4	.7	.5	.6	.6	.5	.5
170.	*	.4	.5	.5	.2	.0	.0	.0	.0	.8	.9	.8	.5	.5	.3	.4	.5	.4	.5	.5
175.	*	.5	.5	.5	.3	.0	.0	.0	.0	.8	.9	.7	.6	.6	.5	.2	.4	.4	.5	.5
180.	*	.5	.6	.6	.5	.2	.0	.0	.0	.8	1.1	.7	.5	.6	.5	.3	.1	.3	.4	.5
185.	*	.6	.7	.7	.5	.2	.0	.0	.1	.8	1.1	.6	.5	.5	.5	.1	.1	.3	.4	.5
190.	*	.7	.6	.6	.5	.2	.0	.1	1.0	1.1	.6	.4	.3	.6	.1	.1	.3	.4	.5	.5
195.	*	.7	.6	.6	.5	.2	.2	.0	.1	1.1	.2	.4	.3	.6	.7	.1	.1	.3	.4	.5
200.	*	.7	.6	.6	.5	.3	.2	.0	.3	1.3	1.4	.4	.5	.6	.7	.1	.1	.3	.4	.5
205.	*	.6	.6	.6	.5	.3	.2	.0	.4	1.3	1.3	.3	.6	.5	.7	.1	.1	.3	.4	.5

JOB: S17 NB30 PM 355/27

RUN: NB30PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.6	.6	.6	.5	.3	.2	.0	.5	1.2	1.1	.4	.6	.5	.7	.1	.1	.4	.4	.6
215.	*	.6	.6	.6	.4	.3	.2	.0	.6	1.2	1.0	.4	.6	.5	.6	.1	.1	.3	.4	.6
220.	*	.6	.6	.5	.4	.3	.2	.0	.7	1.1	1.0	.4	.6	.5	.5	.1	.1	.3	.4	.6
225.	*	.5	.5	.5	.4	.3	.2	.1	.8	1.1	1.0	.4	.8	.5	.5	.1	.1	.3	.4	.6
230.	*	.5	.5	.5	.4	.3	.2	.1	.7	1.0	.9	.5	.7	.5	.5	.1	.1	.4	.5	.7
235.	*	.5	.5	.5	.4	.3	.2	.1	.8	1.0	.8	.5	.7	.5	.5	.1	.1	.3	.5	.7
240.	*	.5	.5	.5	.4	.2	.2	.1	.8	1.0	.8	.5	.6	.6	.5	.1	.2	.2	.6	.7
245.	*	.5	.5	.5	.5	.3	.3	.3	.7	.7	.7	.6	.6	.6	.5	.1	.2	.2	.6	.7
250.	*	.5	.5	.6	.7	.5	.5	.4	.6	.5	.6	.5	.6	.5	.5	.1	.1	.2	.5	.6
255.	*	.5	.6	.6	.7	.6	.6	.5	.5	.5	.4	.3	.6	.5	.4	.0	.1	.2	.4	.5
260.	*	.6	.6	.7	.8	.6	.7	.6	.3	.4	.3	.3	.5	.5	.4	.0	.1	.1	.3	.4
265.	*	.6	.7	.8	.8	.7	.6	.7	.2	.3	.2	.4	.5	.4	.4	.0	.0	.1	.1	.3
270.	*	.6	.7	.9	.8	.6	.6	.7	.0	.1	.2	.3	.4	.4	.4	.0	.0	.0	.1	.2
275.	*	.6	.7	.9	.9	.7	.4	.7	.0	.2	.2	.2	.4	.4	.4	.0	.0	.0	.0	.1
280.	*	.6	.7	.8	.7	.6	.5	.8	.0	.2	.2	.2	.4	.4	.4	.0	.0	.0	.0	.1
285.	*	.6	.8	.8	.7	.3	.4	.8	.0	.2	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0
290.	*	.6	.8	.8	.6	.5	.6	.8	.0	.2	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.6	.8	.7	.5	.4	.7	.8	.0	.2	.2	.4	.5	.4	.5	.0	.0	.0	.0	.0
300.	*	.7	.8	.7	.4	.5	.8	.8	.1	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
305.	*	.7	.8	.8	.4	.5	.8	.7	.1	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0
310.	*	.7	.8	.7	.5	.6	.8	.7	.1	.2	.2	.4	.5	.5	.6	.0	.0	.0	.0	.0
315.	*	.7	.8	.6	.6	.7	.8	.6	.1	.2	.2	.4	.6	.6	.6	.0	.0	.0	.0	.0
320.	*	.8	.7	.5	.5	.7	.8	.6	.1	.2	.2	.5	.6	.6	.6	.0	.0	.0	.0	.0
325.	*	.8	.6	.5	.5	.8	.8	.5	.1	.1	.2	.5	.6	.6	.5	.0	.0	.0	.0	.0
330.	*	.8	.7	.7	.6	.8	.8	.5	.1	.1	.2	.5	.6	.6	.5	.1	.0	.0	.0	.0
335.	*	.9	.7	.7	.8	.8	.7	.4	.0	.1	.2	.4	.6	.5	.5	.2	.1	.1	.0	.0
340.	*	.8	.6	.6	.6	.8	.7	.2	.0	.1	.1	.3	.5	.5	.5	.3	.3	.1	.0	.0
345.	*	.7	.7	.6	.5	.7	.7	.2	.0	.1	.1	.2	.5	.5	.5	.4	.4	.3	.2	.1
350.	*	.6	.6	.6	.5	.7	.6	.1	.0	.0	.0	.2	.3	.3	.3	.5	.5	.4	.3	.1
355.	*	.5	.4	.6	.6	.6	.6	.1	.0	.0	.0	.1	.3	.3	.3	.7	.7	.6	.5	.1
360.	*	.4	.3	.5	.5	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.7	.7	.6	.5	.2
MAX	*	.9	.8	.9	.9	.8	.8	.8	1.3	1.4	.8	.8	.6	.7	.9	.8	.8	.6	.8	.9
DEGR.	*	335	300	270	275	325	300	280	225	200	200	95	225	175	195	130	145	100	80	140

JOB: S17 NB30 PM 355/27

RUN: NB30PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.1	.8	.8	.8	.6	.5	.7
5.	*	.1	.7	.8	.8	.7	.5	.6
10.	*	.1	.7	.8	.9	.6	.5	.6
15.	*	.1	.8	.9	.9	.6	.5	.6
20.	*	.1	.8	1.0	.9	.5	.4	.6
25.	*	.1	.8	1.0	.9	.4	.5	.5
30.	*	.1	.8	1.0	.9	.5	.6	.5

S17NB30P.OUT

```

35. * .1 .8 1.0 .9 .4 .7 .6 .5
40. * .1 .7 .9 .9 .5 .7 .6 .4
45. * .1 .7 .9 .9 .6 .7 .6 .4
50. * .1 .6 .9 .9 .6 .6 .5 .4
55. * .0 .7 1.1 .7 .8 .6 .5 .4
60. * .1 .7 1.0 .8 .7 .5 .4 .4
65. * .2 .7 .9 .7 .7 .5 .4 .4
70. * .2 .6 .7 .6 .5 .4 .4 .4
75. * .3 .5 .6 .6 .4 .4 .4 .4
80. * .4 .4 .6 .5 .3 .4 .4 .4
85. * .6 .2 .4 .3 .2 .4 .4 .4
90. * .6 .1 .3 .3 .3 .4 .4 .4
95. * .7 .0 .2 .2 .3 .4 .4 .4
100. * .6 .0 .1 .3 .3 .4 .4 .4
105. * .7 .0 .1 .3 .3 .4 .4 .4
110. * .7 .0 .1 .3 .3 .4 .4 .4
115. * .6 .0 .1 .3 .3 .4 .4 .4
120. * .6 .0 .2 .3 .3 .4 .4 .4
125. * .6 .0 .2 .3 .3 .5 .4 .4
130. * .6 .0 .2 .3 .3 .5 .5 .4
135. * .5 .0 .1 .3 .3 .5 .5 .4
140. * .5 .0 .1 .3 .3 .5 .5 .4
145. * .5 .0 .0 .3 .3 .5 .5 .4
150. * .5 .0 .0 .2 .3 .5 .5 .4
155. * .5 .0 .0 .0 .3 .5 .5 .4
160. * .5 .0 .0 .0 .3 .5 .5 .2
165. * .5 .0 .0 .0 .1 .4 .5 .2
170. * .5 .0 .0 .0 .1 .3 .2 .2
175. * .5 .0 .0 .0 .0 .2 .2 .1
180. * .5 .0 .0 .0 .0 .1 .1 .1
185. * .5 .0 .0 .0 .0 .1 .1 .1
190. * .5 .0 .0 .0 .0 .0 .0 .0
195. * .5 .0 .0 .0 .0 .0 .0 .0
200. * .5 .0 .0 .0 .0 .0 .0 .0
205. * .5 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 NB30 PM 355/27

RUN: NB30PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .7 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .7 .0 .0 .0 .0 .0 .0 .0
240. * .6 .0 .1 .1 .0 .0 .0 .0
245. * .6 .1 .2 .2 .1 .0 .0 .0
250. * .6 .2 .4 .4 .2 .1 .0 .0
255. * .6 .3 .6 .5 .4 .1 .1 .0
260. * .4 .5 .8 .7 .5 .2 .1 .0
265. * .2 .6 .9 .8 .6 .2 .2 .1
270. * .2 .7 1.0 .8 .7 .3 .2 .1
275. * .0 .7 1.0 .9 .7 .4 .2 .1
280. * .0 .7 1.1 1.0 .8 .3 .2 .1
285. * .0 .7 1.0 .9 .7 .3 .2 .1
290. * .0 .8 .9 .8 .7 .3 .2 .1
295. * .0 .6 .9 .8 .7 .3 .3 .1
300. * .0 .7 .8 .8 .6 .3 .3 .1
305. * .0 .7 .8 .8 .6 .3 .2 .1
310. * .0 .6 .8 .8 .6 .3 .2 .1
315. * .0 .6 .8 .8 .7 .3 .2 .1
320. * .0 .6 .8 .6 .6 .3 .2 .1
325. * .0 .5 .8 .6 .5 .3 .2 .1
330. * .0 .6 .8 .6 .5 .2 .2 .1
335. * .0 .6 .8 .7 .5 .3 .3 .2
340. * .0 .7 .8 .7 .6 .4 .4 .3
345. * .0 .7 .8 .8 .6 .5 .4 .3
350. * .0 .7 .9 .8 .7 .6 .4 .3
355. * .0 .7 .8 .8 .8 .7 .4 .4
360. * .1 .8 .8 .8 .8 .6 .5 .7
-----
MAX * .7 .8 1.1 1.0 .8 .7 .6 .7
DEGR. * 105 0 55 280 55 35 5 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 200 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 200 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 55 DEGREES FROM REC23.

1

JOB: S17 NB30 PM 355/27

RUN: NB30PM 355&27

PAGE 7

DATE: 12/18/2006 TIME: 16:41:57.65

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 300 270 275 325 300 280 225 200 200 95 225 175 195 130 145 100 80 140 135
-----
1 * .4 .3 .2 .2 .0 .0 .0 .0 .1 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .1
2 * .3 .2 .2 .0 .0 .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .0 .0 .1 .1
3 * .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .2 .2 .3 .1 .1 .1 .1 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .1 .2 .2 .1 .1 .0 .0
5 * .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .1 .0 .2 .4 .3 .2 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0 .0 .1 .0 .0 .0 .0 .1 .1
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

S17NB30P.OUT

10	*	.0	.0	.0	.0	.5	.4	.6	.7	.9	.9	.8	.0	.1	.0	.2	.1	.4	.4	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.0	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.2	.2	.2
17	*	.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 NB30 PM 355/27
DATE: 12/18/2006 TIME: 16:41:57.65

RUN: NB30PM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM)							
		ANGLE (DEGREES)							
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
	*	105	0	55	280	55	35	5	0
1	*	.0	.0	.0	.0	.1	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.1	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.1	.1
6	*	.0	.0	.0	.0	.1	.2	.2	.3
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.2	.0	.4	.3	.1	.1
11	*	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.3	.1	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.2	.3	.3	.1	.0	.0	.0
16	*	.3	.4	.5	.6	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 B130 AM 355/27
DATE: 12/22/2006 TIME: 22:24:03.36

RUN: B130AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB 355	*	242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1500.	2.9	.0 68.0		
2. 2	NB 355Q	*	242655.0	560116.0	242675.9	560001.0	*	117.	170. AG	119.	100.0	.0 48.0	.49	5.9
3. 3	NB 355	*	242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	975.	2.9	.0 68.0		
4. 4	SB 355	*	242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1575.	2.9	.0 56.0		
5. 5	SB 355Q	*	242559.0	560323.0	242360.3	561228.0	*	927.	348. AG	156.	100.0	.0 36.0	1.12	47.1
6. 6	SB 355	*	242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2375.	2.9	.0 56.0		
7. 7	WB 27	*	243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1450.	2.9	.0 56.0		
8. 8	WB 27	*	243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1450.	2.9	.0 68.0		
9. 9	WB 27 T	*	242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1450.	2.9	.0 80.0		
10. 10	WB 27 Q	*	242688.0	560259.0	242882.3	560316.3	*	203.	74. AG	302.	100.0	.0 60.0	.91	10.3
11. 11	WB 27	*	242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1725.	2.9	.0 44.0		
12. 12	WB 27	*	242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1725.	2.9	.0 44.0		
13. 13	WB 27	*	242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1725.	2.9	.0 44.0		
14. 14	EB 27	*	241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1175.	2.9	.0 68.0		
15. 15	EB 27	*	242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1175.	2.9	.0 68.0		
16. 16	EB 27 Q	*	242530.0	560155.0	241542.9	559964.4	*	1005.	259. AG	260.	100.0	.0 48.0	1.34	51.1
17. 17	EB 27	*	242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	625.	2.9	.0 68.0		
18. 18	EB 27	*	242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	625.	2.9	.0 68.0		
19. 19	EB 27	*	243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	625.	2.9	.0 68.0		

1

JOB: S17 B130 AM 355/27
DATE: 12/22/2006 TIME: 22:24:03.36

RUN: B130AM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	*	150	57	4.0	1500	1317	29.10	2 3
5. 5	SB 355Q	*	150	100	4.0	1575	1598	29.10	2 3
10. 10	WB 27 Q	*	150	116	4.0	1450	1711	29.10	2 3
16. 16	EB 27 Q	*	150	125	4.0	1175	1723	29.10	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 B130 AM 355/27

RUN: B130AM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND	ANGLE	CONCENTRATION																		
(DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.2	.4	.6	.5	.0	.0	.0	.0	.0	.0	.1	.9	.8	.7	.4	.2	.1
5.	*	.2	.2	.2	.4	.6	.5	.1	.0	.0	.0	.0	.0	.0	.9	.8	.7	.5	.3	.1
10.	*	.1	.2	.2	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.9	.9	.8	.4	.3	.1
15.	*	.1	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.8	.9	.8	.4	.3	.1

S17B130A.OUT

20.	*	.0	.2	.3	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.8	.8	.4	.3	.1
25.	*	.0	.1	.2	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.8	.7	.4	.3	.1
30.	*	.0	.1	.2	.6	.5	.2	.2	.0	.0	.0	.0	.0	.0	.8	.8	.6	.4	.3	.1
35.	*	.0	.1	.2	.6	.4	.0	.2	.0	.0	.0	.0	.0	.0	.8	.8	.6	.3	.3	.1
40.	*	.0	.0	.1	.5	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	.6	.5	.3	.3	.1
45.	*	.0	.0	.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	.5	.5	.3	.2	.1
50.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.1
55.	*	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.5	.5	.2	.2	.1
60.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
65.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.3
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.6	.5	.5	.2	.3	.2
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.7	.5	.5	.3	.4	.2
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.7	.5	.5	.4	.4	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0	.6	.5	.6	.5	.6	.3
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.0	.0	.5	.5	.6	.5	.5	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.6	.1	.0	.5	.5	.7	.5	.3	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.7	.1	.0	.6	.6	.7	.5	.3	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.2	.0	.6	.6	.7	.3	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.7	.2	.1	.6	.7	.7	.3	.2	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.8	.3	.1	.7	.7	.7	.2	.3	.7
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.8	.4	.1	.8	1.0	.6	.2	.4	.7
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.7	.4	.2	.9	1.0	.5	.2	.5	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.0	1.0	.5	.4	.7	.8
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.0	1.0	.8	.5	.8	.7
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.1	1.0	.8	.4	.8	.8
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.8	.7	.4	.2	.1	1.0	.7	.2	.4	.7
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.8	.7	.4	.2	.1	1.1	.6	.4	.4	.7
155.	*	.1	.0	.0	.0	.0	.0	.0	.1	.5	.8	.6	.3	.2	.2	.9	.7	.5	.4	.7
160.	*	.1	.1	.1	.0	.0	.0	.0	.1	.5	.8	.6	.3	.2	.2	.8	.6	.4	.4	.8
165.	*	.1	.1	.1	.0	.0	.0	.0	.1	.6	.8	.6	.3	.2	.2	.6	.4	.4	.4	.8
170.	*	.1	.1	.1	.1	.0	.0	.0	.1	.7	.8	.6	.4	.4	.3	.6	.4	.3	.4	.7
175.	*	.2	.3	.3	.1	.0	.0	.0	.1	.7	.8	.7	.4	.3	.2	.4	.4	.3	.4	.7
180.	*	.2	.3	.4	.3	.0	.0	.0	.1	.7	.8	.6	.3	.2	.3	.3	.1	.2	.4	.7
185.	*	.2	.3	.4	.3	.0	.0	.0	.1	.8	.8	.6	.3	.2	.5	.3	.1	.3	.4	.7
190.	*	.3	.3	.4	.3	.2	.0	.0	.1	.8	1.0	.5	.2	.5	.5	.1	.2	.3	.4	.6
195.	*	.3	.3	.5	.4	.2	.0	.0	.1	.8	1.0	.4	.3	.4	.5	.1	.2	.3	.4	.6
200.	*	.3	.3	.5	.4	.2	.0	.0	.1	.8	1.1	.4	.3	.4	.5	.1	.2	.3	.4	.7
205.	*	.3	.3	.5	.4	.2	.1	.0	.1	1.0	1.1	.2	.4	.4	.5	.1	.2	.3	.4	.7

JOB: S17 B130 AM 355/27

RUN: B130AM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	.9	.4	.5	.6	.5	.1	.2	.2	.6	.7	.7
215.	*	.3	.2	.5	.4	.3	.1	.0	.1	1.0	.9	.5	.5	.6	.5	.1	.2	.2	.6	.7	.7
220.	*	.2	.2	.5	.4	.3	.1	.0	.2	.9	1.0	.4	.6	.6	.5	.1	.2	.3	.6	.7	.7
225.	*	.2	.2	.5	.4	.3	.2	.0	.2	1.0	.8	.4	.5	.6	.5	.1	.2	.3	.6	.7	.7
230.	*	.2	.2	.5	.4	.3	.2	.0	.3	.9	.7	.6	.6	.6	.5	.1	.2	.3	.6	.9	.8
235.	*	.2	.2	.5	.4	.3	.2	.0	.4	.8	.7	.6	.7	.6	.5	.1	.2	.3	.5	.9	.9
240.	*	.2	.2	.5	.4	.4	.3	.1	.5	.8	.7	.6	.6	.6	.4	.0	.2	.2	.6	.8	.8
245.	*	.2	.2	.5	.4	.4	.2	.2	.6	.7	.7	.6	.6	.5	.4	.0	.1	.2	.6	.6	.7
250.	*	.2	.2	.5	.5	.5	.3	.3	.4	.6	.5	.6	.5	.5	.4	.0	.1	.1	.5	.6	.7
255.	*	.2	.2	.6	.6	.6	.3	.4	.2	.4	.3	.4	.5	.4	.4	.0	.0	.1	.3	.5	.6
260.	*	.2	.3	.7	.7	.7	.4	.5	.2	.2	.1	.4	.4	.4	.4	.0	.0	.0	.2	.4	.4
265.	*	.2	.3	.8	.8	.6	.4	.4	.1	.2	.2	.4	.4	.4	.4	.0	.0	.0	.1	.3	.3
270.	*	.2	.4	.8	.7	.5	.3	.5	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.1	.1
275.	*	.3	.4	.9	.7	.3	.3	.6	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
280.	*	.3	.6	.9	.6	.3	.3	.4	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
285.	*	.3	.6	.9	.6	.3	.4	.4	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
290.	*	.3	.6	.9	.4	.2	.5	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
295.	*	.3	.5	.7	.4	.2	.6	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
300.	*	.3	.6	.7	.2	.5	.7	.4	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
305.	*	.4	.6	.6	.3	.5	.7	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
310.	*	.4	.6	.6	.4	.6	.7	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
315.	*	.4	.6	.6	.3	.6	.7	.3	.0	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
320.	*	.4	.7	.6	.3	.7	.7	.3	.0	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0
325.	*	.4	.7	.7	.5	.7	.7	.2	.0	.1	.1	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0
330.	*	.4	.7	.6	.4	.7	.7	.2	.0	.1	.1	.4	.5	.5	.3	.1	.1	.0	.0	.0	.0
335.	*	.5	.7	.5	.6	.7	.7	.2	.0	.0	.1	.4	.4	.4	.3	.3	.2	.1	.0	.0	.0
340.	*	.4	.6	.6	.6	.7	.6	.2	.0	.0	.1	.3	.4	.3	.2	.4	.3	.3	.1	.0	.0
345.	*	.4	.5	.6	.5	.7	.6	.2	.0	.0	.0	.1	.2	.2	.2	.5	.4	.4	.2	.1	.0
350.	*	.4	.4	.3	.4	.6	.6	.0	.0	.0	.0	.1	.2	.2	.2	.7	.6	.5	.3	.1	.0
355.	*	.2	.4	.3	.4	.6	.6	.0	.0	.0	.0	.0	.1	.1	.1	.8	.7	.7	.4	.1	.1
360.	*	.2	.2	.2	.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.7	.4	.2	.1
MAX	*	.5	.7	.9	.8	.7	.7	.6	.6	1.0	1.1	.8	.7	.6	.5	1.1	1.0	.8	.6	.9	.9
DEGR	*	335	320	285	265	260	300	275	245	205	200	115	235	210	185	150	120	10	210	230	235

JOB: S17 B130 AM 355/27

RUN: B130AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.8	.9	1.0	.8	.4	.5
5.	*	.0	.8	.9	1.1	.8	.5	.6
10.	*	.0	.8	.9	1.2	.6	.4	.5
15.	*	.1	.9	1.0	1.1	.5	.4	.5
20.	*	.1	.9	1.1	1.1	.5	.5	.5
25.	*	.1	.9	1.1	1.1	.4	.7	.5
30.	*	.1	.9	1.1	1.1	.3	.7	.4

S17B130A.OUT

```

35. * .1 1.0 1.1 .9 .3 .6 .6 .4
40. * .1 1.0 1.2 .9 .4 .6 .5 .3
45. * .1 1.0 1.1 1.0 .4 .6 .5 .3
50. * .1 .8 1.2 .9 .5 .6 .4 .3
55. * .1 .8 1.2 .9 .4 .6 .4 .3
60. * .2 .9 1.0 .8 .4 .5 .3 .3
65. * .2 .8 .9 .8 .4 .5 .3 .3
70. * .1 .7 .8 .6 .3 .5 .3 .3
75. * .3 .6 .7 .5 .3 .5 .3 .3
80. * .4 .4 .6 .4 .3 .5 .3 .3
85. * .4 .2 .4 .2 .3 .5 .3 .3
90. * .5 .1 .2 .2 .3 .4 .3 .3
95. * .6 .0 .3 .2 .3 .4 .3 .3
100. * .7 .0 .1 .2 .3 .4 .3 .3
105. * .7 .0 .1 .2 .3 .4 .3 .3
110. * .7 .0 .1 .2 .3 .4 .3 .3
115. * .7 .0 .1 .1 .3 .3 .3 .3
120. * .7 .0 .1 .1 .3 .3 .3 .3
125. * .7 .0 .1 .1 .3 .3 .3 .3
130. * .7 .0 .1 .1 .3 .4 .4 .4
135. * .7 .0 .1 .1 .2 .4 .4 .4
140. * .7 .0 .1 .1 .3 .4 .4 .4
145. * .7 .0 .1 .1 .3 .4 .4 .4
150. * .7 .0 .0 .1 .3 .4 .4 .3
155. * .7 .0 .0 .1 .2 .4 .4 .3
160. * .7 .0 .0 .0 .1 .4 .4 .3
165. * .7 .0 .0 .0 .1 .3 .3 .3
170. * .7 .0 .0 .0 .1 .3 .3 .2
175. * .7 .0 .0 .0 .0 .2 .2 .2
180. * .7 .0 .0 .0 .0 .1 .2 .1
185. * .7 .0 .0 .0 .0 .1 .1 .1
190. * .7 .0 .0 .0 .0 .1 .1 .1
195. * .7 .0 .0 .0 .0 .0 .0 .0
200. * .7 .0 .0 .0 .0 .0 .0 .0
205. * .6 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B130 AM 355/27

RUN: B130AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .6 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .6 .0 .0 .0 .0 .0 .0 .0
235. * .7 .0 .0 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .2 .2 .1 .0 .0 .0
250. * .6 .2 .5 .3 .2 .0 .0 .0
255. * .4 .3 .7 .6 .3 .1 .0 .0
260. * .3 .4 .9 .8 .6 .1 .0 .0
265. * .2 .6 1.0 .9 .7 .2 .1 .0
270. * .1 .7 1.2 1.1 .8 .3 .1 .0
275. * .0 .7 1.2 1.1 .8 .3 .2 .0
280. * .0 .9 1.2 1.2 .8 .3 .2 .1
285. * .0 .8 1.2 1.1 .9 .4 .2 .1
290. * .0 .8 1.2 1.1 .9 .3 .2 .1
295. * .0 .9 1.1 1.0 .8 .3 .2 .1
300. * .0 .9 1.1 1.0 .7 .3 .2 .1
305. * .0 .8 1.0 1.0 .7 .3 .2 .1
310. * .0 .7 1.0 .9 .7 .3 .2 .1
315. * .0 .7 1.0 .9 .7 .3 .2 .1
320. * .0 .7 .9 .8 .8 .3 .2 .1
325. * .0 .7 .9 .8 .8 .2 .2 .1
330. * .0 .7 .9 .8 .8 .2 .2 .2
335. * .0 .8 .9 .8 .7 .4 .3 .2
340. * .0 .8 .9 .9 .8 .3 .3 .2
345. * .0 .8 .9 .9 .8 .4 .4 .4
350. * .0 .8 .8 1.0 .9 .6 .5 .5
355. * .0 .8 .9 1.0 .9 .5 .5 .4
360. * .0 .8 .9 1.0 .8 .4 .4 .5
-----
MAX * .7 1.0 1.2 1.2 .9 .7 .7 .6
DEGR. * 100 35 40 10 285 25 30 5

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 40 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 10 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 200 DEGREES FROM REC10.

1

JOB: S17 B130 AM 355/27

RUN: B130AM 355&27

PAGE 7

DATE: 12/22/2006 TIME: 22:24:03.36

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 320 285 265 260 300 275 245 205 200 115 235 210 185 150 120 10 210 230 235
-----
1 * .2 .2 .1 .1 .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .3 .3 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1 .1 .1 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .2 .0 .0
5 * .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .2 .2 .2 .7 .5 .5 .0 .0
6 * .1 .1 .1 .1 .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .1 .1 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

		S17B130A.OUT																			
10	*	.0	.0	.0	.0	.0	.4	.3	.2	.8	.7	.7	.0	.0	.0	.1	.2	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.1	.1	.3	.5	.3	.0	.1	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.4	.5	.5
17	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 B130 AM 355/27
DATE: 12/22/2006 TIME: 22:24:03.36

RUN: B130AM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 100	REC22 35	REC23 40	REC24 10	REC25 285	REC26 25	REC27 30	REC28 5
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.2	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.0	.0	.0	.0
5	*	.0	.1	.1	.2	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.3	.3	.4
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.1	.1
11	*	.0	.0	.1	.1	.0	.0	.0	.0
12	*	.2	.1	.0	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.1	.1	.0	.0	.0
16	*	.4	.7	.9	.7	.7	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17B130P.DAT

S17 B130 PM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				

B130PM 355&27 19 1 1

1									
1		NB 355	AG242769.559481.242638.560213.	2475	2.9	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	48.	4			
	150		4.0 2475 29.1 1329 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	1375	2.9	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	1150	2.9	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	36.	3			
	150		4.0 1150 29.1 1589 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	1650	2.9	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	650	2.9	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	650	2.9	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	650	2.9	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5			
	150		4.0 650 29.1 1711 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	1825	2.9	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	1825	2.9	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	1825	2.9	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	2000	2.9	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	2000	2.9	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	48.	4			
	150		4.0 2000 29.1 1723 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	1425	2.9	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	1425	2.9	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	1425	2.9	0.	68.	40.	
1.0	0.4	1000. 0.0Y	5 0 72						

1

JOB: S17 B130 PM 355/27
DATE: 12/22/2006 TIME: 22:24:38.79

RUN: B130PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2							
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	* 744.	350. AG	2475.	2.9	.0	68.0	
2. 2	NB 355Q	* 242655.0	560116.0	242683.4	559959.8	* 159.	170. AG	98.	100.0	.0	48.0	.72 8.1
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	* 747.	349. AG	1375.	2.9	.0	68.0	
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	* 752.	168. AG	1150.	2.9	.0	56.0	
5. 5	SB 355Q	* 242559.0	560323.0	242399.1	561051.5	* 746.	348. AG	175.	100.0	.0	36.0	1.13 37.9
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	* 742.	171. AG	1650.	2.9	.0	56.0	
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	* 257.	240. AG	650.	2.9	.0	56.0	
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	* 168.	249. AG	650.	2.9	.0	68.0	
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	* 304.	254. AG	650.	2.9	.0	80.0	
10. 10	WB 27 Q	* 242688.0	560259.0	242971.9	560342.7	* 296.	74. AG	349.	100.0	.0	60.0	1.14 15.0
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	* 264.	262. AG	1825.	2.9	.0	44.0	
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	* 329.	258. AG	1825.	2.9	.0	44.0	
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	* 177.	252. AG	1825.	2.9	.0	44.0	
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	* 155.	70. AG	2000.	2.9	.0	68.0	
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	* 587.	79. AG	2000.	2.9	.0	68.0	
16. 16	EB 27 Q	* 242530.0	560155.0	240288.4	559722.1	* 2283.	259. AG	244.	100.0	.0	48.0	1.61 116.0
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	* 272.	79. AG	1425.	2.9	.0	68.0	
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	* 216.	70. AG	1425.	2.9	.0	68.0	
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	* 279.	60. AG	1425.	2.9	.0	68.0	

1

JOB: S17 B130 PM 355/27
DATE: 12/22/2006 TIME: 22:24:38.79

RUN: B130PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 150	47	4.0	2475	1329	29.10	2	3
5. 5	SB 355Q	* 150	112	4.0	1150	1589	29.10	2	3
10. 10	WB 27 Q	* 150	134	4.0	650	1711	29.10	2	3
16. 16	EB 27 Q	* 150	117	4.0	2000	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 B130 PM 355/27

RUN: B130PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.3	.3	.4	.5	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.9	.9	.7	.5	.2	.1
5.	*	.2	.3	.4	.5	.6	.6	.2	.0	.0	.0	.0	.0	.1	.9	1.0	.8	.6	.2	.1	
10.	*	.2	.2	.4	.5	.6	.6	.2	.0	.0	.0	.0	.0	.0	.9	.8	.8	.6	.2	.1	
15.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.9	.8	.7	.6	.2	.2	

S17B130P.OUT

20.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.9	.8	.7	.6	.2	.2
25.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.8	.8	.7	.5	.2	.2
30.	*	.0	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.8	.7	.7	.5	.2	.2
35.	*	.0	.1	.4	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.8	.7	.7	.5	.2	.1
40.	*	.0	.1	.2	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.8	.7	.6	.4	.2	.1
45.	*	.0	.1	.2	.5	.6	.4	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1
50.	*	.0	.0	.1	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.3	.1	.1
55.	*	.0	.0	.1	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.3	.1	.1
60.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1
65.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.1	.1	.0	.0	.7	.7	.6	.3	.1	.3
70.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	.1	.0	.0	.7	.7	.6	.4	.2	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.1	.2	.2	.0	.0	.7	.7	.6	.5	.4	.4
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.4	.4	.0	.0	.7	.7	.7	.6	.4	.4
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.2	.5	.5	.1	.0	.7	.7	.7	.6	.5	.4
90.	*	.0	.0	.0	.0	.1	.1	.0	.1	.3	.7	.6	.1	.0	.7	.8	.8	.6	.5	.5
95.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.8	.7	.2	.0	.7	.8	.9	.6	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.6	.9	.8	.3	.1	.0	.7	.9	.5	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.9	.8	.3	.1	.0	.7	.9	.4	.3	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.9	.8	.4	.2	.0	.7	.9	.4	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.2	.0	.8	1.0	.9	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.3	.0	.9	1.0	.8	.3	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.3	.1	.9	.9	.7	.3	.7
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.9	.7	.4	.3	.1	.9	.9	.6	.2	.8
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.7	.4	.3	.1	1.0	.8	.5	.8	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.8	.4	.3	.1	1.1	.8	.4	.5	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.3	.2	1.1	.9	.3	.5	.8
150.	*	.1	.0	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.2	.3	1.1	.6	.4	.5	.8
155.	*	.1	.1	.1	.0	.0	.0	.0	.0	.8	.8	.7	.3	.2	.2	1.1	.6	.5	.8	.7
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.8	.9	.7	.4	.3	.2	.8	.6	.4	.5	.6
165.	*	.2	.2	.2	.1	.0	.0	.0	.0	.8	.9	.7	.4	.3	.3	.7	.5	.5	.6	.7
170.	*	.2	.2	.3	.1	.0	.0	.0	.0	.8	.9	.7	.3	.3	.4	.5	.5	.5	.6	.6
175.	*	.3	.3	.4	.3	.0	.0	.0	.0	.8	.9	.7	.4	.4	.3	.5	.3	.4	.6	.7
180.	*	.3	.4	.5	.3	.1	.0	.0	.0	.8	1.0	.7	.3	.4	.4	.3	.1	.3	.5	.7
185.	*	.3	.4	.6	.4	.1	.0	.0	.0	.8	1.0	.6	.3	.4	.6	.2	.1	.4	.5	.6
190.	*	.3	.4	.6	.5	.1	.1	.0	.0	.9	1.0	.4	.3	.4	.6	.1	.2	.4	.5	.6
195.	*	.4	.4	.6	.5	.1	.1	.0	.0	.9	1.0	.3	.1	.4	.7	.1	.2	.4	.5	.6
200.	*	.4	.4	.7	.5	.1	.1	.0	.1	1.1	1.2	.4	.3	.5	.7	.1	.2	.4	.5	.7
205.	*	.4	.4	.7	.5	.2	.1	.0	.2	1.2	1.2	.3	.4	.5	.7	.1	.2	.4	.5	.7

JOB: S17 B130 PM 355/27

RUN: B130PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.4	.4	.7	.5	.2	.1	.0	.1	1.2	1.0	.4	.5	.6	.7	.1	.2	.3	.5	.7
215.	*	.3	.3	.6	.5	.2	.1	.0	.3	1.2	1.0	.4	.7	.6	.6	.1	.2	.3	.5	.7
220.	*	.3	.3	.6	.5	.2	.2	.0	.4	1.1	1.1	.4	.7	.6	.6	.1	.2	.3	.6	.7
225.	*	.3	.4	.6	.5	.2	.2	.1	.4	1.1	.9	.5	.7	.6	.5	.1	.2	.3	.6	.7
230.	*	.3	.4	.6	.5	.2	.2	.1	.5	1.0	.8	.5	.6	.6	.5	.1	.2	.3	.6	.8
235.	*	.3	.4	.6	.4	.2	.3	.1	.6	.9	.8	.6	.7	.6	.5	.1	.2	.4	.6	.8
240.	*	.3	.4	.6	.5	.3	.4	.1	.6	.9	.8	.6	.7	.6	.5	.1	.2	.3	.7	.9
245.	*	.3	.4	.6	.5	.4	.3	.3	.7	.8	.7	.7	.7	.6	.5	.1	.2	.3	.7	.8
250.	*	.3	.5	.7	.7	.5	.4	.5	.6	.6	.6	.5	.6	.6	.5	.1	.2	.2	.6	.7
255.	*	.3	.6	.8	.9	.6	.7	.5	.5	.4	.4	.4	.6	.5	.4	.0	.1	.2	.4	.6
260.	*	.3	.6	.8	.9	.7	.7	.6	.3	.3	.2	.4	.5	.5	.4	.0	.1	.1	.3	.5
265.	*	.4	.7	.9	.9	.8	.7	.7	.3	.3	.2	.3	.5	.4	.4	.0	.0	.1	.1	.4
270.	*	.4	.7	1.1	.9	.7	.6	.7	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2
275.	*	.4	.8	1.1	.9	.7	.5	.8	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
280.	*	.4	.9	1.1	.8	.5	.5	.7	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.1
285.	*	.4	1.0	1.0	.8	.4	.4	.8	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
290.	*	.4	.9	1.0	.6	.3	.6	.8	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.4	.9	.9	.6	.3	.7	.7	.1	.1	.1	.3	.5	.5	.5	.0	.0	.0	.0	.0
300.	*	.4	.9	.9	.4	.5	.7	.6	.1	.1	.1	.3	.5	.5	.5	.0	.0	.0	.0	.0
305.	*	.5	.9	.8	.3	.5	.7	.5	.1	.1	.1	.3	.5	.5	.5	.0	.0	.0	.0	.0
310.	*	.5	.9	.7	.4	.6	.7	.4	.1	.1	.2	.4	.5	.5	.6	.0	.0	.0	.0	.0
315.	*	.5	.9	.6	.5	.7	.7	.3	.0	.1	.3	.4	.6	.6	.6	.0	.0	.0	.0	.0
320.	*	.5	.8	.6	.5	.8	.7	.2	.0	.1	.1	.4	.6	.6	.5	.0	.0	.0	.0	.0
325.	*	.5	.8	.5	.6	.9	.7	.1	.0	.1	.1	.3	.6	.6	.4	.0	.0	.0	.0	.0
330.	*	.5	.7	.5	.6	.8	.7	.1	.0	.1	.1	.3	.6	.6	.4	.1	.1	.0	.0	.0
335.	*	.7	.7	.7	.5	.7	.7	.1	.0	.0	.1	.3	.4	.4	.4	.2	.1	.0	.0	.0
340.	*	.6	.7	.6	.5	.7	.6	.1	.0	.0	.0	.2	.4	.4	.3	.3	.3	.2	.1	.0
345.	*	.5	.7	.6	.5	.6	.6	.1	.0	.0	.0	.2	.3	.3	.3	.5	.4	.2	.0	.0
350.	*	.6	.5	.5	.5	.6	.6	.1	.0	.0	.0	.1	.2	.2	.1	.6	.6	.5	.2	.1
355.	*	.3	.4	.5	.4	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.7	.7	.6	.4	.1
360.	*	.3	.3	.4	.5	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.9	.9	.7	.5	.2
MAX	*	.7	1.0	1.1	.9	.9	.7	.8	.7	1.2	1.2	.8	.7	.6	.7	1.1	1.0	.9	.7	.9
DEGR	*	335	285	270	275	325	305	275	245	205	200	100	235	210	195	140	5	95	240	240

JOB: S17 B130 PM 355/27

RUN: B130PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.7	1.0	1.0	.8	.6	.4
5.	*	.0	.7	1.0	1.1	.8	.5	.5
10.	*	.0	.7	1.0	1.1	.7	.6	.4
15.	*	.0	.9	1.1	1.1	.6	.4	.4
20.	*	.1	.9	1.1	1.1	.6	.4	.4
25.	*	.1	1.0	1.1	1.1	.4	.5	.4
30.	*	.1	1.0	1.2	1.1	.3	.6	.4

S17B130P.OUT

```

35. * .1 1.0 1.2 1.1 .3 .7 .7 .3
40. * .1 1.0 1.2 1.1 .4 .7 .6 .3
45. * .1 1.1 1.2 1.1 .6 .7 .5 .3
50. * .1 1.0 1.2 1.0 .6 .5 .5 .3
55. * .1 1.0 1.2 1.0 .7 .4 .3 .2
60. * .2 1.0 1.2 .9 .7 .4 .3 .2
65. * .2 .9 1.1 .8 .6 .4 .3 .2
70. * .2 .8 1.0 .8 .5 .4 .3 .2
75. * .3 .6 .7 .5 .4 .4 .3 .3
80. * .4 .5 .6 .5 .3 .5 .4 .3
85. * .4 .3 .4 .4 .3 .5 .3 .3
90. * .7 .1 .3 .3 .3 .4 .2 .2
95. * .8 .0 .3 .3 .3 .3 .2 .2
100. * .7 .0 .2 .3 .3 .3 .2 .2
105. * .7 .0 .1 .3 .3 .3 .2 .2
110. * .7 .0 .1 .3 .3 .3 .2 .2
115. * .7 .0 .1 .3 .3 .4 .3 .3
120. * .7 .0 .1 .2 .3 .4 .3 .3
125. * .7 .0 .1 .2 .3 .4 .3 .3
130. * .7 .0 .1 .2 .3 .3 .3 .3
135. * .7 .0 .1 .2 .3 .3 .3 .3
140. * .7 .0 .0 .2 .2 .3 .3 .3
145. * .7 .0 .0 .2 .2 .3 .3 .3
150. * .6 .0 .0 .1 .2 .3 .3 .3
155. * .7 .0 .0 .0 .2 .3 .3 .3
160. * .7 .0 .0 .0 .2 .3 .3 .2
165. * .7 .0 .0 .0 .1 .3 .3 .2
170. * .7 .0 .0 .0 .1 .3 .2 .2
175. * .7 .0 .0 .0 .0 .1 .2 .1
180. * .7 .0 .0 .0 .0 .1 .1 .1
185. * .7 .0 .0 .0 .0 .1 .1 .1
190. * .7 .0 .0 .0 .0 .0 .0 .0
195. * .7 .0 .0 .0 .0 .0 .0 .0
200. * .7 .0 .0 .0 .0 .0 .0 .0
205. * .7 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B130 PM 355/27

RUN: B130PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .7 .0 .0 .0 .0 .0 .0 .0
215. * .7 .0 .0 .0 .0 .0 .0 .0
220. * .7 .0 .0 .0 .0 .0 .0 .0
225. * .7 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .9 .0 .1 .0 .0 .0 .0 .0
240. * .8 .0 .1 .1 .0 .0 .0 .0
245. * .8 .1 .3 .3 .1 .0 .0 .0
250. * .7 .2 .5 .5 .2 .1 .0 .0
255. * .6 .4 .7 .7 .5 .1 .1 .0
260. * .5 .7 1.0 1.0 .6 .2 .1 .0
265. * .3 .8 1.2 1.1 .8 .3 .2 .1
270. * .2 1.0 1.3 1.2 .8 .3 .2 .1
275. * .0 1.0 1.4 1.2 .9 .5 .2 .1
280. * .0 .9 1.2 1.2 .9 .5 .3 .1
285. * .0 .9 1.3 1.2 1.0 .4 .2 .1
290. * .0 .9 1.2 1.1 .9 .4 .2 .1
295. * .0 .9 1.1 1.1 .8 .4 .3 .1
300. * .0 .8 1.1 1.1 .8 .4 .3 .1
305. * .0 .8 1.1 1.0 .8 .4 .3 .1
310. * .0 .7 1.0 1.0 .6 .4 .3 .1
315. * .0 .7 1.0 1.0 .7 .4 .3 .1
320. * .0 .7 1.0 .9 .7 .4 .3 .1
325. * .0 .7 1.0 .8 .7 .3 .3 .1
330. * .0 .8 1.0 .8 .7 .3 .2 .1
335. * .0 .7 1.0 .8 .7 .4 .2 .2
340. * .0 .7 1.0 .9 .8 .4 .4 .2
345. * .0 .7 1.0 .9 .7 .4 .3 .3
350. * .0 .7 1.0 1.0 .8 .6 .3 .3
355. * .0 .7 1.0 1.0 .9 .6 .3 .4
360. * .0 .7 1.0 1.0 .8 .6 .4 .5
-----
MAX * .9 1.1 1.4 1.2 1.0 .7 .7 .5
DEGR. * 235 45 275 270 285 35 35 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 275 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 205 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 200 DEGREES FROM REC10.

1

JOB: S17 B130 PM 355/27

RUN: B130PM 355&27

PAGE 7

DATE: 12/22/2006 TIME: 22:24:38.79

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 285 270 275 325 305 275 245 205 200 100 235 210 195 140 5 95 240 240 240
-----
1 * .4 .2 .2 .2 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .1 .3 .3 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .1 .0 .0 .0
5 * .1 .0 .0 .0 .2 .1 .0 .0 .0 .0 .0 .2 .2 .3 .7 .7 .4 .0 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

S17B130P.OUT

10	*	.0	.0	.0	.0	.5	.5	.5	.5	.9	.9	.8	.0	.0	.0	.1	.0	.3	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.0	.3	.4	.4	.0	.0	.1	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.4	.5	.5
17	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 B130 PM 355/27
DATE: 12/22/2006 TIME: 22:24:38.79

RUN: B130PM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 235	REC22 45	REC23 275	REC24 270	REC25 285	REC26 35	REC27 35	REC28 0
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.2	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.2	.2	.2
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.3	.2	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.1	.0	.0	.1	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.2	.3	.2	.2	.0	.0	.0
16	*	.5	.7	1.1	1.0	.7	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17B230A.DAT

S17 B230 AM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				
B230AM	355&27					19	1	1	
1									
1	NB 355	AG242769.559481.242638.560213.	1525	2.9	0. 68.	40.			
2									
2	NB 355Q	AG242655.560116.242689.559929.	0. 48.	4					
150		4.0 1525 29.1 1317 2 3							
1									
3	NB 355	AG242638.560213.242494.560946.	1000	2.9	0. 68.	40.			
1									
4	SB 355	AG242425.560931.242587.560197.	1600	2.9	0. 56.	40.			
2									
5	SB 355Q	AG242559.560323.242505.560569.	0. 36.	3					
150		4.0 1600 29.1 1597 2 3							
1									
6	SB 355	AG242587.560197.242700.559464.	2400	2.9	0. 56.	40.			
1									
7	WB 27	AG243303.560515.243080.560388.	1475	2.9	0. 56.	40.			
1									
8	WB 27	AG243080.560388.242923.560328.	1475	2.9	0. 68.	40.			
1									
9	WB 27 T	AG242923.560328.242631.560242.	1475	2.9	0. 80.	40.			
2									
10	WB 27 Q	AG242688.560259.242905.560323.	0. 60.	5					
150		4.0 1475 29.1 1711 2 3							
1									
11	WB 27	AG242631.560242.242370.560205.	1750	2.9	0. 44.	40.			
1									
12	WB 27	AG242370.560205.242048.560139.	1750	2.9	0. 44.	40.			
1									
13	WB 27	AG242048.560139.241880.560084.	1750	2.9	0. 44.	40.			
1									
14	EB 27	AG241898.560008.242044.560060.	1175	2.9	0. 68.	40.			
1									
15	EB 27	AG242044.560060.242620.560173.	1175	2.9	0. 68.	40.			
2									
16	EB 27 Q	AG242530.560155.242328.560116.	0. 48.	4					
150		4.0 1175 29.1 1723 2 3							
1									
17	EB 27	AG242620.560173.242887.560226.	625	2.9	0. 68.	40.			
1									
18	EB 27	AG242887.560226.243090.560299.	625	2.9	0. 68.	40.			
1									
19	EB 27	AG243090.560299.243332.560438.	625	2.9	0. 68.	40.			
1.0	0.4 1000. 0.0Y	5 0 72							

JOB: S17 B230 AM 355/27
DATE: 12/26/2006 TIME: 15:02:03.80

RUN: B230AM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	1525.	2.9	.0	68.0	
2. 2	NB 355Q	* 242655.0	560116.0	242675.1	560005.3	*	113.	170. AG	112.	100.0	.0	48.0	.48 5.7
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	1000.	2.9	.0	68.0	
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1600.	2.9	.0	56.0	
5. 5	SB 355Q	* 242559.0	560323.0	242412.2	560991.6	*	685.	348. AG	151.	100.0	.0	36.0	1.07 34.8
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	2400.	2.9	.0	56.0	
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	1475.	2.9	.0	56.0	
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	1475.	2.9	.0	68.0	
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	1475.	2.9	.0	80.0	
10. 10	WB 27 Q	* 242688.0	560259.0	242890.1	560318.6	*	211.	74. AG	302.	100.0	.0	60.0	.92 10.7
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1750.	2.9	.0	44.0	
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1750.	2.9	.0	44.0	
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1750.	2.9	.0	44.0	
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	1175.	2.9	.0	68.0	
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	1175.	2.9	.0	68.0	
16. 16	EB 27 Q	* 242530.0	560155.0	241423.1	559941.3	*	1127.	259. AG	262.	100.0	.0	48.0	1.42 57.3
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	625.	2.9	.0	68.0	
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	625.	2.9	.0	68.0	
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	625.	2.9	.0	68.0	

JOB: S17 B230 AM 355/27
DATE: 12/26/2006 TIME: 15:02:03.80

RUN: B230AM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 150	54	4.0	1525	1317	29.10	2	3
5. 5	SB 355Q	* 150	97	4.0	1600	1597	29.10	2	3
10. 10	WB 27 Q	* 150	116	4.0	1475	1711	29.10	2	3
16. 16	EB 27 Q	* 150	126	4.0	1175	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

JOB: S17 B230 AM 355/27

RUN: B230AM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.2	.4	.6	.6	.0	.0	.0	.0	.0	.0	.1	.8	.7	.7	.4	.1	.1
5.	*	.2	.2	.2	.4	.6	.5	.1	.0	.0	.0	.0	.0	.0	.8	.8	.7	.4	.3	.1
10.	*	.1	.2	.2	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.8	.9	.8	.4	.3	.1
15.	*	.1	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.8	.8	.8	.4	.3	.1

S17B230A.OUT

20.	*	.0	.2	.3	.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.8	.8	.8	.4	.3	.1
25.	*	.0	.1	.2	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.8	.7	.4	.3	.1
30.	*	.0	.1	.2	.6	.5	.2	.2	.0	.0	.0	.0	.0	.0	.8	.8	.6	.4	.3	.1
35.	*	.0	.1	.2	.6	.5	.0	.2	.0	.0	.0	.0	.0	.0	.8	.8	.6	.3	.3	.1
40.	*	.0	.0	.1	.5	.3	.0	.2	.0	.0	.0	.0	.0	.0	.7	.6	.5	.3	.2	.1
45.	*	.0	.0	.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	.6	.5	.3	.2	.1
50.	*	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.5	.6	.5	.2	.2	.1
55.	*	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.5	.6	.5	.2	.2	.1
60.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.1
65.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	.5	.5	.2	.2	.3
70.	*	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.5	.5	.5	.2	.3	.2
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.0	.0	.6	.5	.5	.3	.4	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.6	.5	.5	.4	.4	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0	.5	.5	.6	.5	.6	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.5	.0	.0	.5	.5	.6	.5	.5	.3
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.1	.0	.5	.5	.7	.6	.3	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.7	.1	.0	.5	.6	.7	.5	.3	.4
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7	.7	.2	.0	.6	.7	.8	.3	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.7	.8	.2	.1	.8	.8	.8	.3	.2	.5
115.	*	.0	.0	.0	.0	.0	.0	.1	.3	.8	.8	.4	.1	.0	.8	.7	.6	.2	.3	.7
120.	*	.0	.0	.0	.0	.0	.0	.1	.2	.8	.8	.4	.1	.0	.8	.9	.6	.2	.4	.7
125.	*	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.0	.9	1.0	.5	.2	.4	.7
130.	*	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.4	.2	.0	.9	1.0	.6	.4	.7	.8
135.	*	.0	.0	.0	.0	.0	.0	.1	.3	.8	.7	.4	.2	.1	1.0	.9	.5	.5	.7	.7
140.	*	.0	.0	.0	.0	.0	.0	.1	.4	.8	.7	.4	.2	.1	1.0	.8	.4	.4	.8	.8
145.	*	.0	.0	.0	.0	.0	.0	.1	.4	.8	.7	.4	.2	.1	1.0	.7	.4	.4	.7	.8
150.	*	.0	.0	.0	.0	.0	.0	.1	.5	.8	.7	.4	.2	.1	1.0	.6	.4	.3	.7	.8
155.	*	.1	.0	.0	.0	.0	.0	.1	.6	.8	.6	.3	.2	.2	.9	.7	.5	.4	.8	.7
160.	*	.1	.1	.1	.0	.0	.0	.1	.7	.8	.6	.3	.2	.2	.7	.6	.4	.4	.8	.7
165.	*	.1	.1	.1	.0	.0	.0	.1	.7	.8	.6	.3	.2	.2	.6	.4	.5	.4	.8	.7
170.	*	.1	.1	.1	.1	.0	.0	.1	.7	.8	.6	.4	.4	.3	.6	.4	.3	.4	.7	.6
175.	*	.2	.3	.3	.1	.0	.0	.1	.8	.8	.6	.4	.3	.2	.4	.4	.3	.4	.7	.6
180.	*	.2	.3	.3	.3	.0	.0	.1	.8	.8	.6	.3	.3	.4	.3	.1	.2	.4	.7	.7
185.	*	.2	.3	.4	.3	.0	.0	.1	.8	.8	.6	.3	.2	.6	.3	.1	.3	.4	.7	.7
190.	*	.3	.3	.4	.3	.2	.0	.0	.1	.8	1.0	.5	.2	.4	.5	.1	.2	.3	.4	.7
195.	*	.3	.3	.4	.4	.2	.0	.0	.1	.8	1.0	.4	.3	.4	.5	.1	.2	.3	.4	.7
200.	*	.3	.3	.5	.4	.2	.0	.0	.1	.9	1.0	.4	.4	.4	.5	.1	.2	.3	.4	.7
205.	*	.3	.3	.5	.4	.2	.1	.0	.1	1.0	1.0	.2	.4	.4	.5	.1	.2	.3	.4	.7

JOB: S17 B230 AM 355/27

RUN: B230AM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.3	.3	.5	.4	.3	.1	.0	.1	1.0	.9	.4	.5	.6	.5	.1	.2	.2	.6	.7	.7
215.	*	.3	.2	.4	.4	.3	.1	.0	.1	1.0	.9	.5	.5	.6	.5	.1	.2	.2	.6	.7	.7
220.	*	.2	.2	.4	.4	.3	.1	.0	.2	.9	1.0	.4	.6	.6	.5	.1	.2	.3	.6	.7	.7
225.	*	.2	.2	.5	.4	.3	.2	.0	.2	1.0	.8	.4	.5	.6	.5	.1	.2	.3	.6	.7	.7
230.	*	.2	.2	.5	.4	.3	.2	.0	.3	.9	.7	.6	.6	.6	.5	.1	.2	.3	.6	.9	.8
235.	*	.2	.2	.5	.4	.3	.2	.0	.4	.9	.7	.6	.6	.6	.5	.1	.2	.3	.5	.9	.9
240.	*	.2	.2	.5	.3	.4	.3	.1	.6	.8	.7	.6	.7	.6	.5	.0	.2	.2	.6	.8	.8
245.	*	.2	.2	.5	.4	.4	.2	.2	.6	.7	.7	.6	.6	.5	.4	.0	.1	.2	.6	.6	.7
250.	*	.2	.2	.6	.5	.4	.3	.3	.4	.6	.6	.6	.6	.5	.4	.0	.1	.2	.5	.6	.7
255.	*	.2	.2	.6	.6	.6	.4	.4	.3	.4	.3	.4	.5	.5	.4	.0	.0	.1	.3	.5	.6
260.	*	.2	.3	.7	.7	.8	.4	.5	.2	.2	.1	.4	.5	.4	.4	.0	.0	.1	.3	.4	.4
265.	*	.2	.3	.8	.8	.7	.4	.5	.1	.2	.2	.4	.4	.4	.4	.0	.0	.0	.1	.3	.3
270.	*	.2	.4	.8	.8	.5	.3	.6	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.2	.1
275.	*	.3	.4	.9	.7	.4	.3	.6	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
280.	*	.3	.5	.9	.6	.3	.3	.5	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0	.1
285.	*	.3	.6	.9	.6	.3	.4	.4	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
290.	*	.3	.6	.9	.4	.2	.5	.4	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
295.	*	.3	.5	.7	.4	.2	.6	.3	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
300.	*	.3	.5	.7	.2	.5	.7	.4	.1	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
305.	*	.4	.6	.6	.3	.5	.7	.3	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
310.	*	.4	.6	.7	.3	.6	.7	.3	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
315.	*	.4	.6	.6	.3	.7	.7	.2	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
320.	*	.4	.6	.5	.3	.7	.7	.2	.0	.1	.1	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0
325.	*	.4	.6	.7	.4	.7	.7	.2	.0	.1	.1	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0
330.	*	.4	.6	.6	.4	.7	.7	.2	.0	.0	.1	.4	.4	.4	.4	.2	.1	.1	.0	.0	.0
335.	*	.5	.7	.4	.6	.7	.6	.2	.0	.0	.1	.4	.4	.4	.2	.2	.2	.1	.0	.0	.0
340.	*	.4	.6	.5	.5	.7	.6	.2	.0	.0	.0	.2	.4	.2	.2	.3	.3	.3	.1	.0	.0
345.	*	.4	.5	.6	.5	.6	.6	.2	.0	.0	.0	.1	.2	.2	.1	.4	.4	.3	.1	.0	.0
350.	*	.4	.4	.3	.4	.6	.6	.0	.0	.0	.0	.0	.2	.2	.1	.6	.6	.4	.3	.1	.0
355.	*	.2	.4	.3	.4	.6	.6	.0	.0	.0	.0	.0	.1	.1	.1	.7	.7	.6	.4	.1	.0
360.	*	.2	.2	.2	.4	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	.8	.7	.7	.4	.1	.1
MAX		.5	.7	.9	.8	.8	.7	.6	.6	1.0	1.0	.8	.7	.6	.6	1.0	1.0	.8	.6	.9	.9
DEGR	*	335	335	285	265	260	300	270	240	205	190	110	240	210	185	135	125	10	95	230	235

JOB: S17 B230 AM 355/27

RUN: B230AM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28	
0.	*	.0	.8	.9	1.0	.8	.4	.5	.6
5.	*	.0	.8	.9	1.0	.8	.5	.4	.6
10.	*	.0	.8	.9	1.1	.6	.3	.6	.6
15.	*	.0	.8	1.0	1.1	.5	.5	.6	.5
20.	*	.0	.9	1.1	1.1	.5	.5	.6	.5
25.	*	.1	.9	1.1	1.1	.4	.6	.7	.5
30.	*	.1	.9	1.1	1.1	.3	.7	.7	.4

S17B230A.OUT

```

35. * .1 1.0 1.1 1.0 .3 .6 .6 .4
40. * .1 1.0 1.2 .9 .4 .6 .5 .3
45. * .1 1.0 1.1 1.0 .4 .6 .5 .3
50. * .1 .8 1.2 .9 .5 .6 .4 .3
55. * .1 .8 1.2 .9 .5 .6 .4 .3
60. * .2 .9 1.0 .8 .4 .5 .3 .3
65. * .2 .8 1.0 .8 .4 .5 .3 .3
70. * .2 .8 .8 .6 .3 .5 .3 .3
75. * .3 .6 .7 .5 .3 .5 .3 .3
80. * .4 .4 .6 .4 .3 .5 .3 .3
85. * .4 .2 .4 .2 .3 .4 .3 .3
90. * .5 .1 .2 .2 .3 .4 .3 .3
95. * .6 .0 .2 .2 .3 .4 .3 .3
100. * .7 .0 .1 .2 .3 .4 .3 .3
105. * .7 .0 .1 .2 .3 .4 .3 .3
110. * .7 .0 .1 .2 .3 .3 .3 .3
115. * .7 .0 .1 .1 .3 .3 .3 .3
120. * .7 .0 .1 .1 .3 .3 .3 .3
125. * .7 .0 .1 .1 .3 .3 .3 .4
130. * .7 .0 .1 .1 .2 .4 .4 .4
135. * .7 .0 .1 .1 .2 .4 .4 .4
140. * .7 .0 .1 .1 .3 .4 .4 .4
145. * .7 .0 .1 .1 .3 .4 .4 .4
150. * .7 .0 .0 .1 .3 .4 .4 .3
155. * .7 .0 .0 .1 .3 .4 .4 .3
160. * .7 .0 .0 .0 .1 .4 .4 .3
165. * .7 .0 .0 .0 .1 .3 .3 .3
170. * .7 .0 .0 .0 .1 .3 .3 .2
175. * .7 .0 .0 .0 .0 .2 .2 .2
180. * .7 .0 .0 .0 .0 .1 .2 .1
185. * .7 .0 .0 .0 .0 .1 .1 .1
190. * .7 .0 .0 .0 .0 .1 .1 .1
195. * .7 .0 .0 .0 .0 .0 .0 .0
200. * .7 .0 .0 .0 .0 .0 .0 .0
205. * .6 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B230 AM 355/27

RUN: B230AM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .6 .0 .0 .0 .0 .0 .0 .0
215. * .6 .0 .0 .0 .0 .0 .0 .0
220. * .6 .0 .0 .0 .0 .0 .0 .0
225. * .6 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .8 .0 .1 .0 .0 .0 .0 .0
240. * .7 .0 .1 .1 .0 .0 .0 .0
245. * .7 .1 .2 .2 .1 .0 .0 .0
250. * .6 .2 .5 .3 .2 .0 .0 .0
255. * .4 .3 .7 .6 .3 .1 .0 .0
260. * .4 .5 .9 .8 .6 .1 .1 .0
265. * .2 .6 1.1 1.0 .7 .2 .1 .0
270. * .1 .7 1.2 1.1 .8 .3 .2 .0
275. * .0 .8 1.2 1.1 .8 .3 .2 .0
280. * .0 .9 1.2 1.2 .8 .4 .2 .1
285. * .0 .9 1.2 1.1 .9 .4 .2 .1
290. * .0 .8 1.2 1.1 .9 .4 .3 .1
295. * .0 .9 1.1 1.1 .8 .3 .2 .1
300. * .0 .9 1.1 1.0 .7 .3 .2 .1
305. * .0 .8 1.0 1.0 .7 .3 .2 .1
310. * .0 .7 1.0 1.0 .7 .3 .2 .1
315. * .0 .7 1.0 .9 .7 .3 .2 .1
320. * .0 .7 .9 .8 .8 .3 .2 .1
325. * .0 .7 .9 .8 .8 .2 .2 .1
330. * .0 .7 .9 .8 .8 .2 .2 .2
335. * .0 .8 .9 .8 .7 .3 .3 .2
340. * .0 .8 .9 .9 .8 .3 .3 .2
345. * .0 .8 .9 .9 .8 .4 .4 .4
350. * .0 .8 .9 1.0 .8 .5 .5 .5
355. * .0 .8 .8 1.0 .9 .4 .5 .4
360. * .0 .8 .9 1.0 .8 .4 .5 .6
-----
MAX * .8 1.0 1.2 1.2 .9 .7 .7 .6
DEGR. * 235 35 40 280 285 30 25 0

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 40 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 280 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 205 DEGREES FROM REC9 .

1

JOB: S17 B230 AM 355/27

RUN: B230AM 355&27

PAGE 7

DATE: 12/26/2006 TIME: 15:02:03.80

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 335 285 265 260 300 270 240 205 190 110 240 210 185 135 125 10 95 230 235
-----
1 * .2 .2 .1 .1 .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .2 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0
4 * .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .2 .2 .1 .0 .0
5 * .1 .1 .0 .0 .0 .1 .0 .0 .0 .0 .0 .2 .2 .2 .6 .5 .5 .0 .0 .0
6 * .1 .1 .1 .1 .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .1 .1 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .1 .0 .0

```

Page 3

									S17B230A.OUT												
10	*	.0	.0	.0	.0	.0	.4	.3	.3	.8	.7	.7	.0	.0	.0	.1	.2	.0	.3	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
16	*	.1	.0	.3	.5	.4	.0	.1	.1	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.5	.5
17	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 B230 AM 355/27
DATE: 12/26/2006 TIME: 15:02:03.80

RUN: B230AM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 235	REC22 35	REC23 40	REC24 280	REC25 285	REC26 30	REC27 25	REC28 0
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.1	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.3	.3	.4
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.2	.0
11	*	.0	.0	.1	.0	.0	.0	.0	.0
12	*	.2	.1	.0	.1	.1	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0
16	*	.5	.7	.9	1.0	.7	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

S17B230P.DAT

S17 B230 PM 355/27 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	242756.	559744.	5.				
REC 2	164'	SE CORNER	242718.	559977.	5.				
REC 3	82'	SE CORNER	242705.	560056.	5.				
REC 4		SE CORNER	242710.	560141.	5.				
REC 5	82'	ES CORNER	242791.	560177.	5.				
REC 6	164'	ES CORNER	242861.	560196.	5.				
REC 7	400'	ES CORNER	243079.	560270.	5.				
REC 8	400'	EN CORNER	243069.	560438.	5.				
REC 9	164'	EN CORNER	242859.	560366.	5.				
REC 10	82'	EN CORNER	242781.	560343.	5.				
REC 11	164'	EN CORN	242683.	560328.	5.				
REC 12	82'	NE CORNER	242639.	560397.	5.				
REC 13	164'	NE CORNE	242623.	560476.	5.				
REC 14	400'	NE CORNE	242571.	560709.	5.				
REC 15	400'	NW CORNE	242451.	560682.	5.				
REC 16	164'	NW CORNE	242498.	560445.	5.				
REC 17	82'	NW CORNER	242508.	560369.	5.				
REC 18		NW CORNER	242501.	560273.	5.				
REC 19	82'	WN CORNER	242440.	560242.	5.				
REC 20	164'	WN CORNER	242361.	560225.	5.				
REC 21	400'	WN CORNE	242131.	560180.	5.				
REC 22	400'	WS CORNE	242146.	560028.	5.				
REC 23	164'	WS CORNE	242368.	560087.	5.				
REC 24	82'	WS CORNER	242440.	560097.	5.				
REC 25		SW CORNER	242526.	560096.	5.				
REC 26	82'	SW CORNER	242583.	560018.	5.				
REC 27	164'	SW CORNE	242597.	559935.	5.				
REC 28	400'	SW CORNE	242634.	559702.	5.				
B230PM	355&27					19	1	1	
1									
1		NB 355	AG242769.559481.242638.560213.	2500	2.9	0.	68.	40.	
2									
2		NB 355Q	AG242655.560116.242689.559929.	0.	48.	4			
	150	45	4.0 2500 29.1 1330 2 3						
1									
3		NB 355	AG242638.560213.242494.560946.	1375	2.9	0.	68.	40.	
1									
4		SB 355	AG242425.560931.242587.560197.	1175	2.9	0.	56.	40.	
2									
5		SB 355Q	AG242559.560323.242505.560569.	0.	36.	3			
	150	110	4.0 1175 29.1 1590 2 3						
1									
6		SB 355	AG242587.560197.242700.559464.	1700	2.9	0.	56.	40.	
1									
7		WB 27	AG243303.560515.243080.560388.	650	2.9	0.	56.	40.	
1									
8		WB 27	AG243080.560388.242923.560328.	650	2.9	0.	68.	40.	
1									
9		WB 27 T	AG242923.560328.242631.560242.	650	2.9	0.	80.	40.	
2									
10		WB 27 Q	AG242688.560259.242905.560323.	0.	60.	5			
	150	134	4.0 650 29.1 1711 2 3						
1									
11		WB 27	AG242631.560242.242370.560205.	1850	2.9	0.	44.	40.	
1									
12		WB 27	AG242370.560205.242048.560139.	1850	2.9	0.	44.	40.	
1									
13		WB 27	AG242048.560139.241880.560084.	1850	2.9	0.	44.	40.	
1									
14		EB 27	AG241898.560008.242044.560060.	2025	2.9	0.	68.	40.	
1									
15		EB 27	AG242044.560060.242620.560173.	2025	2.9	0.	68.	40.	
2									
16		EB 27 Q	AG242530.560155.242328.560116.	0.	48.	4			
	150	117	4.0 2025 29.1 1723 2 3						
1									
17		EB 27	AG242620.560173.242887.560226.	1425	2.9	0.	68.	40.	
1									
18		EB 27	AG242887.560226.243090.560299.	1425	2.9	0.	68.	40.	
1									
19		EB 27	AG243090.560299.243332.560438.	1425	2.9	0.	68.	40.	
1.0	0.4	1000. 0.0Y	5 0 72						

1

JOB: S17 B230 PM 355/27
DATE: 12/26/2006 TIME: 15:02:47.90

RUN: B230PM 355&27

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 355	* 242769.0	559481.0	242638.0	560213.0	*	744.	350. AG	2500.	2.9	.0 68.0		
2. 2	NB 355Q	* 242655.0	560116.0	242682.5	559964.7	*	154.	170. AG	94.	100.0	.0 48.0	.71	7.8
3. 3	NB 355	* 242638.0	560213.0	242494.0	560946.0	*	747.	349. AG	1375.	2.9	.0 68.0		
4. 4	SB 355	* 242425.0	560931.0	242587.0	560197.0	*	752.	168. AG	1175.	2.9	.0 56.0		
5. 5	SB 355Q	* 242559.0	560323.0	242428.7	560916.5	*	608.	348. AG	172.	100.0	.0 36.0	1.09	30.9
6. 6	SB 355	* 242587.0	560197.0	242700.0	559464.0	*	742.	171. AG	1700.	2.9	.0 56.0		
7. 7	WB 27	* 243303.0	560515.0	243080.0	560388.0	*	257.	240. AG	650.	2.9	.0 56.0		
8. 8	WB 27	* 243080.0	560388.0	242923.0	560328.0	*	168.	249. AG	650.	2.9	.0 68.0		
9. 9	WB 27 T	* 242923.0	560328.0	242631.0	560242.0	*	304.	254. AG	650.	2.9	.0 80.0		
10. 10	WB 27 Q	* 242688.0	560259.0	242971.9	560342.7	*	296.	74. AG	349.	100.0	.0 60.0	1.14	15.0
11. 11	WB 27	* 242631.0	560242.0	242370.0	560205.0	*	264.	262. AG	1850.	2.9	.0 44.0		
12. 12	WB 27	* 242370.0	560205.0	242048.0	560139.0	*	329.	258. AG	1850.	2.9	.0 44.0		
13. 13	WB 27	* 242048.0	560139.0	241880.0	560084.0	*	177.	252. AG	1850.	2.9	.0 44.0		
14. 14	EB 27	* 241898.0	560008.0	242044.0	560060.0	*	155.	70. AG	2025.	2.9	.0 68.0		
15. 15	EB 27	* 242044.0	560060.0	242620.0	560173.0	*	587.	79. AG	2025.	2.9	.0 68.0		
16. 16	EB 27 Q	* 242530.0	560155.0	240225.5	559710.0	*	2347.	259. AG	244.	100.0	.0 48.0	1.63	119.2
17. 17	EB 27	* 242620.0	560173.0	242887.0	560226.0	*	272.	79. AG	1425.	2.9	.0 68.0		
18. 18	EB 27	* 242887.0	560226.0	243090.0	560299.0	*	216.	70. AG	1425.	2.9	.0 68.0		
19. 19	EB 27	* 243090.0	560299.0	243332.0	560438.0	*	279.	60. AG	1425.	2.9	.0 68.0		

1

JOB: S17 B230 PM 355/27
DATE: 12/26/2006 TIME: 15:02:47.90

RUN: B230PM 355&27

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 2	NB 355Q	* 150	45	4.0	2500	1330	29.10	2	3
5. 5	SB 355Q	* 150	110	4.0	1175	1590	29.10	2	3
10. 10	WB 27 Q	* 150	134	4.0	650	1711	29.10	2	3
16. 16	EB 27 Q	* 150	117	4.0	2025	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	242756.0	559744.0	5.0	*
2. REC 2 164' SE CORNER	*	242718.0	559977.0	5.0	*
3. REC 3 82' SE CORNER	*	242705.0	560056.0	5.0	*
4. REC 4 SE CORNER	*	242710.0	560141.0	5.0	*
5. REC 5 82' ES CORNER	*	242791.0	560177.0	5.0	*
6. REC 6 164' ES CORNER	*	242861.0	560196.0	5.0	*
7. REC 7 400' ES CORNER	*	243079.0	560270.0	5.0	*
8. REC 8 400' EN CORNER	*	243069.0	560438.0	5.0	*
9. REC 9 164' EN CORNER	*	242859.0	560366.0	5.0	*
10. REC 10 82' EN CORNER	*	242781.0	560343.0	5.0	*
11. REC 11 164' EN CORN	*	242683.0	560328.0	5.0	*
12. REC 12 82' NE CORNER	*	242639.0	560397.0	5.0	*
13. REC 13 164' NE CORNE	*	242623.0	560476.0	5.0	*
14. REC 14 400' NE CORNE	*	242571.0	560709.0	5.0	*
15. REC 15 400' NW CORNE	*	242451.0	560682.0	5.0	*
16. REC 16 164' NW CORNE	*	242498.0	560445.0	5.0	*
17. REC 17 82' NW CORNER	*	242508.0	560369.0	5.0	*
18. REC 18 NW CORNER	*	242501.0	560273.0	5.0	*
19. REC 19 82' WN CORNER	*	242440.0	560242.0	5.0	*
20. REC 20 164' WN CORNER	*	242361.0	560225.0	5.0	*
21. REC 21 400' WN CORNE	*	242131.0	560180.0	5.0	*
22. REC 22 400' WS CORNE	*	242146.0	560028.0	5.0	*
23. REC 23 164' WS CORNE	*	242368.0	560087.0	5.0	*
24. REC 24 82' WS CORNER	*	242440.0	560097.0	5.0	*
25. REC 25 SW CORNER	*	242526.0	560096.0	5.0	*
26. REC 26 82' SW CORNER	*	242583.0	560018.0	5.0	*
27. REC 27 164' SW CORNE	*	242597.0	559935.0	5.0	*
28. REC 28 400' SW CORNE	*	242634.0	559702.0	5.0	*

1

JOB: S17 B230 PM 355/27

RUN: B230PM 355&27

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.3	.3	.4	.5	.6	.6	.1	.0	.0	.0	.1	.1	.1	.8	.9	.7	.4	.1	.1
5.	*	.2	.3	.4	.5	.6	.6	.2	.0	.0	.0	.0	.1	.9	.9	.7	.6	.2	.1	
10.	*	.2	.2	.4	.5	.6	.6	.2	.0	.0	.0	.0	.0	.9	.8	.7	.6	.2	.1	
15.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	1.0	.8	.7	.6	.2	.1

S17B230P.OUT

20.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.8	.8	.7	.5	.2	.1
25.	*	.1	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.8	.8	.7	.5	.2	.2
30.	*	.0	.2	.4	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.8	.7	.7	.5	.2	.1
35.	*	.0	.1	.4	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.8	.7	.7	.5	.2	.1
40.	*	.0	.1	.2	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1
45.	*	.0	.1	.2	.5	.6	.4	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.1	.1
50.	*	.0	.0	.1	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.3	.1	.1
55.	*	.0	.0	.1	.4	.5	.3	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.3	.1	.1
60.	*	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.7	.7	.6	.4	.2	.1
65.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.1	.1	.0	.0	.7	.7	.6	.3	.1	.3
70.	*	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	.1	.0	.0	.7	.7	.6	.4	.3	.2
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.1	.2	.2	.0	.0	.7	.7	.6	.5	.4	.4
80.	*	.0	.0	.0	.0	.1	.2	.1	.1	.1	.4	.4	.0	.0	.7	.7	.7	.6	.4	.4
85.	*	.0	.0	.0	.0	.1	.2	.0	.1	.2	.5	.5	.1	.0	.7	.7	.7	.6	.5	.4
90.	*	.0	.0	.0	.0	.1	.1	.0	.1	.3	.7	.6	.1	.0	.7	.8	.8	.6	.5	.5
95.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.8	.7	.2	.0	.7	.8	.9	.6	.4	.5
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.6	.9	.8	.3	.1	.0	.7	.9	.5	.3	.6
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.9	.8	.3	.1	.0	.7	.9	.4	.3	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.9	.8	.4	.2	.0	.7	.9	.4	.4	.6
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.2	.0	.7	1.0	.9	.4	.6
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.3	.0	.9	1.0	.8	.3	.6
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.3	.1	.9	.9	.7	.3	.6
130.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.9	.7	.4	.3	.1	.9	.9	.6	.2	.8
135.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.7	.4	.3	.1	.9	.8	.5	.7	.6
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	.8	.8	.4	.3	.1	1.1	.8	.4	.5	.7
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.3	.2	1.1	.9	.3	.5	.8
150.	*	.1	.0	.0	.0	.0	.0	.0	.1	.8	.8	.8	.3	.2	.3	1.1	.6	.4	.5	.8
155.	*	.1	.1	.1	.0	.0	.0	.0	.0	.8	.8	.7	.3	.2	.2	1.1	.6	.5	.5	.8
160.	*	.1	.1	.1	.0	.0	.0	.0	.0	.8	.9	.7	.4	.4	.2	.8	.6	.4	.5	.6
165.	*	.2	.2	.2	.1	.0	.0	.0	.0	.8	.9	.7	.4	.3	.3	.7	.5	.5	.5	.6
170.	*	.2	.2	.2	.1	.0	.0	.0	.0	.8	.9	.7	.3	.3	.5	.5	.5	.5	.5	.6
175.	*	.3	.3	.4	.3	.0	.0	.0	.0	.8	.9	.7	.4	.4	.3	.4	.3	.4	.4	.6
180.	*	.3	.4	.5	.4	.1	.0	.0	.0	.8	1.0	.7	.3	.4	.4	.3	.1	.3	.5	.7
185.	*	.3	.4	.5	.4	.1	.0	.0	.0	.8	1.0	.6	.3	.4	.6	.2	.1	.4	.5	.6
190.	*	.3	.4	.6	.4	.1	.1	.0	.0	.9	1.0	.4	.3	.4	.6	.1	.2	.4	.5	.6
195.	*	.4	.4	.6	.5	.1	.1	.0	.0	.9	1.0	.3	.1	.4	.7	.1	.2	.4	.5	.6
200.	*	.4	.4	.6	.5	.1	.1	.0	.1	1.1	1.1	.4	.3	.5	.7	.1	.2	.4	.5	.7
205.	*	.4	.4	.7	.5	.3	.1	.0	.2	1.2	1.2	.3	.4	.5	.7	.1	.2	.4	.5	.7

JOB: S17 B230 PM 355/27

RUN: B230PM 355&27

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.4	.4	.7	.5	.3	.1	.0	.1	1.2	1.0	.4	.5	.6	.7	.1	.2	.4	.5	.7
215.	*	.4	.3	.6	.5	.3	.1	.0	.3	1.2	1.0	.4	.7	.6	.6	.1	.2	.3	.5	.7
220.	*	.3	.3	.6	.5	.2	.1	.0	.4	1.1	1.1	.4	.7	.6	.5	.1	.2	.3	.6	.7
225.	*	.3	.3	.6	.5	.2	.2	.1	.4	1.1	.9	.5	.7	.6	.5	.1	.2	.3	.6	.7
230.	*	.3	.3	.6	.5	.2	.2	.1	.5	1.0	.8	.5	.6	.6	.5	.1	.2	.3	.6	.8
235.	*	.3	.4	.5	.4	.2	.3	.1	.6	.9	.8	.6	.7	.6	.5	.1	.2	.4	.6	.8
240.	*	.3	.4	.5	.5	.3	.4	.1	.6	.9	.8	.6	.7	.6	.5	.1	.2	.3	.7	.9
245.	*	.3	.4	.5	.5	.4	.3	.3	.7	.8	.7	.7	.7	.6	.5	.1	.2	.3	.7	.9
250.	*	.3	.4	.6	.7	.5	.4	.5	.6	.6	.6	.5	.6	.6	.5	.1	.2	.2	.6	.7
255.	*	.3	.6	.8	.9	.6	.7	.5	.5	.4	.4	.4	.6	.5	.4	.0	.1	.2	.4	.6
260.	*	.3	.6	.8	.9	.7	.7	.6	.3	.3	.2	.4	.5	.5	.4	.0	.1	.1	.3	.5
265.	*	.4	.7	.9	.9	.8	.7	.7	.3	.3	.2	.3	.5	.4	.4	.0	.0	.1	.1	.4
270.	*	.4	.7	1.0	.9	.7	.6	.7	.1	.1	.2	.2	.4	.4	.4	.0	.0	.0	.1	.2
275.	*	.4	.8	1.0	.9	.7	.5	.8	.1	.1	.1	.2	.4	.4	.4	.0	.0	.0	.0	.1
280.	*	.4	.8	1.0	.8	.5	.5	.7	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.1
285.	*	.4	.9	.9	.8	.4	.4	.8	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
290.	*	.4	.9	1.0	.6	.3	.5	.8	.1	.1	.1	.3	.4	.4	.4	.0	.0	.0	.0	.0
295.	*	.4	.9	.9	.6	.3	.7	.7	.1	.1	.1	.3	.5	.4	.4	.0	.0	.0	.0	.0
300.	*	.4	.9	.9	.4	.5	.7	.6	.1	.1	.1	.3	.5	.5	.5	.0	.0	.0	.0	.0
305.	*	.5	.9	.7	.3	.5	.7	.5	.0	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.0
310.	*	.5	.9	.7	.4	.6	.7	.4	.0	.1	.1	.4	.5	.5	.5	.0	.0	.0	.0	.0
315.	*	.5	.9	.7	.5	.7	.7	.2	.0	.1	.2	.4	.6	.6	.5	.0	.0	.0	.0	.0
320.	*	.5	.8	.6	.5	.7	.7	.2	.0	.1	.1	.4	.6	.6	.4	.0	.0	.0	.0	.0
325.	*	.5	.8	.6	.6	.8	.7	.1	.0	.1	.1	.4	.6	.6	.4	.0	.0	.0	.0	.0
330.	*	.5	.8	.6	.6	.8	.7	.1	.0	.0	.1	.3	.6	.5	.3	.1	.1	.0	.0	.0
335.	*	.6	.6	.7	.6	.7	.6	.1	.0	.0	.1	.3	.4	.4	.3	.2	.1	.1	.0	.0
340.	*	.6	.7	.6	.5	.7	.6	.1	.0	.0	.0	.2	.4	.3	.2	.3	.3	.2	.1	.0
345.	*	.5	.6	.6	.5	.6	.6	.1	.0	.0	.0	.2	.3	.3	.2	.4	.4	.1	.0	.0
350.	*	.6	.5	.5	.5	.6	.6	.1	.0	.0	.0	.0	.2	.2	.1	.5	.5	.5	.2	.1
355.	*	.3	.4	.5	.4	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.6	.6	.4	.1	.0
360.	*	.3	.3	.4	.5	.6	.6	.1	.0	.0	.0	.0	.1	.1	.1	.8	.9	.7	.4	.1
MAX	*	.6	.9	1.0	.9	.8	.7	.8	.7	1.2	1.2	.8	.7	.6	.7	1.1	1.0	.9	.7	.9
DEGR.	*	335	310	270	275	265	305	275	245	205	205	100	235	210	195	140	110	95	240	240

JOB: S17 B230 PM 355/27

RUN: B230PM 355&27

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.7	1.0	1.0	.8	.6	.4
5.	*	.0	.7	1.0	1.1	.8	.5	.5
10.	*	.0	.7	1.0	1.1	.7	.6	.5
15.	*	.0	.8	1.1	1.1	.6	.4	.5
20.	*	.0	1.0	1.1	1.1	.6	.4	.6
25.	*	.1	1.0	1.1	1.1	.4	.5	.6
30.	*	.1	1.0	1.2	1.1	.3	.6	.6

S17B230P.OUT

```

35. * .1 1.0 1.2 1.1 .3 .7 .6 .3
40. * .1 1.0 1.2 1.1 .4 .7 .6 .3
45. * .1 1.1 1.2 1.1 .6 .7 .5 .3
50. * .1 1.0 1.2 1.0 .6 .6 .5 .3
55. * .1 1.0 1.2 1.0 .7 .4 .3 .3
60. * .2 1.0 1.2 .9 .7 .4 .3 .2
65. * .2 .9 1.1 .8 .6 .3 .3 .2
70. * .2 .8 1.0 .8 .5 .3 .3 .3
75. * .3 .6 .7 .5 .4 .4 .4 .3
80. * .4 .5 .6 .5 .3 .4 .3 .3
85. * .4 .3 .4 .4 .3 .4 .3 .3
90. * .7 .1 .3 .3 .3 .4 .3 .3
95. * .8 .0 .3 .3 .3 .3 .2 .2
100. * .7 .0 .1 .3 .3 .3 .2 .2
105. * .8 .0 .1 .3 .3 .3 .2 .2
110. * .7 .0 .1 .3 .3 .4 .3 .3
115. * .7 .0 .1 .3 .3 .4 .3 .3
120. * .7 .0 .1 .2 .3 .4 .3 .3
125. * .7 .0 .1 .2 .3 .4 .3 .3
130. * .7 .0 .1 .2 .3 .3 .3 .3
135. * .7 .0 .1 .2 .2 .3 .3 .3
140. * .7 .0 .0 .2 .2 .3 .3 .3
145. * .7 .0 .0 .2 .2 .3 .3 .3
150. * .6 .0 .0 .2 .2 .3 .3 .3
155. * .7 .0 .0 .0 .2 .3 .3 .3
160. * .7 .0 .0 .0 .2 .3 .3 .2
165. * .7 .0 .0 .0 .1 .3 .3 .2
170. * .7 .0 .0 .0 .1 .3 .2 .2
175. * .7 .0 .0 .0 .0 .2 .2 .1
180. * .7 .0 .0 .0 .0 .1 .1 .1
185. * .7 .0 .0 .0 .0 .1 .1 .1
190. * .7 .0 .0 .0 .0 .0 .0 .0
195. * .7 .0 .0 .0 .0 .0 .0 .0
200. * .7 .0 .0 .0 .0 .0 .0 .0
205. * .7 .0 .0 .0 .0 .0 .0 .0

```

1

JOB: S17 B230 PM 355/27

RUN: B230PM 355&27

PAGE 6

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .7 .0 .0 .0 .0 .0 .0 .0
215. * .7 .0 .0 .0 .0 .0 .0 .0
220. * .7 .0 .0 .0 .0 .0 .0 .0
225. * .7 .0 .0 .0 .0 .0 .0 .0
230. * .7 .0 .0 .0 .0 .0 .0 .0
235. * .9 .0 .1 .0 .0 .0 .0 .0
240. * .8 .0 .1 .1 .0 .0 .0 .0
245. * .8 .1 .3 .3 .1 .0 .0 .0
250. * .7 .2 .5 .5 .2 .1 .0 .0
255. * .6 .4 .7 .7 .5 .1 .1 .0
260. * .5 .7 1.0 1.0 .6 .2 .1 .0
265. * .3 .8 1.2 1.1 .8 .3 .2 .1
270. * .2 1.0 1.3 1.2 .9 .3 .2 .1
275. * .0 1.0 1.4 1.2 .9 .5 .3 .1
280. * .0 .9 1.2 1.2 1.0 .5 .3 .1
285. * .0 .9 1.3 1.2 1.0 .4 .2 .1
290. * .0 1.0 1.2 1.1 .9 .4 .2 .1
295. * .0 .9 1.1 1.1 .8 .4 .3 .1
300. * .0 .8 1.1 1.1 .8 .4 .3 .1
305. * .0 .8 1.1 1.0 .8 .4 .3 .1
310. * .0 .7 1.0 1.0 .6 .4 .3 .1
315. * .0 .7 1.0 1.0 .7 .4 .3 .1
320. * .0 .7 1.0 .9 .7 .4 .3 .1
325. * .0 .7 1.0 .8 .7 .3 .3 .1
330. * .0 .8 1.0 .8 .7 .3 .2 .1
335. * .0 .7 1.0 .8 .7 .4 .2 .2
340. * .0 .7 1.0 .9 .8 .4 .4 .2
345. * .0 .7 1.0 .9 .7 .4 .3 .3
350. * .0 .7 1.0 1.0 .8 .6 .3 .3
355. * .0 .7 .9 1.0 .9 .6 .3 .4
360. * .0 .7 1.0 1.0 .8 .6 .4 .5
-----
MAX * .9 1.1 1.4 1.2 1.0 .7 .6 .5
DEGR. * 235 45 275 270 280 35 20 0

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 275 DEGREES FROM REC23.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 205 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 205 DEGREES FROM REC10.

1

JOB: S17 B230 PM 355/27

RUN: B230PM 355&27

PAGE 7

DATE: 12/26/2006 TIME: 15:02:47.90

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 335 310 270 275 265 305 275 245 205 205 100 235 210 195 140 110 95 240 240 240
-----
1 * .4 .3 .2 .2 .1 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .0 .3 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2 .1 .1 .0 .0 .0
5 * .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .2 .2 .3 .7 .5 .4 .0 .0 .0
6 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Page 3

S17B230P.OUT

10	*	.0	.0	.0	.0	.0	.5	.5	.5	.9	.9	.8	.0	.0	.0	.1	.3	.3	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
16	*	.0	.1	.4	.4	.4	.0	.1	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.4	.5	.5
17	*	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S17 B230 PM 355/27
DATE: 12/26/2006 TIME: 15:02:47.90

RUN: B230PM 355&27

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21 235	REC22 45	REC23 275	REC24 270	REC25 280	REC26 35	REC27 20	REC28 0
1	*	.0	.0	.0	.0	.0	.1	.1	.1
2	*	.0	.0	.0	.0	.0	.1	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.2	.2	.2
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.3	.2	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.2	.1	.0	.0	.1	.0	.0	.0
13	*	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.2	.3	.2	.2	.0	.0	.0
16	*	.5	.7	1.1	1.0	.7	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0

Site 18 Black Hill Regional Park

				18EXAM.DAT			
S18 EX AM				60.0175.0.0000.000110.30480000	11	1	
REC 1		233742.	563495.	5.			
REC 2		233789.	563299.	5.			
REC 3		233834.	563132.	5.			
REC 4		233892.	562904.	5.			
REC 5		233967.	562645.	5.			
REC 6		234044.	562386.	5.			
REC 7		234140.	562126.	5.			
REC 8		234504.	563744.	5.			
REC 9		234414.	563382.	5.			
REC 10		234332.	563099.	5.			
REC 11		234327.	562724.	5.			
S18 EX AM				10 1 1			
1							
1	NB I270	AG234332.562099.234126.562667.		2064 4.2 0. 44. 67.			
2	NB I270	AG234126.562667.233964.563306.		2064 4.2 0. 44. 67.			
3	NB I270	AG233964.563306.233812.564017.		2064 4.2 0. 44. 67.			
5	NB H0V	AG234306.562089.234141.562522.		1 4.2 0. 32. 67.			
5	NB H0V	AG234141.562522.234074.562739.		1 4.2 0. 32. 67.			
6	NB H0V	AG234074.562739.233922.563373.		1 4.2 0. 32. 67.			
7	NB H0V	AG233922.563373.233782.564015.		1 4.2 0. 32. 67.			
8	SB I270	AG233735.564001.233950.562974.		3811 4.2 0. 56. 66.1			
9	SB I270	AG233950.562974.234099.562451.		3811 4.2 0. 56. 66.1			
10	SB I270	AG234099.562451.234245.562068.		3811 4.2 0. 56. 66.1			
1.0	0.4 1000. 0.0Y	5 0 72					

1

 JOB: S18 EX AM
 DATE: 01/10/2007 TIME: 14:22:17.61

RUN: S18 EX AM

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	2064.	4.2	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	2064.	4.2	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	2064.	4.2	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	1.	4.2	.0	32.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	1.	4.2	.0	32.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	1.	4.2	.0	32.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	1.	4.2	.0	32.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	3811.	4.2	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	3811.	4.2	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	3811.	4.2	.0	56.0	

1

 JOB: S18 EX AM
 DATE: 01/10/2007 TIME: 14:22:17.61

RUN: S18 EX AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 EX AM

RUN: S18 EX AM

MODEL RESULTS

 REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	.2	.4	.4	.5	.6	.6	.5	.0	.0	.0	.0
5.	.2	.4	.4	.5	.5	.5	.5	.0	.0	.0	.0
10.	.4	.4	.5	.6	.5	.5	.4	.0	.0	.0	.0
15.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
20.	.4	.4	.4	.5	.4	.4	.4	.0	.0	.0	.0
25.	.4	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0
30.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
35.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
40.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
45.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
50.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
55.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
60.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
65.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
70.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
75.	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
80.	.3	.4	.4	.4	.3	.4	.4	.0	.0	.0	.0
85.	.4	.3	.4	.4	.3	.4	.4	.0	.0	.0	.0
90.	.4	.3	.4	.4	.4	.4	.4	.0	.0	.0	.0
95.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
100.	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0
105.	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0
110.	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0
115.	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0
120.	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0
125.	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0
130.	.3	.4	.5	.4	.4	.4	.1	.0	.0	.0	.0
135.	.4	.4	.5	.6	.5	.4	.1	.0	.0	.0	.0
140.	.4	.4	.4	.4	.5	.3	.0	.0	.0	.0	.0
145.	.4	.5	.5	.4	.5	.3	.0	.0	.0	.0	.0
150.	.5	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0
155.	.4	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0
160.	.3	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0
165.	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0

```

170. * .2 .1 .1 .1 .1 .0 .0 .0 .0 18EXAM.OUT
175. * .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0
180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
205. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2
1

```

JOB: S18 EX AM

RUN: S18 EX AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2
215. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2
220. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .2
230. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .2
235. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
240. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
275. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
280. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
285. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
290. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
295. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
300. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
305. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3
310. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
315. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
320. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
325. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
330. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
335. * .0 .0 .0 .0 .1 .1 .1 .0 .0 .0 .1
340. * .0 .0 .1 .1 .2 .2 .3 .0 .0 .0 .1
345. * .1 .1 .1 .2 .2 .3 .3 .0 .0 .0 .0
350. * .1 .1 .2 .3 .3 .4 .4 .0 .0 .0 .0
355. * .1 .2 .4 .4 .4 .5 .4 .0 .0 .0 .0
360. * .2 .4 .4 .5 .6 .6 .5 .0 .0 .0 .0
-----
MAX * .5 .5 .5 .6 .6 .6 .5 .1 .1 .2 .3
DEGR. * 150 145 10 10 0 0 0 225 205 220 220

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 10 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC6 .
1

```

JOB: S18 EX AM

DATE: 01/10/2007 TIME: 14:22:17.61

RUN: S18 EX AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # 150 145 10 10 0 0 0 225 205 220 220
-----
1 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .1
2 * .1 .1 .0 .1 .1 .1 .0 .0 .0 .1 .0
3 * .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .3 .3 .4 .4 .2 .1 .0 .1 .0 .0 .0
9 * .1 .1 .0 .0 .3 .4 .1 .0 .1 .1 .1
10 * .0 .0 .0 .0 .0 .0 .3 .0 .0 .0 .1

```

				18EXPM.DAT			
S18 EX PM				60.0175.0.0000.000110.30480000	11	1	
REC 1	233742.	563495.	5.				
REC 2	233789.	563299.	5.				
REC 3	233834.	563132.	5.				
REC 4	233892.	562904.	5.				
REC 5	233967.	562645.	5.				
REC 6	234044.	562386.	5.				
REC 7	234140.	562126.	5.				
REC 8	234504.	563744.	5.				
REC 9	234414.	563382.	5.				
REC 10	234332.	563099.	5.				
REC 11	234327.	562724.	5.				
S18 EX PM				10 1 1			
1							
1	NB I270	AG234332.562099.234126.562667.		4101 4.1 0. 44. 63.2			
2	NB I270	AG234126.562667.233964.563306.		4101 4.1 0. 44. 63.2			
3	NB I270	AG233964.563306.233812.564017.		4101 4.1 0. 44. 63.2			
5	NB HOV	AG234306.562089.234141.562522.		712 4.1 0. 32. 63.2			
5	NB HOV	AG234141.562522.234074.562739.		712 4.1 0. 32. 63.2			
6	NB HOV	AG234074.562739.233922.563373.		712 4.1 0. 32. 63.2			
7	NB HOV	AG233922.563373.233782.564015.		712 4.1 0. 32. 63.2			
8	SB I270	AG233735.564001.233950.562974.		2376 4.2 0. 56. 67.			
9	SB I270	AG233950.562974.234099.562451.		2376 4.2 0. 56. 67.			
10	SB I270	AG234099.562451.234245.562068.		2376 4.2 0. 56. 67.			
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: S18 EX PM
DATE: 01/10/2007 TIME: 14:22:50.51

RUN: S18 EX PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	4101.	4.1	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	4101.	4.1	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	4101.	4.1	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	712.	4.1	.0	32.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	712.	4.1	.0	32.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	712.	4.1	.0	32.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	712.	4.1	.0	32.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	2376.	4.2	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	2376.	4.2	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	2376.	4.2	.0	56.0	

1

JOB: S18 EX PM
DATE: 01/10/2007 TIME: 14:22:50.51

RUN: S18 EX PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 EX PM

RUN: S18 EX PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	.2	.3	.3	.3	.5	.4	.5	.0	.0	.0	.0
5.	.3	.3	.4	.4	.6	.4	.4	.0	.0	.0	.0
10.	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
15.	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
20.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
25.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
30.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
35.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
40.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
45.	.4	.4	.3	.4	.4	.4	.4	.0	.0	.0	.0
50.	.4	.4	.3	.3	.4	.4	.4	.0	.0	.0	.0
55.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
60.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
65.	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0
70.	.4	.3	.4	.4	.3	.4	.4	.0	.0	.0	.0
75.	.4	.3	.4	.4	.4	.4	.4	.0	.0	.0	.0
80.	.4	.3	.4	.4	.4	.4	.3	.0	.0	.0	.0
85.	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0
90.	.4	.4	.4	.4	.3	.4	.3	.0	.0	.0	.0
95.	.4	.3	.4	.4	.3	.4	.3	.0	.0	.0	.0
100.	.4	.3	.4	.4	.4	.4	.3	.0	.0	.0	.0
105.	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0
110.	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0
115.	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0
120.	.3	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0
125.	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0
130.	.4	.4	.4	.4	.4	.3	.1	.0	.0	.0	.0
135.	.4	.4	.5	.4	.5	.3	.0	.0	.0	.0	.0
140.	.3	.4	.5	.4	.5	.3	.0	.0	.0	.0	.0
145.	.4	.4	.4	.3	.3	.2	.0	.0	.0	.0	.0
150.	.3	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0
155.	.2	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0
160.	.2	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0
165.	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0

```

170. * .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0
175. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
205. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
1

```

18EXPM.OUT

JOB: S18 EX PM

RUN: S18 EX PM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
215. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1
220. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .1
225. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .1
230. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
235. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
240. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .1 .2
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
275. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
280. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
285. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
290. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
295. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
300. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .2
305. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
310. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
315. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
325. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3
330. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3
335. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
340. * .0 .0 .0 .1 .1 .1 .2 .0 .0 .0 .1
345. * .0 .1 .1 .1 .2 .3 .3 .0 .0 .0 .0
350. * .1 .1 .2 .3 .4 .5 .4 .0 .0 .0 .0
355. * .1 .2 .3 .3 .4 .5 .4 .0 .0 .0 .0
360. * .2 .3 .3 .3 .5 .4 .5 .0 .0 .0 .0
-----
MAX * .4 .4 .5 .4 .6 .5 .5 .1 .1 .3 .3
DEGR. * 20 10 135 5 5 350 0 205 190 300 195

```

```

THE HIGHEST CONCENTRATION IS .60 PPM AT 5 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 135 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 350 DEGREES FROM REC6 .
1

```

JOB: S18 EX PM

DATE: 01/10/2007 TIME: 14:22:50.51

RUN: S18 EX PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 20 10 135 5 5 350 0 205 190 300 195
-----
1 * .0 .0 .0 .0 .0 .0 .1 .0 .1 .0 .2
2 * .0 .0 .2 .1 .2 .1 .1 .1 .0 .1 .0
3 * .2 .2 .0 .1 .1 .1 .0 .0 .0 .1 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .2 .2 .2 .1 .1 .0 .0 .0 .1 .0 .0
9 * .0 .0 .1 .0 .2 .2 .1 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .2 .0 .0 .0 .1

```

				18NB15A.DAT			
S18	NB15	AM		60.0175.0.0000.000110.30480000	11	1	
REC 1			233742.	563495.	5.		
REC 2			233789.	563299.	5.		
REC 3			233834.	563132.	5.		
REC 4			233892.	562904.	5.		
REC 5			233967.	562645.	5.		
REC 6			234044.	562386.	5.		
REC 7			234140.	562126.	5.		
REC 8			234504.	563744.	5.		
REC 9			234414.	563382.	5.		
REC 10			234332.	563099.	5.		
REC 11			234327.	562724.	5.		
S18	NB15	AM		10	1	1	
1							
1	NB	I270	AG234332.562099.234126.562667.	2425	4.7	0.44.	65.
2							
2	NB	I270	AG234126.562667.233964.563306.	2425	4.7	0.44.	65.
3							
3	NB	I270	AG233964.563306.233812.564017.	2425	4.7	0.44.	65.
5							
5	NB	H0V	AG234306.562089.234141.562522.	116.2	0.32.		67.
5							
5	NB	H0V	AG234141.562522.234074.562739.	116.2	0.32.		67.
6							
6	NB	H0V	AG234074.562739.233922.563373.	116.2	0.32.		67.
7							
7	NB	H0V	AG233922.563373.233782.564015.	116.2	0.32.		67.
8							
8	SB	I270	AG233735.564001.233950.562974.	5500	4.4	0.56.	60.
9							
9	SB	I270	AG233950.562974.234099.562451.	5500	4.4	0.56.	60.
10							
10	SB	I270	AG234099.562451.234245.562068.	5500	4.4	0.56.	60.
1.0	0.4	1000.0.0Y	5 0 72				

1

JOB: S18 NB15 AM RUN: S18 NB15 AM
DATE: 01/11/2007 TIME: 16:06:15.45

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	2425.	4.7	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	2425.	4.7	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	2425.	4.7	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	1.	16.2	.0	32.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	1.	16.2	.0	32.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	5500.	4.4	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	5500.	4.4	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	5500.	4.4	.0	56.0	

1

JOB: S18 NB15 AM RUN: S18 NB15 AM
DATE: 01/11/2007 TIME: 16:06:15.45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 NB15 AM RUN: S18 NB15 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	* .3	.5	.6	.7	.8	.7	.9	.0	.0	.0	.0	.0
5.	* .5	.6	.6	.7	.8	.8	.7	.0	.0	.0	.0	.0
10.	* .5	.6	.6	.8	.7	.6	.7	.0	.0	.0	.0	.0
15.	* .5	.6	.6	.6	.7	.7	.6	.0	.0	.0	.0	.0
20.	* .5	.6	.6	.7	.6	.8	.6	.0	.0	.0	.0	.0
25.	* .5	.6	.6	.6	.6	.6	.6	.0	.0	.0	.0	.0
30.	* .5	.5	.6	.6	.6	.5	.6	.0	.0	.0	.0	.0
35.	* .5	.5	.7	.6	.6	.6	.5	.0	.0	.0	.0	.0
40.	* .5	.5	.5	.6	.6	.5	.5	.0	.0	.0	.0	.0
45.	* .5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0	.0
50.	* .5	.5	.5	.5	.6	.5	.5	.0	.0	.0	.0	.0
55.	* .5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0	.0
60.	* .5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0	.0
65.	* .5	.5	.5	.5	.5	.6	.5	.0	.0	.0	.0	.0
70.	* .5	.5	.5	.5	.5	.6	.5	.0	.0	.0	.0	.0
75.	* .5	.5	.5	.5	.5	.6	.5	.0	.0	.0	.0	.0
80.	* .5	.5	.5	.5	.5	.7	.6	.5	.0	.0	.0	.0
85.	* .5	.5	.5	.5	.5	.6	.6	.5	.0	.0	.0	.0
90.	* .5	.5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0
95.	* .5	.5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0
100.	* .5	.5	.5	.5	.6	.6	.6	.5	.0	.0	.0	.0
105.	* .5	.5	.5	.5	.6	.6	.6	.4	.0	.0	.0	.0
110.	* .5	.5	.5	.5	.6	.6	.6	.4	.0	.0	.0	.0
115.	* .5	.5	.5	.5	.6	.6	.6	.3	.0	.0	.0	.0
120.	* .5	.5	.5	.5	.6	.6	.6	.3	.0	.0	.0	.0
125.	* .5	.5	.6	.6	.6	.6	.6	.2	.0	.0	.0	.0
130.	* .6	.5	.6	.6	.7	.6	.6	.1	.0	.0	.0	.0
135.	* .5	.5	.6	.7	.6	.6	.6	.1	.0	.0	.0	.0
140.	* .5	.6	.6	.7	.7	.6	.6	.1	.0	.0	.0	.0
145.	* .6	.6	.8	.7	.6	.4	.0	.0	.0	.0	.0	.0
150.	* .6	.6	.8	.7	.7	.3	.0	.0	.0	.0	.0	.0
155.	* .5	.7	.6	.6	.4	.2	.0	.0	.0	.0	.0	.0
160.	* .5	.5	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0
165.	* .3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0

```

170. * .2 .2 .1 .2 .1 .0 .0 .0 .0 .0 .0 .0
175. * .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .3 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
205. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2

```

18NB15A.OUT

1

JOB: S18 NB15 AM

RUN: S18 NB15 AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
215. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
230. * .0 .0 .0 .0 .0 .0 .0 .1 .3 .2 .2
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
245. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
300. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .3
305. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .3 .3
310. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
315. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
325. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
330. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .2 .3
335. * .0 .0 .0 .1 .1 .2 .3 .0 .0 .0 .2
340. * .0 .1 .1 .2 .3 .3 .4 .0 .0 .0 .1
345. * .1 .1 .2 .3 .3 .4 .5 .0 .0 .0 .0
350. * .1 .2 .3 .5 .5 .7 .7 .0 .0 .0 .0
355. * .2 .3 .5 .6 .8 .7 .9 .0 .0 .0 .0
360. * .3 .5 .6 .7 .8 .7 .9 .0 .0 .0 .0
-----
MAX * .6 .7 .8 .8 .8 .8 .9 .1 .3 .3 .3
DEGR. * 130 155 150 10 0 5 0 200 230 195 200

```

```

THE HIGHEST CONCENTRATION IS .90 PPM AT 0 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 150 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 10 DEGREES FROM REC4 .

```

1

JOB: S18 NB15 AM

DATE: 01/11/2007 TIME: 16:06:15.45

RUN: S18 NB15 AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 130 155 150 10 0 5 0 200 230 195 200
-----
1 * .0 .0 .1 .0 .0 .0 .1 .0 .0 .1 .1
2 * .1 .1 .1 .1 .1 .1 .1 .0 .1 .0 .0
3 * .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .4 .3 .2 .6 .2 .1 .1 .0 .1 .0 .0
9 * .0 .2 .3 .0 .4 .6 .2 .1 .1 .1 .0
10 * .0 .1 .1 .0 .0 .0 .4 .0 .0 .1 .2

```

				18NB15P.DAT			
S18	NB15	AM		60.0175.0.0000.000110.30480000	11	1	
REC 1			233742.	563495.	5.		
REC 2			233789.	563299.	5.		
REC 3			233834.	563132.	5.		
REC 4			233892.	562904.	5.		
REC 5			233967.	562645.	5.		
REC 6			234044.	562386.	5.		
REC 7			234140.	562126.	5.		
REC 8			234504.	563744.	5.		
REC 9			234414.	563382.	5.		
REC 10			234332.	563099.	5.		
REC 11			234327.	562724.	5.		
S18	NB15	AM		10	1	1	
1							
1	NB	I270	AG234332.562099.234126.562667.	5600	3.6	0.44.	46.
2							
2	NB	I270	AG234126.562667.233964.563306.	5600	3.6	0.44.	46.
3							
3	NB	I270	AG233964.563306.233812.564017.	5600	3.6	0.44.	46.
5							
5	NB	H0V	AG234306.562089.234141.562522.	116.2	0.32.		67.
5							
5	NB	H0V	AG234141.562522.234074.562739.	116.2	0.32.		67.
6							
6	NB	H0V	AG234074.562739.233922.563373.	116.2	0.32.		67.
7							
7	NB	H0V	AG233922.563373.233782.564015.	116.2	0.32.		67.
8							
8	SB	I270	AG233735.564001.233950.562974.	3175	4.5	0.56.	62.
9							
9	SB	I270	AG233950.562974.234099.562451.	3175	4.5	0.56.	62.
10							
10	SB	I270	AG234099.562451.234245.562068.	3175	4.5	0.56.	62.
1.0	0.4	1000.0.0Y	5	0	72		

1

JOB: S18 NB15 AM RUN: S18 NB15 AM
DATE: 01/12/2007 TIME: 10:43:50.85

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	5600.	3.6	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	5600.	3.6	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	5600.	3.6	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	1.	16.2	.0	32.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	1.	16.2	.0	32.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	3175.	4.5	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	3175.	4.5	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	3175.	4.5	.0	56.0	

1

JOB: S18 NB15 AM RUN: S18 NB15 AM
DATE: 01/12/2007 TIME: 10:43:50.85

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 NB15 AM RUN: S18 NB15 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.3	.3	.5	.6	.5	.7	.6	.0	.0	.0	.0
5.	*	.3	.5	.5	.6	.7	.5	.7	.0	.0	.0	.0
10.	*	.3	.5	.5	.5	.6	.6	.5	.0	.0	.0	.0
15.	*	.5	.5	.5	.6	.5	.5	.5	.0	.0	.0	.0
20.	*	.5	.5	.5	.6	.5	.5	.5	.0	.0	.0	.0
25.	*	.5	.5	.5	.5	.5	.6	.5	.0	.0	.0	.0
30.	*	.4	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0
35.	*	.4	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
40.	*	.4	.4	.5	.5	.5	.4	.5	.0	.0	.0	.0
45.	*	.4	.4	.6	.5	.5	.5	.5	.0	.0	.0	.0
50.	*	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
55.	*	.4	.4	.5	.4	.5	.5	.5	.0	.0	.0	.0
60.	*	.4	.4	.5	.4	.5	.4	.5	.0	.0	.0	.0
65.	*	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
70.	*	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
75.	*	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
80.	*	.4	.4	.4	.5	.5	.5	.5	.0	.0	.0	.0
85.	*	.4	.4	.4	.5	.5	.5	.5	.0	.0	.0	.0
90.	*	.4	.4	.5	.5	.5	.5	.4	.0	.0	.0	.0
95.	*	.4	.4	.5	.5	.5	.5	.4	.0	.0	.0	.0
100.	*	.4	.4	.5	.5	.5	.5	.3	.0	.0	.0	.0
105.	*	.4	.4	.5	.5	.5	.5	.3	.0	.0	.0	.0
110.	*	.4	.4	.5	.5	.5	.5	.2	.0	.0	.0	.0
115.	*	.4	.4	.5	.5	.5	.5	.2	.0	.0	.0	.0
120.	*	.4	.4	.5	.5	.5	.5	.2	.0	.0	.0	.0
125.	*	.4	.5	.5	.6	.5	.5	.1	.0	.0	.0	.0
130.	*	.5	.5	.5	.6	.5	.5	.1	.0	.0	.0	.0
135.	*	.5	.5	.5	.5	.6	.4	.1	.0	.0	.0	.0
140.	*	.6	.4	.6	.6	.5	.4	.0	.0	.0	.0	.0
145.	*	.5	.6	.7	.6	.5	.3	.0	.0	.0	.0	.0
150.	*	.4	.6	.5	.6	.5	.2	.0	.0	.0	.0	.0
155.	*	.5	.5	.5	.4	.3	.1	.0	.0	.0	.0	.0
160.	*	.5	.4	.3	.4	.2	.1	.0	.0	.0	.0	.0
165.	*	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0

```

170. * .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0
175. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
205. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18NB15P.OUT

```

1

JOB: S18 NB15 AM

RUN: S18 NB15 AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
215. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
230. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
235. * .0 .0 .0 .0 .0 .0 .0 .2 .1 .2 .3
240. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .1 .3
255. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .1 .3
260. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .2
270. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .2
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
300. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .3 .3
305. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .4
310. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
315. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
325. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
330. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3
335. * .0 .0 .0 .0 .0 .1 .1 .0 .0 .1 .3
340. * .0 .0 .1 .1 .1 .2 .2 .0 .0 .0 .1
345. * .0 .1 .1 .3 .3 .4 .4 .0 .0 .0 .1
350. * .1 .1 .3 .3 .5 .5 .6 .0 .0 .0 .0
355. * .1 .3 .3 .4 .6 .7 .5 .0 .0 .0 .0
360. * .3 .3 .5 .6 .5 .7 .6 .0 .0 .0 .0
-----
MAX * .6 .6 .7 .6 .7 .7 .7 .2 .2 .3 .4
DEGR. * 140 145 145 0 5 0 5 235 200 205 305

```

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 5 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 0 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 5 DEGREES FROM REC7 .

```

1

JOB: S18 NB15 AM

DATE: 01/12/2007 TIME: 10:43:50.85

RUN: S18 NB15 AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 140 145 145 0 5 0 5 235 200 205 305
-----
1 * .0 .1 .1 .0 .0 .0 .2 .0 .1 .1 .0
2 * .2 .2 .2 .1 .2 .2 .1 .0 .1 .1 .2
3 * .1 .0 .0 .2 .1 .1 .0 .1 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .3 .2 .2 .3 .1 .1 .0 .1 .0 .0 .1
9 * .0 .1 .2 .0 .3 .3 .1 .0 .0 .1 .1
10 * .0 .0 .0 .0 .0 .0 .3 .0 .0 .0 .0

```

			18B115BA.DAT									
S18	B115AM	BRT	60.0175.0.0000.000110.30480000 11 1									
REC 1			233742.	563495.	5.							
REC 2			233789.	563299.	5.							
REC 3			233834.	563132.	5.							
REC 4			233892.	562904.	5.							
REC 5			233967.	562645.	5.							
REC 6			234044.	562386.	5.							
REC 7			234140.	562126.	5.							
REC 8			234504.	563744.	5.							
REC 9			234414.	563382.	5.							
REC 10			234332.	563099.	5.							
REC 11			234327.	562724.	5.							
S18	B115AM	BRT	20 1 1									
1												
	270	NB GP	AG233881.564025.233996.563315.	2250	4.6	0	44	63.				
0	1	270	NB GP	AG233996.563315.234139.562740.	2250	4.6	0	44	63.			
0	1	270	NB GP	AG234139.562740.234273.562339.	2250	4.6	0	44	63.			
0	1	270	NB GP	AG234273.562339.234366.562112.	2250	4.6	0	44	63.			
0	1	270	NB ETL	AG233825.564020.233938.563401.	425	4.4	0	32	60.			
0	1	270	NB ETL	AG233938.563401.233990.563107.	425	4.4	0	32	60.			
0	1	270	NB ETL	AG233990.563107.234065.562798.	425	4.4	0	32	60.			
0	1	270	NB ETL	AG234065.562798.234197.562383.	425	4.4	0	32	60.			
0	1	270	NB ETL	AG234197.562383.234313.562095.	425	4.4	0	32	60.			
0	1	270	SB ETL	AG234255.562080.234125.562403.	1000	4.3	0	32	58.			
0	1	270	SB ETL	AG234122.562405.233952.562943.	1000	4.3	0	32	58.			
0	1	270	SB ETL	AG233952.562943.233876.563250.	1000	4.3	0	32	58.			
0	1	270	SB ETL	AG233876.563250.233720.563995.	1000	4.3	0	32	58.			
0	1	270	SB GP	AG234204.562059.234034.562503.	5125	4.5	0	44	61.			
0	1	270	SB GP	AG234034.562503.233842.563220.	5125	4.5	0	44	61.			
0	1	270	SB GP	AG233842.563220.233672.563979.	5125	4.5	0	44	61.			
0	1	NB BUS	AG234948.564210.235157.563133.	12	3.0	0	32	20.				
0	1	NB BUS	AG235157.563133.235384.562486.	12	3.0	0	32	20.				
0	1	SB BUS	AG235347.562497.235128.563118.	13	3.0	0	32	20.				
0	1	SB BUS	AG235128.563118.234906.564216.	13	3.0	0	32	20.				
1.0	0.4	1000. 0.0Y	5 0 72									

1

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	2250.	4.6	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	2250.	4.6	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	2250.	4.6	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	2250.	4.6	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	425.	4.4	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	425.	4.4	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	425.	4.4	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	425.	4.4	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	425.	4.4	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	1000.	4.3	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	1000.	4.3	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	1000.	4.3	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	1000.	4.3	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	5125.	4.5	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	5125.	4.5	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	5125.	4.5	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	12.	3.0	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	12.	3.0	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	13.	3.0	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	13.	3.0	.0	32.0	

1

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.9	1.0	1.3	1.3	1.4	1.3	1.1	.0	.0	.0	.0
5.	*	1.0	1.2	1.3	1.2	1.3	1.2	1.0	.0	.0	.0	.0
10.	*	.9	1.1	1.3	1.2	1.2	1.1	1.0	.0	.0	.0	.0
15.	*	1.0	1.1	1.2	1.2	1.2	1.2	1.0	.0	.0	.0	.0
20.	*	1.0	1.0	1.0	1.0	1.1	1.1	.9	.0	.0	.0	.0
25.	*	.9	1.0	1.1	1.0	1.1	.9	.9	.0	.0	.0	.0
30.	*	.9	1.0	1.1	1.0	1.0	.9	.9	.0	.0	.0	.0
35.	*	.9	.9	.9	.9	1.0	.9	.9	.0	.0	.0	.0
40.	*	.9	.9	.9	.9	1.0	.9	.8	.0	.0	.0	.0
45.	*	.8	.9	.9	.9	.9	.9	.8	.0	.0	.0	.0
50.	*	.8	.9	.9	.8	.9	.8	.8	.0	.0	.0	.0
55.	*	.8	.8	.9	.7	.9	.8	.8	.0	.0	.0	.0
60.	*	.8	.8	.9	.7	.8	.9	.8	.0	.0	.0	.0
65.	*	.8	.8	.9	.7	.9	.8	.8	.0	.0	.0	.0
70.	*	.8	.8	.9	.9	.9	.8	.8	.0	.0	.0	.0
75.	*	.8	.8	.9	.9	.9	.8	.8	.0	.0	.0	.0
80.	*	.8	.8	.9	.9	.9	.7	.8	.0	.0	.0	.0
85.	*	.8	.7	.9	.8	.9	.7	.8	.0	.0	.0	.0
90.	*	.8	.8	.9	.8	.9	.7	.8	.0	.0	.0	.0
95.	*	.8	.8	.9	.8	.9	.9	.7	.0	.0	.0	.0
100.	*	.8	.8	.9	.9	.9	.9	.6	.0	.0	.0	.0
105.	*	.8	.8	.9	.9	.9	.9	.7	.0	.0	.0	.0
110.	*	.8	.9	.9	.9	1.0	.9	.7	.0	.0	.0	.0
115.	*	.9	.8	1.0	.9	1.0	1.0	.7	.0	.0	.0	.0

```

120. * .9 .8 1.0 1.0 1.0 1.0 .7 .0 .0 .0 .0
125. * .8 .9 1.0 1.0 1.1 1.0 .6 .0 .0 .0 .0
130. * .9 1.0 1.1 1.0 1.2 1.1 .6 .0 .0 .0 .0
135. * 1.0 1.1 1.1 1.1 1.2 1.0 .5 .0 .0 .0 .0
140. * 1.0 1.1 1.2 1.1 1.2 1.1 .5 .0 .0 .0 .0
145. * 1.1 1.2 1.1 1.2 1.3 .9 .4 .0 .0 .0 .0
150. * 1.1 1.2 1.1 1.1 1.2 .8 .3 .0 .0 .0 .0
155. * 1.0 1.2 1.1 1.0 1.2 .7 .2 .0 .0 .0 .0
160. * .8 1.0 1.0 .8 1.0 .5 .1 .0 .0 .0 .0
165. * .6 .8 .8 .6 .8 .3 .1 .0 .0 .0 .0
170. * .5 .5 .6 .5 .5 .2 .0 .0 .0 .0 .0
175. * .3 .4 .3 .3 .3 .1 .0 .0 .0 .0 .0
180. * .2 .2 .2 .1 .2 .1 .0 .0 .0 .0 .0
185. * .0 .1 .1 .1 .1 .0 .0 .0 .0 .1 .2
190. * .0 .0 .1 .0 .1 .0 .0 .0 .0 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2

```

18B115BA.OUT

JOB: S18 B115AM BRT

RUN: S18 B115AM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
215. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
255. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .2
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
275. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
285. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .3 .2
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
300. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .2
305. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .2
310. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
315. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
320. * .0 .0 .0 .0 .1 .0 .1 .0 .0 .2 .3
325. * .0 .1 .1 .1 .1 .2 .1 .0 .0 .2 .2
330. * .1 .1 .2 .2 .2 .3 .3 .0 .0 .1 .2
335. * .2 .2 .3 .3 .5 .5 .5 .0 .0 .0 .2
340. * .3 .4 .5 .5 .7 .8 .8 .0 .0 .0 .0
345. * .4 .5 .7 .7 .9 1.0 1.0 .0 .0 .0 .0
350. * .6 .7 1.0 .8 1.1 1.2 1.1 .0 .0 .0 .0
355. * .7 .9 1.1 1.1 1.2 1.4 1.0 .0 .0 .0 .0
360. * .9 1.0 1.3 1.3 1.4 1.3 1.1 .0 .0 .0 .0
-----
MAX * 1.1 1.2 1.3 1.3 1.4 1.4 1.1 .1 .2 .3 .3
DEGR. * 145 5 0 0 0 355 0 205 220 285 230

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 0 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 355 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 0 DEGREES FROM REC4 .

JOB: S18 B115AM BRT

DATE: 04/23/2007 TIME: 21:38:08.79

RUN: S18 B115AM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 145 5 0 0 0 355 0 205 220 285 230
-----
1 * .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0
2 * .1 .0 .0 .0 .1 .1 .0 .0 .1 .1 .0
3 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0
12 * .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0
13 * .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .6 .9 .0 .0 .0 .1
15 * .1 .0 .5 .9 1.1 .5 .1 .1 .1 .1 .1
16 * .8 1.0 .6 .2 .1 .1 .0 .0 .0 .1 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```



```

S18 B115PM BRT 60.0175.0.0000.000110.30480000 11 1
REC 1 233742. 563495. 5.
REC 2 233789. 563299. 5.
REC 3 233834. 563132. 5.
REC 4 233892. 562904. 5.
REC 5 233967. 562645. 5.
REC 6 234044. 562386. 5.
REC 7 234140. 562126. 5.
REC 8 234504. 563744. 5.
REC 9 234414. 563382. 5.
REC 10 234332. 563099. 5.
REC 11 234327. 562724. 5.
S18 B115PM BRT 20 1 1
1
1 270 NB GP AG233881.564025.233996.563315. 5050 4.5 0 44 61.
0 1 270 NB GP AG233996.563315.234139.562740. 5050 4.5 0 44 61.
0 1 270 NB GP AG234139.562740.234273.562339. 5050 4.5 0 44 61.
0 1 270 NB GP AG234273.562339.234366.562112. 5050 4.5 0 44 61.
0 1 270 NB ETLAG233825.564020.233938.563401. 1325 4.3 0 32 58.
0 1 270 NB ETLAG233938.563401.233990.563107. 1325 4.3 0 32 58.
0 1 270 NB ETLAG233990.563107.234065.562798. 1325 4.3 0 32 58.
0 1 270 NB ETLAG234065.562798.234197.562383. 1325 4.3 0 32 58.
0 1 270 NB ETLAG234197.562383.234313.562095. 1325 4.3 0 32 58.
0 1 270 SB ETLAG234255.562080.234125.562403. 425 4.3 0 32 59.
0 1 270 SB ETLAG234122.562405.233952.562943. 425 4.3 0 32 59.
0 1 270 SB ETLAG233952.562943.233876.563250. 425 4.3 0 32 59.
0 1 270 SB ETLAG233876.563250.233720.563995. 425 4.3 0 32 59.
0 1 270 SB GP AG234204.562059.234034.562503. 3000 4.6 0 44 63.
0 1 270 SB GP AG234034.562503.233842.563220. 3000 4.6 0 44 63.
0 1 270 SB GP AG233842.563220.233672.563979. 3000 4.6 0 44 63.
0 1 NB BUS AG234948.564210.235157.563133. 8 3.0 0 32 20.
0 1 NB BUS AG235157.563133.235384.562486. 8 3.0 0 32 20.
0 1 SB BUS AG235347.562497.235128.563118. 8 3.0 0 32 20.
0 1 SB BUS AG235128.563118.234906.564216. 8 3.0 0 32 20.
1.0 0.4 1000. 0.0Y 5 0 72

```

1

JOB: S18 B115PM BRT
DATE: 04/23/2007 TIME: 21:40:12.38
RUN: S18 B115PM BRT

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			Y1	X2	Y2	*								
1.	270 NB GP	*	233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	5050.	4.5	.0	44.0	
2. 0	270 NB GP	*	233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	5050.	4.5	.0	44.0	
3. 0	270 NB GP	*	234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	5050.	4.5	.0	44.0	
4. 0	270 NB GP	*	234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	5050.	4.5	.0	44.0	
5. 0	270 NB ETL	*	233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	1325.	4.3	.0	32.0	
6. 0	270 NB ETL	*	233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	1325.	4.3	.0	32.0	
7. 0	270 NB ETL	*	233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	1325.	4.3	.0	32.0	
8. 0	270 NB ETL	*	234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	1325.	4.3	.0	32.0	
9. 0	270 NB ETL	*	234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	1325.	4.3	.0	32.0	
10. 0	270 SB ETL	*	234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	425.	4.3	.0	32.0	
11. 0	270 SB ETL	*	234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	425.	4.3	.0	32.0	
12. 0	270 SB ETL	*	233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	425.	4.3	.0	32.0	
13. 0	270 SB ETL	*	233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	425.	4.3	.0	32.0	
14. 0	270 SB GP	*	234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	3000.	4.6	.0	44.0	
15. 0	270 SB GP	*	234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	3000.	4.6	.0	44.0	
16. 0	270 SB GP	*	233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	3000.	4.6	.0	44.0	
17. 0	NB BUS	*	234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	8.	3.0	.0	32.0	
18. 0	NB BUS	*	235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	8.	3.0	.0	32.0	
19. 0	SB BUS	*	235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	8.	3.0	.0	32.0	
20. 0	SB BUS	*	235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	8.	3.0	.0	32.0	

1

JOB: S18 B115PM BRT
DATE: 04/23/2007 TIME: 21:40:12.38
RUN: S18 B115PM BRT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 B115PM BRT
RUN: S18 B115PM BRT

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.5	.7	.8	.7	.9	.9	.7	.0	.0	.0	.0
5.	*	.6	.7	.9	.9	1.0	.9	.8	.0	.0	.0	.0
10.	*	.6	.8	.8	.8	1.0	.9	.7	.0	.0	.0	.0
15.	*	.6	.8	.8	.7	.9	.9	.7	.0	.0	.0	.0
20.	*	.8	.8	.7	.8	.8	.8	.6	.0	.0	.0	.0
25.	*	.7	.8	.8	.7	.7	.8	.8	.0	.0	.0	.0
30.	*	.7	.8	.7	.7	.7	.7	.7	.0	.0	.0	.0
35.	*	.7	.7	.8	.6	.7	.7	.7	.0	.0	.0	.0
40.	*	.7	.6	.7	.7	.7	.7	.7	.0	.0	.0	.0
45.	*	.7	.6	.7	.7	.6	.7	.7	.0	.0	.0	.0
50.	*	.7	.6	.8	.7	.7	.7	.7	.0	.0	.0	.0
55.	*	.7	.6	.7	.7	.7	.7	.7	.0	.0	.0	.0
60.	*	.6	.6	.7	.7	.7	.7	.7	.0	.0	.0	.0
65.	*	.6	.6	.7	.7	.7	.7	.7	.0	.0	.0	.0
70.	*	.6	.6	.7	.7	.8	.7	.7	.0	.0	.0	.0
75.	*	.6	.6	.7	.7	.7	.6	.7	.0	.0	.0	.0
80.	*	.6	.7	.7	.7	.7	.6	.7	.0	.0	.0	.0
85.	*	.6	.7	.6	.7	.7	.6	.5	.0	.0	.0	.0
90.	*	.6	.7	.6	.7	.7	.6	.5	.0	.0	.0	.0
95.	*	.6	.6	.6	.7	.7	.6	.5	.0	.0	.0	.0
100.	*	.6	.7	.6	.7	.7	.6	.5	.0	.0	.0	.0
105.	*	.6	.7	.6	.7	.7	.6	.4	.0	.0	.0	.0
110.	*	.6	.7	.6	.6	.8	.8	.4	.0	.0	.0	.0
115.	*	.6	.6	.8	.7	.8	.8	.4	.0	.0	.0	.0

```

120. * .6 .6 .8 .7 .8 .8 .4 .0 .0 .0 .0
125. * .6 .6 .8 .7 .8 .8 .4 .0 .0 .0 .0
130. * .6 .7 .8 .8 .9 .7 .4 .0 .0 .0 .0
135. * .7 .7 1.0 .8 .8 .6 .3 .0 .0 .0 .0
140. * .7 .8 .8 .8 .8 .7 .3 .0 .0 .0 .0
145. * .8 .8 .8 .8 .9 .5 .2 .0 .0 .0 .0
150. * .9 .8 .8 .8 .8 .5 .2 .0 .0 .0 .0
155. * .7 .8 .7 .7 .7 .4 .1 .0 .0 .0 .0
160. * .5 .7 .6 .5 .6 .3 .1 .0 .0 .0 .0
165. * .4 .4 .4 .4 .5 .2 .0 .0 .0 .0 .0
170. * .3 .3 .3 .3 .3 .1 .0 .0 .0 .0 .1
175. * .2 .2 .2 .1 .2 .1 .0 .0 .0 .0 .1
180. * .1 .1 .1 .1 .1 .0 .0 .0 .0 .1 .2
185. * .0 .0 .1 .0 .0 .0 .0 .0 .1 .1 .2
190. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .3
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .4
200. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .1 .3
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3

```

18B115BP.OUT

JOB: S18 B115PM BRT

RUN: S18 B115PM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
215. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .2
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .2
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
290. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .1 .3
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
300. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3
305. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3
310. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3
315. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
320. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3
325. * .0 .0 .0 .0 .1 .1 .1 .0 .0 .1 .4
330. * .0 .1 .1 .1 .1 .2 .2 .0 .0 .1 .4
335. * .1 .1 .2 .2 .2 .3 .3 .0 .0 .1 .2
340. * .2 .2 .3 .3 .5 .4 .4 .0 .0 .1 .2
345. * .2 .3 .4 .4 .6 .5 .6 .0 .0 .0 .1
350. * .3 .4 .6 .6 .8 .8 .9 .0 .0 .0 .0
355. * .4 .5 .8 .7 1.0 .9 .9 .0 .0 .0 .0
360. * .5 .7 .8 .7 .9 .9 .7 .0 .0 .0 .0
-----
MAX * .9 .8 1.0 .9 1.0 .9 .9 .1 .2 .3 .4
DEGR. * 150 10 135 5 5 0 350 200 200 225 195

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 135 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 5 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 5 DEGREES FROM REC4 .

JOB: S18 B115PM BRT

DATE: 04/23/2007 TIME: 21:40:12.38

RUN: S18 B115PM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # 150 10 135 5 5 0 350 200 200 225 195
-----
1 * .0 .2 .0 .2 .1 .1 .1 .0 .0 .0 .0
2 * .2 .0 .2 .1 .2 .2 .1 .1 .1 .2 .0
3 * .1 .0 .1 .0 .0 .0 .1 .0 .1 .0 .2
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
5 * .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .4 .5 .0 .0 .0 .1
15 * .1 .0 .6 .5 .7 .2 .1 .0 .0 .1 .0
16 * .5 .5 .0 .1 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

										18B215BA									
S18	B215AM	BRT											60.0175.0.0000.000110.30480000	11	1				
REC 1			233742.	563495.	5.														
REC 2			233789.	563299.	5.														
REC 3			233834.	563132.	5.														
REC 4			233892.	562904.	5.														
REC 5			233967.	562645.	5.														
REC 6			234044.	562386.	5.														
REC 7			234140.	562126.	5.														
REC 8			234504.	563744.	5.														
REC 9			234414.	563382.	5.														
REC 10			234332.	563099.	5.														
REC 11			234327.	562724.	5.														
S18	B215AM	BRT											20	1	1				
1																			
1			270	NB	GP	AG233881.564025.233996.563315.	2350	4.6	0	44	63.								
0	1		270	NB	GP	AG233996.563315.234139.562740.	2350	4.6	0	44	63.								
0	1		270	NB	GP	AG234139.562740.234273.562339.	2350	4.6	0	44	63.								
0	1		270	NB	GP	AG234273.562339.234366.562112.	2350	4.6	0	44	63.								
0	1		270	NB	ETLAG	AG233825.564020.233938.563401.	450	4.4	0	32	60.								
0	1		270	NB	ETLAG	AG233938.563401.233990.563107.	450	4.4	0	32	60.								
0	1		270	NB	ETLAG	AG233990.563107.234065.562798.	450	4.4	0	32	60.								
0	1		270	NB	ETLAG	AG234065.562798.234197.562383.	450	4.4	0	32	60.								
0	1		270	NB	ETLAG	AG234197.562383.234313.562095.	450	4.4	0	32	60.								
0	1		270	SB	ETLAG	AG234255.562080.234125.562403.	1175	4.3	0	32	58.								
0	1		270	SB	ETLAG	AG234122.562405.233952.562943.	1175	4.3	0	32	58.								
0	1		270	SB	ETLAG	AG233952.562943.233876.563250.	1175	4.3	0	32	58.								
0	1		270	SB	ETLAG	AG233876.563250.233720.563995.	1175	4.3	0	32	58.								
0	1		270	SB	GP	AG234204.562059.234034.562503.	5500	4.7	0	44	64.								
0	1		270	SB	GP	AG234034.562503.233842.563220.	5500	4.7	0	44	64.								
0	1		270	SB	GP	AG233842.563220.233672.563979.	5500	4.7	0	44	64.								
0	1		NB	BUS		AG234948.564210.235157.563133.	12	0.5	0	32	20.								
0	1		NB	BUS		AG235157.563133.235384.562486.	12	0.5	0	32	20.								
0	1		SB	BUS		AG235347.562497.235128.563118.	13	0.5	0	32	20.								
0	1		SB	BUS		AG235128.563118.234906.564216.	13	0.5	0	32	20.								
1.0	0.4	1000. 0.0Y	5	0	72														

JOB: S18 B215AM BRT
DATE: 03/14/2007 TIME: 15:20:41.15

RUN: S18 B215AM BRT

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	2350.	4.6	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	2350.	4.6	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	2350.	4.6	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	2350.	4.6	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	450.	4.4	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	450.	4.4	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	450.	4.4	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	450.	4.4	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	450.	4.4	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	1175.	4.3	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	1175.	4.3	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	1175.	4.3	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	1175.	4.3	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	5500.	4.7	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	5500.	4.7	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	5500.	4.7	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	12.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	12.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	13.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	13.	.5	.0	32.0	

JOB: S18 B215AM BRT
DATE: 03/14/2007 TIME: 15:20:41.15

RUN: S18 B215AM BRT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

JOB: S18 B215AM BRT

RUN: S18 B215AM BRT

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	* 1.0	1.1	1.5	1.4	1.6	1.4	1.3	.0	.0	.0	.0	.0
5.	* 1.1	1.3	1.5	1.3	1.5	1.3	1.1	.0	.0	.0	.0	.0
10.	* 1.0	1.2	1.4	1.3	1.4	1.2	1.1	.0	.0	.0	.0	.0
15.	* 1.1	1.2	1.3	1.3	1.3	1.2	1.1	.0	.0	.0	.0	.0
20.	* 1.1	1.1	1.3	1.1	1.2	1.1	1.0	.0	.0	.0	.0	.0
25.	* 1.0	1.1	1.2	1.1	1.2	1.0	1.0	.0	.0	.0	.0	.0
30.	* 1.0	1.0	1.2	1.0	1.1	1.0	1.0	.0	.0	.0	.0	.0
35.	* 1.0	1.0	1.0	1.0	1.1	1.0	1.0	.0	.0	.0	.0	.0
40.	* .9	1.0	1.0	1.0	1.1	1.0	.9	.0	.0	.0	.0	.0
45.	* .9	1.0	1.0	1.0	1.0	.9	.9	.0	.0	.0	.0	.0
50.	* .9	.9	.9	.9	1.0	.9	.9	.0	.0	.0	.0	.0
55.	* .9	.9	.9	.8	1.0	.9	.9	.0	.0	.0	.0	.0
60.	* .9	.9	.9	.8	.9	.9	.9	.0	.0	.0	.0	.0
65.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0	.0
70.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0	.0
75.	* .9	.9	1.0	.9	1.0	.8	.9	.0	.0	.0	.0	.0
80.	* .9	.9	1.0	.9	1.0	.8	.9	.0	.0	.0	.0	.0
85.	* .9	.8	1.0	.9	1.0	.8	.9	.0	.0	.0	.0	.0
90.	* .9	.9	.9	.9	1.0	.9	.9	.0	.0	.0	.0	.0
95.	* .9	.9	.9	.9	1.0	.9	.8	.0	.0	.0	.0	.0
100.	* .9	.9	1.0	.9	1.0	1.0	.8	.0	.0	.0	.0	.0
105.	* .9	.9	1.0	1.0	1.0	1.0	.9	.0	.0	.0	.0	.0
110.	* .9	1.0	1.0	1.0	1.1	1.0	.8	.0	.0	.0	.0	.0
115.	* .9	1.0	1.1	1.0	1.1	1.1	.8	.0	.0	.0	.0	.0

```

120. * 1.0 .9 1.1 1.0 1.1 1.1 .7 .0 .0 18B215BA
125. * 1.1 1.1 1.1 1.1 1.2 1.1 .7 .0 .0 .0 .0
130. * 1.0 1.2 1.2 1.1 1.3 1.2 .7 .0 .0 .0 .0
135. * 1.1 1.1 1.2 1.2 1.3 1.1 .6 .0 .0 .0 .0
140. * 1.2 1.2 1.3 1.2 1.3 1.2 .5 .0 .0 .0 .0
145. * 1.2 1.3 1.4 1.3 1.4 1.1 .4 .0 .0 .0 .0
150. * 1.3 1.3 1.5 1.3 1.4 .9 .3 .0 .0 .0 .0
155. * 1.1 1.3 1.4 1.1 1.3 .8 .2 .0 .0 .0 .0
160. * 1.0 1.1 1.2 1.1 1.1 .6 .1 .0 .0 .0 .0
165. * .9 .9 .9 .7 .9 .4 .1 .0 .0 .0 .0
170. * .5 .6 .7 .5 .7 .2 .0 .0 .0 .0 .0
175. * .4 .4 .4 .4 .4 .1 .0 .0 .0 .0 .0
180. * .2 .2 .2 .1 .3 .1 .0 .0 .0 .0 .0
185. * .1 .1 .1 .1 .1 .0 .0 .0 .0 .1 .2
190. * .0 .0 .1 .0 .1 .0 .0 .0 .1 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2

```

1

JOB: S18 B215AM BRT

RUN: S18 B215AM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .3
215. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
255. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
290. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .3 .3
295. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .3 .3
300. * .0 .0 .0 .0 .0 .0 .0 .2 .1 .3 .3
305. * .0 .0 .0 .0 .0 .0 .0 .2 .1 .2 .2
310. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .3 .3
315. * .0 .0 .0 .0 .1 .0 .0 .0 .2 .3 .3
320. * .0 .0 .0 .0 .1 .1 .1 .0 .2 .3 .3
325. * .0 .1 .1 .1 .2 .2 .1 .0 .2 .2 .2
330. * .1 .1 .2 .2 .3 .3 .3 .0 .1 .2 .2
335. * .2 .2 .4 .3 .5 .6 .6 .0 .0 .2 .2
340. * .3 .4 .6 .6 .8 .9 .9 .0 .0 .0 .0
345. * .5 .6 .9 .7 1.0 1.1 1.0 .0 .0 .0 .0
350. * .6 .9 1.2 1.0 1.2 1.4 1.2 .0 .0 .0 .0
355. * .9 1.1 1.3 1.3 1.3 1.5 1.1 .0 .0 .0 .0
360. * 1.0 1.1 1.5 1.4 1.6 1.4 1.3 .0 .0 .0 .0
-----
MAX * 1.3 1.3 1.5 1.4 1.6 1.5 1.3 .1 .2 .3 .3
DEGR. * 150 5 0 0 0 355 0 205 215 285 210

```

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 0 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 0 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 355 DEGREES FROM REC6 .

1

JOB: S18 B215AM BRT

DATE: 03/14/2007 TIME: 15:20:41.15

RUN: S18 B215AM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 150 5 0 0 0 355 0 205 215 285 210
-----
1 * .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0
2 * .1 .0 .0 .0 .1 .1 .0 .0 .1 .1 .0
3 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0
11 * .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0
12 * .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0
13 * .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .7 1.0 .0 .0 .0 .2
15 * .2 .0 .6 1.0 1.3 .5 .1 .1 .1 .1 .0
16 * .9 1.1 .7 .2 .1 .1 .0 .0 .0 .1 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

										18B215BP									
S18	B215AM	BRT	60.0175.0.0000.000110.30480000										11	1					
REC 1			233742.	563495.	5.														
REC 2			233789.	563299.	5.														
REC 3			233834.	563132.	5.														
REC 4			233892.	562904.	5.														
REC 5			233967.	562645.	5.														
REC 6			234044.	562386.	5.														
REC 7			234140.	562126.	5.														
REC 8			234504.	563744.	5.														
REC 9			234414.	563382.	5.														
REC 10			234332.	563099.	5.														
REC 11			234327.	562724.	5.														
S18	B215AM	BRT	20 1 1																
1																			
1	270	NB GP	AG233881.564025.233996.563315.	5075	4.5	0	44	61.											
0	1	270	NB GP	AG233996.563315.234139.562740.	5075	4.5	0	44	61.										
0	1	270	NB GP	AG234139.562740.234273.562339.	5075	4.5	0	44	61.										
0	1	270	NB GP	AG234273.562339.234366.562112.	5075	4.5	0	44	61.										
0	1	270	NB ETL	AG233825.564020.233938.563401.	1225	4.3	0	32	59.										
0	1	270	NB ETL	AG233938.563401.233990.563107.	1225	4.3	0	32	59.										
0	1	270	NB ETL	AG233990.563107.234065.562798.	1225	4.3	0	32	59.										
0	1	270	NB ETL	AG234065.562798.234197.562383.	1225	4.3	0	32	59.										
0	1	270	NB ETL	AG234197.562383.234313.562095.	1225	4.3	0	32	59.										
0	1	270	SB ETL	AG234255.562080.234125.562403.	450	4.7	0	32	64.										
0	1	270	SB ETL	AG234122.562405.233952.562943.	450	4.7	0	32	64.										
0	1	270	SB ETL	AG233952.562943.233876.563250.	450	4.7	0	32	64.										
0	1	270	SB ETL	AG233876.563250.233720.563995.	450	4.7	0	32	64.										
0	1	270	SB GP	AG234204.562059.234034.562503.	3075	4.7	0	44	67.										
0	1	270	SB GP	AG234034.562503.233842.563220.	3075	4.7	0	44	67.										
0	1	270	SB GP	AG233842.563220.233672.563979.	3075	4.7	0	44	67.										
0	1	NB BUS	AG234948.564210.235157.563133.	12	0.5	0	32	20.											
0	1	NB BUS	AG235157.563133.235384.562486.	12	0.5	0	32	20.											
0	1	SB BUS	AG235347.562497.235128.563118.	13	0.5	0	32	20.											
0	1	SB BUS	AG235128.563118.234906.564216.	13	0.5	0	32	20.											
1.0	0.4	1000.	0.0Y	5	0	72													

JOB: S18 B215AM BRT
DATE: 03/14/2007 TIME: 15:22:02.05

RUN: S18 B215AM BRT

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	5075.	4.5	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	5075.	4.5	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	5075.	4.5	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	5075.	4.5	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	1225.	4.3	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	1225.	4.3	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	1225.	4.3	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	1225.	4.3	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	1225.	4.3	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	450.	4.7	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	450.	4.7	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	450.	4.7	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	450.	4.7	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	3075.	4.7	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	3075.	4.7	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	3075.	4.7	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	12.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	12.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	13.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	13.	.5	.0	32.0	

JOB: S18 B215AM BRT
DATE: 03/14/2007 TIME: 15:22:02.05

RUN: S18 B215AM BRT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

JOB: S18 B215AM BRT

RUN: S18 B215AM BRT

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	* .5	* .7	* .8	* .7	* .9	* .9	* .7	* .0	* .0	* .0	* .0
5.	* .6	* .7	* .9	* 1.0	* 1.0	* 1.0	* .8	* .0	* .0	* .0	* .0
10.	* .6	* .8	* .8	* .9	* .9	* .9	* .7	* .0	* .0	* .0	* .0
15.	* .6	* .8	* .9	* .7	* .9	* .9	* .7	* .0	* .0	* .0	* .0
20.	* .7	* .8	* .8	* .8	* .8	* .9	* .7	* .0	* .0	* .0	* .0
25.	* .7	* .8	* .8	* .7	* .7	* .9	* .8	* .0	* .0	* .0	* .0
30.	* .7	* .8	* .7	* .7	* .7	* .8	* .6	* .0	* .0	* .0	* .0
35.	* .6	* .7	* .8	* .7	* .7	* .7	* .7	* .0	* .0	* .0	* .0
40.	* .6	* .6	* .8	* .6	* .7	* .7	* .8	* .0	* .0	* .0	* .0
45.	* .6	* .6	* .7	* .7	* .7	* .7	* .7	* .0	* .0	* .0	* .0
50.	* .6	* .6	* .8	* .7	* .6	* .7	* .6	* .0	* .0	* .0	* .0
55.	* .6	* .6	* .7	* .7	* .7	* .7	* .6	* .0	* .0	* .0	* .0
60.	* .6	* .6	* .6	* .7	* .7	* .7	* .7	* .0	* .0	* .0	* .0
65.	* .6	* .6	* .6	* .7	* .7	* .7	* .7	* .0	* .0	* .0	* .0
70.	* .6	* .6	* .6	* .7	* .9	* .6	* .7	* .0	* .0	* .0	* .0
75.	* .6	* .6	* .6	* .7	* .8	* .6	* .6	* .0	* .0	* .0	* .0
80.	* .6	* .6	* .6	* .7	* .8	* .6	* .6	* .0	* .0	* .0	* .0
85.	* .6	* .6	* .6	* .7	* .7	* .6	* .5	* .0	* .0	* .0	* .0
90.	* .6	* .6	* .6	* .7	* .7	* .6	* .5	* .0	* .0	* .0	* .0
95.	* .6	* .5	* .6	* .7	* .7	* .6	* .5	* .0	* .0	* .0	* .0
100.	* .6	* .6	* .6	* .7	* .7	* .6	* .5	* .0	* .0	* .0	* .0
105.	* .6	* .6	* .6	* .6	* .8	* .6	* .4	* .0	* .0	* .0	* .0
110.	* .6	* .6	* .7	* .6	* .8	* .9	* .4	* .0	* .0	* .0	* .0
115.	* .6	* .6	* .7	* .8	* .8	* .8	* .4	* .0	* .0	* .0	* .0


```

120. * .6 .6 .8 .7 .8 .8 .4 .0 .0 .0 .0
125. * .6 .7 .8 .7 .8 .8 .4 .0 .0 .0 .0
130. * .7 .7 .8 .8 .8 .9 .4 .0 .0 .0 .0
135. * .7 .7 1.0 .8 .9 .7 .3 .0 .0 .0 .0
140. * .7 .8 .8 .9 .9 .7 .3 .0 .0 .0 .0
145. * .8 1.0 .8 .7 1.0 .6 .2 .0 .0 .0 .0
150. * .9 .8 .9 .8 .8 .5 .2 .0 .0 .0 .0
155. * .7 .8 .7 .7 .7 .4 .1 .0 .0 .0 .0
160. * .7 .7 .8 .5 .6 .3 .1 .0 .0 .0 .0
165. * .5 .4 .5 .4 .5 .2 .0 .0 .0 .0 .0
170. * .3 .4 .3 .3 .3 .1 .0 .0 .0 .0 .1
175. * .2 .2 .2 .2 .2 .1 .0 .0 .0 .0 .1
180. * .2 .1 .1 .1 .1 .0 .0 .0 .0 .1 .2
185. * .0 .0 .1 .0 .1 .0 .0 .0 .1 .1 .2
190. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .4
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .4
200. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .1 .3
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3

```

18B215BP

1

JOB: S18 B215AM BRT

RUN: S18 B215AM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
215. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
270. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
290. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
295. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .3
300. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
305. * .0 .0 .0 .0 .0 .0 .0 .1 .3 .3 .3
310. * .0 .0 .0 .0 .0 .0 .0 .1 .3 .3 .3
315. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
320. * .0 .0 .0 .0 .1 .0 .0 .1 .3 .3 .3
325. * .0 .0 .0 .0 .1 .1 .1 .0 .1 .4 .4
330. * .0 .1 .1 .1 .2 .2 .2 .0 .1 .4 .4
335. * .1 .1 .3 .2 .3 .3 .3 .0 .1 .2 .2
340. * .2 .2 .3 .3 .5 .5 .4 .0 .1 .2 .2
345. * .3 .3 .4 .4 .6 .6 .6 .0 .0 .1 .1
350. * .4 .4 .6 .6 .8 .9 .9 .0 .0 .0 .0
355. * .4 .5 .8 .7 1.0 .9 .9 .0 .0 .0 .0
360. * .5 .7 .8 .7 .9 .9 .7 .0 .0 .0 .0
-----
MAX * .9 1.0 1.0 1.0 1.0 1.0 .9 .1 .2 .3 .4
DEGR. * 150 145 135 5 5 5 350 200 200 210 190

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 145 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 135 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 5 DEGREES FROM REC4 .

1

JOB: S18 B215AM BRT

DATE: 03/14/2007 TIME: 15:22:02.05

RUN: S18 B215AM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 150 145 135 5 5 5 350 200 200 210 190
-----
1 * .0 .0 .0 .2 .1 .0 .1 .0 .0 .0 .0
2 * .2 .2 .2 .1 .2 .2 .1 .1 .1 .1 .0
3 * .1 .1 .1 .0 .0 .1 .1 .0 .1 .1 .2
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .5 .5 .0 .0 .0 .1
15 * .1 .3 .6 .6 .7 .2 .1 .0 .0 .1 .0
16 * .5 .4 .0 .1 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

				18NB30BA.DAT			
S18	NB30	AM		60.0175.0.0000.000110.30480000	11	1	
REC 1			233742.	563495.	5.		
REC 2			233789.	563299.	5.		
REC 3			233834.	563132.	5.		
REC 4			233892.	562904.	5.		
REC 5			233967.	562645.	5.		
REC 6			234044.	562386.	5.		
REC 7			234140.	562126.	5.		
REC 8			234504.	563744.	5.		
REC 9			234414.	563382.	5.		
REC 10			234332.	563099.	5.		
REC 11			234327.	562724.	5.		
S18	NB30	AM		10	1	1	
1							
1	NB	I270	AG234332.562099.234126.562667.	3200	3.9	0.44.	60.
2							
2	NB	I270	AG234126.562667.233964.563306.	3200	3.9	0.44.	60.
3							
3	NB	I270	AG233964.563306.233812.564017.	3200	3.9	0.44.	60.
5							
5	NB	H0V	AG234306.562089.234141.562522.	116.2	0.32.		67.
5							
5	NB	H0V	AG234141.562522.234074.562739.	116.2	0.32.		67.
6							
6	NB	H0V	AG234074.562739.233922.563373.	116.2	0.32.		67.
7							
7	NB	H0V	AG233922.563373.233782.564015.	116.2	0.32.		67.
8							
8	SB	I270	AG233735.564001.233950.562974.	7350	2.9	0.56.	40.
9							
9	SB	I270	AG233950.562974.234099.562451.	7350	2.9	0.56.	40.
10							
10	SB	I270	AG234099.562451.234245.562068.	7350	2.9	0.56.	40.
1.0	0.4	1000.0.0Y	5	0	72		

1

JOB: S18 NB30 AM
DATE: 01/10/2007

TIME: 14:23:23.08

RUN: S18 NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	3200.	3.9	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	3200.	3.9	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	3200.	3.9	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	1.	16.2	.0	32.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	1.	16.2	.0	32.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	7350.	2.9	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	7350.	2.9	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	7350.	2.9	.0	56.0	

1

JOB: S18 NB30 AM
DATE: 01/10/2007

TIME: 14:23:23.08

RUN: S18 NB30 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 NB30 AM

RUN: S18 NB30 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	.3	.4	.5	.6	.7	.7	.7	.0	.0	.0	.0
5.	.4	.5	.6	.7	.6	.7	.6	.0	.0	.0	.0
10.	.5	.5	.6	.7	.6	.6	.5	.0	.0	.0	.0
15.	.5	.5	.6	.7	.5	.6	.5	.0	.0	.0	.0
20.	.5	.5	.5	.6	.5	.7	.5	.0	.0	.0	.0
25.	.5	.5	.5	.6	.5	.6	.5	.0	.0	.0	.0
30.	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
35.	.5	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0
40.	.4	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0
45.	.4	.5	.5	.5	.5	.6	.5	.0	.0	.0	.0
50.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
55.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
60.	.4	.4	.5	.5	.5	.6	.5	.0	.0	.0	.0
65.	.4	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
70.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
75.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
80.	.4	.4	.5	.5	.6	.5	.5	.0	.0	.0	.0
85.	.4	.4	.5	.5	.6	.5	.5	.0	.0	.0	.0
90.	.4	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
95.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
100.	.4	.4	.5	.5	.5	.5	.5	.0	.0	.0	.0
105.	.4	.4	.5	.5	.5	.5	.3	.0	.0	.0	.0
110.	.4	.4	.5	.5	.5	.5	.3	.0	.0	.0	.0
115.	.4	.5	.5	.5	.5	.5	.3	.0	.0	.0	.0
120.	.5	.5	.5	.5	.5	.5	.2	.0	.0	.0	.0
125.	.5	.5	.5	.5	.5	.6	.2	.0	.0	.0	.0
130.	.6	.5	.6	.7	.6	.6	.1	.0	.0	.0	.0
135.	.6	.5	.5	.7	.6	.5	.1	.0	.0	.0	.0
140.	.5	.6	.6	.7	.7	.5	.0	.0	.0	.0	.0
145.	.5	.5	.7	.6	.6	.3	.0	.0	.0	.0	.0
150.	.6	.5	.7	.6	.5	.3	.0	.0	.0	.0	.0
155.	.5	.5	.6	.5	.4	.2	.0	.0	.0	.0	.0
160.	.4	.4	.5	.3	.3	.1	.0	.0	.0	.0	.0
165.	.3	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0

```

170. * .2 .2 .1 .2 .1 .0 .0 .0 .0 .0 .0
175. * .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .2
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2

```

18NB30BA.OUT

JOB: S18 NB30 AM

RUN: S18 NB30 AM

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
215. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .4
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
300. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .3
305. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
310. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
315. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
325. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
330. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
335. * .0 .0 .0 .1 .1 .2 .2 .0 .0 .0 .2
340. * .0 .1 .1 .1 .2 .2 .3 .0 .0 .0 .1
345. * .1 .1 .2 .2 .3 .3 .5 .0 .0 .0 .0
350. * .1 .2 .3 .4 .4 .5 .6 .0 .0 .0 .0
355. * .2 .4 .5 .5 .7 .6 .8 .0 .0 .0 .0
360. * .3 .4 .5 .6 .7 .7 .7 .0 .0 .0 .0
-----
MAX * .6 .6 .7 .7 .7 .7 .8 .1 .2 .3 .4
DEGR. * 130 140 145 5 0 20 355 205 210 200 255

```

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 355 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 145 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 0 DEGREES FROM REC5 .

```

JOB: S18 NB30 AM

DATE: 01/10/2007 TIME: 14:23:23.08

RUN: S18 NB30 AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # 130 140 145 5 0 20 355 205 210 200 255
-----
1 * .0 .0 .1 .0 .0 .1 .1 .0 .0 .1 .1
2 * .1 .1 .1 .1 .1 .1 .1 .0 .1 .0 .1
3 * .1 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .4 .4 .2 .5 .2 .0 .1 .0 .0 .0 .0
9 * .0 .1 .3 .0 .3 .4 .2 .1 .1 .1 .2
10 * .0 .0 .0 .0 .0 .1 .3 .0 .0 .1 .0

```

				18NB30BP.DAT			
S18 NB30 PM				60.0175.0.0000.000110.30480000	11	1	
REC 1	233742.	563495.	5.				
REC 2	233789.	563299.	5.				
REC 3	233834.	563132.	5.				
REC 4	233892.	562904.	5.				
REC 5	233967.	562645.	5.				
REC 6	234044.	562386.	5.				
REC 7	234140.	562126.	5.				
REC 8	234504.	563744.	5.				
REC 9	234414.	563382.	5.				
REC 10	234332.	563099.	5.				
REC 11	234327.	562724.	5.				
S18 NB30 PM				10 1 1			
1							
1	NB I270	AG234332.562099.234126.562667.	7375 2.7 0. 44. 32.				
2	NB I270	AG234126.562667.233964.563306.	7375 2.7 0. 44. 32.				
3	NB I270	AG233964.563306.233812.564017.	7375 2.7 0. 44. 32.				
5	NB HOV	AG234306.562089.234141.562522.	1300 2.7 0. 44. 32.				
5	NB HOV	AG234141.562522.234074.562739.	1300 2.7 0. 44. 32.				
6	NB HOV	AG234074.562739.233922.563373.	1300 2.7 0. 44. 32.				
7	NB HOV	AG233922.563373.233782.564015.	1300 2.7 0. 44. 32.				
8	SB I270	AG233735.564001.233950.562974.	4125 3.9 0. 56. 60.				
9	SB I270	AG233950.562974.234099.562451.	4125 3.9 0. 56. 60.				
10	SB I270	AG234099.562451.234245.562068.	4125 3.9 0. 56. 60.				
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: S18 NB30 PM
DATE: 01/10/2007 TIME: 14:24:31.63 RUN: S18 NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
1. 1	NB I270	* 234332.0	562099.0	234126.0	562667.0	*	604.	340. AG	7375.	2.7	.0	44.0	
2. 2	NB I270	* 234126.0	562667.0	233964.0	563306.0	*	659.	346. AG	7375.	2.7	.0	44.0	
3. 3	NB I270	* 233964.0	563306.0	233812.0	564017.0	*	727.	348. AG	7375.	2.7	.0	44.0	
4. 5	NB HOV	* 234306.0	562089.0	234141.0	562522.0	*	463.	339. AG	1300.	2.7	.0	44.0	
5. 5	NB HOV	* 234141.0	562522.0	234074.0	562739.0	*	227.	343. AG	1300.	2.7	.0	44.0	
6. 6	NB HOV	* 234074.0	562739.0	233922.0	563373.0	*	652.	347. AG	1300.	2.7	.0	44.0	
7. 7	NB HOV	* 233922.0	563373.0	233782.0	564015.0	*	657.	348. AG	1300.	2.7	.0	44.0	
8. 8	SB I270	* 233735.0	564001.0	233950.0	562974.0	*	1049.	168. AG	4125.	3.9	.0	56.0	
9. 9	SB I270	* 233950.0	562974.0	234099.0	562451.0	*	544.	164. AG	4125.	3.9	.0	56.0	
10. 10	SB I270	* 234099.0	562451.0	234245.0	562068.0	*	410.	159. AG	4125.	3.9	.0	56.0	

1

JOB: S18 NB30 PM
DATE: 01/10/2007 TIME: 14:24:31.63 RUN: S18 NB30 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 NB30 PM
RUN: S18 NB30 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.3	.4	.5	.6	.7	.8	.6	.0	.0	.0	.0
5.	*	.3	.5	.6	.6	.7	.6	.7	.0	.0	.0	.0
10.	*	.4	.5	.6	.6	.6	.7	.5	.0	.0	.0	.0
15.	*	.5	.5	.5	.7	.5	.5	.5	.0	.0	.0	.0
20.	*	.5	.5	.5	.7	.5	.5	.5	.0	.0	.0	.0
25.	*	.5	.5	.5	.6	.5	.7	.5	.0	.0	.0	.0
30.	*	.5	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0
35.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
40.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
45.	*	.5	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0
50.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
55.	*	.5	.5	.5	.6	.5	.5	.5	.0	.0	.0	.0
60.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
65.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
70.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
75.	*	.4	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
80.	*	.4	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
85.	*	.5	.5	.5	.5	.5	.5	.5	.0	.0	.0	.0
90.	*	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0
95.	*	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0
100.	*	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0
105.	*	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0
110.	*	.5	.5	.5	.5	.5	.5	.2	.0	.0	.0	.0
115.	*	.5	.5	.5	.5	.5	.5	.2	.0	.0	.0	.0
120.	*	.5	.5	.5	.5	.5	.5	.2	.0	.0	.0	.0
125.	*	.5	.5	.5	.6	.5	.5	.1	.0	.0	.0	.0
130.	*	.5	.5	.6	.6	.5	.5	.1	.0	.0	.0	.0
135.	*	.5	.5	.6	.6	.6	.4	.1	.0	.0	.0	.0
140.	*	.6	.5	.6	.7	.6	.4	.0	.0	.0	.0	.0
145.	*	.5	.7	.7	.6	.6	.4	.0	.0	.0	.0	.0
150.	*	.6	.6	.5	.6	.5	.2	.0	.0	.0	.0	.0
155.	*	.5	.5	.5	.4	.4	.1	.0	.0	.0	.0	.0
160.	*	.5	.4	.4	.4	.2	.1	.0	.0	.0	.0	.0
165.	*	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0

18NB30BP.OUT

170.	*	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3
205.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	

1

JOB: S18 NB30 PM

RUN: S18 NB30 PM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	
210.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	
215.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	
220.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	
225.	*	.0	.0	.0	.0	.0	.0	.2	.1	.2	.3	
230.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	
235.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	
240.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	
245.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	
250.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	
255.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	
260.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	
265.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	
270.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	
275.	*	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	
280.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	
285.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	
290.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	
295.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	
300.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	
305.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	
310.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	
315.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	
320.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	
325.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	
330.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	
335.	*	.0	.0	.0	.0	.1	.1	.1	.0	.1	.3	
340.	*	.0	.0	.1	.1	.2	.2	.3	.0	.0	.2	
345.	*	.1	.1	.1	.3	.3	.4	.4	.0	.0	.1	
350.	*	.1	.1	.3	.4	.5	.6	.6	.0	.0	.0	
355.	*	.1	.3	.4	.4	.6	.7	.6	.0	.0	.0	
360.	*	.3	.4	.5	.6	.7	.8	.6	.0	.0	.0	
MAX	*	.6	.7	.7	.7	.8	.7	.2	.2	.3	.4	
DEGR.	*	140	145	145	15	0	0	5	225	200	205	220

THE HIGHEST CONCENTRATION IS .80 PPM AT 0 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 145 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 15 DEGREES FROM REC4 .

1

JOB: S18 NB30 PM

RUN: S18 NB30 PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	*	.0	.1	.1	.0	.0	.2	.0	.1	.1	.2
2	*	.2	.2	.2	.2	.1	.2	.1	.1	.1	.0
3	*	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.3	.3	.2	.4	.2	.1	.0	.1	.0	.0
9	*	.0	.1	.2	.0	.3	.4	.1	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1

```

S18 B130AM BRT 60.0175.0.0000.000110.30480000 11 1
REC 1 233742. 563495. 5.
REC 2 233789. 563299. 5.
REC 3 233834. 563132. 5.
REC 4 233892. 562904. 5.
REC 5 233967. 562645. 5.
REC 6 234044. 562386. 5.
REC 7 234140. 562126. 5.
REC 8 234504. 563744. 5.
REC 9 234414. 563382. 5.
REC 10 234332. 563099. 5.
REC 11 234327. 562724. 5.
S18 B130AM BRT 20 1 1
1
1 270 NB GP AG233881.564025.233996.563315. 2600 4.2 0 44 65.
0 1 270 NB GP AG233996.563315.234139.562740. 2600 4.2 0 44 65.
0 1 270 NB GP AG234139.562740.234273.562339. 2600 4.2 0 44 65.
0 1 270 NB GP AG234273.562339.234366.562112. 2600 4.2 0 44 65.
0 1 270 NB ETLAG233825.564020.233938.563401. 1100 4.0 0 32 62.
0 1 270 NB ETLAG233938.563401.233990.563107. 1100 4.0 0 32 62.
0 1 270 NB ETLAG233990.563107.234065.562798. 1100 4.0 0 32 62.
0 1 270 NB ETLAG234065.562798.234197.562383. 1100 4.0 0 32 62.
0 1 270 NB ETLAG234197.562383.234313.562095. 1100 4.0 0 32 62.
0 1 270 SB ETLAG234255.562080.234125.562403. 1725 4.1 0 32 63.
0 1 270 SB ETLAG234122.562405.233952.562943. 1725 4.1 0 32 63.
0 1 270 SB ETLAG233952.562943.233876.563250. 1725 4.1 0 32 63.
0 1 270 SB ETLAG233876.563250.233720.563995. 1725 4.1 0 32 63.
0 1 270 SB GP AG234204.562059.234034.562503. 6325 4.0 0 44 62.
0 1 270 SB GP AG234034.562503.233842.563220. 6325 4.0 0 44 62.
0 1 270 SB GP AG233842.563220.233672.563979. 6325 4.0 0 44 62.
0 1 NB BUS AG234948.564210.235157.563133. 12 0.5 0 32 20.
0 1 NB BUS AG235157.563133.235384.562486. 12 0.5 0 32 20.
0 1 SB BUS AG235347.562497.235128.563118. 13 0.5 0 32 20.
0 1 SB BUS AG235128.563118.234906.564216. 13 0.5 0 32 20.
1.0 0.4 1000. 0.0Y 5 0 72

```


1

PAGE 1

 JOB: S18 B130AM BRT
 DATE: 01/10/2007 TIME: 14:25:27.44
 RUN: S18 B130AM BRT

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	2600.	4.2	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	2600.	4.2	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	2600.	4.2	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	2600.	4.2	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	1100.	4.0	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	1100.	4.0	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	1100.	4.0	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	1100.	4.0	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	1100.	4.0	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	1725.	4.1	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	1725.	4.1	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	1725.	4.1	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	1725.	4.1	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	6325.	4.0	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	6325.	4.0	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	6325.	4.0	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	12.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	12.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	13.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	13.	.5	.0	32.0	

1

 JOB: S18 B130AM BRT
 DATE: 01/10/2007 TIME: 14:25:27.44
 RUN: S18 B130AM BRT

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

 JOB: S18 B130AM BRT
 RUN: S18 B130AM BRT

PAGE 3

MODEL RESULTS

 REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	* 1.0	1.1	1.4	1.5	1.6	1.3	1.3	.0	.0	.0	.0
5.	* 1.0	1.3	1.4	1.3	1.4	1.3	1.1	.0	.0	.0	.0
10.	* 1.0	1.2	1.3	1.3	1.3	1.2	1.1	.0	.0	.0	.0
15.	* 1.1	1.2	1.4	1.2	1.3	1.2	1.1	.0	.0	.0	.0
20.	* 1.1	1.1	1.3	1.1	1.2	1.1	1.0	.0	.0	.0	.0
25.	* 1.0	1.1	1.2	1.1	1.2	1.0	1.0	.0	.0	.0	.0
30.	* 1.0	1.0	1.1	1.0	1.1	1.0	1.0	.0	.0	.0	.0
35.	* 1.0	1.0	1.0	1.0	1.1	1.0	.9	.0	.0	.0	.0
40.	* .9	1.0	1.0	1.0	1.0	.9	.9	.0	.0	.0	.0
45.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0
50.	* .9	.9	.9	.9	1.0	.9	.9	.0	.0	.0	.0
55.	* .9	.9	.9	1.0	.9	.9	.9	.0	.0	.0	.0
60.	* .9	.9	.9	.9	.9	.9	.9	.0	.0	.0	.0
65.	* .9	.9	.9	.9	1.0	.9	.9	.0	.0	.0	.0
70.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0
75.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0
80.	* .9	.9	1.0	.9	1.0	.9	.9	.0	.0	.0	.0
85.	* .9	.8	.9	.9	1.0	.9	.9	.0	.0	.0	.0
90.	* .9	.9	.9	.9	.9	.9	.9	.0	.0	.0	.0
95.	* .9	.9	.9	.9	.9	.9	.8	.0	.0	.0	.0
100.	* .9	.9	.9	.9	1.0	1.0	.8	.0	.0	.0	.0
105.	* .9	.9	1.0	.9	1.0	1.0	.8	.0	.0	.0	.0
110.	* .9	.9	1.0	1.0	1.0	1.0	.8	.0	.0	.0	.0
115.	* .9	1.0	1.0	1.0	1.1	1.0	.7	.0	.0	.0	.0

```

120. * 1.0 1.1 1.1 1.0 1.1 1.1 .7 .0 .0 .0 .0
125. * 1.1 1.1 1.1 1.2 1.1 1.1 .7 .0 .0 .0 .0
130. * 1.0 1.2 1.2 1.1 1.3 1.2 .7 .0 .0 .0 .0
135. * 1.0 1.1 1.2 1.1 1.3 1.1 .6 .0 .0 .0 .0
140. * 1.2 1.2 1.3 1.2 1.3 1.1 .5 .0 .0 .0 .0
145. * 1.2 1.2 1.5 1.3 1.4 1.1 .4 .0 .0 .0 .0
150. * 1.3 1.3 1.5 1.3 1.5 1.0 .3 .0 .0 .0 .0
155. * 1.2 1.2 1.4 1.1 1.2 .7 .2 .0 .0 .0 .0
160. * 1.0 1.1 1.2 1.1 1.1 .6 .1 .0 .0 .0 .0
165. * .9 .9 1.0 .7 .8 .4 .1 .0 .0 .0 .0
170. * .5 .6 .7 .5 .6 .2 .0 .0 .0 .0 .0
175. * .4 .4 .4 .4 .4 .1 .0 .0 .0 .0 .0
180. * .2 .2 .2 .1 .3 .1 .0 .0 .0 .0 .0
185. * .1 .1 .1 .1 .1 .0 .0 .0 .1 .2 .2
190. * .0 .0 .1 .0 .1 .0 .0 .0 .1 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .2
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2

```

18B130BA.OUT

JOB: S18 B130AM BRT

RUN: S18 B130AM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
215. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
235. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
245. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
250. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
255. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
260. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
285. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
290. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
295. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
300. * .0 .0 .0 .0 .0 .0 .0 .2 .3 .3 .3
305. * .0 .0 .0 .0 .0 .0 .0 .2 .1 .2 .2
310. * .0 .0 .0 .0 .0 .0 .0 .2 .2 .2 .2
315. * .0 .0 .0 .0 .1 .0 .0 .0 .2 .3 .3
320. * .0 .0 .0 .0 .1 .0 .1 .0 .2 .3 .3
325. * .0 .1 .1 .1 .2 .2 .1 .0 .2 .2 .2
330. * .1 .1 .2 .2 .3 .3 .3 .0 .1 .2 .2
335. * .2 .2 .4 .3 .5 .5 .5 .0 .0 .2 .2
340. * .3 .4 .6 .6 .8 .9 .9 .0 .0 .0 .0
345. * .5 .6 .9 .7 1.0 1.1 1.1 .0 .0 .0 .0
350. * .6 .9 1.2 1.2 1.2 1.4 1.3 .0 .0 .0 .0
355. * .9 1.0 1.3 1.4 1.4 1.5 1.2 .0 .0 .0 .0
360. * 1.0 1.1 1.4 1.5 1.6 1.3 1.3 .0 .0 .0 .0
-----
MAX * 1.3 1.3 1.5 1.5 1.6 1.5 1.3 .1 .2 .3 .3
DEGR. * 150 5 145 0 0 355 0 205 215 285 230

```

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 0 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 145 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 0 DEGREES FROM REC4 .

JOB: S18 B130AM BRT

DATE: 01/10/2007 TIME: 14:25:27.44

RUN: S18 B130AM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # 150 5 145 0 0 355 0 205 215 285 230
-----
1 * .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0
2 * .1 .0 .1 .0 .1 .1 .0 .0 .1 .1 .0
3 * .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0
11 * .0 .0 .1 .0 .1 .1 .1 .0 .0 .0 .0
12 * .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0
13 * .1 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .7 .9 .0 .0 .0 .1
15 * .2 .0 1.1 1.0 1.3 .5 .1 .1 .1 .1 .1
16 * .9 1.1 .0 .2 .1 .1 .0 .0 .0 .1 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

				18B130BP.DAT				
S18	B130PM	BRT		60.0175.0.0000.000110.30480000	11	1		
REC 1			233742.	563495.	5.			
REC 2			233789.	563299.	5.			
REC 3			233834.	563132.	5.			
REC 4			233892.	562904.	5.			
REC 5			233967.	562645.	5.			
REC 6			234044.	562386.	5.			
REC 7			234140.	562126.	5.			
REC 8			234504.	563744.	5.			
REC 9			234414.	563382.	5.			
REC 10			234332.	563099.	5.			
REC 11			234327.	562724.	5.			
S18	B130PM	BRT		20	1	1		
1								
	270	NB	GP	AG233881.564025.233996.563315.	3675	3.5	0 44 52.	
1								
0	270	NB	GP	AG233996.563315.234139.562740.	3675	3.5	0 44 52.	
1								
0	270	NB	GP	AG234139.562740.234273.562339.	3675	3.5	0 44 52.	
1								
0	270	NB	GP	AG234273.562339.234366.562112.	3675	3.5	0 44 52.	
1								
0	270	NB	ETLAG	AG233825.564020.233938.563401.	2450	4.0	0 32 62.	
1								
0	270	NB	ETLAG	AG233938.563401.233990.563107.	2450	4.0	0 32 62.	
1								
0	270	NB	ETLAG	AG233990.563107.234065.562798.	2450	4.0	0 32 62.	
1								
0	270	NB	ETLAG	AG234065.562798.234197.562383.	2450	4.0	0 32 62.	
1								
0	270	NB	ETLAG	AG234197.562383.234313.562095.	2450	4.0	0 32 62.	
1								
0	270	SB	ETLAG	AG234255.562080.234125.562403.	925	4.0	0 32 62.	
1								
0	270	SB	ETLAG	AG234122.562405.233952.562943.	925	4.0	0 32 62.	
1								
0	270	SB	ETLAG	AG233952.562943.233876.563250.	925	4.0	0 32 62.	
1								
0	270	SB	ETLAG	AG233876.563250.233720.563995.	925	4.0	0 32 62.	
1								
0	270	SB	GP	AG234204.562059.234034.562503.	3375	3.9	0 44 60.	
1								
0	270	SB	GP	AG234034.562503.233842.563220.	3375	3.9	0 44 60.	
1								
0	270	SB	GP	AG233842.563220.233672.563979.	3375	3.9	0 44 60.	
1								
0		NB	BUS	AG234948.564210.235157.563133.	8	0.5	0 32 20.	
1								
0		NB	BUS	AG235157.563133.235384.562486.	8	0.5	0 32 20.	
1								
0		SB	BUS	AG235347.562497.235128.563118.	8	0.5	0 32 20.	
1								
0		SB	BUS	AG235128.563118.234906.564216.	8	0.5	0 32 20.	
1.0	0.4	1000.	0.0Y	5	0	72		

1

 JOB: S18 B130PM BRT
 DATE: 01/10/2007 TIME: 14:26:11.60

RUN: S18 B130PM BRT

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	3675.	3.5	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	3675.	3.5	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	3675.	3.5	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	3675.	3.5	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	2450.	4.0	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	2450.	4.0	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	2450.	4.0	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	2450.	4.0	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	2450.	4.0	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	925.	4.0	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	925.	4.0	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	925.	4.0	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	925.	4.0	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	3375.	3.9	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	3375.	3.9	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	3375.	3.9	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	8.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	8.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	8.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	8.	.5	.0	32.0	

1

 JOB: S18 B130PM BRT
 DATE: 01/10/2007 TIME: 14:26:11.60

RUN: S18 B130PM BRT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 B130PM BRT

RUN: S18 B130PM BRT

MODEL RESULTS

 REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	* .5	.7	.9	.9	1.0	.9	.8	.0	.0	.0	.0
5.	* .6	.9	1.0	.9	1.0	.9	.7	.0	.0	.0	.0
10.	* .7	.8	.9	.9	.9	.8	.8	.0	.0	.0	.0
15.	* .8	.8	.7	.9	.9	.9	.7	.0	.0	.0	.0
20.	* .7	.8	.8	.8	.8	.7	.7	.0	.0	.0	.0
25.	* .7	.8	.7	.8	.8	.7	.7	.0	.0	.0	.0
30.	* .7	.7	.7	.7	.8	.7	.8	.0	.0	.0	.0
35.	* .7	.7	.7	.7	.8	.7	.7	.0	.0	.0	.0
40.	* .7	.7	.8	.7	.7	.7	.7	.0	.0	.0	.0
45.	* .7	.7	.7	.6	.7	.7	.7	.0	.0	.0	.0
50.	* .7	.7	.7	.6	.7	.7	.6	.0	.0	.0	.0
55.	* .6	.6	.7	.6	.7	.6	.6	.0	.0	.0	.0
60.	* .6	.7	.7	.6	.8	.6	.7	.0	.0	.0	.0
65.	* .6	.7	.7	.6	.7	.6	.7	.0	.0	.0	.0
70.	* .6	.7	.7	.6	.7	.6	.7	.0	.0	.0	.0
75.	* .7	.7	.7	.7	.7	.6	.7	.0	.0	.0	.0
80.	* .7	.7	.7	.7	.7	.6	.5	.0	.0	.0	.0
85.	* .6	.8	.7	.7	.7	.6	.5	.0	.0	.0	.0
90.	* .6	.7	.7	.7	.7	.6	.5	.0	.0	.0	.0
95.	* .6	.7	.7	.7	.7	.6	.6	.0	.0	.0	.0
100.	* .6	.7	.7	.7	.7	.7	.5	.0	.0	.0	.0
105.	* .7	.6	.7	.7	.7	.7	.4	.0	.0	.0	.0
110.	* .7	.6	.7	.7	.7	.7	.4	.0	.0	.0	.0
115.	* .6	.6	.7	.7	.7	.7	.4	.0	.0	.0	.0

```

120. * .7 .6 .8 .9 .8 .8 .4 .0 .0 .0 .0
125. * .8 .6 .8 .8 .8 .8 .4 .0 .0 .0 .0
130. * .7 .7 .8 .8 .8 .8 .3 .0 .0 .0 .0
135. * .7 .8 .8 .8 .9 .8 .3 .0 .0 .0 .0
140. * .8 .9 .9 .8 1.0 .7 .3 .0 .0 .0 .0
145. * .8 .8 .9 .8 .7 .5 .2 .0 .0 .0 .0
150. * .6 .9 .8 .9 .7 .5 .2 .0 .0 .0 .0
155. * .6 .5 .7 .8 .6 .4 .1 .0 .0 .0 .0
160. * .4 .5 .5 .5 .6 .3 .1 .0 .0 .0 .0
165. * .4 .4 .4 .4 .5 .2 .0 .0 .0 .0 .0
170. * .3 .3 .3 .3 .3 .1 .0 .0 .0 .0 .0
175. * .2 .2 .2 .1 .2 .1 .0 .0 .0 .0 .0
180. * .1 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0
185. * .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .2
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1
195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
205. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3

```

18B130BP.OUT

JOB: S18 B130PM BRT

RUN: S18 B130PM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .3
215. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
220. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
225. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
230. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
235. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
240. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .3 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
280. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .3
285. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .2
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
300. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
305. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
310. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
315. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .2
325. * .0 .0 .0 .0 .1 .1 .1 .0 .0 .1 .2
330. * .0 .1 .1 .1 .1 .2 .1 .0 .0 .1 .2
335. * .1 .1 .1 .2 .2 .3 .3 .0 .0 .1 .2
340. * .2 .2 .3 .3 .4 .4 .4 .0 .0 .0 .1
345. * .2 .3 .4 .4 .6 .5 .5 .0 .0 .0 .0
350. * .3 .4 .5 .5 .7 .6 .6 .0 .0 .0 .0
355. * .4 .6 .9 .6 .8 .8 .9 .0 .0 .0 .0
360. * .5 .7 .9 .9 1.0 .9 .8 .0 .0 .0 .0
-----
MAX * .8 .9 1.0 .9 1.0 .9 .9 .1 .2 .3 .4
DEGR. * 15 5 5 0 0 0 355 245 215 240 275

```

```

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 5 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 0 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 5 DEGREES FROM REC2 .

```

JOB: S18 B130PM BRT

DATE: 01/10/2007 TIME: 14:26:11.60

RUN: S18 B130PM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 15 5 5 0 0 0 355 245 215 240 275
-----
1 * .1 .1 .1 .1 .1 .0 .0 .1 .0 .0 .0
2 * .0 .0 .0 .0 .1 .1 .1 .0 .1 .1 .1
3 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .1 .0 .0 .0 .0 .1 .0
8 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .1
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0
12 * .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0
13 * .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .4 .5 .0 .0 .0 .0
15 * .0 .0 .4 .5 .7 .2 .1 .0 .1 .1 .1
16 * .5 .6 .3 .1 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

				18B230BA.DAT				
S18	B230AM	BRT		60.0175.0.0000.000110.30480000	11	1		
REC 1			233742.	563495.	5.			
REC 2			233789.	563299.	5.			
REC 3			233834.	563132.	5.			
REC 4			233892.	562904.	5.			
REC 5			233967.	562645.	5.			
REC 6			234044.	562386.	5.			
REC 7			234140.	562126.	5.			
REC 8			234504.	563744.	5.			
REC 9			234414.	563382.	5.			
REC 10			234332.	563099.	5.			
REC 11			234327.	562724.	5.			
S18	B230AM	BRT		20	1	1		
1								
	270	NB	GP	AG233881.564025.233996.563315.	2500	3.9	0 44 60.	
0	1							
	270	NB	GP	AG233996.563315.234139.562740.	2500	3.9	0 44 60.	
0	1							
	270	NB	GP	AG234139.562740.234273.562339.	2500	3.9	0 44 60.	
0	1							
	270	NB	GP	AG234273.562339.234366.562112.	2500	3.9	0 44 60.	
0	1							
	270	NB	ETLAG	AG233825.564020.233938.563401.	1150	3.8	0 32 59.	
0	1							
	270	NB	ETLAG	AG233938.563401.233990.563107.	1150	3.8	0 32 59.	
0	1							
	270	NB	ETLAG	AG233990.563107.234065.562798.	1150	3.8	0 32 59.	
0	1							
	270	NB	ETLAG	AG234065.562798.234197.562383.	1150	3.8	0 32 59.	
0	1							
	270	NB	ETLAG	AG234197.562383.234313.562095.	1150	3.8	0 32 59.	
0	1							
	270	SB	ETLAG	AG234255.562080.234125.562403.	2800	3.6	0 32 55.	
0	1							
	270	SB	ETLAG	AG234122.562405.233952.562943.	2800	3.6	0 32 55.	
0	1							
	270	SB	ETLAG	AG233952.562943.233876.563250.	2800	3.6	0 32 55.	
0	1							
	270	SB	ETLAG	AG233876.563250.233720.563995.	2800	3.6	0 32 55.	
0	1							
	270	SB	GP	AG234204.562059.234034.562503.	5400	3.6	0 44 54.	
0	1							
	270	SB	GP	AG234034.562503.233842.563220.	5400	3.6	0 44 54.	
0	1							
	270	SB	GP	AG233842.563220.233672.563979.	5400	3.6	0 44 54.	
0	1							
	NB	BUS		AG234948.564210.235157.563133.	12	0.5	0 32 20.	
0	1							
	NB	BUS		AG235157.563133.235384.562486.	12	0.5	0 32 20.	
0	1							
	SB	BUS		AG235347.562497.235128.563118.	13	0.5	0 32 20.	
0	1							
	SB	BUS		AG235128.563118.234906.564216.	13	0.5	0 32 20.	
1.0	0.4	1000.	0.0Y	5	0	72		

1

 JOB: S18 B230AM BRT
 DATE: 01/19/2007 TIME: 21:42:22.82
 RUN: S18 B230AM BRT

SITE & METEOROLOGICAL VARIABLES

 VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	2500.	3.9	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	2500.	3.9	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	2500.	3.9	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	2500.	3.9	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	1150.	3.8	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	1150.	3.8	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	1150.	3.8	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	1150.	3.8	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	1150.	3.8	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	2800.	3.6	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	2800.	3.6	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	2800.	3.6	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	2800.	3.6	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	5400.	3.6	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	5400.	3.6	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	5400.	3.6	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	12.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	12.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	13.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	13.	.5	.0	32.0	

1

 JOB: S18 B230AM BRT
 DATE: 01/19/2007 TIME: 21:42:22.82
 RUN: S18 B230AM BRT

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

 JOB: S18 B230AM BRT
 RUN: S18 B230AM BRT

MODEL RESULTS

 REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
0.	* .8	1.0	1.3	1.1	1.4	1.2	1.1	.0	.0	.0	.0
5.	* .9	1.0	1.2	1.3	1.2	1.1	.9	.0	.0	.0	.0
10.	* .9	1.1	1.3	1.0	1.2	1.0	.9	.0	.0	.0	.0
15.	* 1.0	1.0	1.1	1.1	1.1	1.1	.9	.0	.0	.0	.0
20.	* 1.0	1.0	1.0	1.0	1.1	.9	.8	.0	.0	.0	.0
25.	* .9	1.0	1.0	1.0	1.0	.9	.8	.0	.0	.0	.0
30.	* .9	.9	.9	.9	1.0	.9	.8	.0	.0	.0	.0
35.	* .9	.9	.9	.9	1.0	.9	.8	.0	.0	.0	.0
40.	* .9	.9	.9	.8	.9	.9	.7	.0	.0	.0	.0
45.	* .8	.9	.9	.8	.9	.7	.7	.0	.0	.0	.0
50.	* .8	.9	.9	.8	.9	.7	.7	.0	.0	.0	.0
55.	* .7	.8	.8	.8	.9	.7	.7	.0	.0	.0	.0
60.	* .7	.8	.9	.8	.8	.7	.7	.0	.0	.0	.0
65.	* .7	.8	.9	.8	.9	.8	.7	.0	.0	.0	.0
70.	* .7	.8	.9	.8	.9	.8	.7	.0	.0	.0	.0
75.	* .7	.8	.9	.8	.9	.9	.7	.0	.0	.0	.0
80.	* .7	.8	.9	.9	.9	.8	.7	.0	.0	.0	.0
85.	* .7	.7	.9	.8	.9	.7	.7	.0	.0	.0	.0
90.	* .7	.8	.9	.8	.9	.7	.7	.0	.0	.0	.0
95.	* .7	.7	.9	.8	.9	.8	.6	.0	.0	.0	.0
100.	* .7	.7	.9	.8	.9	.7	.6	.0	.0	.0	.0
105.	* .7	.7	.9	.9	.9	.7	.7	.0	.0	.0	.0
110.	* .8	.8	.9	.9	.9	.9	.7	.0	.0	.0	.0
115.	* .9	.9	.9	.9	1.0	1.0	.7	.0	.0	.0	.0

```

120. * .9 .9 1.0 .9 1.0 1.0 .6 .0 .0 .0 .0
125. * .8 1.0 1.0 1.0 1.0 1.0 .5 .0 .0 .0 .0
130. * .9 .9 1.0 1.0 1.0 1.0 .5 .0 .0 .0 .0
135. * .9 1.1 1.1 1.0 1.2 1.0 .4 .0 .0 .0 .0
140. * .9 1.1 1.2 1.1 1.1 .9 .4 .0 .0 .0 .0
145. * 1.0 1.1 1.1 1.2 1.2 .9 .3 .0 .0 .0 .0
150. * 1.1 1.1 1.1 1.1 1.2 .8 .2 .0 .0 .0 .0
155. * 1.0 1.0 1.2 .9 1.2 .7 .1 .0 .0 .0 .0
160. * .9 1.0 1.0 .8 .9 .4 .1 .0 .0 .0 .0
165. * .7 .9 .8 .7 .7 .3 .1 .0 .0 .0 .0
170. * .5 .4 .6 .4 .5 .2 .0 .0 .0 .0 .0
175. * .3 .3 .3 .3 .3 .1 .0 .0 .0 .0 .0
180. * .2 .1 .2 .1 .2 .1 .0 .0 .0 .0 .0
185. * .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0
190. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
195. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2

```

18B230BA.OUT

JOB: S18 B230AM BRT

RUN: S18 B230AM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .2
215. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
225. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
230. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
235. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .4
240. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
255. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .2 .3
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
275. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .2
280. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
285. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
290. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .3
295. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .2 .2
300. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .2
305. * .0 .0 .0 .0 .0 .0 .0 .0 .2 .1 .2
310. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .3 .2
315. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .2 .3
320. * .0 .0 .0 .0 .1 .0 .0 .0 .0 .2 .3
325. * .0 .0 .1 .1 .1 .1 .1 .0 .0 .2 .2
330. * .1 .1 .1 .1 .2 .3 .3 .0 .0 .1 .2
335. * .1 .2 .3 .3 .4 .3 .4 .0 .0 .0 .1
340. * .2 .3 .5 .4 .6 .7 .6 .0 .0 .0 .0
345. * .3 .5 .7 .7 .9 .9 1.0 .0 .0 .0 .0
350. * .6 .7 .9 .9 1.1 1.0 1.0 .0 .0 .0 .0
355. * .7 .8 1.1 1.1 1.2 1.2 1.0 .0 .0 .0 .0
360. * .8 1.0 1.3 1.1 1.4 1.2 1.1 .0 .0 .0 .0
-----
MAX * 1.1 1.1 1.3 1.3 1.4 1.2 1.1 .1 .2 .3 .4
DEGR. * 150 10 0 5 0 0 0 205 220 310 235

```

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 0 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 5 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 0 DEGREES FROM REC3 .

```

JOB: S18 B230AM BRT

DATE: 01/19/2007 TIME: 21:42:22.82

RUN: S18 B230AM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # 150 10 0 5 0 0 0 205 220 310 235
-----
1 * .0 .1 .1 .1 .0 .0 .0 .0 .0 .1 .0
2 * .1 .0 .0 .0 .1 .1 .0 .0 .1 .0 .0
3 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0
11 * .0 .0 .0 .0 .1 .2 .1 .0 .0 .0 .1
12 * .1 .0 .0 .2 .1 .0 .0 .0 .0 .0 .0
13 * .1 .2 .2 .1 .0 .0 .0 .0 .0 .1 .0
14 * .0 .0 .0 .0 .0 .6 .7 .0 .0 .0 .1
15 * .1 .0 .5 .8 1.0 .3 .1 .1 .1 .0 .1
16 * .7 .8 .5 .1 .1 .0 .0 .0 .0 .1 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```


										18B230BP.DAT									
S18	B230PM	BRT	60.0175.0.0000.000110.30480000										11	1					
REC 1			233742.	563495.	5.														
REC 2			233789.	563299.	5.														
REC 3			233834.	563132.	5.														
REC 4			233892.	562904.	5.														
REC 5			233967.	562645.	5.														
REC 6			234044.	562386.	5.														
REC 7			234140.	562126.	5.														
REC 8			234504.	563744.	5.														
REC 9			234414.	563382.	5.														
REC 10			234332.	563099.	5.														
REC 11			234327.	562724.	5.														
S18	B230PM	BRT	20 1 1																
1																			
	270	NB GP	AG233881.564025.233996.563315.	5350	3.6	0	44	55.											
0	1	270	NB GP	AG233996.563315.234139.562740.	5350	3.6	0	44	55.										
0	1	270	NB GP	AG234139.562740.234273.562339.	5350	3.6	0	44	55.										
0	1	270	NB GP	AG234273.562339.234366.562112.	5350	3.6	0	44	55.										
0	1	270	NB ETL	AG233825.564020.233938.563401.	2925	3.9	0	32	60.										
0	1	270	NB ETL	AG233938.563401.233990.563107.	2925	3.9	0	32	60.										
0	1	270	NB ETL	AG233990.563107.234065.562798.	2925	3.9	0	32	60.										
0	1	270	NB ETL	AG234065.562798.234197.562383.	2925	3.9	0	32	60.										
0	1	270	NB ETL	AG234197.562383.234313.562095.	2925	3.9	0	32	60.										
0	1	270	SB ETL	AG234255.562080.234125.562403.	1000	3.8	0	32	58.										
0	1	270	SB ETL	AG234122.562405.233952.562943.	1000	3.8	0	32	58.										
0	1	270	SB ETL	AG233952.562943.233876.563250.	1000	3.8	0	32	58.										
0	1	270	SB ETL	AG233876.563250.233720.563995.	1000	3.8	0	32	58.										
0	1	270	SB GP	AG234204.562059.234034.562503.	3200	3.9	0	44	60.										
0	1	270	SB GP	AG234034.562503.233842.563220.	3200	3.9	0	44	60.										
0	1	270	SB GP	AG233842.563220.233672.563979.	3200	3.9	0	44	60.										
0	1	NB BUS	AG234948.564210.235157.563133.	8	0.5	0	32	20.											
0	1	NB BUS	AG235157.563133.235384.562486.	8	0.5	0	32	20.											
0	1	SB BUS	AG235347.562497.235128.563118.	8	0.5	0	32	20.											
0	1	SB BUS	AG235128.563118.234906.564216.	8	0.5	0	32	20.											
1.0	0.4	1000. 0.0Y	5 0 72																

1

PAGE 1

JOB: S18 B230PM BRT RUN: S18 B230PM BRT
DATE: 01/19/2007 TIME: 21:46:52.23

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	270 NB GP	* 233881.0	564025.0	233996.0	563315.0	*	719.	171. AG	5350.	3.6	.0	44.0	
2. 0	270 NB GP	* 233996.0	563315.0	234139.0	562740.0	*	593.	166. AG	5350.	3.6	.0	44.0	
3. 0	270 NB GP	* 234139.0	562740.0	234273.0	562339.0	*	423.	162. AG	5350.	3.6	.0	44.0	
4. 0	270 NB GP	* 234273.0	562339.0	234366.0	562112.0	*	245.	158. AG	5350.	3.6	.0	44.0	
5. 0	270 NB ETL	* 233825.0	564020.0	233938.0	563401.0	*	629.	170. AG	2925.	3.9	.0	32.0	
6. 0	270 NB ETL	* 233938.0	563401.0	233990.0	563107.0	*	299.	170. AG	2925.	3.9	.0	32.0	
7. 0	270 NB ETL	* 233990.0	563107.0	234065.0	562798.0	*	318.	166. AG	2925.	3.9	.0	32.0	
8. 0	270 NB ETL	* 234065.0	562798.0	234197.0	562383.0	*	435.	162. AG	2925.	3.9	.0	32.0	
9. 0	270 NB ETL	* 234197.0	562383.0	234313.0	562095.0	*	310.	158. AG	2925.	3.9	.0	32.0	
10. 0	270 SB ETL	* 234255.0	562080.0	234125.0	562403.0	*	348.	338. AG	1000.	3.8	.0	32.0	
11. 0	270 SB ETL	* 234122.0	562405.0	233952.0	562943.0	*	564.	342. AG	1000.	3.8	.0	32.0	
12. 0	270 SB ETL	* 233952.0	562943.0	233876.0	563250.0	*	316.	346. AG	1000.	3.8	.0	32.0	
13. 0	270 SB ETL	* 233876.0	563250.0	233720.0	563995.0	*	761.	348. AG	1000.	3.8	.0	32.0	
14. 0	270 SB GP	* 234204.0	562059.0	234034.0	562503.0	*	475.	339. AG	3200.	3.9	.0	44.0	
15. 0	270 SB GP	* 234034.0	562503.0	233842.0	563220.0	*	742.	345. AG	3200.	3.9	.0	44.0	
16. 0	270 SB GP	* 233842.0	563220.0	233672.0	563979.0	*	778.	347. AG	3200.	3.9	.0	44.0	
17. 0	NB BUS	* 234948.0	564210.0	235157.0	563133.0	*	1097.	169. AG	8.	.5	.0	32.0	
18. 0	NB BUS	* 235157.0	563133.0	235384.0	562486.0	*	686.	161. AG	8.	.5	.0	32.0	
19. 0	SB BUS	* 235347.0	562497.0	235128.0	563118.0	*	658.	341. AG	8.	.5	.0	32.0	
20. 0	SB BUS	* 235128.0	563118.0	234906.0	564216.0	*	1120.	349. AG	8.	.5	.0	32.0	

1

JOB: S18 B230PM BRT RUN: S18 B230PM BRT
DATE: 01/19/2007 TIME: 21:46:52.23

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	233742.0	563495.0	5.0	*
2. REC 2	*	233789.0	563299.0	5.0	*
3. REC 3	*	233834.0	563132.0	5.0	*
4. REC 4	*	233892.0	562904.0	5.0	*
5. REC 5	*	233967.0	562645.0	5.0	*
6. REC 6	*	234044.0	562386.0	5.0	*
7. REC 7	*	234140.0	562126.0	5.0	*
8. REC 8	*	234504.0	563744.0	5.0	*
9. REC 9	*	234414.0	563382.0	5.0	*
10. REC 10	*	234332.0	563099.0	5.0	*
11. REC 11	*	234327.0	562724.0	5.0	*

1

JOB: S18 B230PM BRT RUN: S18 B230PM BRT

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.5	.8	.9	1.0	.9	1.1	.8	.0	.0	.0	.0
5.	*	.7	.8	.9	1.0	1.0	.9	.8	.0	.0	.0	.0
10.	*	.8	.8	1.0	.9	1.1	.9	.9	.0	.0	.0	.0
15.	*	.7	.9	.8	.9	.9	.9	.9	.0	.0	.0	.0
20.	*	.7	.8	.9	.8	.9	.8	.8	.0	.0	.0	.0
25.	*	.8	.8	.8	.9	.9	.7	.8	.0	.0	.0	.0
30.	*	.8	.8	.8	.9	.9	.8	.8	.0	.0	.0	.0
35.	*	.8	.8	.8	.8	.9	.8	.8	.0	.0	.0	.0
40.	*	.8	.8	.8	.8	.8	.8	.7	.0	.0	.0	.0
45.	*	.7	.8	.8	.7	.8	.8	.6	.0	.0	.0	.0
50.	*	.7	.8	.7	.7	.7	.7	.7	.0	.0	.0	.0
55.	*	.7	.8	.7	.6	.8	.7	.7	.0	.0	.0	.0
60.	*	.7	.7	.8	.6	.8	.7	.7	.0	.0	.0	.0
65.	*	.7	.7	.8	.6	.8	.7	.7	.0	.0	.0	.0
70.	*	.7	.6	.8	.7	.7	.7	.7	.0	.0	.0	.0
75.	*	.7	.6	.8	.8	.7	.7	.7	.0	.0	.0	.0
80.	*	.7	.7	.8	.8	.8	.7	.6	.0	.0	.0	.0
85.	*	.7	.7	.8	.7	.8	.5	.6	.0	.0	.0	.0
90.	*	.7	.7	.8	.7	.8	.6	.5	.0	.0	.0	.0
95.	*	.7	.6	.8	.7	.8	.7	.5	.0	.0	.0	.0
100.	*	.6	.6	.9	.8	.8	.8	.6	.0	.0	.0	.0
105.	*	.7	.7	.8	.8	.8	.8	.4	.0	.0	.0	.0
110.	*	.7	.7	.8	.8	.8	.7	.4	.0	.0	.0	.0
115.	*	.7	.7	.8	.7	.8	.7	.4	.0	.0	.0	.0

```

120. * .8 .7 .8 .9 .8 .7 .4 .0 .0 .0 .0
125. * .8 .7 .9 .9 .9 .8 .3 .0 .0 .0 .0
130. * .8 .9 .9 .8 .9 .8 .3 .0 .0 .0 .0
135. * .7 1.0 .9 .8 1.0 .8 .3 .0 .0 .0 .0
140. * .8 .9 .9 .8 1.1 .7 .2 .0 .0 .0 .0
145. * .8 .9 1.0 .8 .8 .5 .2 .0 .0 .0 .0
150. * .7 1.0 1.0 .9 .9 .4 .1 .0 .0 .0 .0
155. * .6 .8 .8 .9 .6 .4 .1 .0 .0 .0 .0
160. * .5 .5 .5 .5 .5 .3 .1 .0 .0 .0 .0
165. * .3 .4 .4 .4 .5 .2 .0 .0 .0 .0 .0
170. * .3 .3 .3 .3 .3 .1 .0 .0 .0 .0 .1
175. * .2 .1 .2 .1 .2 .1 .0 .0 .0 .0 .1
180. * .1 .1 .1 .1 .1 .0 .0 .0 .0 .1 .2
185. * .0 .0 .1 .0 .0 .0 .0 .0 .0 .1 .3
190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3
195. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .4
200. * .0 .0 .0 .0 .0 .0 .0 .0 .1 .2 .3
205. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4

```

18B230BP.OUT

JOB: S18 B230PM BRT

RUN: S18 B230PM BRT

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
-----
210. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
215. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .4
220. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
225. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
230. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .3
235. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .3
240. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
245. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
250. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
255. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
260. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .3 .4
265. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .3
270. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .4
275. * .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .4
280. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .1 .4
285. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
290. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .4
295. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .3 .4
300. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .4 .4
305. * .0 .0 .0 .0 .0 .0 .0 .1 .3 .4 .4
310. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .4 .4
315. * .0 .0 .0 .0 .0 .0 .0 .1 .3 .3 .3
320. * .0 .0 .0 .0 .0 .0 .0 .1 .2 .2 .2
325. * .0 .0 .0 .0 .1 .1 .1 .0 .0 .2 .3
330. * .0 .1 .1 .1 .1 .2 .1 .0 .0 .1 .3
335. * .1 .1 .1 .2 .2 .3 .3 .0 .0 .1 .2
340. * .1 .2 .3 .3 .4 .3 .4 .0 .0 .1 .2
345. * .2 .3 .4 .4 .5 .5 .6 .0 .0 .0 .1
350. * .3 .4 .5 .5 .7 .8 .7 .0 .0 .0 .0
355. * .4 .6 .8 .7 .9 .9 .9 .0 .0 .0 .0
360. * .5 .8 .9 1.0 .9 1.1 .8 .0 .0 .0 .0
-----
MAX * .8 1.0 1.0 1.0 1.1 1.1 .9 .1 .2 .4 .4
DEGR. * 10 135 10 0 10 0 355 205 220 300 195

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 10 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 135 DEGREES FROM REC2 .

JOB: S18 B230PM BRT

DATE: 01/19/2007 TIME: 21:46:52.23

RUN: S18 B230PM BRT

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11
LINK # * 10 135 10 0 10 0 355 205 220 300 195
-----
1 * .1 .0 .2 .1 .1 .1 .0 .0 .0 .1 .0
2 * .0 .2 .0 .0 .2 .1 .1 .1 .1 .1 .0
3 * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .2
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .1 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0
6 * .0 .1 .0 .1 .0 .0 .0 .0 .0 .1 .0
7 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0
12 * .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0
13 * .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .4 .5 .0 .0 .0 .1
15 * .0 .1 .4 .5 .6 .2 .1 .0 .1 .0 .0
16 * .5 .4 .2 .1 .0 .0 .0 .0 .0 .1 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

Site 19 I-270 Ramps @ MD 121

				S19exam.dat			
				60.0175.0.0000.00	160.30480000	1	1
SITE 19	EXAM						
REC 1	NB ONRAMP	232187.	570066.	5.			
REC 2	NB ONRAMP	232082.	570337.	5.			
REC 3	NB ONRAMP	232074.	570451.	5.			
REC 4	NB ONRAMP	232085.	570539.	5.			
REC 5	NB ONRAMP	232137.	570706.	5.			
REC 6	NB ONRAMP	232072.	570716.	5.			
REC 7	NB ONRAMP	231974.	570519.	5.			
REC 8	NB ONRAMP	231871.	570370.	5.			
REC 9	SB ONRAMP	231337.	569685.	5.			
REC 10	SB ONRAMP	231421.	569771.	5.			
REC 11	SB ONRAMP	231276.	569630.	5.			
REC 12	SB ONRAMP	231181.	569547.	5.			
REC 13	SB ONRAMP	231211.	569696.	5.			
REC 14	SB ONRAMP	231230.	569781.	5.			
REC 15	SB ONRAMP	231126.	569607.	5.			
REC 16	SB ONRAMP	231206.	569883.	5.			
S19	EX AM			64	1	1	
1							
1	NB I270	AG232070.569259.231698.570071.		1923	4.2	0.44.	67.
2	NB I270	AG231698.570071.231466.570534.		1923	4.2	0.44.	67.
3	NB I270	AG231466.570534.231235.570909.		1982	4.2	0.44.	67.
4	NB HOV	AG232054.569250.231686.570052.		1	4.2	0.32.	67.
5	NB HOV	AG231686.570052.231433.570536.		1	4.2	0.32.	67.
6	NB HOV	AG231433.570536.231216.570901.		1	4.2	0.32.	67.
7	SB I270	AG231167.570882.231439.570438.		3149	3.8	0.56.	58.2
8	SB I270	AG231439.570438.231597.570134.		3149	3.8	0.56.	58.2
9	SB I270t	AG231597.570134.232008.569228.		3811	3.8	0.56.	58.2
14	NB OFF	RAMAG232084.569262.232010.569450.		141	2.7	0.32.	30.
15	NB OFF	RAMAG232010.569450.232005.569530.		141	2.7	0.32.	30.
16	NB OFF	RAMAG232005.569530.232031.569604.		141	2.7	0.32.	30.
17	NB OFF	RAMAG232031.569604.232188.569768.		141	2.7	0.32.	30.
18	NB OFF	RAMAG232188.569768.232197.569909.		141	2.7	0.32.	30.
19	NB OFF	RAMAG232197.569909.232039.570390.		141	2.7	0.32.	30.
20	NB OFFR L	AG232039.570390.232006.570481.		12	3.0	0.32.	15.
22	NB OFFRR	AG232039.570390.232043.570493.		129	2.7	0.32.	30.
23	NB OFFRR	AG232043.570493.232074.570555.		129	2.7	0.32.	30.
24	NB OFFRR	AG232074.570555.232097.570646.		129	2.7	0.32.	30.
25	WB MD121	AG232125.570876.232085.570671.		732	2.7	0.44.	30.
26	WB MD121	AG232085.570671.232030.570534.		732	2.7	0.44.	30.
27	WB MD121	TAG232030.570534.231988.570472.		732	3.0	0.56.	15.
30	WB MD121	AG231988.570472.231538.569967.		712	2.7	0.44.	30.
31	I270 SB	ONAG231538.569967.231461.569912.		653	2.7	0.32.	30.
31	I270 SB	ONAG231461.569912.231353.569884.		653	2.7	0.32.	30.
31	I270 SB	ONAG231353.569884.231234.569967.		653	2.7	0.32.	30.
74	eb121 to	sAG231325.569736.231234.569967.		9	2.7	0.32.	30.
31	I270 SB	ONAG231234.569967.231124.570250.		662	2.7	0.32.	30.
31	I270 SB	ONAG231124.570250.231157.570405.		662	2.7	0.32.	30.
31	I270 SB	ONAG231157.570405.231251.570456.		662	2.7	0.32.	30.
31	I270 SB	ONAG231251.570456.231345.570440.		662	2.7	0.32.	30.
31	I270 SB	ONAG231345.570440.231442.570351.		662	2.7	0.32.	30.
31	I270 SB	ONAG231442.570351.231544.570185.		662	2.7	0.32.	30.
31	I270 SB	ONAG231544.570185.231597.570134.		662	2.7	0.32.	30.
44	WB 121 T	AG231543.569968.231323.569728.		59	3.0	0.32.	15.
42	WB 121	AG231323.569728.231211.569607.		59	2.7	0.32.	30.
43	WB 121	AG231211.569607.231064.569513.		59	2.7	0.32.	30.
44	WB 121	AG231064.569513.230937.569472.		69	2.7	0.32.	30.
45	SB OFRAMP	AG231152.570876.231242.570727.		56	2.7	0.32.	30.
46	SB OFRAMP	AG231242.570727.231262.570661.		56	2.7	0.32.	30.
47	SB OFRAMP	AG231262.570661.231233.570530.		56	2.7	0.32.	30.
48	SB OFRAMP	AG231233.570530.231126.570399.		56	2.7	0.32.	30.
49	SB OFRAMP	AG231126.570399.231107.570246.		56	2.7	0.32.	30.
50	SB OFRAMP	AG231107.570246.231261.569850.		56	2.7	0.32.	30.

				S19exam.dat				
51	1	SB OFF R	AG231261.569850.231254.569683.	10	2.7	0.	32.	30.
52	1	SB OFF R	AG231254.569683.231180.569589.	10	2.7	0.	32.	30.
53	1	SB OFF L	AG231261.569850.231314.569715.	46	3.0	0.	32.	15.
55	1	EB 121	AG230942.569464.231098.569516.	89	2.7	0.	32.	30.
56	1	EB 121	AG231098.569516.231231.569612.	89	2.7	0.	32.	30.
57	1	EB 121	AG231231.569612.231332.569721.	89	3.0	0.	44.	15.
59	1	EB 121	AG231332.569721.231783.570221.	126	2.7	0.	32.	30.
60	1	I270 ON	RAAG231783.570221.231866.570279.	27	2.7	0.	32.	30.
61	1	I270 ON	RAAG231866.570279.231954.570292.	27	2.7	0.	32.	30.
61	1	I270 ON	RAAG231954.570292.232074.570226.	27	2.7	0.	32.	30.
61	1	I270 ON	RAAG232074.570226.232167.569932.	59	2.7	0.	32.	30.
61	1	I270 ON	RAAG232167.569932.232144.569747.	59	2.7	0.	32.	30.
61	1	I270 ON	RAAG232144.569747.231995.569702.	59	2.7	0.	32.	30.
61	1	I270 ON	RAAG231995.569702.231883.569776.	59	2.7	0.	32.	30.
61	1	I270 ON	RAAG231883.569776.231710.570049.	59	2.7	0.	32.	30.
68	1	121 TO 270	AG232003.570450.232074.570226.	32	2.7	0.	32.	30.
69	1	E 121 T	AG231783.570221.231997.570466.	99	3.0	0.	44.	15.
71	1	E 121	AG231997.570466.232048.570550.	99	2.7	0.	32.	30.
71	1	E 121	AG232048.570550.232097.570646.	99	2.7	0.	32.	30.
73	1	E 121	AG232097.570646.232140.570871.	228	2.7	0.	32.	30.
1.0	0.4	1000. 0.0Y	5 0 72					

JOB: SITE 19 EXAM
DATE: 12/14/2006 TIME: 13:12:12.35

RUN: S19 EX AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB I270	*	232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	1923.	4.2	.0	44.0	
2. 2	NB I270	*	231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	1923.	4.2	.0	44.0	
3. 3	NB I270	*	231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	1982.	4.2	.0	44.0	
4. 4	NB HOV	*	232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	1.	4.2	.0	32.0	
5. 5	NB HOV	*	231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	1.	4.2	.0	32.0	
6. 6	NB HOV	*	231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	1.	4.2	.0	32.0	
7. 7	SB I270	*	231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	3149.	3.8	.0	56.0	
8. 8	SB I270	*	231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	3149.	3.8	.0	56.0	
9. 9	SB I270t	*	231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	3811.	3.8	.0	56.0	
10. 14	NB OFF RAM*	*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	141.	2.7	.0	32.0	
11. 15	NB OFF RAM*	*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	141.	2.7	.0	32.0	
12. 16	NB OFF RAM*	*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	141.	2.7	.0	32.0	
13. 17	NB OFF RAM*	*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	141.	2.7	.0	32.0	
14. 18	NB OFF RAM*	*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	141.	2.7	.0	32.0	
15. 19	NB OFF RAM*	*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	141.	2.7	.0	32.0	
16. 20	NB OFFR L	*	232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	12.	3.0	.0	32.0	
17. 22	NB OFFRR	*	232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	129.	2.7	.0	32.0	
18. 23	NB OFFRR	*	232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	129.	2.7	.0	32.0	
19. 24	NB OFFRR	*	232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	129.	2.7	.0	32.0	
20. 25	WB MD121	*	232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	732.	2.7	.0	44.0	
21. 26	WB MD121	*	232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	732.	2.7	.0	44.0	
22. 27	WB MD121 T	*	232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	732.	3.0	.0	56.0	
23. 30	WB MD121	*	231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	712.	2.7	.0	44.0	
24. 31	I270 SB ON*	*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	653.	2.7	.0	32.0	
25. 31	I270 SB ON*	*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	653.	2.7	.0	32.0	
26. 31	I270 SB ON*	*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	653.	2.7	.0	32.0	
27. 74	eb121 to s	*	231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	9.	2.7	.0	32.0	
28. 31	I270 SB ON*	*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	662.	2.7	.0	32.0	
29. 31	I270 SB ON*	*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	662.	2.7	.0	32.0	
30. 31	I270 SB ON*	*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	662.	2.7	.0	32.0	
31. 31	I270 SB ON*	*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	662.	2.7	.0	32.0	
32. 31	I270 SB ON*	*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	662.	2.7	.0	32.0	
33. 31	I270 SB ON*	*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	662.	2.7	.0	32.0	
34. 31	I270 SB ON*	*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	662.	2.7	.0	32.0	
35. 44	WB 121 T	*	231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	59.	3.0	.0	32.0	
36. 42	WB 121	*	231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	59.	2.7	.0	32.0	
37. 43	WB 121	*	231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	59.	2.7	.0	32.0	
38. 44	WB 121	*	231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	69.	2.7	.0	32.0	
39. 45	SB OFRAMP	*	231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	56.	2.7	.0	32.0	
40. 46	SB OFRAMP	*	231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	56.	2.7	.0	32.0	
41. 47	SB OFRAMP	*	231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	56.	2.7	.0	32.0	
42. 48	SB OFRAMP	*	231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	56.	2.7	.0	32.0	
43. 49	SB OFRAMP	*	231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	56.	2.7	.0	32.0	
44. 50	SB OFRAMP	*	231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	56.	2.7	.0	32.0	

JOB: SITE 19 EXAM
DATE: 12/14/2006 TIME: 13:12:12.35

RUN: S19 EX AM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
45. 51	SB OFF R	*	231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	10.	2.7	.0	32.0	
46. 52	SB OFF R	*	231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	10.	2.7	.0	32.0	
47. 53	SB OFF L	*	231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	46.	3.0	.0	32.0	
48. 55	EB 121	*	230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	89.	2.7	.0	32.0	
49. 56	EB 121	*	231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	89.	2.7	.0	32.0	
50. 57	EB 121	*	231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	89.	3.0	.0	44.0	
51. 59	EB 121	*	231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	126.	2.7	.0	32.0	
52. 60	I270 ON RA*	*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	27.	2.7	.0	32.0	
53. 61	I270 ON RA*	*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	27.	2.7	.0	32.0	
54. 61	I270 ON RA*	*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	27.	2.7	.0	32.0	
55. 61	I270 ON RA*	*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	59.	2.7	.0	32.0	
56. 61	I270 ON RA*	*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	59.	2.7	.0	32.0	
57. 61	I270 ON RA*	*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	59.	2.7	.0	32.0	
58. 61	I270 ON RA*	*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	59.	2.7	.0	32.0	
59. 61	I270 ON RA*	*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	59.	2.7	.0	32.0	
60. 68	121 TO 270	*	232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	32.	2.7	.0	32.0	
61. 69	E 121 T	*	231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	99.	3.0	.0	44.0	
62. 71	E 121	*	231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	99.	2.7	.0	32.0	
63. 71	E 121	*	232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	99.	2.7	.0	32.0	
64. 73	E 121	*	232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	228.	2.7	.0	32.0	

JOB: SITE 19 EXAM
DATE: 12/14/2006 TIME: 13:12:12.35

RUN: S19 EX AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	COORDINATES (FT) Y	Z	*
	*				*

				*			*	
1.	REC 1	NB	ONRAMP	*	232187.0	570066.0	5.0	*
2.	REC 2	NB	ONRAMP	*	232082.0	570337.0	5.0	*
3.	REC3	NB	ONRAMP	*	232074.0	570451.0	5.0	*
4.	REC 4	NB	ONRAMP	*	232085.0	570539.0	5.0	*
5.	REC 5	NB	ONRAMP	*	232137.0	570706.0	5.0	*
6.	REC 6	NB	ONRAMP	*	232072.0	570716.0	5.0	*
7.	REC 7	NB	ONRAMP	*	231974.0	570519.0	5.0	*
8.	REC 8	NB	ONRAMP	*	231871.0	570370.0	5.0	*
9.	REC 9	SB	ONRAMP	*	231337.0	569685.0	5.0	*
10.	REC 10	SB	ONRAMP	*	231421.0	569771.0	5.0	*
11.	REC 11	SB	ONRAMP	*	231276.0	569630.0	5.0	*
12.	REC 12	SB	ONRAMP	*	231181.0	569547.0	5.0	*
13.	REC 13	SB	ONRAMP	*	231211.0	569696.0	5.0	*
14.	REC 14	SB	ONRAMP	*	231230.0	569781.0	5.0	*
15.	REC 15	SB	ONRAMP	*	231126.0	569607.0	5.0	*
16.	REC 16	SB	ONRAMP	*	231206.0	569883.0	5.0	*

1

JOB: SITE 19 EXAM

RUN: S19 EX AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

IND ANGLE (DEGR)	* CONCENTRATION (PPM)															
	* REC1	* REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1
40.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1
45.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1
50.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0
55.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
60.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
80.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
85.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
105.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
110.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
115.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1
130.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
135.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
140.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
145.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
150.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
155.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
160.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
165.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
170.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
175.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
180.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0</			

1

JOB: SITE 19 EXAM

RUN: S19 EX AM

PAGE 5

[illegible]

THE HIGHEST CONCENTRATION IS .30 PPM AT 175 DEGREES FROM REC8 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 190 DEGREES FROM REC7 .
THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 200 DEGREES FROM REC1 .

RUN: S19 EX AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

1

RUN: S19 EX AM

PAGE 7

Page 3

				S19exPM.DAT			
				60.0175.0.0000.00	160.30480000	1	1
SITE 19	EXPM						
REC 1	NB ONRAMP	232187.	570066.	5.			
REC 2	NB ONRAMP	232082.	570337.	5.			
REC 3	NB ONRAMP	232074.	570451.	5.			
REC 4	NB ONRAMP	232085.	570539.	5.			
REC 5	NB ONRAMP	232137.	570706.	5.			
REC 6	NB ONRAMP	232072.	570716.	5.			
REC 7	NB ONRAMP	231974.	570519.	5.			
REC 8	NB ONRAMP	231871.	570370.	5.			
REC 9	SB ONRAMP	231337.	569685.	5.			
REC 10	SB ONRAMP	231421.	569771.	5.			
REC 11	SB ONRAMP	231276.	569630.	5.			
REC 12	SB ONRAMP	231181.	569547.	5.			
REC 13	SB ONRAMP	231211.	569696.	5.			
REC 14	SB ONRAMP	231230.	569781.	5.			
REC 15	SB ONRAMP	231126.	569607.	5.			
REC 16	SB ONRAMP	231206.	569883.	5.			
S19	EX PM			64	1	1	
1							
1	NB I270	AG232070.569259.231698.570071.	3623	4.1	0.44.	63.2	
2	NB I270	AG231698.570071.231466.570534.	3623	4.1	0.44.	63.2	
3	NB I270	AG231466.570534.231235.570909.	3819	4.1	0.44.	63.2	
4	NB HOV	AG232054.569250.231686.570052.	712	4.1	0.32.	63.2	
5	NB HOV	AG231686.570052.231433.570536.	712	4.1	0.32.	63.2	
6	NB HOV	AG231433.570536.231216.570901.	712	4.2	0.32.	63.3	
7	SB I270	AG231167.570882.231439.570438.	2213	3.9	0.56.	60.5	
8	SB I270	AG231439.570438.231597.570134.	2213	3.9	0.56.	60.5	
9	SB I270 T	AG231597.570134.232008.569228.	2376	3.9	0.56.	60.5	
14	NB OFF	RAMAG232084.569262.232010.569450.	478	2.7	0.32.	30.	
15	NB OFF	RAMAG232010.569450.232005.569530.	478	2.7	0.32.	30.	
16	NB OFF	RAMAG232005.569530.232031.569604.	478	2.7	0.32.	30.	
17	NB OFF	RAMAG232031.569604.232188.569768.	478	2.7	0.32.	30.	
18	NB OFF	RAMAG232188.569768.232197.569909.	478	2.7	0.32.	30.	
19	NB OFF	RAMAG232197.569909.232039.570390.	478	2.7	0.32.	30.	
20	NB OFFR L	AG232039.570390.232006.570481.	22	3.0	0.32.	15.	
22	NB OFFRR	AG232039.570390.232043.570493.	456	2.7	0.32.	30.	
23	NB OFFRR	AG232043.570493.232074.570555.	456	2.7	0.32.	30.	
24	NB OFFRR	AG232074.570555.232097.570646.	456	2.7	0.32.	30.	
25	WB MD121	AG232125.570876.232085.570671.	395	2.7	0.44.	30.	
26	WB MD121	AG232085.570671.232030.570534.	395	2.7	0.44.	30.	
27	WB MD121	TAG232030.570534.231988.570472.	395	3.0	0.56.	15.	
30	WB MD121	AG231988.570472.231538.569967.	377	2.7	0.44.	30.	
31	I270 SB	ONAG231538.569967.231461.569912.	155	2.7	0.32.	30.	
31	I270 SB	ONAG231461.569912.231353.569884.	155	2.7	0.32.	30.	
31	I270 SB	ONAG231353.569884.231234.569967.	155	2.7	0.32.	30.	
74	wb121 to s	AG231325.569736.231234.569967.	8	2.7	0.32.	30.	
31	I270 SB	ONAG231234.569967.231124.570250.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231124.570250.231157.570405.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231157.570405.231251.570456.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231251.570456.231345.570440.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231345.570440.231442.570351.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231442.570351.231544.570185.	163	2.7	0.32.	30.	
31	I270 SB	ONAG231544.570185.231597.570134.	163	2.7	0.32.	30.	
44	WB 121 T	AG231543.569968.231323.569728.	202	3.0	0.32.	15.	
42	WB 121	AG231323.569728.231211.569607.	202	2.7	0.32.	30.	
43	WB 121	AG231211.569607.231064.569513.	202	2.7	0.32.	30.	
44	WB 121	AG231064.569513.230937.569472.	223	2.7	0.32.	30.	
45	SB OFRAMP	AG231152.570876.231242.570727.	66	2.7	0.32.	30.	
46	SB OFRAMP	AG231242.570727.231262.570661.	66	2.7	0.32.	30.	
47	SB OFRAMP	AG231262.570661.231233.570530.	66	2.7	0.32.	30.	
48	SB OFRAMP	AG231233.570530.231126.570399.	66	2.7	0.32.	30.	
49	SB OFRAMP	AG231126.570399.231107.570246.	66	2.7	0.32.	30.	
50	SB OFRAMP	AG231107.570246.231261.569850.	66	2.7	0.32.	30.	

				S19exPM.DAT				
51	1	SB OFF R	AG231261.569850.231254.569683.	21	2.7	0.	32.	30.
52	1	SB OFF R	AG231254.569683.231180.569589.	21	2.7	0.	32.	30.
53	1	SB OFF L	AG231261.569850.231314.569715.	45	3.0	0.	32.	15.
55	1	EB 121	AG230942.569464.231098.569516.	264	2.7	0.	32.	30.
56	1	EB 121	AG231098.569516.231231.569612.	264	2.7	0.	32.	30.
57	1	EB 121	AG231231.569612.231332.569721.	264	3.0	0.	44.	15.
59	1	EB 121	AG231332.569721.231783.570221.	301	2.7	0.	32.	30.
60	1	I270 ON	RAAG231783.570221.231866.570279.	156	2.7	0.	32.	30.
61	1	I270 ON	RAAG231866.570279.231954.570292.	156	2.7	0.	32.	30.
61	1	I270 ON	RAAG231954.570292.232074.570226.	156	2.7	0.	32.	30.
61	1	I270 ON	RAAG232074.570226.232167.569932.	196	2.7	0.	32.	30.
61	1	I270 ON	RAAG232167.569932.232144.569747.	196	2.7	0.	32.	30.
61	1	I270 ON	RAAG232144.569747.231995.569702.	196	2.7	0.	32.	30.
61	1	I270 ON	RAAG231995.569702.231883.569776.	196	2.7	0.	32.	30.
61	1	I270 ON	RAAG231883.569776.231710.570049.	196	2.7	0.	32.	30.
68	1	121 TO 270	AG232003.570450.232074.570226.	40	2.7	0.	32.	30.
69	1	E 121 T	AG231783.570221.231997.570466.	145	3.0	0.	44.	15.
71	1	E 121	AG231997.570466.232048.570550.	145	2.7	0.	32.	30.
71	1	E 121	AG232048.570550.232097.570646.	145	2.7	0.	32.	30.
73	1	E 121	AG232097.570646.232140.570871.	601	2.7	0.	32.	30.
1.0	0.4	1000. 0.0Y	5 0 72					

JOB: SITE 19 EXPM
DATE: 12/14/2006 TIME: 13:13:17.11

RUN: S19 EX PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	3623.	4.1	.0	44.0	
2. 2	NB I270	* 231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	3623.	4.1	.0	44.0	
3. 3	NB I270	* 231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	3819.	4.1	.0	44.0	
4. 4	NB HOV	* 232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	712.	4.1	.0	32.0	
5. 5	NB HOV	* 231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	712.	4.1	.0	32.0	
6. 6	NB HOV	* 231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	712.	4.2	.0	32.0	
7. 7	SB I270	* 231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	2213.	3.9	.0	56.0	
8. 8	SB I270	* 231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	2213.	3.9	.0	56.0	
9. 9	SB I270 T	* 231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	2376.	3.9	.0	56.0	
10. 14	NB OFF RAM*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	478.	2.7	.0	32.0	
11. 15	NB OFF RAM*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	478.	2.7	.0	32.0	
12. 16	NB OFF RAM*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	478.	2.7	.0	32.0	
13. 17	NB OFF RAM*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	478.	2.7	.0	32.0	
14. 18	NB OFF RAM*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	478.	2.7	.0	32.0	
15. 19	NB OFF RAM*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	478.	2.7	.0	32.0	
16. 20	NB OFFR L	* 232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	22.	3.0	.0	32.0	
17. 22	NB OFFRR	* 232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	456.	2.7	.0	32.0	
18. 23	NB OFFRR	* 232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	456.	2.7	.0	32.0	
19. 24	NB OFFRR	* 232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	456.	2.7	.0	32.0	
20. 25	WB MD121	* 232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	395.	2.7	.0	44.0	
21. 26	WB MD121	* 232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	395.	2.7	.0	44.0	
22. 27	WB MD121 T	* 232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	395.	3.0	.0	56.0	
23. 30	WB MD121	* 231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	377.	2.7	.0	44.0	
24. 31	I270 SB ON*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	155.	2.7	.0	32.0	
25. 31	I270 SB ON*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	155.	2.7	.0	32.0	
26. 31	I270 SB ON*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	155.	2.7	.0	32.0	
27. 74	wb121 to s	* 231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	8.	2.7	.0	32.0	
28. 31	I270 SB ON*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	163.	2.7	.0	32.0	
29. 31	I270 SB ON*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	163.	2.7	.0	32.0	
30. 31	I270 SB ON*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	163.	2.7	.0	32.0	
31. 31	I270 SB ON*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	163.	2.7	.0	32.0	
32. 31	I270 SB ON*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	163.	2.7	.0	32.0	
33. 31	I270 SB ON*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	163.	2.7	.0	32.0	
34. 31	I270 SB ON*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	163.	2.7	.0	32.0	
35. 44	WB 121 T	* 231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	202.	3.0	.0	32.0	
36. 42	WB 121	* 231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	202.	2.7	.0	32.0	
37. 43	WB 121	* 231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	202.	2.7	.0	32.0	
38. 44	WB 121	* 231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	223.	2.7	.0	32.0	
39. 45	SB OFRAMP	* 231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	66.	2.7	.0	32.0	
40. 46	SB OFRAMP	* 231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	66.	2.7	.0	32.0	
41. 47	SB OFRAMP	* 231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	66.	2.7	.0	32.0	
42. 48	SB OFRAMP	* 231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	66.	2.7	.0	32.0	
43. 49	SB OFRAMP	* 231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	66.	2.7	.0	32.0	
44. 50	SB OFRAMP	* 231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	66.	2.7	.0	32.0	

JOB: SITE 19 EXPM
DATE: 12/14/2006 TIME: 13:13:17.11

RUN: S19 EX PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 51	SB OFF R	* 231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	21.	2.7	.0	32.0	
46. 52	SB OFF R	* 231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	21.	2.7	.0	32.0	
47. 53	SB OFF L	* 231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	45.	3.0	.0	32.0	
48. 55	EB 121	* 230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	264.	2.7	.0	32.0	
49. 56	EB 121	* 231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	264.	2.7	.0	32.0	
50. 57	EB 121	* 231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	264.	3.0	.0	44.0	
51. 59	EB 121	* 231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	301.	2.7	.0	32.0	
52. 60	I270 ON RA*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	156.	2.7	.0	32.0	
53. 61	I270 ON RA*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	156.	2.7	.0	32.0	
54. 61	I270 ON RA*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	156.	2.7	.0	32.0	
55. 61	I270 ON RA*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	196.	2.7	.0	32.0	
56. 61	I270 ON RA*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	196.	2.7	.0	32.0	
57. 61	I270 ON RA*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	196.	2.7	.0	32.0	
58. 61	I270 ON RA*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	196.	2.7	.0	32.0	
59. 61	I270 ON RA*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	196.	2.7	.0	32.0	
60. 68	121 TO 270	* 232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	40.	2.7	.0	32.0	
61. 69	E 121 T	* 231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	145.	3.0	.0	44.0	
62. 71	E 121	* 231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	145.	2.7	.0	32.0	
63. 71	E 121	* 232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	145.	2.7	.0	32.0	
64. 73	E 121	* 232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	601.	2.7	.0	32.0	

JOB: SITE 19 EXPM
DATE: 12/14/2006 TIME: 13:13:17.11

RUN: S19 EX PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
	*				*

[illegible]

1

JOB: SITE 19 EXPM

RUN: S19 EX PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.0	.1	.0
35.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.1	.1	.0	.1	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.1
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.1
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	.1	.0	.1	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.1	.1	.0	.1	.1
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.1	.0	.2	.1
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.1	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0				

1

JOB: SITE 19 EXPM

RUN: S19 EX PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)															
	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16
210.	*	.1	.1	.1	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
220.	*	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
225.	*	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
230.	*	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	*	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	*	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.1	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.1	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
255.	*	.1	.1	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
260.	*	.1	.1	.1	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.1	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0
275.	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0
280.	*	.1	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	*	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
290.	*	.1	.0	.1	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.1	.1	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0

S19EXPM.OUT

315.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
320.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
325.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
330.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
335.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
340.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
345.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
350.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
355.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
360.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	*	.1	.2	.1	.2	.1	.1	.1	.4	.2	.2	.1	.1	.1	.1	.2	
DEGR.	*	195	185	185	235	190	25	180	210	60	35	20	60	30	25	70	110

THE HIGHEST CONCENTRATION IS .40 PPM AT 210 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 185 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 235 DEGREES FROM REC4 .

1

JOB: SITE 19 EXPM RUN: S19 EX PM
 DATE: 12/14/2006 TIME: 13:13:17.11

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 185	REC3 185	REC4 235	REC5 190	REC6 25	REC7 180	REC8 210	REC9 60	REC10 35	REC11 20	REC12 60	REC13 30	REC14 25	REC15 70	REC16 110
1	*	.1	.1	.1	.0	.1	.0	.1	.1	.1	.0	.0	.1	.0	.0	.1	.1
2	*	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.1	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 EXPM RUN: S19 EX PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 185	REC3 185	REC4 235	REC5 190	REC6 25	REC7 180	REC8 210	REC9 60	REC10 35	REC11 20	REC12 60	REC13 30	REC14 25	REC15 70	REC16 110
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S19NB15A.DAT

SITE 19 NB15AM	60.0175.0.0000.00	160.30480000	1	1
REC 1 NB ONRAMP	232187.	570066.	5.	
REC 2 NB ONRAMP	232082.	570337.	5.	
REC 3 NB ONRAMP	232074.	570451.	5.	
REC 4 NB ONRAMP	232085.	570539.	5.	
REC 5 NB ONRAMP	232137.	570706.	5.	
REC 6 NB ONRAMP	232072.	570716.	5.	
REC 7 NB ONRAMP	231974.	570519.	5.	
REC 8 NB ONRAMP	231871.	570370.	5.	
REC 9 SB ONRAMP	231337.	569685.	5.	
REC 10 SB ONRAMP	231421.	569771.	5.	
REC 11 SB ONRAMP	231276.	569630.	5.	
REC 12 SB ONRAMP	231181.	569547.	5.	
REC 13 SB ONRAMP	231211.	569696.	5.	
REC 14 SB ONRAMP	231230.	569781.	5.	
REC 15 SB ONRAMP	231126.	569607.	5.	
REC 16 SB ONRAMP	231206.	569883.	5.	
S19 NB15 AM	70	1	1	

1	1	NB 270 AP	AG232070.569259.231698.570071.	2425 4.7	0. 44.	65.
2	1	NB 270 AP	AG231698.570071.231466.570534.	2425 4.7	0. 44.	65.
3	1	NB 270 DP	AG231466.570534.231235.570909.	1675 4.7	0. 44.	65.
4	1	NB HOV	AG232054.569250.231686.570052.	116.2	0. 32.	67.
5	1	NB HOV	AG231686.570052.231433.570536.	116.2	0. 32.	67.
6	1	NB HOV	AG231433.570536.231216.570901.	116.2	0. 32.	67.
7	1	SB 270 AP	AG231167.570882.231439.570438.	4000 4.3	0. 56.	59.
8	1	SB 270 AP	AG231439.570438.231597.570134.	4000 4.3	0. 56.	59.
9	1	SB 270 DP	AG231597.570134.232008.569228.	5500 4.4	0. 56.	60.
14	1	NB OFF	RAMAG232084.569262.232010.569450.	825 3.0	0. 32.	30.
15	1	NB OFF	RAMAG232010.569450.232005.569530.	825 3.0	0. 32.	30.
16	1	NB OFF	RAMAG232005.569530.232031.569604.	825 3.0	0. 32.	30.
17	1	NB OFF	RAMAG232031.569604.232188.569768.	825 3.0	0. 32.	30.
18	1	NB OFF	RAMAG232188.569768.232197.569909.	825 3.0	0. 32.	30.
19	1	NB OFF	RAMAG232197.569909.232039.570390.	825 3.0	0. 32.	30.
20	2	NB OFFR L	AG232039.570390.232006.570481.	450 3.0	0. 32.	30.
55	31	NB OFFR L	AG232013.570461.232027.570424.	0. 12.	1	
			2.0 450 33.4 1770 1 1			
22	1	NB OFFRR	AG232039.570390.232043.570493.	1 3.0	0. 32.	30.
23	1	NB OFFRR	AG232043.570493.232074.570555.	1 3.0	0. 32.	30.
24	1	NB OFFRR	AG232074.570555.232097.570646.	1 3.0	0. 32.	30.
25	1	WB MD121	AG232125.570876.232085.570671.	1225 3.1	0. 44.	35.
26	1	WB MD121	AG232085.570671.232030.570534.	1225 3.1	0. 44.	35.
27	2	WB MD121	AG232030.570534.231988.570472.	1225 3.1	0. 44.	35.
55	21	WB MD121	AG232013.570461.232027.570424.	0. 12.	1	
			2.0 1225 33.4 1558 1 1			
29	1	WB MD121	AG231988.570472.231538.569967.	1650 3.1	0. 44.	35.
31	1	I270 SB	ONAG231538.569967.231461.569912.	725 3.0	0. 32.	30.
31	1	I270 SB	ONAG231461.569912.231353.569884.	725 3.0	0. 32.	30.
31	1	I270 SB	ONAG231353.569884.231234.569967.	725 3.0	0. 32.	30.
74	1	eb121toCir	AG231325.569736.231234.569967.	675 3.3	0. 32.	40.
31	1	270 SB	CirAG231234.569967.231124.570250.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231124.570250.231157.570405.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231157.570405.231251.570456.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231251.570456.231345.570440.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231345.570440.231442.570351.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231442.570351.231544.570185.	100 3.0	0. 32.	30.
31	1	270 SB	CirAG231544.570185.231597.570134.	100 3.0	0. 32.	30.
44	2	WB 121 T	AG231543.569968.231323.569728.	650 3.1	0. 44.	35.
90	52	WB 121 T	AG231337.569743.231410.569823.	0. 12.	1	
			2.0 650 33.4 1863 1 1			
42	1	WB 121 dp	AG231323.569728.231211.569607.	650 3.1	0. 44.	35.
43	1	WB121dpAll	AG231211.569607.231064.569513.	725 3.1	0. 44.	35.
44	1	WB121dpAll	AG231064.569513.230937.569472.	725 3.1	0. 44.	35.
45	1	SB OFRAMP	AG231152.570876.231242.570727.	100 3.0	0. 32.	30.

S19NB15A.DAT									
46	1	SB	OFRAMP	AG231242.570727.231262.570661.	100	3.0	0.	32.	30.
47	1	SB	OFRAMP	AG231262.570661.231233.570530.	100	3.0	0.	32.	30.
48	1	SB	OFRAMP	AG231233.570530.231126.570399.	100	3.0	0.	32.	30.
49	1	SB	OFRAMP	AG231126.570399.231107.570246.	100	3.0	0.	32.	30.
50	1	SB	OFRAMP	AG231107.570246.231261.569850.	100	3.0	0.	32.	30.
51	1	SB	OFF R	AG231261.569850.231254.569683.	1	3.0	0.	32.	30.
52	1	SB	OFF R	AG231254.569683.231180.569589.	1	3.0	0.	32.	30.
53	1	SB	OFF L	AG231261.569850.231314.569715.	25	3.0	0.	32.	30.
54	2	SB	OFF L	AG231304.569742.231270.569828.2.0 25 33.4 1770 1 1	0.	12.	1		
55	1	EB	121	AG230942.569464.231098.569516.	675	3.3	0.	32.	40.
56	1	EB	121	AG231098.569516.231231.569612.	675	3.3	0.	32.	40.
57	1	EB	121	AG231231.569612.231332.569721.	675	3.3	0.	32.	40.
58	2	EB	121	AG231304.569742.231270.569828.2.0 675 33.4 1032 1 1	0.	12.	1		
59	1	EB	121dp	AG231332.569721.231783.570221.	100	3.3	0.	32.	40.
60	1	270NBtoCir	AG231783.570221.231866.570279.	450	3.0	0.	32.	30.	
61	1	270NBtoCir	AG231866.570279.231954.570292.	450	3.0	0.	32.	30.	
62	1	270NBtoCir	AG231954.570292.232074.570226.	450	3.0	0.	32.	30.	
63	1	270 NB Cir	AG232074.570226.232167.569932.	450	3.0	0.	32.	30.	
64	1	270 NB Cir	AG232167.569932.232144.569747.	450	3.0	0.	32.	30.	
65	1	270 NB Cir	AG232144.569747.231995.569702.	450	3.0	0.	32.	30.	
66	1	270 NB Cir	AG231995.569702.231883.569776.	450	3.0	0.	32.	30.	
67	1	270 NB Cir	AG231883.569776.231710.570049.	450	3.0	0.	32.	30.	
68	1	121 TO	270AG232003.570450.232074.570226.	50	3.0	0.	32.	30.	
69	1	E	121 T	AG231783.570221.231997.570466.	50	3.3	0.	32.	40.
70	2	EB	121	AG231304.569742.231270.569828.2.0 50 33.4 1770 1 1	0.	12.	1		
71	1	E	121	AG231997.570466.232048.570550.	50	3.3	0.	32.	40.
72	1	E	121	AG232048.570550.232097.570646.	50	3.3	0.	32.	40.
73	1	E	121 all	AG232097.570646.232140.570871.	425	3.3	0.	32.	40.
74	1.0	0.4	1000.0	0.0Y 5 0 72					

JOB: SITE 19 NB15AM
DATE: 01/12/2007 TIME: 11:00:03.64

RUN: S19 NB15 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270 AP	* 232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	2425.	4.7	.0	44.0	
2. 2	NB 270 AP	* 231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	2425.	4.7	.0	44.0	
3. 3	NB 270 DP	* 231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	1675.	4.7	.0	44.0	
4. 4	NB HOV	* 232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	1.	16.2	.0	32.0	
7. 7	SB 270 AP	* 231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	4000.	4.3	.0	56.0	
8. 8	SB 270 AP	* 231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	4000.	4.3	.0	56.0	
9. 9	SB 270 DP	* 231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	5500.	4.4	.0	56.0	
10. 14	NB OFF RAM*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	825.	3.0	.0	32.0	
11. 15	NB OFF RAM*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	825.	3.0	.0	32.0	
12. 16	NB OFF RAM*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	825.	3.0	.0	32.0	
13. 17	NB OFF RAM*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	825.	3.0	.0	32.0	
14. 18	NB OFF RAM*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	825.	3.0	.0	32.0	
15. 19	NB OFF RAM*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	825.	3.0	.0	32.0	
16. 20	NB OFFRR L	* 232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	450.	3.0	.0	32.0	
17. 20	NB OFFRR L	* 232013.0	570461.0	232046.7	570371.9	*	95.	159. AG	50. 100.0	.0	12.0	.70	4.8
18. 22	NB OFFRR	* 232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	1. 3.0	.0	32.0		
19. 23	NB OFFRR	* 232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	1. 3.0	.0	32.0		
20. 24	NB OFFRR	* 232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	1. 3.0	.0	32.0		
21. 25	WB MD121	* 232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	1225.	3.1	.0	44.0	
22. 26	WB MD121	* 232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	1225.	3.1	.0	44.0	
23. 27	WB MD121	* 232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	1225.	3.1	.0	44.0	
24. 28	WB MD121	* 232013.0	570461.0	233483.6	566571.8	*	4158.	159. AG	34. 100.0	.0	12.0	1.44	211.2
25. 29	WB MD121	* 231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	1650.	3.1	.0	44.0	
26. 31	I270 SB ON*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	725.	3.0	.0	32.0	
27. 31	I270 SB ON*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	725.	3.0	.0	32.0	
28. 31	I270 SB ON*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	725.	3.0	.0	32.0	
29. 74	eb121toCir*	231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	675.	3.3	.0	32.0	
30. 31	270 SB Cir*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	100.	3.0	.0	32.0	
31. 31	270 SB Cir*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	100.	3.0	.0	32.0	
32. 31	270 SB Cir*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	100.	3.0	.0	32.0	
33. 31	270 SB Cir*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	100.	3.0	.0	32.0	
34. 31	270 SB Cir*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	100.	3.0	.0	32.0	
35. 31	270 SB Cir*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	100.	3.0	.0	32.0	
36. 31	270 SB Cir*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	100.	3.0	.0	32.0	
37. 44	WB 121 T	* 231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	650.	3.1	.0	44.0	
38. 42	WB 121 T	* 231337.0	569743.0	231537.8	569963.0	*	298.	42. AG	52. 100.0	.0	12.0	.92	15.1
39. 42	WB 121 dp	* 231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	650.	3.1	.0	44.0	
40. 43	WB121dpAll*	231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	725.	3.1	.0	44.0	
41. 44	WB121dpAll*	231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	725.	3.1	.0	44.0	
42. 45	SB OFRAMP	* 231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	100.	3.0	.0	32.0	
43. 46	SB OFRAMP	* 231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	100.	3.0	.0	32.0	
44. 47	SB OFRAMP	* 231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	100.	3.0	.0	32.0	

JOB: SITE 19 NB15AM
DATE: 01/12/2007 TIME: 11:00:03.64

RUN: S19 NB15 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	SB OFRAMP	* 231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	100.	3.0	.0	32.0	
46. 49	SB OFRAMP	* 231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	100.	3.0	.0	32.0	
47. 50	SB OFRAMP	* 231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	100.	3.0	.0	32.0	
48. 51	SB OFF R	* 231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	1.	3.0	.0	32.0	
49. 52	SB OFF R	* 231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	1.	3.0	.0	32.0	
50. 53	SB OFF L	* 231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	25.	3.0	.0	32.0	
51. 53	SB OFF L	* 231304.0	569742.0	231299.9	569752.4	*	11.	338. AG	68. 100.0	.0	12.0	.07	.6
52. 55	EB 121	* 230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	675.	3.3	.0	32.0	
53. 56	EB 121	* 231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	675.	3.3	.0	32.0	
54. 57	EB 121	* 231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	675.	3.3	.0	32.0	
55. 57	EB 121	* 231304.0	569742.0	231253.9	569868.7	*	136.	338. AG	20. 100.0	.0	12.0	.89	6.9
56. 59	EB 121dp	* 231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	100.	3.3	.0	32.0	
57. 60	270NBtoCir*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	450.	3.0	.0	32.0	
58. 61	270NBtoCir*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	450.	3.0	.0	32.0	
59. 61	270NBtoCir*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	450.	3.0	.0	32.0	
60. 61	270 NB Cir*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	450.	3.0	.0	32.0	
61. 61	270 NB Cir*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	450.	3.0	.0	32.0	
62. 61	270 NB Cir*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	450.	3.0	.0	32.0	
63. 61	270 NB Cir*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	450.	3.0	.0	32.0	
64. 61	270 NB Cir*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	450.	3.0	.0	32.0	
65. 68	121 TO 270*	232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	50.	3.0	.0	32.0	
66. 69	E 121 T	* 231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	50.	3.3	.0	32.0	
67. 71	EB 121	* 231304.0	569742.0	231301.2	569749.1	*	8.	338. AG	46. 100.0	.0	12.0	.07	.4
68. 71	E 121	* 231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	50.	3.3	.0	32.0	
69. 71	E 121	* 232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	50.	3.3	.0	32.0	
70. 73	E 121 all	* 232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	425.	3.3	.0	32.0	

JOB: SITE 19 NB15AM
DATE: 01/12/2007 TIME: 11:00:03.64

RUN: S19 NB15 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

S19NB15A.OUT									
17.	NB OFFR L	*	55	31	2.0	450	1770	33.40	1
24.	WB MD121	*	55	21	2.0	1225	1558	33.40	1
38.	WB 121 T	*	90	52	2.0	650	1863	33.40	1
51.	SB OFF L	*	90	68	2.0	25	1770	33.40	1
55.	EB 121	*	90	20	2.0	675	1032	33.40	1
67.	EB 121	*	55	28	2.0	50	1770	33.40	1

RECEPTOR LOCATIONS

RECEPTOR		COORDINATES (FT)		
		X	Y	Z
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0
2. REC 2 NB ONRAMP	*	232082.0	570337.0	5.0
3. REC3 NB ONRAMP	*	232074.0	570451.0	5.0
4. REC 4 NB ONRAMP	*	232085.0	570539.0	5.0
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0
6. REC 6 NB ONRAMP	*	232072.0	570716.0	5.0
7. REC 7 NB ONRAMP	*	231974.0	570519.0	5.0
8. REC 8 NB ONRAMP	*	231871.0	570370.0	5.0
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0
13. REC 13 SB ONRAMP	*	231211.0	569696.0	5.0
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0
15. REC 15 SB ONRAMP	*	231126.0	569607.0	5.0
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0

JOB: SITE 19 NB15AM

RUN: S19 NB15 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.4	.2	.2	.0	.1	.0	.1
5.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.3	.2	.2	.1	.1	.0	.1
10.	*	.0	.0	.0	.0	.0	.1	.0	.0	.3	.4	.2	.2	.1	.1	.0	.1
15.	*	.0	.0	.0	.0	.0	.2	.0	.0	.3	.4	.3	.2	.0	.0	.0	.1
20.	*	.0	.0	.0	.0	.0	.2	.0	.1	.3	.5	.3	.2	.1	.1	.0	.0
25.	*	.0	.0	.0	.0	.0	.2	.0	.1	.3	.5	.3	.1	.1	.1	.0	.1
30.	*	.0	.0	.0	.0	.0	.2	.1	.1	.3	.4	.3	.1	.1	.1	.0	.1
35.	*	.0	.0	.0	.0	.0	.2	.1	.2	.3	.3	.3	.2	.1	.1	.0	.1
40.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.3	.2	.1	.1	.0	.1
45.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.3	.1	.1	.1	.1	.1	.1
50.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1
55.	*	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.1	.1	.2	.1	.1	.2
60.	*	.0	.0	.0	.0	.0	.1	.1	.3	.1	.3	.1	.1	.2	.1	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.1	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.1	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.1
80.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.1
85.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.2
95.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.2
100.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.2
105.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.2	.2
110.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.1	.1	.1	.1	.2	.2
115.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.1	.0	.1	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.1	.0	.1	.1	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.0	.0	.1	.1	.1	.1
130.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.1
135.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.1	.0
140.	*	.0	.0	.0	.0	.0	.1	.2	.2	.0	.1	.0	.0	.0	.0	.1	.0
145.	*	.0	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
150.	*	.1	.1	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
155.	*	.1	.1	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
160.	*	.1	.2	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
165.	*	.1	.2	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
170.	*	.1	.2	.1	.1	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.1	.0
175.	*	.1	.2	.2	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.1	.0
180.	*	.2	.3	.3	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.1	.0
185.	*	.2	.3	.3	.1	.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.1	.0
190.	*	.3	.4	.4	.1	.1	.3	.3	.6	.0	.0	.0	.0	.0	.0	.1	.0
195.	*	.3	.4	.3	.2	.1	.3	.3	.6	.0	.0	.0	.0	.0	.0	.1	.0
200.	*	.4	.4	.3	.2	.1	.2	.4	.6	.0	.0	.0	.0	.0	.0	.1	.0
205.	*	.4	.4	.3	.1	.2	.3	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: SITE 19 NB15AM

RUN: S19 NB15 AM

PAGE 5

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.4	.4	.2	.1	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.4	.4	.2	.2	.3	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.4	.4	.2	.2	.3	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.4	.3	.3	.2	.1	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.4	.3	.3	.2	.1	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.3	.3	.2	.2	.1	.2	.3	.1	.0	.1	.0	.0	.0	.0	.0
240.	*	.4	.3	.2	.3	.1	.0	.2	.3	.1	.0	.2	.0	.0	.0	.0	.0
245.	*	.4	.4	.4	.3	.1	.0	.2	.3	.2	.0	.2	.1	.0	.0	.0	.0
250.	*	.4	.3	.4	.2	.1	.0	.2	.2	.2	.0	.2	.1	.0	.0	.0	.0

S19NB15A.OUT

255.	*	.4	.5	.4	.2	.1	.1	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0
260.	*	.3	.5	.3	.1	.2	.1	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0
265.	*	.3	.5	.2	.0	.2	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
270.	*	.3	.5	.1	.2	.2	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
275.	*	.3	.5	.2	.2	.1	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
280.	*	.2	.3	.1	.2	.1	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0
285.	*	.4	.4	.1	.2	.1	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
290.	*	.4	.4	.1	.1	.1	.0	.1	.1	.2	.1	.2	.2	.0	.0	.0	.0
295.	*	.3	.3	.0	.1	.1	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0
300.	*	.2	.3	.1	.1	.1	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0
305.	*	.3	.2	.1	.1	.1	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0
310.	*	.2	.3	.1	.1	.1	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0
315.	*	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
320.	*	.2	.3	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
325.	*	.2	.3	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
330.	*	.2	.2	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
335.	*	.2	.2	.0	.1	.1	.0	.0	.0	.2	.1	.2	.2	.0	.0	.0	.0
340.	*	.1	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
345.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0
350.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0
355.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0
360.	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.4	.2	.2	.0	.1	.0	.1
MAX	*	.4	.5	.4	.3	.3	.3	.4	.6	.3	.5	.3	.2	.2	.2	.2	.2
DEGR.	*	200	255	190	240	215	185	200	190	10	20	15	0	55	75	105	55

THE HIGHEST CONCENTRATION IS .60 PPM AT 190 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 255 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 20 DEGREES FROM REC10.

1

JOB: SITE 19 NB15AM
 DATE: 01/12/2007 TIME: 11:00:03.64

RUN: S19 NB15 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 200	REC2 255	REC3 190	REC4 240	REC5 215	REC6 185	REC7 200	REC8 190	REC9 10	REC10 20	REC11 15	REC12 0	REC13 55	REC14 75	REC15 105	REC16 55
1	*	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1
9	*	.1	.0	.1	.0	.1	.1	.1	.2	.0	.1	.0	.0	.1	.1	.1	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.1	.1	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 NB15AM

RUN: S19 NB15 AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 200	REC2 255	REC3 190	REC4 240	REC5 215	REC6 185	REC7 200	REC8 190	REC9 10	REC10 20	REC11 15	REC12 0	REC13 55	REC14 75	REC15 105	REC16 55
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

										S19NB15A.OUT					
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S19NB15P.DAT

SITE 19 NB15PM	60.0175.0.0000.00 160.30480000	1	1
REC 1 NB ONRAMP	232187. 570066. 5.		
REC 2 NB ONRAMP	232082. 570337. 5.		
REC 3 NB ONRAMP	232074. 570451. 5.		
REC 4 NB ONRAMP	232085. 570539. 5.		
REC 5 NB ONRAMP	232137. 570706. 5.		
REC 6 NB ONRAMP	232072. 570716. 5.		
REC 7 NB ONRAMP	231974. 570519. 5.		
REC 8 NB ONRAMP	231871. 570370. 5.		
REC 9 SB ONRAMP	231337. 569685. 5.		
REC 10 SB ONRAMP	231421. 569771. 5.		
REC 11 SB ONRAMP	231276. 569630. 5.		
REC 12 SB ONRAMP	231181. 569547. 5.		
REC 13 SB ONRAMP	231211. 569696. 5.		
REC 14 SB ONRAMP	231230. 569781. 5.		
REC 15 SB ONRAMP	231126. 569607. 5.		
REC 16 SB ONRAMP	231206. 569883. 5.		
S19 NB15 PM	70 1 1		

1	1	NB 270 AP	AG232070.569259.231698.570071.	5600 3.6 0. 44.	46.
2	1	NB 270 AP	AG231698.570071.231466.570534.	5600 3.6 0. 44.	46.
3	1	NB 270 DP	AG231466.570534.231235.570909.	4100 4.3 0. 44.	58.
4	1	NB HOV	AG232054.569250.231686.570052.	116.2 0. 32.	67.
5	1	NB HOV	AG231686.570052.231433.570536.	116.2 0. 32.	67.
6	1	NB HOV	AG231433.570536.231216.570901.	116.2 0. 32.	67.
7	1	SB 270 AP	AG231167.570882.231439.570438.	1900 4.6 0. 56.	63.
8	1	SB 270 AP	AG231439.570438.231597.570134.	1900 4.6 0. 56.	63.
9	1	SB 270 DP	AG231597.570134.232008.569228.	3175 4.5 0. 56.	62.
14	1	NB OFF	RAMAG232084.569262.232010.569450.	1575 3.0 0. 32.	30.
15	1	NB OFF	RAMAG232010.569450.232005.569530.	1575 3.0 0. 32.	30.
16	1	NB OFF	RAMAG232005.569530.232031.569604.	1575 3.0 0. 32.	30.
17	1	NB OFF	RAMAG232031.569604.232188.569768.	1575 3.0 0. 32.	30.
18	1	NB OFF	RAMAG232188.569768.232197.569909.	1575 3.0 0. 32.	30.
19	1	NB OFF	RAMAG232197.569909.232039.570390.	1575 3.0 0. 32.	30.
20	2	NB OFFR L	AG232039.570390.232006.570481.	675 3.0 0. 32.	30.
65	30	NB OFFR L	AG232013.570461.232027.570424.	0. 12. 1	
			2.0 675 33.4 1770 1 1		
22	1	NB OFFRR	AG232039.570390.232043.570493.	1 3.0 0. 32.	30.
23	1	NB OFFRR	AG232043.570493.232074.570555.	1 3.0 0. 32.	30.
24	1	NB OFFRR	AG232074.570555.232097.570646.	1 3.0 0. 32.	30.
25	1	WB MD121	AG232125.570876.232085.570671.	825 3.1 0. 44.	35.
26	1	WB MD121	AG232085.570671.232030.570534.	825 3.1 0. 44.	35.
27	2	WB MD121	AG232030.570534.231988.570472.	825 3.1 0. 44.	35.
65	33	WB MD121	AG232013.570461.232027.570424.	0. 12. 1	
			2.0 825 33.4 1535 1 1		
29	1	WB MD121	AG231988.570472.231538.569967.	825 3.1 0. 44.	35.
31	1	I270 SB	ONAG231538.569967.231461.569912.	750 3.0 0. 32.	30.
31	1	I270 SB	ONAG231461.569912.231353.569884.	750 3.0 0. 32.	30.
31	1	I270 SB	ONAG231353.569884.231234.569967.	750 3.0 0. 32.	30.
74	1	eb121toCir	AG231325.569736.231234.569967.	700 3.0 0. 32.	30.
31	1	270 SB	CirAG231234.569967.231124.570250.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231124.570250.231157.570405.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231157.570405.231251.570456.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231251.570456.231345.570440.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231345.570440.231442.570351.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231442.570351.231544.570185.	75 3.0 0. 32.	30.
31	1	270 SB	CirAG231544.570185.231597.570134.	75 3.0 0. 32.	30.
44	2	WB 121 T	AG231543.569968.231323.569728.	725 3.0 0. 44.	35.
110	58	WB 121 T	AG231337.569743.231410.569823.	0. 12. 1	
			2.0 725 33.4 1863 1 1		
42	1	WB 121 dp	AG231323.569728.231211.569607.	725 3.0 0. 44.	35.
43	1	WB121dpAll	AG231211.569607.231064.569513.	750 3.0 0. 44.	35.
44	1	WB121dpAll	AG231064.569513.230937.569472.	750 3.0 0. 44.	35.
45	1	SB OFRAMP	AG231152.570876.231242.570727.	50 3.0 0. 32.	30.

						S19NB1SP.DAT	
46	1	SB OFRAMP	AG231242.570727.231262.570661.	50	3.0	0. 32.	30.
47	1	SB OFRAMP	AG231262.570661.231233.570530.	50	3.0	0. 32.	30.
48	1	SB OFRAMP	AG231233.570530.231126.570399.	50	3.0	0. 32.	30.
49	1	SB OFRAMP	AG231126.570399.231107.570246.	50	3.0	0. 32.	30.
50	1	SB OFRAMP	AG231107.570246.231261.569850.	50	3.0	0. 32.	30.
51	1	SB OFF R	AG231261.569850.231254.569683.	1	3.0	0. 32.	30.
52	1	SB OFF R	AG231254.569683.231180.569589.	1	3.0	0. 32.	30.
53	1	SB OFF L	AG231261.569850.231314.569715.	25	3.0	0. 32.	30.
54	2	SB OFF L	AG231304.569742.231270.569828. 110 88 2.0 25 33.4 1770 1 1	0. 12.	1		
55	1	EB 121	AG230942.569464.231098.569516.	700	3.1	0. 32.	40.
56	1	EB 121	AG231098.569516.231231.569612.	700	3.1	0. 32.	40.
57	1	EB 121	AG231231.569612.231332.569721.	700	3.1	0. 32.	40.
58	2	EB 121	AG231304.569742.231270.569828. 110 20 2.0 700 33.4 1005 1 1	0. 12.	1		
59	1	EB 121dp	AG231332.569721.231783.570221.	150	3.1	0. 32.	40.
60	1	270NBtoCir	AG231783.570221.231866.570279.	675	3.0	0. 32.	30.
61	1	270NBtoCir	AG231866.570279.231954.570292.	675	3.0	0. 32.	30.
62	1	270NBtoCir	AG231954.570292.232074.570226.	675	3.0	0. 32.	30.
63	1	270 NB Cir	AG232074.570226.232167.569932.	675	3.0	0. 32.	30.
64	1	270 NB Cir	AG232167.569932.232144.569747.	675	3.0	0. 32.	30.
65	1	270 NB Cir	AG232144.569747.231995.569702.	675	3.0	0. 32.	30.
66	1	270 NB Cir	AG231995.569702.231883.569776.	675	3.0	0. 32.	30.
67	1	270 NB Cir	AG231883.569776.231710.570049.	675	3.0	0. 32.	30.
68	1	121 TO 270	AG232003.570450.232074.570226.	100	3.0	0. 32.	30.
69	1	E 121 T	AG231783.570221.231997.570466.	100	3.1	0. 32.	40.
70	2	EB 121	AG231304.569742.231270.569828. 65 40 2.0 100 33.4 1770 1 1	0. 12.	1		
71	1	E 121	AG231997.570466.232048.570550.	100	3.1	0. 32.	40.
72	1	E 121	AG232048.570550.232097.570646.	100	3.1	0. 32.	40.
73	1	E 121 all	AG232097.570646.232140.570871.	1000	3.1	0. 32.	40.
74	1.0	0.4 1000. 0.0Y	5 0 72				

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

DATE: 01/12/2007 TIME: 11:04:43.15

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270 AP	* 232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	5600.	3.6	.0	44.0	
2. 2	NB 270 AP	* 231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	5600.	3.6	.0	44.0	
3. 3	NB 270 DP	* 231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	4100.	4.3	.0	44.0	
4. 4	NB HOV	* 232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	1.	16.2	.0	32.0	
7. 7	SB 270 AP	* 231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	1900.	4.6	.0	56.0	
8. 8	SB 270 AP	* 231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	1900.	4.6	.0	56.0	
9. 9	SB 270 DP	* 231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	3175.	4.5	.0	56.0	
10. 14	NB OFF RAM*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	1575.	3.0	.0	32.0	
11. 15	NB OFF RAM*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	1575.	3.0	.0	32.0	
12. 16	NB OFF RAM*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	1575.	3.0	.0	32.0	
13. 17	NB OFF RAM*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	1575.	3.0	.0	32.0	
14. 18	NB OFF RAM*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	1575.	3.0	.0	32.0	
15. 19	NB OFF RAM*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	1575.	3.0	.0	32.0	
16. 20	NB OFFRR L	* 232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	675.	3.0	.0	32.0	
17. 1	NB OFFRR L	* 232013.0	570461.0	232065.9	570321.1	*	150.	159. AG	41. 100.0	.0	12.0	.80	7.6
18. 22	NB OFFRR	* 232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	1. 3.0	.0	32.0		
19. 23	NB OFFRR	* 232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	1. 3.0	.0	32.0		
20. 24	NB OFFRR	* 232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	1. 3.0	.0	32.0		
21. 25	WB MD121	* 232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	825.	3.1	.0	44.0	
22. 26	WB MD121	* 232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	825.	3.1	.0	44.0	
23. 27	WB MD121	* 232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	825.	3.1	.0	44.0	
24. 1	WB MD121	* 232013.0	570461.0	232724.8	568578.5	*	2013.	159. AG	45. 100.0	.0	12.0	1.25	102.2
25. 29	WB MD121	* 231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	825.	3.1	.0	44.0	
26. 31	I270 SB ON*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	750.	3.0	.0	32.0	
27. 31	I270 SB ON*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	750.	3.0	.0	32.0	
28. 31	I270 SB ON*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	750.	3.0	.0	32.0	
29. 74	eb121toCir*	231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	700.	3.0	.0	32.0	
30. 31	270 SB Cir*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	75.	3.0	.0	32.0	
31. 31	270 SB Cir*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	75.	3.0	.0	32.0	
32. 31	270 SB Cir*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	75.	3.0	.0	32.0	
33. 31	270 SB Cir*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	75.	3.0	.0	32.0	
34. 31	270 SB Cir*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	75.	3.0	.0	32.0	
35. 31	270 SB Cir*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	75.	3.0	.0	32.0	
36. 31	270 SB Cir*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	75.	3.0	.0	32.0	
37. 44	WB 121 T	* 231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	725.	3.0	.0	44.0	
38. 1	WB 121 T	* 231337.0	569743.0	231554.8	569981.7	*	323.	42. AG	47. 100.0	.0	12.0	.89	16.4
39. 42	WB 121 dp	* 231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	725.	3.0	.0	44.0	
40. 43	WB121dpAll*	231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	750.	3.0	.0	44.0	
41. 44	WB121dpAll*	231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	750.	3.0	.0	44.0	
42. 45	SB OFRAMP	* 231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	50.	3.0	.0	32.0	
43. 46	SB OFRAMP	* 231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	50.	3.0	.0	32.0	
44. 47	SB OFRAMP	* 231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	50.	3.0	.0	32.0	

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

DATE: 01/12/2007 TIME: 11:04:43.15

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	SB OFRAMP	* 231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	50.	3.0	.0	32.0	
46. 49	SB OFRAMP	* 231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	50.	3.0	.0	32.0	
47. 50	SB OFRAMP	* 231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	50.	3.0	.0	32.0	
48. 51	SB OFF R	* 231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	1. 3.0	.0	32.0		
49. 52	SB OFF R	* 231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	1. 3.0	.0	32.0		
50. 53	SB OFF L	* 231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	25. 3.0	.0	32.0		
51. 1	SB OFF L	* 231304.0	569742.0	231298.5	569755.9	*	15.	338. AG	72. 100.0	.0	12.0	.09	.8
52. 55	EB 121	* 230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	700.	3.1	.0	32.0	
53. 56	EB 121	* 231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	700.	3.1	.0	32.0	
54. 57	EB 121	* 231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	700.	3.1	.0	32.0	
55. 1	EB 121	* 231304.0	569742.0	231254.1	569868.3	*	136.	338. AG	16. 100.0	.0	12.0	.89	6.9
56. 59	EB 121dp	* 231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	150.	3.1	.0	32.0	
57. 60	270NBtoCir*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	675.	3.0	.0	32.0	
58. 61	270NBtoCir*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	675.	3.0	.0	32.0	
59. 61	270NBtoCir*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	675.	3.0	.0	32.0	
60. 61	270 NB Cir*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	675.	3.0	.0	32.0	
61. 61	270 NB Cir*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	675.	3.0	.0	32.0	
62. 61	270 NB Cir*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	675.	3.0	.0	32.0	
63. 61	270 NB Cir*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	675.	3.0	.0	32.0	
64. 61	270 NB Cir*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	675.	3.0	.0	32.0	
65. 68	121 TO 270*	232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	100.	3.0	.0	32.0	
66. 69	E 121 T	* 231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	100.	3.1	.0	32.0	
67. 1	EB 121	* 231304.0	569742.0	231295.1	569764.5	*	24.	338. AG	55. 100.0	.0	12.0	.18	1.2
68. 71	E 121	* 231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	100.	3.1	.0	32.0	
69. 71	E 121	* 232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	100.	3.1	.0	32.0	
70. 73	E 121 all	* 232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	1000.	3.1	.0	32.0	

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

DATE: 01/12/2007 TIME: 11:04:43.15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

S19NB15P.OUT

17.	NB OFFR L	*	65	30	2.0	675	1770	33.40	1	1
24.	WB MD121	*	65	33	2.0	825	1535	33.40	1	1
38.	WB 121 T	*	110	58	2.0	725	1863	33.40	1	1
51.	SB OFF L	*	110	88	2.0	25	1770	33.40	1	1
55.	EB 121	*	110	20	2.0	700	1005	33.40	1	1
67.	EB 121	*	65	40	2.0	100	1770	33.40	1	1

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 NB ONRAMP	232187.0	570066.0	5.0
2. REC 2 NB ONRAMP	232082.0	570337.0	5.0
3. REC3 NB ONRAMP	232074.0	570451.0	5.0
4. REC 4 NB ONRAMP	232085.0	570539.0	5.0
5. REC 5 NB ONRAMP	232137.0	570706.0	5.0
6. REC 6 NB ONRAMP	232072.0	570716.0	5.0
7. REC 7 NB ONRAMP	231974.0	570519.0	5.0
8. REC 8 NB ONRAMP	231871.0	570370.0	5.0
9. REC 9 SB ONRAMP	231337.0	569685.0	5.0
10. REC 10 SB ONRAMP	231421.0	569771.0	5.0
11. REC 11 SB ONRAMP	231276.0	569630.0	5.0
12. REC 12 SB ONRAMP	231181.0	569547.0	5.0
13. REC 13 SB ONRAMP	231211.0	569696.0	5.0
14. REC 14 SB ONRAMP	231230.0	569781.0	5.0
15. REC 15 SB ONRAMP	231126.0	569607.0	5.0
16. REC 16 SB ONRAMP	231206.0	569883.0	5.0

1

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0
5.	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3	.2	.2	.0	.0	.0	.1
15.	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3	.3	.2	.0	.0	.0	.1
20.	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3	.3	.3	.1	.1	.0	.0
25.	.0	.0	.0	.0	.0	.2	.0	.0	.3	.4	.3	.2	.1	.1	.1	.1
30.	.0	.0	.0	.0	.0	.2	.0	.1	.3	.3	.3	.2	.1	.1	.1	.1
35.	.0	.0	.0	.0	.0	.2	.0	.1	.4	.3	.3	.2	.1	.1	.1	.1
40.	.0	.0	.0	.0	.0	.2	.1	.1	.3	.2	.3	.1	.1	.1	.1	.1
45.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.0	.1	.1	.0	.1
50.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.1	.1	.0	.1
55.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.1	.2	.1	.1
60.	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.2	.2	.2	.1	.2	.1
65.	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2
70.	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.2	.2	.2	.2	.2	.1
75.	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2
80.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
85.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
90.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
95.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
100.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
105.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2
110.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.2	.0	.2	.2	.1	.2
115.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.1	.0	.2	.2	.1	.2
120.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.2	.1	.2
125.	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.0	.0	.0	.0	.1	.2
130.	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.0	.0	.0	.0	.1	.0
135.	.0	.0	.0	.0	.0	.2	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0
140.	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0
145.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.1	.0
150.	.1	.2	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.1	.0
155.	.1	.2	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0
160.	.1	.2	.2	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0
165.	.1	.4	.2	.1	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0
170.	.3	.4	.2	.2	.0	.2	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0
175.	.3	.4	.2	.2	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.1	.0
180.	.2	.5	.3	.3	.0	.3	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0
185.	.2	.4	.3	.3	.1	.3	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0
190.	.3	.5	.4	.4	.1	.3	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0
195.	.3	.5	.5	.3	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.0
200.	.4	.5	.5	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.1	.0
205.	.4	.5	.5	.2	.2	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

PAGE 5

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	.4	.5	.4	.2	.2	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
215.	.4	.5	.4	.2	.2	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
220.	.4	.5	.4	.1	.3	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
225.	.4	.4	.3	.2	.3	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
230.	.4	.5	.3	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
235.	.4	.5	.3	.1	.2	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0
240.	.4	.4	.4	.1	.2	.1	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0
245.	.4	.4	.4	.1	.2	.1	.1	.1	.2	.0	.2	.1	.0	.0	.0	.0
250.	.4	.4	.4	.1	.3	.0	.1	.2	.2	.0	.1	.1	.0	.0	.0	.0

S19NB15P.OUT

255.	*	.4	.4	.3	.1	.2	.0	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
260.	*	.4	.4	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
265.	*	.4	.4	.1	.1	.3	.1	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0
270.	*	.5	.4	.1	.0	.3	.1	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0
275.	*	.3	.4	.1	.1	.3	.1	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0
280.	*	.3	.4	.0	.1	.2	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0
285.	*	.3	.5	.1	.2	.2	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0
290.	*	.3	.5	.1	.2	.2	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0
295.	*	.3	.5	.1	.1	.2	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0
300.	*	.3	.5	.0	.1	.2	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0
305.	*	.3	.4	.0	.1	.2	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0
310.	*	.2	.3	.0	.1	.2	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0
315.	*	.2	.3	.0	.1	.2	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0
320.	*	.2	.3	.0	.1	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0
325.	*	.2	.3	.0	.1	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
330.	*	.2	.3	.0	.1	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
335.	*	.2	.3	.0	.1	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0
340.	*	.2	.2	.0	.1	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
345.	*	.2	.0	.0	.1	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
350.	*	.0	.0	.0	.1	.2	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0
MAX	*	.5	.5	.5	.4	.3	.3	.4	.5	.4	.4	.3	.3	.2	.2	.2	.2
DEGR.	*	270	180	195	190	220	180	145	205	35	25	15	20	60	55	60	65

THE HIGHEST CONCENTRATION IS .50 PPM AT 270 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 195 DEGREES FROM REC3 .

1

JOB: SITE 19 NB15PM
 DATE: 01/12/2007 TIME: 11:04:43.15

RUN: S19 NB15 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 270	REC2 180	REC3 195	REC4 190	REC5 220	REC6 180	REC7 145	REC8 205	REC9 35	REC10 25	REC11 15	REC12 20	REC13 60	REC14 55	REC15 60	REC16 65
1	*	.1	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0
2	*	.1	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 NB15PM

RUN: S19 NB15 PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 270	REC2 180	REC3 195	REC4 190	REC5 220	REC6 180	REC7 145	REC8 205	REC9 35	REC10 25	REC11 15	REC12 20	REC13 60	REC14 55	REC15 60	REC16 65
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S19NB15P.0UT

S19B115A.DAT

S19 B115AM			60.0175.0.0000.000160.30480000	11	1
REC 1 NB ONRAMP	232187.	570066.	5.		
REC 2 NB ONRAMP	232093.	570336.	5.		
REC 3 NB ONRAMP	232079.	570451.	5.		
REC 4 NB ONRAMP	232091.	570539.	5.		
REC 5 NB ONRAMP	232137.	570706.	5.		
REC 6 NB ONRAMP	232059.	570717.	5.		
REC 7 NB ONRAMP	231919.	570536.	5.		
REC 8 NB ONRAMP	231815.	570416.	5.		
REC 9 SB ONRAMP	231337.	569685.	5.		
REC 10 SB ONRAMP	231421.	569771.	5.		
REC 11 SB ONRAMP	231276.	569630.	5.		
REC 12 SB ONRAMP	231181.	569547.	5.		
REC 13 SB ONRAMP	231190.	569702.	5.		
REC 14 SB ONRAMP	231230.	569781.	5.		
REC 15 SB ONRAMP	231111.	569618.	5.		
REC 16 SB ONRAMP	231206.	569883.	5.		
S19 B115AM			83 1 1		
0 1	NB Off R	AG232054.570494.232046.570398.	800 3.0 0. 32.	30	
0 1	NB Off R	AG232046.570398.232157.570052.	800 3.0 0. 32.	30	
0 1	NB Off R	AG232157.570052.232226.569824.	800 3.0 0. 32.	30	
0 1	NB Off R	AG232226.569824.232223.569640.	800 3.0 0. 32.	30	
0 1	NB Off R	AG232223.569640.232176.569437.	800 3.0 0. 32.	30	
0 1	NB Off R	AG232176.569437.232172.569233.	800 3.0 0. 32.	30	
2	NB Ramp	NLAG231958.570458.232046.570377.	350 3.0 0. 32.	30	
55 1	NB Ramp	NLAG231968.570448.232031.570394.	0. 12. 1		
		34 5.0 350 33.4 1770 1 1			
2	NB Ramp W	AG231920.570487.232066.570677.	1375 3.1 0. 56.	35	
55 1	NB Ramp W	AG231935.570506.232032.570633.	0. 36. 3		
		19 5.0 1375 33.4 1482 1 1			
0 1	NB Ramp W	AG232066.570677.232098.570777.	1375 3.1 0. 56.	35	
0 1	NB Ramp W	AG232098.570777.232120.570954.	1375 3.1 0. 56.	35	
0 1	NB Ramp E	AG231932.570460.231771.570285.	275 3.3 0. 44.	40	
2	NB Ramp E	AG231915.570441.231810.570327.	0. 24. 2		
55 1		26 5.0 275 33.4 1770 1 1			
0 1	NB Cir OnRAG	231857.569832.231939.569732.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	231939.569732.232013.569700.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232013.569700.232114.569718.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232114.569718.232169.569781.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232169.569781.232184.569846.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232184.569846.232159.569971.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232159.569971.232066.570231.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232066.570231.232025.570302.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	232025.570302.231955.570339.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	231955.570339.231882.570336.	400 3.0 0. 32.	30	
0 1	NB Cir OnRAG	231882.570336.231774.570278.	400 3.0 0. 32.	30	
0 1	NB Ramp E	AG232094.570698.232038.570598.	275 3.3 0. 44.	40	
0 1	NB Ramp E	AG232038.570598.231931.570461.	275 3.3 0. 44.	40	
0 1	NB Ramp Ed	AG232149.570936.232103.570698.	275 3.3 0. 44.	40	
0 1	NB off Ram	AG232103.570698.232052.570493.	800 3.0 0. 32.	30	
0 1	WB 121	AG231483.569993.231917.570487.	1650 3.1 0. 44.	35	
0 1	SB Cir Off	AG231473.569992.231384.569950.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231384.569950.231281.569965.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231281.569965.231219.570031.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231219.570031.231176.570143.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231176.570143.231124.570254.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231124.570254.231117.570329.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231117.570329.231148.570404.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231148.570404.231233.570452.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231233.570452.231327.570443.	1000 3.0 0. 32.	35	
0 1	SB Cir Off	AG231327.570443.231450.570318.	1000 3.0 0. 32.	35	
0 1	SB Off Ram	AG231361.569833.231238.569940.	125 3.0 0. 32.	35	
2	SB Off Ram	AG231320.569869.231267.569915.	0. 12. 1		
80		58 5.0 125 33.4 1770 1 1			

S19B115A.DAT

1	SB Off	RamAG231355.569842.231491.569992.	650 3.0	0. 32.	35
0 2	SB Off	RamAG231376.569866.231446.569943.	0. 12.	1	
80	40	5.0 650 33.4 1863 1 1			
1	SB Off	RamAG231378.569839.231174.569617.	850 3.0	0. 44.	40
2	SB Off	RamAG231357.569816.231273.569725.	0. 24.	2	
80	20	5.0 850 33.4 1032 1 1			
1	SB Off	RamAG231174.569617.231084.569540.	850 3.0	0. 44.	40
0 1	SB Off	RamAG231084.569540.230994.569488.	850 3.0	0. 44.	40
0 1	SB Off	RamAG230994.569488.230869.569442.	850 3.0	0. 44.	40
0 1	EB 121	AG231770.570278.231382.569841.	350 3.3	0. 44.	40
0 1	SB Off	RamAG231373.569844.231259.569950.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231259.569950.231232.570011.	375 3.0	0. 32.	40
1	SB Off	RamAG231208.569691.231257.569774.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231257.569774.231259.569856.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231259.569856.231097.570272.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231097.570272.231095.570348.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231095.570348.231177.570564.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231177.570564.231191.570654.	375 3.0	0. 32.	40
0 1	SB Off	RamAG231191.570654.231153.570825.	375 3.0	0. 32.	40
all 1	SB Off	RamAG230855.569457.231003.569508.	1000 3.0	0. 32.	35
all 1	SB Off	RamAG231003.569508.231079.569555.	1000 3.0	0. 32.	35
all 1	SB Off	RamAG231079.569555.231159.569632.	1000 3.0	0. 32.	35
all 1	SB Off	RamAG231159.569632.231212.569688.	1000 3.0	0. 32.	35
1	SB Off	RamAG231215.569691.231356.569842.	1000 3.0	0. 32.	35
1	SB GP	AG231995.569147.231770.569671.	4950 4.5	0. 56.	61
0 1	SB GP	AG231770.569671.231578.570078.	4950 4.5	0. 56.	61
0 1	SB GP	AG231578.570078.231333.570539.	3100 4.4	0. 44.	60
0 1	SB GP	AG231333.570539.231102.570913.	3100 4.4	0. 44.	60
0 1	SB ETL	AG232047.569166.231824.569664.	725 4.1	0. 32.	55
0 1	SB ETL	AG231824.569664.231609.570122.	725 4.1	0. 32.	55
1	SB ETL	AG231608.570122.231440.570440.	1600 4.2	0. 32.	56
0 1	SB ETL	AG231440.570440.231249.570764.	1600 4.2	0. 32.	56
0 1	SB ETL	AG231249.570764.231141.570938.	1600 4.2	0. 32.	56
1	NB ETL	AG231183.570963.231341.570701.	600 4.3	0. 32.	58
0 1	NB ETL	AG231341.570701.231557.570323.	600 4.3	0. 32.	58
0 1	NB ETL	AG231557.570323.231648.570143.	600 4.3	0. 32.	58
1	NB ETL	AG231651.570141.231791.569846.	275 4.3	0. 32.	59
0 1	NB ETL	AG231791.569846.231958.569475.	275 4.3	0. 32.	59
0 1	NB ETL	AG231958.569475.232089.569186.	275 4.3	0. 32.	59
1	NB GP	AG231226.570983.231490.570548.	1325 4.3	0. 44.	63
1	NB GP	AG231490.570548.231690.570177.	1325 4.3	0. 44.	58
1	NB GP	AG231692.570175.231850.569835.	2050 4.4	0. 56.	63
0 1	NB GP	AG231850.569835.232127.569208.	2050 4.4	0. 56.	60
1.0 0.4 1000. 0.0Y 5 0 72					

JOB: S19 B115AM

RUN: S19 B115AM

DATE: 04/23/2007 TIME: 21:42:14.91

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	800.	3.0	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	800.	3.0	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	800.	3.0	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	800.	3.0	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	800.	3.0	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	800.	3.0	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	350.	3.0	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232041.3	570385.2	*	97.	131. AG	55. 100.0	.0	12.0	.78	4.9
9. 0	NB Ramp W	* 231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1375.	3.1	.0	56.0	
10. 0	NB Ramp W	* 231935.0	570506.0	231967.4	570548.4	*	53.	37. AG	93. 100.0	.0	36.0	.59	2.7
11. 0	NB Ramp W	* 232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1375.	3.1	.0	56.0	
12. 0	NB Ramp W	* 232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1375.	3.1	.0	56.0	
13. 0	NB Ramp E	* 231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	275.	3.3	.0	44.0	
14. 0	NB Ramp E	* 231915.0	570441.0	231901.8	570426.7	*	19.	223. AG	85. 100.0	.0	24.0	.19	1.0
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	400.	3.0	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	400.	3.0	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	400.	3.0	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	400.	3.0	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	400.	3.0	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	400.	3.0	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	400.	3.0	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	400.	3.0	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	400.	3.0	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	400.	3.0	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	400.	3.0	.0	32.0	
26. 0	NB Ramp E	* 232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	275.	3.3	.0	44.0	
27. 0	NB Ramp E	* 232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	275.	3.3	.0	44.0	
28. 0	NB Ramp Ed	* 232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	275.	3.3	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	800.	3.0	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1650.	3.1	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	1000.	3.0	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	1000.	3.0	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	1000.	3.0	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	1000.	3.0	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	1000.	3.0	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	1000.	3.0	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	1000.	3.0	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	1000.	3.0	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	1000.	3.0	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	1000.	3.0	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	125.	3.0	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231282.5	569901.6	*	50.	311. AG	65. 100.0	.0	12.0	.38	2.5
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	650.	3.0	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231507.8	570011.0	*	196.	42. AG	45. 100.0	.0	12.0	.85	10.0

JOB: S19 B115AM

RUN: S19 B115AM

DATE: 04/23/2007 TIME: 21:42:14.91

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	850.	3.0	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231325.5	569781.9	*	46.	223. AG	45. 100.0	.0	24.0	.62	2.4
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	850.	3.0	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	850.	3.0	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	850.	3.0	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	350.	3.3	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	375.	3.0	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	375.	3.0	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	375.	3.0	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	375.	3.0	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	375.	3.0	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	375.	3.0	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	375.	3.0	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	375.	3.0	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	375.	3.0	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	1000.	3.0	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	1000.	3.0	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	1000.	3.0	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	1000.	3.0	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	1000.	3.0	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	4950.	4.5	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	4950.	4.5	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	3100.	4.4	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	3100.	4.4	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	725.	4.1	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	725.	4.1	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	1600.	4.2	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	1600.	4.2	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	1600.	4.2	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	600.	4.3	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	600.	4.3	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	600.	4.3	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	275.	4.3	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	275.	4.3	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	275.	4.3	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	1325.	4.3	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B115A.OUT 570177.0 * 421. 152. AG 1325. 4.3 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 2050. 4.4 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 2050. 4.4 .0 56.0

1

PAGE 3

JOB: S19 B115AM RUN: S19 B115AM
 DATE: 04/23/2007 TIME: 21:42:14.91

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	*	55	34	5.0	350	1770	33.40	1	1
10. NB Ramp W*	*	55	19	5.0	1375	1482	33.40	1	1
14. NB Ramp E*	*	55	26	5.0	275	1770	33.40	1	1
42. SB Off Ram*	*	80	58	5.0	125	1770	33.40	1	1
44. 0 SB Off Ram*	*	80	40	5.0	650	1863	33.40	1	1
46. SB Off Ram*	*	80	20	5.0	850	1032	33.40	1	1

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	*	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	*	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	*	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	*	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	*	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	*	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	*	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	*	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0	*

1

JOB: S19 B115AM RUN: S19 B115AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.1	.1	.0	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1
20.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.1	.1	.1	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.1	.1	.1	.1	.0	.1	.1
30.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.1	.1	.1	.0	.1	.1
35.	*	.0	.0	.0	.0	.0	.3	.1	.0	.1	.2	.1	.0	.1	.1	.0	.1	.1
40.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1
45.	*	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.1	.1	.2	.0	.0	.1	.1
50.	*	.0	.0	.0	.0	.0	.2	.3	.2	.1	.2	.1	.1	.2	.1	.1	.1	.1
55.	*	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.1	.1	.3	.1	.3	.1	.1
60.	*	.0	.0	.0	.0	.0	.2	.3	.2	.1	.2	.1	.1	.3	.1	.3	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.2	.1	.1	.3	.1	.4	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.4	.2	.1	.2	.1	.1	.3	.2	.3	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.4	.2	.1	.2	.1	.1	.3	.2	.3	.1	.1
80.	*	.0	.0	.0	.0	.0	.1	.4	.2	.1	.2	.1	.1	.3	.2	.2	.1	.1
85.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.2	.2	.1	.3	.2	.1	.1	.1
90.	*	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.1	.1	.3	.2	.2	.1	.1
95.	*	.0	.0	.0	.0	.0	.1	.3	.2	.2	.1	.1	.1	.3	.2	.2	.1	.1
100.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.2	.1	.1	.3	.3	.3	.1	.1
105.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.3	.1	.1	.3	.2	.3	.1	.1
110.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.3	.1	.1	.3	.2	.3	.2	.2
115.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.1	.2	.2	.3	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.0	.2	.2	.2	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.2	.1	.0	.3	.2	.2	.1	.1
130.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.0	.0	.2	.2	.2	.1	.1
135.	*	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1	.0	.0	.2	.1	.2	.1	.1
140.	*	.0	.0	.0	.0	.0	.1	.3	.2	.0	.1	.0	.0	.2	.1	.2	.0	.0
145.	*	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.1	.2	.0	.0
150.	*	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.1	.2	.0	.0
155.	*	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.1	.2	.0	.0
160.	*	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.1	.2	.0	.0
165.	*	.0	.1	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.2	.1	.2	.0	.0
170.	*	.1	.1	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.1	.2	.0	.0
175.	*	.1	.1	.1	.0	.0	.2	.3	.3	.0	.0	.0	.0	.2	.1	.2	.0	.0
180.	*	.1	.1	.1	.0	.0	.2	.3	.5	.0	.0	.0	.0	.2	.0	.2	.0	.0
185.	*	.1	.2	.2	.1	.0	.2	.3	.5	.0	.0	.0	.0	.1	.0	.2	.0	.0
190.	*	.2	.2	.2	.1	.0	.3	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
195.	*	.2	.2	.1	.1	.0	.2	.3	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	*	.3	.2	.1	.0	.1	.3	.4	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0
205.	*	.3	.3	.1	.1	.2	.3	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B115AM RUN: S19 B115AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16
210.	.3	.2	.1	.1	.2	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0
215.	.3	.2	.2	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.0
220.	.2	.2	.2	.2	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
225.	.2	.2	.2	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
230.	.1	.2	.3	.2	.2	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
235.	.1	.2	.2	.2	.2	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
240.	.1	.2	.3	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
245.	.1	.1	.3	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
250.	.1	.1	.4	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.1	.4	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.1	.2	.3	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.2	.2	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.2	.1	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
275.	.1	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
280.	.1	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
285.	.2	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
290.	.2	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
295.	.1	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
300.	.1	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
305.	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
310.	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
315.	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
320.	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
325.	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
330.	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
360.	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
MAX	.3	.3	.4	.3	.3	.4	.4	.5	.2	.3	.2	.1	.3	.3	.4	.2
DEGR.	200	205	250	265	215	210	70	180	90	20	10	10	55	100	65	110

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 250 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 210 DEGREES FROM REC6 .

1

JOB: S19 B115AM
 DATE: 04/23/2007 TIME: 21:42:14.91

RUN: S19 B115AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16
1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.1	.0	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0

1

JOB: S19 B115AM

RUN: S19 B115AM

PAGE 7

* CO/LINK (PPM)

S19B115A.OUT

LINK #	*	ANGLE (DEGREES)															
		REC1 200	REC2 205	REC3 250	REC4 265	REC5 215	REC6 210	REC7 70	REC8 180	REC9 90	REC10 20	REC11 10	REC12 10	REC13 55	REC14 100	REC15 65	REC16 110
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1
66	*	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1
67	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S19 B115PM		60.0175.0.0000.000160.30480000		S19B115P.DAT		11 1	
REC 1	NB ONRAMP	232187.	570066.	5.			
REC 2	NB ONRAMP	232093.	570336.	5.			
REC 3	NB ONRAMP	232079.	570451.	5.			
REC 4	NB ONRAMP	232091.	570539.	5.			
REC 5	NB ONRAMP	232137.	570706.	5.			
REC 6	NB ONRAMP	232059.	570717.	5.			
REC 7	NB ONRAMP	231919.	570536.	5.			
REC 8	NB ONRAMP	231815.	570416.	5.			
REC 9	SB ONRAMP	231337.	569685.	5.			
REC 10	SB ONRAMP	231421.	569771.	5.			
REC 11	SB ONRAMP	231276.	569630.	5.			
REC 12	SB ONRAMP	231181.	569547.	5.			
REC 13	SB ONRAMP	231190.	569702.	5.			
REC 14	SB ONRAMP	231230.	569781.	5.			
REC 15	SB ONRAMP	231111.	569618.	5.			
REC 16	SB ONRAMP	231206.	569883.	5.			
S19 B115PM			83 1 1				
0 1	NB Off R	AG232054.570494.232046.570398.	1350 3.0 0. 32.	30			
0 1	NB Off R	AG232046.570398.232157.570052.	1350 3.0 0. 32.	30			
0 1	NB Off R	AG232157.570052.232226.569824.	1350 3.0 0. 32.	30			
0 1	NB Off R	AG232226.569824.232223.569640.	1350 3.0 0. 32.	30			
0 1	NB Off R	AG232223.569640.232176.569437.	1350 3.0 0. 32.	30			
0 1	NB Off R	AG232176.569437.232172.569233.	1350 3.0 0. 32.	30			
2	NB Ramp	NLAG231958.570458.232046.570377.	425 3.0 0. 32.	30			
55	NB Ramp	NLAG231968.570448.232031.570394.	0. 12. 1				
1		32 5.0 425 33.4 1770 1 1					
2	NB Ramp W	AG231920.570487.232066.570677.	1100 3.0 0. 56.	30			
55	NB Ramp W	AG231935.570506.232032.570633.	0. 36. 3				
1		21 5.0 1100 33.4 1497 1 1					
0 1	NB Ramp W	AG232066.570677.232098.570777.	1000 3.1 0. 56.	35			
0 1	NB Ramp W	AG232098.570777.232120.570954.	1000 3.1 0. 56.	35			
0 2	NB Ramp E	AG231932.570460.231771.570285.	200 3.3 0. 44.	40			
55	NB Ramp E	AG231915.570441.231810.570327.	0. 24. 2				
1		30 5.0 200 33.4 1770 1 1					
0 1	NB Cir	OnRAG231857.569832.231939.569732.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG231939.569732.232013.569700.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232013.569700.232114.569718.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232114.569718.232169.569781.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232169.569781.232184.569846.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232184.569846.232159.569971.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232159.569971.232066.570231.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232066.570231.232025.570302.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG232025.570302.231955.570339.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG231955.570339.231882.570336.	650 3.0 0. 32.	30			
0 1	NB Cir	OnRAG231882.570336.231774.570278.	650 3.0 0. 32.	30			
0 1	NB Ramp E	AG232094.570698.232038.570598.	200 3.0 0. 44.	30			
0 1	NB Ramp E	AG232038.570598.231931.570461.	200 3.0 0. 44.	30			
0 1	NB Ramp Ed	AG232149.570936.232103.570698.	200 3.0 0. 44.	30			
0 1	NB off Ram	AG232103.570698.232052.570493.	1350 3.0 0. 32.	30			
0 1	WB 121	AG231483.569993.231917.570487.	1400 3.1 0. 44.	35			
0 1	SB Cir Off	AG231473.569992.231384.569950.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231384.569950.231281.569965.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231281.569965.231219.570031.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231219.570031.231176.570143.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231176.570143.231124.570254.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231124.570254.231117.570329.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231117.570329.231148.570404.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231148.570404.231233.570452.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231233.570452.231327.570443.	850 3.0 0. 32.	35			
0 1	SB Cir Off	AG231327.570443.231450.570318.	850 3.0 0. 32.	35			
2	SB Off Ram	AG231361.569833.231238.569940.	100 3.0 0. 32.	35			
80	SB Off Ram	AG231320.569869.231267.569915.	0. 12. 1				
58		5.0 100 33.4 1770 1 1					

S19B115P.DAT

1	SB Off	RamAG231355.569842.231491.569992.	550 3.0	0. 32.	35
0 2	SB Off	RamAG231376.569866.231446.569943.	0. 12.	1	
80	43	5.0 550 33.4 1863 1 1			
1	SB Off	RamAG231378.569839.231174.569617.	1050 3.0	0. 44.	40
2	SB Off	RamAG231357.569816.231273.569725.	0. 24.	2	
80	20	5.0 1050 33.4 1067 1 1			
1	SB Off	RamAG231174.569617.231084.569540.	1050 3.0	0. 44.	40
0 1	SB Off	RamAG231084.569540.230994.569488.	1050 3.0	0. 44.	40
0 1	SB Off	RamAG230994.569488.230869.569442.	1050 3.0	0. 44.	40
0 1	EB 121	AG231770.570278.231382.569841.	425 3.3	0. 44.	40
0 1	SB Off	RamAG231373.569844.231259.569950.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231259.569950.231232.570011.	425 3.0	0. 32.	40
1	SB Off	RamAG231208.569691.231257.569774.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231257.569774.231259.569856.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231259.569856.231097.570272.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231097.570272.231095.570348.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231095.570348.231177.570564.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231177.570564.231191.570654.	425 3.0	0. 32.	40
0 1	SB Off	RamAG231191.570654.231153.570825.	425 3.0	0. 32.	40
all 1	SB Off	RamAG230855.569457.231003.569508.	850 3.0	0. 32.	35
all 1	SB Off	RamAG231003.569508.231079.569555.	850 3.0	0. 32.	35
all 1	SB Off	RamAG231079.569555.231159.569632.	850 3.0	0. 32.	35
all 1	SB Off	RamAG231159.569632.231212.569688.	850 3.0	0. 32.	35
1	SB Off	RamAG231215.569691.231356.569842.	850 3.0	0. 32.	35
1	SB GP	AG231995.569147.231770.569671.	2800 4.6	0. 56.	63
0 1	SB GP	AG231770.569671.231578.570078.	2800 4.6	0. 56.	63
0 1	SB GP	AG231578.570078.231333.570539.	1650 4.6	0. 44.	63
0 1	SB GP	AG231333.570539.231102.570913.	1650 4.6	0. 44.	63
0 1	SB ETL	AG232047.569166.231824.569664.	275 4.3	0. 32.	58
0 1	SB ETL	AG231824.569664.231609.570122.	275 4.3	0. 32.	58
1	SB ETL	AG231608.570122.231440.570440.	600 4.3	0. 32.	58
0 1	SB ETL	AG231440.570440.231249.570764.	600 4.3	0. 32.	58
0 1	SB ETL	AG231249.570764.231141.570938.	600 4.3	0. 32.	58
1	NB ETL	AG231183.570963.231341.570701.	1750 4.1	0. 32.	55
0 1	NB ETL	AG231341.570701.231557.570323.	1750 4.1	0. 32.	55
0 1	NB ETL	AG231557.570323.231648.570143.	1750 4.1	0. 32.	55
1	NB ETL	AG231651.570141.231791.569846.	1050 4.1	0. 32.	55
0 1	NB ETL	AG231791.569846.231958.569475.	1050 4.1	0. 32.	55
0 1	NB ETL	AG231958.569475.232089.569186.	1050 4.1	0. 32.	55
1	NB GP	AG231226.570983.231490.570548.	3275 4.3	0. 44.	59
1	NB GP	AG231490.570548.231690.570177.	3275 4.3	0. 44.	59
1	NB GP	AG231692.570175.231850.569835.	4675 4.4	0. 56.	60
0 1	NB GP	AG231850.569835.232127.569208.	4675 4.4	0. 56.	60
1.0 0.4 1000. 0.0Y 5 0 72					

JOB: S19 B115PM

RUN: S19 B115PM

DATE: 04/23/2007 TIME: 21:44:45.63

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1350.	3.0	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1350.	3.0	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1350.	3.0	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1350.	3.0	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1350.	3.0	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1350.	3.0	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	425.	3.0	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232054.9	570373.6	*	114.	131. AG	52.	100.0	.0	12.0	.83 5.8
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1100.	3.0	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	231962.0	570541.3	*	44.	37. AG	103.	100.0	.0	36.0	.50 2.3
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1000.	3.1	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1000.	3.1	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	200.	3.3	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231903.4	570428.5	*	17.	223. AG	98.	100.0	.0	24.0	.17 .9
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	650.	3.0	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	650.	3.0	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	650.	3.0	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	650.	3.0	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	650.	3.0	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	650.	3.0	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	650.	3.0	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	650.	3.0	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	650.	3.0	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	650.	3.0	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	650.	3.0	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	200.	3.0	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	200.	3.0	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	200.	3.0	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1350.	3.0	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1400.	3.1	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	850.	3.0	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	850.	3.0	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	850.	3.0	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	850.	3.0	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	850.	3.0	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	850.	3.0	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	850.	3.0	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	850.	3.0	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	850.	3.0	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	850.	3.0	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	100.	3.0	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231290.6	569894.6	*	39.	311. AG	65.	100.0	.0	12.0	.30 2.0
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	550.	3.0	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231490.6	569992.0	*	170.	42. AG	48.	100.0	.0	12.0	.79 8.6

JOB: S19 B115PM

RUN: S19 B115PM

DATE: 04/23/2007 TIME: 21:44:45.63

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1050.	3.0	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231310.0	569765.1	*	69.	223. AG	45.	100.0	.0	24.0	.74 3.5
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	1050.	3.0	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	1050.	3.0	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	1050.	3.0	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	425.	3.3	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	425.	3.0	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	425.	3.0	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	425.	3.0	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	425.	3.0	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	425.	3.0	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	425.	3.0	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	425.	3.0	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	425.	3.0	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	425.	3.0	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	850.	3.0	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	850.	3.0	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	850.	3.0	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	850.	3.0	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	850.	3.0	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	2800.	4.6	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	2800.	4.6	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	1650.	4.6	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	1650.	4.6	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	275.	4.3	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	275.	4.3	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	600.	4.3	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	600.	4.3	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	600.	4.3	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	1750.	4.1	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	1750.	4.1	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	1750.	4.1	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	1050.	4.1	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	1050.	4.1	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	1050.	4.1	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	3275.	4.3	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B115P.OUT 570177.0 * 421. 152. AG 3275. 4.3 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 4675. 4.4 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 4675. 4.4 .0 56.0

1

PAGE 3

JOB: S19 B115PM RUN: S19 B115PM
 DATE: 04/23/2007 TIME: 21:44:45.63

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	55	32	5.0	425	1770	33.40	1	1
10. NB Ramp W*	55	21	5.0	1100	1497	33.40	1	1
14. NB Ramp E*	55	30	5.0	200	1770	33.40	1	1
42. SB Off Ram*	80	58	5.0	100	1770	33.40	1	1
44. 0 SB Off Ram*	80	43	5.0	550	1863	33.40	1	1
46. SB Off Ram*	80	20	5.0	1050	1067	33.40	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. REC 1 NB ONRAMP	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	231206.0	569883.0	5.0	*

1

JOB: S19 B115PM RUN: S19 B115PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	.0	.0	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
5.	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
10.	.0	.0	.1	.1	.0	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0
15.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.1	.0	.0	.1
50.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.2	.0	.1	.0
55.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.4	.1	.2	.0
60.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.5	.2	.2	.0
65.	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.4	.2	.4	.1
70.	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.4	.2	.2	.2
75.	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.4	.2	.2	.2
80.	.0	.0	.0	.0	.0	.1	.3	.2	.2	.3	.1	.1	.3	.4	.3	.2	.2
85.	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.1	.1	.3	.3	.2	.2	.2
90.	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.1	.3	.4	.3	.2	.2
95.	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.2	.2	.3	.4	.3	.1	.1
100.	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2
105.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.2	.4	.3	.3	.2	.2
110.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.0	.3	.4	.2	.1	.1
115.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.0	.3	.4	.2	.1	.1
120.	.0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.0	.0	.1	.4	.2	.2	.2
125.	.0	.0	.0	.0	.0	.2	.4	.1	.1	.2	.0	.0	.1	.3	.2	.2	.2
130.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.2	.0	.0	.2	.2	.2	.1	.1
135.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
140.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
145.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
150.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
155.	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
160.	.0	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
165.	.1	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
170.	.1	.1	.1	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.1	.2	.0	.0
175.	.1	.3	.2	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.1	.2	.0	.0
180.	.2	.3	.2	.2	.0	.4	.3	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
185.	.2	.3	.2	.2	.1	.4	.4	.5	.0	.0	.0	.0	.2	.1	.2	.0	.0
190.	.2	.3	.2	.1	.1	.3	.3	.5	.0	.0	.0	.0	.2	.1	.2	.0	.0
195.	.2	.3	.2	.2	.2	.3	.3	.5	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	.3	.2	.4	.2	.2	.3	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
205.	.3	.3	.3	.2	.2	.3	.4	.5	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B115PM RUN: S19 B115PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.3	.2	.2	.3	.2	.3	.3	.5	.0	.0	.0	.1	.0	.1	.0
215.	*	.3	.2	.2	.3	.2	.2	.2	.3	.0	.0	.0	.0	.0	.1	.0
220.	*	.2	.3	.3	.3	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
225.	*	.2	.3	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	*	.2	.2	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.3	.2	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	*	.3	.2	.2	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	*	.4	.2	.4	.3	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.3	.1	.4	.2	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
255.	*	.3	.2	.3	.2	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
260.	*	.2	.2	.3	.2	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
265.	*	.2	.2	.2	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
270.	*	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0
275.	*	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
280.	*	.2	.2	.1	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
285.	*	.2	.2	.1	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
290.	*	.2	.1	.2	.2	.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
295.	*	.2	.1	.2	.1	.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
300.	*	.2	.3	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
305.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
310.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
315.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
320.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
325.	*	.1	.2	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
330.	*	.1	.1	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
335.	*	.1	.2	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
340.	*	.1	.1	.2	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
345.	*	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
350.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
355.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
360.	*	.0	.0	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0
MAX	*	.4	.3	.4	.3	.2	.4	.4	.5	.2	.3	.2	.2	.5	.4	.2
DEGR.	*	245	175	200	210	195	180	105	185	40	80	45	55	60	80	65

THE HIGHEST CONCENTRATION IS .50 PPM AT 185 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 60 DEGREES FROM REC13 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 245 DEGREES FROM REC1 .

1

JOB: S19 B115PM
 DATE: 04/23/2007 TIME: 21:44:45.63

RUN: S19 B115PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	CO/LINK ANGLE (DEGREES) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
1	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0

1

JOB: S19 B115PM

RUN: S19 B115PM

PAGE 7

* CO/LINK (PPM)

S19B115P.OUT																	
LINK #	*	ANGLE (DEGREES)															
		REC1 245	REC2 175	REC3 200	REC4 210	REC5 195	REC6 180	REC7 105	REC8 185	REC9 40	REC10 80	REC11 45	REC12 55	REC13 60	REC14 80	REC15 65	REC16 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.1	.0	.1	.1	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1
83	*	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S19 B215AM		60.0175.0.0000.000160.30480000		S19B215A	
				11	1
REC 1	NB ONRAMP	232187.	570066.	5.	
REC 2	NB ONRAMP	232093.	570336.	5.	
REC 3	NB ONRAMP	232079.	570451.	5.	
REC 4	NB ONRAMP	232091.	570539.	5.	
REC 5	NB ONRAMP	232137.	570706.	5.	
REC 6	NB ONRAMP	232059.	570717.	5.	
REC 7	NB ONRAMP	231919.	570536.	5.	
REC 8	NB ONRAMP	231815.	570416.	5.	
REC 9	SB ONRAMP	231337.	569685.	5.	
REC 10	SB ONRAMP	231421.	569771.	5.	
REC 11	SB ONRAMP	231276.	569630.	5.	
REC 12	SB ONRAMP	231181.	569547.	5.	
REC 13	SB ONRAMP	231190.	569702.	5.	
REC 14	SB ONRAMP	231230.	569781.	5.	
REC 15	SB ONRAMP	231111.	569618.	5.	
REC 16	SB ONRAMP	231206.	569883.	5.	
S19 B215AM		83	1	1	
0	1	NB Off R	AG232054.570494.232046.570398.	850 3.0 0. 32.	30
0	1	NB Off R	AG232046.570398.232157.570052.	850 3.0 0. 32.	30
0	1	NB Off R	AG232157.570052.232226.569824.	850 3.0 0. 32.	30
0	1	NB Off R	AG232226.569824.232223.569640.	850 3.0 0. 32.	30
0	1	NB Off R	AG232223.569640.232176.569437.	850 3.0 0. 32.	30
0	1	NB Off R	AG232176.569437.232172.569233.	850 3.0 0. 32.	30
2		NB Ramp	NLAG231958.570458.232046.570377.	400 3.0 0. 32.	30
55	1	NB Ramp	NLAG231968.570448.232031.570394.	0. 12. 1	
			33 5.0 400 33.4 1770 1 1		
2		NB Ramp W	AG231920.570487.232066.570677.	1325 3.0 0. 56.	30
55	1	NB Ramp W	AG231935.570506.232032.570633.	0. 36. 3	
			20 5.0 1325 33.4 1496 1 1		
0	1	NB Ramp W	AG232066.570677.232098.570777.	1325 3.0 0. 56.	30
0	1	NB Ramp W	AG232098.570777.232120.570954.	1325 3.0 0. 56.	30
0	2	NB Ramp E	AG231932.570460.231771.570285.	225 3.0 0. 44.	30
55	1	NB Ramp E	AG231915.570441.231810.570327.	0. 24. 2	
			28 5.0 225 33.4 1770 1 1		
0	1	NB Cir	OnRAG231857.569832.231939.569732.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG231939.569732.232013.569700.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232013.569700.232114.569718.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232114.569718.232169.569781.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232169.569781.232184.569846.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232184.569846.232159.569971.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232159.569971.232066.570231.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232066.570231.232025.570302.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG232025.570302.231955.570339.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG231955.570339.231882.570336.	325 3.0 0. 32.	30
0	1	NB Cir	OnRAG231882.570336.231774.570278.	325 3.0 0. 32.	30
0	1	NB Ramp E	AG232094.570698.232038.570598.	225 3.0 0. 44.	30
0	1	NB Ramp E	AG232038.570598.231931.570461.	225 3.0 0. 44.	30
0	1	NB Ramp Ed	AG232149.570936.232103.570698.	225 3.0 0. 44.	30
0	1	NB off Ram	AG232103.570698.232052.570493.	850 3.0 0. 32.	30
0	1	WB 121	AG231483.569993.231917.570487.	1325 3.1 0. 44.	35
0	1	SB Cir	OffAG231473.569992.231384.569950.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231384.569950.231281.569965.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231281.569965.231219.570031.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231219.570031.231176.570143.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231176.570143.231124.570254.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231124.570254.231117.570329.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231117.570329.231148.570404.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231148.570404.231233.570452.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231233.570452.231327.570443.	1000 3.1 0. 32.	35
0	1	SB Cir	OffAG231327.570443.231450.570318.	1000 3.1 0. 32.	35
0	2	SB Off Ram	AG231361.569833.231238.569940.	100 3.1 0. 32.	35
90		SB Off Ram	AG231320.569869.231267.569915.	0. 12. 1	
			68 5.0 100 33.4 1770 1 1		

		S19B215A					
1	SB Off	RamAG231355.569842.231491.569992.	675	3.1	0. 32.	35	
0	90	SB Off RamAG231376.569866.231446.569943.46 5.0 675 33.4 1863 1 1	0.	12.	1		
1	SB Off	RamAG231378.569839.231174.569617.	950	3.1	0. 44.	40	
0	90	SB Off RamAG231357.569816.231273.569725.20 5.0 950 33.4 1018 1 1	0.	24.	2		
0	1	SB Off	RamAG231174.569617.231084.569540.	950	3.1	0. 44.	40
0	1	SB Off	RamAG231084.569540.230994.569488.	950	3.1	0. 44.	40
0	1	SB Off	RamAG230994.569488.230869.569442.	950	3.1	0. 44.	40
0	1	EB 121	AG231770.570278.231382.569841.	950	3.3	0. 44.	40
0	1	SB Off	RamAG231373.569844.231259.569950.	450	3.1	0. 32.	40
0	1	SB Off	RamAG231259.569950.231232.570011.	450	3.1	0. 32.	40
0	1	SB Off	RamAG231208.569691.231257.569774.	450	3.1	0. 32.	40
0	1	SB Off	RamAG231257.569774.231259.569856.	450	3.3	0. 32.	40
0	1	SB Off	RamAG231259.569856.231097.570272.	450	3.3	0. 32.	40
0	1	SB Off	RamAG231097.570272.231095.570348.	450	3.3	0. 32.	40
0	1	SB Off	RamAG231095.570348.231177.570564.	450	3.3	0. 32.	40
0	1	SB Off	RamAG231177.570564.231191.570654.	450	3.3	0. 32.	40
0	1	SB Off	RamAG231191.570654.231153.570825.	450	3.3	0. 32.	40
all	1	SB Off	RamAG230855.569457.231003.569508.	1000	3.1	0. 32.	35
all	1	SB Off	RamAG231003.569508.231079.569555.	1000	3.1	0. 32.	35
all	1	SB Off	RamAG231079.569555.231159.569632.	1000	3.1	0. 32.	35
all	1	SB Off	RamAG231159.569632.231212.569688.	1000	3.1	0. 32.	35
1	SB Off	RamAG231215.569691.231356.569842.	1000	3.1	0. 32.	35	
1	SB GP	AG231995.569147.231770.569671.	5225	4.5	0. 56.	61	
0	1	SB GP	AG231770.569671.231578.570078.	5225	4.5	0. 56.	61
0	1	SB GP	AG231578.570078.231333.570539.	4100	4.4	0. 44.	60
0	1	SB GP	AG231333.570539.231102.570913.	4100	4.4	0. 44.	60
0	1	SB ETL	AG232047.569166.231824.569664.	1050	4.3	0. 32.	58
0	1	SB ETL	AG231824.569664.231609.570122.	1050	4.3	0. 32.	58
0	1	SB ETL	AG231608.570122.231440.570440.	1050	4.3	0. 32.	58
0	1	SB ETL	AG231440.570440.231249.570764.	1050	4.3	0. 32.	58
0	1	SB ETL	AG231249.570764.231141.570938.	1050	4.3	0. 32.	58
0	1	NB ETL	AG231183.570963.231341.570701.	400	4.3	0. 32.	59
0	1	NB ETL	AG231341.570701.231557.570323.	400	4.3	0. 32.	59
0	1	NB ETL	AG231557.570323.231648.570143.	400	4.3	0. 32.	59
0	1	NB ETL	AG231651.570141.231791.569846.	400	4.4	0. 32.	60
0	1	NB ETL	AG231791.569846.231958.569475.	400	4.4	0. 32.	60
0	1	NB ETL	AG231958.569475.232089.569186.	400	4.4	0. 32.	60
0	1	NB GP	AG231226.570983.231490.570548.	1725	4.5	0. 44.	62
0	1	NB GP	AG231490.570548.231690.570177.	1725	4.5	0. 44.	62
0	1	NB GP	AG231692.570175.231850.569835.	2250	4.6	0. 56.	63
0	1.0	0.4 1000. 0.0Y 5 0 72	AG231850.569835.232127.569208.	2250	4.6	0. 56.	63

JOB: S19 B215AM
DATE: 03/14/2007 TIME: 15:23:28.56

RUN: S19 B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	850.	3.0	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	850.	3.0	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	850.	3.0	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	850.	3.0	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	850.	3.0	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	850.	3.0	.0	32.0	
7. 0	NB Ramp NL	* 231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	400.	3.0	.0	32.0	
8. 0	NB Ramp NL	* 231968.0	570448.0	232053.8	570374.5	*	113.	131. AG	54. 100.0	.0	12.0	.83	5.7
9. 0	NB Ramp W	* 231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1325.	3.0	.0	56.0	
10. 0	NB Ramp W	* 231935.0	570506.0	231968.0	570549.2	*	54.	37. AG	98. 100.0	.0	36.0	.58	2.8
11. 0	NB Ramp W	* 232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1325.	3.0	.0	56.0	
12. 0	NB Ramp W	* 232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1325.	3.0	.0	56.0	
13. 0	NB Ramp E	* 231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	225.	3.0	.0	44.0	
14. 0	NB Ramp E	* 231915.0	570441.0	231903.3	570428.3	*	17.	223. AG	91. 100.0	.0	24.0	.17	.9
15. 0	NB Cir OnR*	* 231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	325.	3.0	.0	32.0	
16. 0	NB Cir OnR*	* 231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	325.	3.0	.0	32.0	
17. 0	NB Cir OnR*	* 232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	325.	3.0	.0	32.0	
18. 0	NB Cir OnR*	* 232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	325.	3.0	.0	32.0	
19. 0	NB Cir OnR*	* 232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	325.	3.0	.0	32.0	
20. 0	NB Cir OnR*	* 232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	325.	3.0	.0	32.0	
21. 0	NB Cir OnR*	* 232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	325.	3.0	.0	32.0	
22. 0	NB Cir OnR*	* 232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	325.	3.0	.0	32.0	
23. 0	NB Cir OnR*	* 232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	325.	3.0	.0	32.0	
24. 0	NB Cir OnR*	* 231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	325.	3.0	.0	32.0	
25. 0	NB Cir OnR*	* 231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	325.	3.0	.0	32.0	
26. 0	NB Ramp E	* 232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	225.	3.0	.0	44.0	
27. 0	NB Ramp E	* 232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	225.	3.0	.0	44.0	
28. 0	NB Ramp Ed	* 232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	225.	3.0	.0	44.0	
29. 0	NB off Ram	* 232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	850.	3.0	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1325.	3.1	.0	44.0	
31. 0	SB Cir Off*	* 231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	1000.	3.1	.0	32.0	
32. 0	SB Cir Off*	* 231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	1000.	3.1	.0	32.0	
33. 0	SB Cir Off*	* 231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	1000.	3.1	.0	32.0	
34. 0	SB Cir Off*	* 231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	1000.	3.1	.0	32.0	
35. 0	SB Cir Off*	* 231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	1000.	3.1	.0	32.0	
36. 0	SB Cir Off*	* 231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	1000.	3.1	.0	32.0	
37. 0	SB Cir Off*	* 231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	1000.	3.1	.0	32.0	
38. 0	SB Cir Off*	* 231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	1000.	3.1	.0	32.0	
39. 0	SB Cir Off*	* 231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	1000.	3.1	.0	32.0	
40. 0	SB Cir Off*	* 231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	1000.	3.1	.0	32.0	
41. 0	SB Off Ram*	* 231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	100.	3.1	.0	32.0	
42. 0	SB Off Ram*	* 231320.0	569869.0	231284.5	569899.8	*	47.	311. AG	68. 100.0	.0	12.0	.34	2.4
43. 0	SB Off Ram*	* 231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	675.	3.1	.0	32.0	
44. 0	SB Off Ram*	* 231376.0	569866.0	231541.9	570048.4	*	247.	42. AG	46. 100.0	.0	12.0	.88	12.5

JOB: S19 B215AM
DATE: 03/14/2007 TIME: 15:23:28.56

RUN: S19 B215AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	* 231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	950.	3.1	.0	44.0	
46. 0	SB Off Ram*	* 231357.0	569816.0	231321.6	569777.6	*	52.	223. AG	40. 100.0	.0	24.0	.67	2.7
47. 0	SB Off Ram*	* 231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	950.	3.1	.0	44.0	
48. 0	SB Off Ram*	* 231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	950.	3.1	.0	44.0	
49. 0	SB Off Ram*	* 230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	950.	3.1	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	950.	3.3	.0	44.0	
51. 0	SB Off Ram*	* 231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	450.	3.1	.0	32.0	
52. 0	SB Off Ram*	* 231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	450.	3.1	.0	32.0	
53. 0	SB Off Ram*	* 231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	450.	3.1	.0	32.0	
54. 0	SB Off Ram*	* 231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	450.	3.3	.0	32.0	
55. 0	SB Off Ram*	* 231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	450.	3.3	.0	32.0	
56. 0	SB Off Ram*	* 231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	450.	3.3	.0	32.0	
57. 0	SB Off Ram*	* 231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	450.	3.3	.0	32.0	
58. 0	SB Off Ram*	* 231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	450.	3.3	.0	32.0	
59. 0	SB Off Ram*	* 231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	450.	3.3	.0	32.0	
60. all	SB Off Ram*	* 230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	1000.	3.1	.0	32.0	
61. all	SB Off Ram*	* 231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	1000.	3.1	.0	32.0	
62. all	SB Off Ram*	* 231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	1000.	3.1	.0	32.0	
63. all	SB Off Ram*	* 231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	1000.	3.1	.0	32.0	
64. 0	SB Off Ram*	* 231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	1000.	3.1	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	5225.	4.5	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	5225.	4.5	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	4100.	4.4	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	4100.	4.4	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	1050.	4.3	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	1050.	4.3	.0	32.0	
71. 0	SB ETL	* 231608.0	570122.0	231440.0	570440.0	*	360.	332. AG	1050.	4.3	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	1050.	4.3	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	1050.	4.3	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	400.	4.3	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	400.	4.3	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	400.	4.3	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	400.	4.4	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	400.	4.4	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	400.	4.4	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	1725.	4.5	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 570177.0 * 421. 152. AG 1725. 4.5 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 2250. 4.6 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 2250. 4.6 .0 56.0

1

PAGE 3

JOB: S19 B215AM
 DATE: 03/14/2007 TIME: 15:23:28.56

RUN: S19 B215AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	*	55	33	5.0	400	1770	33.40	1	1
10. NB Ramp W*	*	55	20	5.0	1325	1496	33.40	1	1
14. NB Ramp E*	*	55	28	5.0	225	1770	33.40	1	1
42. SB Off Ram*	*	90	68	5.0	100	1770	33.40	1	1
44. 0 SB Off Ram*	*	90	46	5.0	675	1863	33.40	1	1
46. SB Off Ram*	*	90	20	5.0	950	1018	33.40	1	1

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	*	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	*	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	*	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	*	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	*	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	*	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	*	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	*	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0	*

1

PAGE 4

JOB: S19 B215AM

RUN: S19 B215AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* *	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.1	.1	.1	.1	.0	.0	.1	.2	.1	.0	.0	.1	.0	.1
5.	*	.0	.0	.1	.1	.0	.2	.0	.0	.1	.2	.2	.1	.0	.0	.0	.1
10.	*	.0	.0	.0	.1	.0	.2	.0	.0	.1	.2	.2	.1	.0	.1	.0	.1
15.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.2	.2	.1	.1	.0	.1
20.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.1	.2	.1	.1	.1	.1
25.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.1	.2	.1	.1	.1	.1
30.	*	.0	.0	.0	.0	.0	.2	.1	.0	.2	.3	.1	.2	.1	.1	.1	.1
35.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
40.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.2	.1	.0	.1
45.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.2	.1	.0	.1
50.	*	.0	.0	.0	.0	.0	.2	.3	.2	.1	.3	.1	.1	.3	.1	.2	.1
55.	*	.0	.0	.0	.0	.0	.2	.3	.2	.1	.3	.1	.1	.4	.1	.3	.1
60.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.3	.1	.1	.4	.1	.4	.2
65.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.3	.1	.1	.4	.1	.4	.1
70.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.1	.1	.4	.2	.4	.1
75.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.1	.1	.4	.2	.3	.1
80.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.1	.3	.2	.3	.1
85.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.2	.1	.3	.3	.2	.1
90.	*	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.1	.1	.3	.3	.2	.1
95.	*	.0	.0	.0	.0	.0	.1	.4	.1	.2	.3	.1	.1	.4	.3	.3	.1
100.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.3	.1	.1	.3	.4	.3	.1
105.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.3	.1	.1	.3	.4	.3	.1
110.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.3	.1	.1	.3	.3	.3	.2
115.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.1	.1	.2	.3	.3	.2
120.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.3	.1	.0	.2	.3	.2	.1
125.	*	.0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.1	.0	.3	.3	.2	.1
130.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.0	.0	.2	.3	.2	.1
135.	*	.0	.0	.0	.0	.0	.1	.3	.1	.1	.1	.0	.0	.2	.2	.2	.1
140.	*	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0
145.	*	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0
150.	*	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0
155.	*	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0
160.	*	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0
165.	*	.0	.1	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0
170.	*	.1	.1	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0
175.	*	.1	.1	.1	.0	.0	.3	.3	.4	.0	.0	.0	.0	.2	.2	.2	.0
180.	*	.1	.1	.1	.0	.0	.2	.3	.4	.0	.0	.0	.0	.2	.2	.2	.0
185.	*	.1	.2	.2	.1	.0	.3	.3	.5	.0	.0	.0	.0	.2	.1	.2	.0
190.	*	.2	.3	.2	.1	.1	.3	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0
195.	*	.3	.2	.2	.1	.1	.2	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0
200.	*	.3	.2	.1	.1	.1	.3	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0
205.	*	.3	.3	.1	.1	.2	.3	.3	.5	.0	.0	.0	.0	.1	.0	.1	.0

1

PAGE 5

JOB: S19 B215AM

RUN: S19 B215AM

S19B215A

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.3	.2	.2	.1	.2	.3	.3	.4	.0	.0	.0	.0	.1	.0	.1	.0
215.	*	.3	.2	.3	.1	.3	.2	.2	.5	.0	.0	.0	.0	.0	.0	.1	.0
220.	*	.3	.3	.3	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0
225.	*	.2	.3	.3	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.2	.3	.3	.2	.2	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.1	.2	.2	.3	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.1	.2	.3	.3	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.4	.3	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.2	.2	.4	.2	.2	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.2	.4	.2	.1	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
260.	*	.3	.2	.2	.3	.1	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
265.	*	.3	.2	.2	.3	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.3	.2	.2	.3	.1	.1	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.1	.2	.1	.3	.1	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0
280.	*	.2	.2	.1	.3	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
285.	*	.2	.1	.2	.2	.1	.0	.1	.2	.1	.0	.1	.1	.0	.0	.0	.0
290.	*	.2	.1	.1	.2	.1	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
295.	*	.2	.1	.1	.2	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
300.	*	.1	.2	.2	.2	.1	.0	.0	.2	.1	.0	.1	.1	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.1	.0	.0	.2	.1	.0	.1	.1	.0	.0	.0	.0
310.	*	.1	.2	.1	.2	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
315.	*	.1	.2	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
320.	*	.1	.2	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
325.	*	.1	.2	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
330.	*	.1	.0	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
335.	*	.1	.0	.0	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
340.	*	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
345.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
350.	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
355.	*	.0	.0	.1	.1	.1	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.1
360.	*	.0	.0	.1	.1	.1	.1	.0	.0	.1	.2	.1	.0	.0	.1	.0	.1
MAX	*	.3	.3	.4	.3	.3	.3	.4	.5	.2	.3	.2	.2	.4	.4	.4	.2
DEGR.	*	195	190	245	235	215	165	70	185	30	20	5	15	55	100	60	60

THE HIGHEST CONCENTRATION IS .50 PPM AT 185 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 245 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 70 DEGREES FROM REC7 .

1

JOB: S19 B215AM
 DATE: 03/14/2007 TIME: 15:23:28.56

RUN: S19 B215AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)															
		ANGLE (DEGREES)															
		REC1 195	REC2 190	REC3 245	REC4 235	REC5 215	REC6 165	REC7 70	REC8 185	REC9 30	REC10 20	REC11 5	REC12 15	REC13 55	REC14 100	REC15 60	REC16 60
1	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0

1

JOB: S19 B215AM

RUN: S19 B215AM

PAGE 7

* CO/LINK (PPM)

S19B215A

LINK #	*	ANGLE (DEGREES)															
		REC1 195	REC2 190	REC3 245	REC4 235	REC5 215	REC6 165	REC7 70	REC8 185	REC9 30	REC10 20	REC11 5	REC12 15	REC13 55	REC14 100	REC15 60	REC16 60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0
66	*	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1
67	*	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S19B215P.DAT									
S19	B215PM				60.0175.0.0000.000160.30480000	11	1		
REC 1	NB ONRAMP	232187.	570066.	5.					
REC 2	NB ONRAMP	232093.	570336.	5.					
REC 3	NB ONRAMP	232079.	570451.	5.					
REC 4	NB ONRAMP	232091.	570539.	5.					
REC 5	NB ONRAMP	232137.	570706.	5.					
REC 6	NB ONRAMP	232059.	570717.	5.					
REC 7	NB ONRAMP	231919.	570536.	5.					
REC 8	NB ONRAMP	231815.	570416.	5.					
REC 9	SB ONRAMP	231337.	569685.	5.					
REC 10	SB ONRAMP	231421.	569771.	5.					
REC 11	SB ONRAMP	231276.	569630.	5.					
REC 12	SB ONRAMP	231181.	569547.	5.					
REC 13	SB ONRAMP	231190.	569702.	5.					
REC 14	SB ONRAMP	231230.	569781.	5.					
REC 15	SB ONRAMP	231111.	569618.	5.					
REC 16	SB ONRAMP	231206.	569883.	5.					
S19	B215PM				83	1	1		
0	1	NB Off R	AG232054.570494.232046.570398.	1425	3.0	0.	32.	30	
0	1	NB Off R	AG232046.570398.232157.570052.	1425	3.0	0.	32.	30	
0	1	NB Off R	AG232157.570052.232226.569824.	1425	3.0	0.	32.	30	
0	1	NB Off R	AG232226.569824.232223.569640.	1425	3.0	0.	32.	30	
0	1	NB Off R	AG232223.569640.232176.569437.	1425	3.0	0.	32.	30	
0	1	NB Off R	AG232176.569437.232172.569233.	1425	3.0	0.	32.	30	
2		NB Ramp	NLAG231958.570458.232046.570377.	500	3.0	0.	32.	30	
55	1	NB Ramp	NLAG231968.570448.232031.570394.	0.	12.	1			
			30 5.0 500 33.4 1770 1 1						
2		NB Ramp W	AG231920.570487.232066.570677.	1075	3.0	0.	56.	30	
55	1	NB Ramp W	AG231935.570506.232032.570633.	0.	36.	3			
			20 5.0 1075 33.4 1517 1 1						
0	1	NB Ramp W	AG232066.570677.232098.570777.	1075	3.0	0.	56.	30	
0	1	NB Ramp W	AG232098.570777.232120.570954.	1075	3.0	0.	56.	30	
0	2	NB Ramp E	AG231932.570460.231771.570285.	150	3.0	0.	44.	30	
55	1	NB Ramp E	AG231915.570441.231810.570327.	0.	24.	2			
			31 5.0 150 33.4 1770 1 1						
0	1	NB Cir	OnRAG231857.569832.231939.569732.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG231939.569732.232013.569700.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232013.569700.232114.569718.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232114.569718.232169.569781.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232169.569781.232184.569846.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232184.569846.232159.569971.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232159.569971.232066.570231.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232066.570231.232025.570302.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG232025.570302.231955.570339.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG231955.570339.231882.570336.	375	3.0	0.	32.	30	
0	1	NB Cir	OnRAG231882.570336.231774.570278.	375	3.0	0.	32.	30	
0	1	NB Ramp E	AG232094.570698.232038.570598.	150	3.0	0.	44.	30	
0	1	NB Ramp E	AG232038.570598.231931.570461.	150	3.0	0.	44.	30	
0	1	NB Ramp Ed	AG232149.570936.232103.570698.	150	3.0	0.	44.	30	
0	1	NB off Ram	AG232103.570698.232052.570493.	1425	3.0	0.	32.	30	
0	1	WB 121	AG231483.569993.231917.570487.	1075	3.1	0.	44.	35	
0	1	SB Cir Off	AG231473.569992.231384.569950.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231384.569950.231281.569965.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231281.569965.231219.570031.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231219.570031.231176.570143.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231176.570143.231124.570254.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231124.570254.231117.570329.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231117.570329.231148.570404.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231148.570404.231233.570452.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231233.570452.231327.570443.	850	3.1	0.	32.	35	
0	1	SB Cir Off	AG231327.570443.231450.570318.	850	3.1	0.	32.	35	
0	2	SB Off Ram	AG231361.569833.231238.569940.	75	3.1	0.	32.	35	
90	68	SB Off Ram	AG231320.569869.231267.569915.	0.	12.	1			
			5.0 75 33.4 1770 1 1						

S19B215P.DAT

1	SB Off	RamAG231355.569842.231491.569992.	625 3.1	0. 32.	35
0 2	SB Off	RamAG231376.569866.231446.569943.	0. 12.	1	
90		49 5.0 625 33.4 1863 1 1			
1	SB Off	RamAG231378.569839.231174.569617.	1050 3.1	0. 44.	40
0 2	SB Off	RamAG231357.569816.231273.569725.	0. 24.	2	
90		20 5.0 1050 33.4 1024 1 1			
1	SB Off	RamAG231174.569617.231084.569540.	1050 3.1	0. 44.	40
0 1	SB Off	RamAG231084.569540.230994.569488.	1050 3.1	0. 44.	40
0 1	SB Off	RamAG230994.569488.230869.569442.	1050 3.1	0. 44.	40
0 1	EB 121	AG231770.570278.231382.569841.	1050 3.3	0. 44.	40
0 1	SB Off	RamAG231373.569844.231259.569950.	500 3.1	0. 32.	40
0 1	SB Off	RamAG231259.569950.231232.570011.	500 3.1	0. 32.	40
1	SB Off	RamAG231208.569691.231257.569774.	500 3.1	0. 32.	40
0 1	SB Off	RamAG231257.569774.231259.569856.	500 3.3	0. 32.	40
0 1	SB Off	RamAG231259.569856.231097.570272.	500 3.3	0. 32.	40
0 1	SB Off	RamAG231097.570272.231095.570348.	500 3.3	0. 32.	40
0 1	SB Off	RamAG231095.570348.231177.570564.	500 3.3	0. 32.	40
0 1	SB Off	RamAG231177.570564.231191.570654.	500 3.3	0. 32.	40
0 1	SB Off	RamAG231191.570654.231153.570825.	500 3.3	0. 32.	40
all 1	SB Off	RamAG230855.569457.231003.569508.	850 3.1	0. 32.	35
all 1	SB Off	RamAG231003.569508.231079.569555.	850 3.1	0. 32.	35
all 1	SB Off	RamAG231079.569555.231159.569632.	850 3.1	0. 32.	35
all 1	SB Off	RamAG231159.569632.231212.569688.	850 3.1	0. 32.	35
1	SB Off	RamAG231215.569691.231356.569842.	850 3.1	0. 32.	35
1	SB GP	AG231995.569147.231770.569671.	2975 4.5	0. 56.	62
0 1	SB GP	AG231770.569671.231578.570078.	2975 4.5	0. 56.	62
0 1	SB GP	AG231578.570078.231333.570539.	2000 4.5	0. 44.	62
0 1	SB GP	AG231333.570539.231102.570913.	2000 4.5	0. 44.	62
0 1	SB ETL	AG232047.569166.231824.569664.	400 4.4	0. 32.	60
0 1	SB ETL	AG231824.569664.231609.570122.	400 4.4	0. 32.	60
1	SB ETL	AG231608.570122.231440.570440.	400 4.4	0. 32.	60
0 1	SB ETL	AG231440.570440.231249.570764.	400 4.4	0. 32.	60
0 1	SB ETL	AG231249.570764.231141.570938.	400 4.4	0. 32.	60
1	NB ETL	AG231183.570963.231341.570701.	1100 4.3	0. 32.	59
0 1	NB ETL	AG231341.570701.231557.570323.	1100 4.3	0. 32.	59
0 1	NB ETL	AG231557.570323.231648.570143.	1100 4.3	0. 32.	59
1	NB ETL	AG231651.570141.231791.569846.	1100 4.4	0. 32.	60
0 1	NB ETL	AG231791.569846.231958.569475.	1100 4.4	0. 32.	60
0 1	NB ETL	AG231958.569475.232089.569186.	1100 4.4	0. 32.	60
1	NB GP	AG231226.570983.231490.570548.	4200 4.5	0. 44.	61
1	NB GP	AG231490.570548.231690.570177.	4200 4.5	0. 44.	62
1	NB GP	AG231692.570175.231850.569835.	5050 4.4	0. 56.	60
0 1	NB GP	AG231850.569835.232127.569208.	5050 4.4	0. 56.	60
1.0 0.4 1000. 0.0Y 5 0 72					

JOB: S19 B215PM
DATE: 04/11/2007 TIME: 15:29:01.35

RUN: S19 B215PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1425.	3.0	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1425.	3.0	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1425.	3.0	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1425.	3.0	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1425.	3.0	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1425.	3.0	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	500.	3.0	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232071.8	570359.1	*	137.	131. AG	49. 100.0	.0	12.0	.86	6.9
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1075.	3.0	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	231959.0	570537.5	*	40.	37. AG	98. 100.0	.0	36.0	.46	2.0
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1075.	3.0	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1075.	3.0	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	150.	3.0	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231906.0	570431.2	*	13.	223. AG	101. 100.0	.0	24.0	.14	.7
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	375.	3.0	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	375.	3.0	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	375.	3.0	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	375.	3.0	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	375.	3.0	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	375.	3.0	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	375.	3.0	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	375.	3.0	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	375.	3.0	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	375.	3.0	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	375.	3.0	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	150.	3.0	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	150.	3.0	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	150.	3.0	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1425.	3.0	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1075.	3.1	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	850.	3.1	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	850.	3.1	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	850.	3.1	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	850.	3.1	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	850.	3.1	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	850.	3.1	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	850.	3.1	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	850.	3.1	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	850.	3.1	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	850.	3.1	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	75.	3.1	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231293.9	569891.7	*	35.	311. AG	68. 100.0	.0	12.0	.26	1.8
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	625.	3.1	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231543.4	570050.1	*	249.	42. AG	49. 100.0	.0	12.0	.89	12.6

JOB: S19 B215PM
DATE: 04/11/2007 TIME: 15:29:01.35

RUN: S19 B215PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1050.	3.1	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231312.3	569767.6	*	66.	223. AG	40. 100.0	.0	24.0	.73	3.3
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	1050.	3.1	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	1050.	3.1	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	1050.	3.1	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	1050.	3.3	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	500.	3.1	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	500.	3.1	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	500.	3.1	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	500.	3.3	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	500.	3.3	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	500.	3.3	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	500.	3.3	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	500.	3.3	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	500.	3.3	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	850.	3.1	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	850.	3.1	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	850.	3.1	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	850.	3.1	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	850.	3.1	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	2975.	4.5	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	2975.	4.5	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	2000.	4.5	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	2000.	4.5	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	400.	4.4	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	400.	4.4	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	400.	4.4	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	400.	4.4	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	400.	4.4	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	1100.	4.3	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	1100.	4.3	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	1100.	4.3	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	1100.	4.4	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	1100.	4.4	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	1100.	4.4	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	4200.	4.5	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B215P.OUT 570177.0 * 421. 152. AG 4200. 4.5 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 5050. 4.4 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 5050. 4.4 .0 56.0

1

PAGE 3

JOB: S19 B215PM RUN: S19 B215PM
 DATE: 04/11/2007 TIME: 15:29:01.35

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	55	30	5.0	500	1770	33.40	1	1
10. NB Ramp W*	55	20	5.0	1075	1517	33.40	1	1
14. NB Ramp E*	55	31	5.0	150	1770	33.40	1	1
42. SB Off Ram*	90	68	5.0	75	1770	33.40	1	1
44. 0 SB Off Ram*	90	49	5.0	625	1863	33.40	1	1
46. SB Off Ram*	90	20	5.0	1050	1024	33.40	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	*	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	*	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	*	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	*	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	*	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	*	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	*	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	*	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0	*

1

JOB: S19 B215PM RUN: S19 B215PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	* .0	.0	.1	.1	.0	.1	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.1	.1	.0	.1	.0	.0	.1	.3	.1	.1	.0	.1	.0	.1	.1
10.	* .0	.0	.1	.1	.0	.2	.0	.0	.0	.3	.1	.1	.0	.1	.0	.1	.1
15.	* .0	.0	.1	.1	.0	.2	.0	.0	.1	.3	.1	.1	.0	.0	.0	.1	.1
20.	* .0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.2	.0	.0	.2	.2	.1	.1	.1	.1	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.2	.1	.0	.2	.3	.1	.1	.1	.1	.0	.1	.1
35.	* .0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.1	.1	.2	.0	.1	.1
40.	* .0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.0	.1	.2	.0	.1	.1
45.	* .0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.2	.1	.0	.1	.1
50.	* .0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.4	.3	.2	.1	.1
55.	* .0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.5	.3	.2	.1	.1
60.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.5	.3	.3	.1	.1
65.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.1	.5	.2	.4	.1	.1
70.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.5	.2	.3	.2	.2
75.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.1	.5	.3	.2	.2	.2
80.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.3	.1	.1	.4	.4	.3	.2	.2
85.	* .0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.4	.3	.2	.2	.2
90.	* .0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.2	.3	.4	.3	.2	.2
95.	* .0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.2	.2	.3	.4	.3	.2	.2
100.	* .0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2
105.	* .0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.2	.2	.4	.3	.3	.2	.2
110.	* .0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.2	.0	.3	.4	.3	.1	.1
115.	* .0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.0	.3	.4	.2	.1	.1
120.	* .0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.1	.0	.1	.4	.2	.2	.2
125.	* .0	.0	.0	.0	.0	.2	.4	.1	.1	.2	.0	.0	.1	.3	.2	.2	.2
130.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.2	.0	.0	.2	.2	.2	.1	.1
135.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
140.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
145.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
150.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
155.	* .0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
160.	* .1	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
165.	* .1	.1	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
170.	* .1	.1	.1	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.3	.2	.0	.0
175.	* .1	.3	.2	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
180.	* .2	.3	.2	.2	.1	.4	.3	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
185.	* .2	.3	.2	.2	.1	.4	.4	.5	.0	.0	.0	.0	.2	.1	.2	.0	.0
190.	* .2	.3	.2	.1	.1	.3	.4	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
195.	* .2	.3	.2	.2	.2	.3	.3	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	* .3	.3	.4	.3	.2	.3	.4	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0
205.	* .3	.4	.3	.2	.2	.3	.3	.6	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B215PM RUN: S19 B215PM

PAGE 5

WIND * CONCENTRATION																	
ANGLE (DEGR)	*	(PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.3	.2	.4	.3	.2	.3	.2	.6	.0	.0	.0	.0	.1	.0	.1	.0
215.	*	.3	.2	.4	.3	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0
220.	*	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.2	.3	.3	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.2	.3	.3	.1	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.3	.2	.3	.2	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.3	.2	.3	.2	.3	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.4	.2	.3	.2	.3	.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0
250.	*	.3	.3	.2	.2	.2	.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0
255.	*	.3	.2	.2	.2	.2	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
260.	*	.3	.2	.2	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.2	.2	.2	.1	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
280.	*	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
285.	*	.3	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
290.	*	.2	.3	.2	.2	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
295.	*	.2	.3	.2	.2	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
300.	*	.2	.3	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
305.	*	.2	.3	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
310.	*	.2	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
315.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
320.	*	.1	.2	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
325.	*	.1	.2	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
330.	*	.1	.3	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
335.	*	.1	.3	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
340.	*	.1	.1	.2	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
345.	*	.1	.1	.1	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
350.	*	.0	.0	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
355.	*	.0	.0	.1	.2	.1	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
360.	*	.0	.0	.1	.1	.0	.1	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0
MAX	*	.4	.4	.4	.3	.3	.4	.4	.6	.2	.3	.2	.2	.5	.4	.4	.2
DEGR.	*	245	205	200	200	230	180	115	205	25	0	20	50	55	80	65	70

THE HIGHEST CONCENTRATION IS .60 PPM AT 205 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 55 DEGREES FROM REC13 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 245 DEGREES FROM REC1 .

1

JOB: S19 B215PM
 DATE: 04/11/2007 TIME: 15:29:01.35

RUN: S19 B215PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)															
		ANGLE (DEGREES)															
		REC1 245	REC2 205	REC3 200	REC4 200	REC5 230	REC6 180	REC7 115	REC8 205	REC9 25	REC10 0	REC11 20	REC12 50	REC13 55	REC14 80	REC15 65	REC16 70
1	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0

1

JOB: S19 B215PM

RUN: S19 B215PM

PAGE 7

* CO/LINK (PPM)

S19B215P.OUT																	
LINK #	*	ANGLE (DEGREES)															
		REC1 245	REC2 205	REC3 200	REC4 200	REC5 230	REC6 180	REC7 115	REC8 205	REC9 25	REC10 0	REC11 20	REC12 50	REC13 55	REC14 80	REC15 65	REC16 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
82	*	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1
83	*	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S19NB30A.DAT

SITE 19 NB30AM	60.0175.0.0000.00	160.30480000	1	1
REC 1 NB ONRAMP	232187.	570066.	5.	
REC 2 NB ONRAMP	232082.	570337.	5.	
REC 3 NB ONRAMP	232074.	570451.	5.	
REC 4 NB ONRAMP	232085.	570539.	5.	
REC 5 NB ONRAMP	232137.	570706.	5.	
REC 6 NB ONRAMP	232072.	570716.	5.	
REC 7 NB ONRAMP	231974.	570519.	5.	
REC 8 NB ONRAMP	231871.	570370.	5.	
REC 9 SB ONRAMP	231337.	569685.	5.	
REC 10 SB ONRAMP	231421.	569771.	5.	
REC 11 SB ONRAMP	231276.	569630.	5.	
REC 12 SB ONRAMP	231181.	569547.	5.	
REC 13 SB ONRAMP	231211.	569696.	5.	
REC 14 SB ONRAMP	231230.	569781.	5.	
REC 15 SB ONRAMP	231126.	569607.	5.	
REC 16 SB ONRAMP	231206.	569883.	5.	
S19 NB30 AM	70	1	1	

1	1	NB 270 AP	AG232070.569259.231698.570071.	3200 3.9 0. 44.	60.
2	1	NB 270 AP	AG231698.570071.231466.570534.	3200 3.9 0. 44.	60.
3	1	NB 270 DP	AG231466.570534.231235.570909.	2475 3.8 0. 44.	58.
4	1	NB HOV	AG232054.569250.231686.570052.	116.2 0. 32.	67.
5	1	NB HOV	AG231686.570052.231433.570536.	116.2 0. 32.	67.
6	1	NB HOV	AG231433.570536.231216.570901.	116.2 0. 32.	67.
7	1	SB 270 AP	AG231167.570882.231439.570438.	5650 2.9 0. 56.	40.
8	1	SB 270 AP	AG231439.570438.231597.570134.	5650 2.9 0. 56.	40.
9	1	SB 270 DP	AG231597.570134.232008.569228.	7350 2.9 0. 56.	40.
14	1	NB OFF	RAMAG232084.569262.232010.569450.	900 2.7 0. 32.	30.
15	1	NB OFF	RAMAG232010.569450.232005.569530.	900 2.7 0. 32.	30.
16	1	NB OFF	RAMAG232005.569530.232031.569604.	900 2.7 0. 32.	30.
17	1	NB OFF	RAMAG232031.569604.232188.569768.	900 2.7 0. 32.	30.
18	1	NB OFF	RAMAG232188.569768.232197.569909.	900 2.7 0. 32.	30.
19	1	NB OFF	RAMAG232197.569909.232039.570390.	900 2.7 0. 32.	30.
20	2	NB OFFR L	AG232039.570390.232006.570481.	450 2.7 0. 32.	30.
60	35	NB OFFR L	AG232013.570461.232027.570424.	0. 12. 1	
			2.0 450 29.1 1770 1 1		
22	1	NB OFFRR	AG232039.570390.232043.570493.	1 2.7 0. 32.	30.
23	1	NB OFFRR	AG232043.570493.232074.570555.	1 2.7 0. 32.	30.
24	1	NB OFFRR	AG232074.570555.232097.570646.	1 2.7 0. 32.	30.
25	1	WB MD121	AG232125.570876.232085.570671.	1500 2.7 0. 44.	35.
26	1	WB MD121	AG232085.570671.232030.570534.	1500 2.7 0. 44.	35.
27	2	WB MD121	AG232030.570534.231988.570472.	1500 2.7 0. 44.	35.
60	23	WB MD121	AG232013.570461.232027.570424.	0. 12. 1	
			2.0 1500 29.1 1565 1 1		
29	1	WB MD121	AG231988.570472.231538.569967.	1900 2.7 0. 44.	35.
31	1	I270 SB	ONAG231538.569967.231461.569912.	800 2.7 0. 32.	30.
31	1	I270 SB	ONAG231461.569912.231353.569884.	800 2.7 0. 32.	30.
31	1	I270 SB	ONAG231353.569884.231234.569967.	800 2.7 0. 32.	30.
74	1	eb121toCir	AG231325.569736.231234.569967.	625 2.7 0. 32.	30.
31	1	270 SB	CirAG231234.569967.231124.570250.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231124.570250.231157.570405.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231157.570405.231251.570456.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231251.570456.231345.570440.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231345.570440.231442.570351.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231442.570351.231544.570185.	175 2.7 0. 32.	30.
31	1	270 SB	CirAG231544.570185.231597.570134.	175 2.7 0. 32.	30.
44	2	WB 121 T	AG231543.569968.231323.569728.	700 2.7 0. 44.	35.
120	65	WB 121 T	AG231337.569743.231410.569823.	0. 12. 1	
			2.0 700 29.1 1863 1 1		
42	1	WB 121 dp	AG231323.569728.231211.569607.	700 2.7 0. 44.	35.
43	1	WB121dpAll	AG231211.569607.231064.569513.	800 2.7 0. 44.	35.
44	1	WB121dpAll	AG231064.569513.230937.569472.	800 2.7 0. 44.	35.
45	1	SB OFRAMP	AG231152.570876.231242.570727.	125 2.7 0. 32.	30.

S19NB30A.DAT

46	SB OFRAMP	AG231242.570727.231262.570661.	125 2.7	0. 32.	30.
47	SB OFRAMP	AG231262.570661.231233.570530.	125 2.7	0. 32.	30.
48	SB OFRAMP	AG231233.570530.231126.570399.	125 2.7	0. 32.	30.
49	SB OFRAMP	AG231126.570399.231107.570246.	125 2.7	0. 32.	30.
50	SB OFRAMP	AG231107.570246.231261.569850.	125 2.7	0. 32.	30.
51	SB OFF R	AG231261.569850.231254.569683.	100 2.7	0. 32.	30.
52	SB OFF R	AG231254.569683.231180.569589.	100 2.7	0. 32.	30.
53	SB OFF L	AG231261.569850.231314.569715.	25 2.7	0. 32.	30.
2	SB OFF L	AG231304.569742.231270.569828.	0. 12.	1	
120	98	2.0 25 29.1 1770 1 1			
55	EB 121	AG230942.569464.231098.569516.	775 2.9	0. 32.	40.
56	EB 121	AG231098.569516.231231.569612.	775 2.9	0. 32.	40.
57	EB 121	AG231231.569612.231332.569721.	775 2.9	0. 32.	40.
2	EB 121	AG231304.569742.231270.569828.	0. 12.	1	
120	20	2.0 25 10.0 1001 1 1			
59	EB 121dp	AG231332.569721.231783.570221.	175 2.9	0. 32.	40.
60	270NBtoCir	AG231783.570221.231866.570279.	525 2.7	0. 32.	30.
61	270NBtoCir	AG231866.570279.231954.570292.	525 2.7	0. 32.	30.
61	270NBtoCir	AG231954.570292.232074.570226.	525 2.7	0. 32.	30.
61	270 NB Cir	AG232074.570226.232167.569932.	575 2.7	0. 32.	30.
61	270 NB Cir	AG232167.569932.232144.569747.	575 2.7	0. 32.	30.
61	270 NB Cir	AG232144.569747.231995.569702.	575 2.7	0. 32.	30.
61	270 NB Cir	AG231995.569702.231883.569776.	575 2.7	0. 32.	30.
61	270 NB Cir	AG231883.569776.231710.570049.	575 2.7	0. 32.	30.
68	121 TO	270AG232003.570450.232074.570226.	50 2.7	0. 32.	30.
69	E 121 T	AG231783.570221.231997.570466.	50 2.9	0. 32.	40.
2	EB 121	AG231304.569742.231270.569828.	0. 12.	1	
60	28	2.0 50 29.1 1770 1 1			
71	E 121	AG231997.570466.232048.570550.	50 2.9	0. 32.	40.
71	E 121	AG232048.570550.232097.570646.	50 2.9	0. 32.	40.
73	E 121 all	AG232097.570646.232140.570871.	525 2.9	0. 32.	40.
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: SITE 19 NB30AM
DATE: 12/19/2006 TIME: 10:13:01.73

RUN: S19 NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270 AP	* 232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	3200.	3.9	.0	44.0	
2. 2	NB 270 AP	* 231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	3200.	3.9	.0	44.0	
3. 3	NB 270 DP	* 231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	2475.	3.8	.0	44.0	
4. 4	NB HOV	* 232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	1.	16.2	.0	32.0	
5. 5	NB HOV	* 231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	1.	16.2	.0	32.0	
6. 6	NB HOV	* 231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	1.	16.2	.0	32.0	
7. 7	SB 270 AP	* 231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	5650.	2.9	.0	56.0	
8. 8	SB 270 AP	* 231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	5650.	2.9	.0	56.0	
9. 9	SB 270 DP	* 231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	7350.	2.9	.0	56.0	
10. 14	NB OFF RAM*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	900.	2.7	.0	32.0	
11. 15	NB OFF RAM*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	900.	2.7	.0	32.0	
12. 16	NB OFF RAM*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	900.	2.7	.0	32.0	
13. 17	NB OFF RAM*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	900.	2.7	.0	32.0	
14. 18	NB OFF RAM*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	900.	2.7	.0	32.0	
15. 19	NB OFF RAM*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	900.	2.7	.0	32.0	
16. 20	NB OFFR L	* 232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	450.	2.7	.0	32.0	
17. 1	NB OFFR L	* 232013.0	570461.0	232052.2	570357.5	*	111.	159. AG	46. 100.0	.0	12.0	.73	5.6
18. 22	NB OFFRR	* 232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	1.	2.7	.0	32.0	
19. 23	NB OFFRR	* 232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	1.	2.7	.0	32.0	
20. 24	NB OFFRR	* 232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	1.	2.7	.0	32.0	
21. 25	WB MD121	* 232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	1500.	2.7	.0	44.0	
22. 26	WB MD121	* 232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	1500.	2.7	.0	44.0	
23. 27	WB MD121	* 232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	1500.	2.7	.0	44.0	
24. 1	WB MD121	* 232013.0	570461.0	234445.0	564029.2	*	6876.	159. AG	30. 100.0	.0	12.0	1.74	349.3
25. 29	WB MD121	* 231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	1900.	2.7	.0	44.0	
26. 31	I270 SB ON*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	800.	2.7	.0	32.0	
27. 31	I270 SB ON*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	800.	2.7	.0	32.0	
28. 31	I270 SB ON*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	800.	2.7	.0	32.0	
29. 74	eb121toCir*	231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	625.	2.7	.0	32.0	
30. 31	270 SB Cir*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	175.	2.7	.0	32.0	
31. 31	270 SB Cir*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	175.	2.7	.0	32.0	
32. 31	270 SB Cir*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	175.	2.7	.0	32.0	
33. 31	270 SB Cir*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	175.	2.7	.0	32.0	
34. 31	270 SB Cir*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	175.	2.7	.0	32.0	
35. 31	270 SB Cir*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	175.	2.7	.0	32.0	
36. 31	270 SB Cir*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	175.	2.7	.0	32.0	
37. 44	WB 121 T	* 231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	700.	2.7	.0	44.0	
38. 1	WB 121 T	* 231337.0	569743.0	231565.7	569993.5	*	339.	42. AG	42. 100.0	.0	12.0	.88	17.2
39. 42	WB 121 dp	* 231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	700.	2.7	.0	44.0	
40. 43	WB121dpAll*	231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	800.	2.7	.0	44.0	
41. 44	WB121dpAll*	231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	800.	2.7	.0	44.0	
42. 45	SB OFRAMP	* 231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	125.	2.7	.0	32.0	
43. 46	SB OFRAMP	* 231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	125.	2.7	.0	32.0	
44. 47	SB OFRAMP	* 231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	125.	2.7	.0	32.0	

JOB: SITE 19 NB30AM
DATE: 12/19/2006 TIME: 10:13:01.73

RUN: S19 NB30 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	SB OFRAMP	* 231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	125.	2.7	.0	32.0	
46. 49	SB OFRAMP	* 231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	125.	2.7	.0	32.0	
47. 50	SB OFRAMP	* 231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	125.	2.7	.0	32.0	
48. 51	SB OFF R	* 231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	100.	2.7	.0	32.0	
49. 52	SB OFF R	* 231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	100.	2.7	.0	32.0	
50. 53	SB OFF L	* 231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	25.	2.7	.0	32.0	
51. 1	SB OFF L	* 231304.0	569742.0	231297.8	569757.7	*	17.	338. AG	64. 100.0	.0	12.0	.09	.9
52. 55	EB 121	* 230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	775.	2.9	.0	32.0	
53. 56	EB 121	* 231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	775.	2.9	.0	32.0	
54. 57	EB 121	* 231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	775.	2.9	.0	32.0	
55. 1	EB 121	* 231304.0	569742.0	231303.0	569744.6	*	3.	339. AG	4. 100.0	.0	12.0	.03	.1
56. 59	EB 121dp	* 231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	175.	2.9	.0	32.0	
57. 60	270NBtoCir*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	525.	2.7	.0	32.0	
58. 61	270NBtoCir*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	525.	2.7	.0	32.0	
59. 61	270NBtoCir*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	525.	2.7	.0	32.0	
60. 61	270 NB Cir*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	575.	2.7	.0	32.0	
61. 61	270 NB Cir*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	575.	2.7	.0	32.0	
62. 61	270 NB Cir*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	575.	2.7	.0	32.0	
63. 61	270 NB Cir*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	575.	2.7	.0	32.0	
64. 61	270 NB Cir*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	575.	2.7	.0	32.0	
65. 68	121 TO 270*	232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	50.	2.7	.0	32.0	
66. 69	E 121 T	* 231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	50.	2.9	.0	32.0	
67. 1	EB 121	* 231304.0	569742.0	231301.2	569749.1	*	8.	338. AG	36. 100.0	.0	12.0	.06	.4
68. 71	E 121	* 231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	50.	2.9	.0	32.0	
69. 71	E 121	* 232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	50.	2.9	.0	32.0	
70. 73	E 121 all	* 232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	525.	2.9	.0	32.0	

JOB: SITE 19 NB30AM
DATE: 12/19/2006 TIME: 10:13:01.73

RUN: S19 NB30 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

S19NB30A.OUT									
17.	NB OFFR L	*	60	35	2.0	450	1770	29.10	1
24.	WB MD121	*	60	23	2.0	1500	1565	29.10	1
38.	WB 121 T	*	120	65	2.0	700	1863	29.10	1
51.	SB OFF L	*	120	98	2.0	25	1770	29.10	1
55.	EB 121	*	120	20	2.0	25	1001	10.00	1
67.	EB 121	*	60	28	2.0	50	1770	29.10	1

RECEPTOR LOCATIONS

RECEPTOR		COORDINATES (FT)		
		X	Y	Z
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0
2. REC 2 NB ONRAMP	*	232082.0	570337.0	5.0
3. REC3 NB ONRAMP	*	232074.0	570451.0	5.0
4. REC 4 NB ONRAMP	*	232085.0	570539.0	5.0
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0
6. REC 6 NB ONRAMP	*	232072.0	570716.0	5.0
7. REC 7 NB ONRAMP	*	231974.0	570519.0	5.0
8. REC 8 NB ONRAMP	*	231871.0	570370.0	5.0
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0
13. REC 13 SB ONRAMP	*	231211.0	569696.0	5.0
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0
15. REC 15 SB ONRAMP	*	231126.0	569607.0	5.0
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0

JOB: SITE 19 NB30AM

RUN: S19 NB30 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.1	.2	.1	.1	.0	.0	.1	.4	.2	.2	.0	.1	.0	.1
5.	*	.0	.0	.0	.2	.0	.1	.0	.0	.1	.3	.2	.2	.1	.1	.0	.1
10.	*	.0	.0	.0	.0	.0	.1	.0	.0	.3	.4	.2	.2	.1	.1	.0	.1
15.	*	.0	.0	.0	.0	.0	.2	.0	.0	.3	.4	.2	.2	.0	.0	.0	.1
20.	*	.0	.0	.0	.0	.0	.2	.0	.1	.4	.5	.3	.2	.0	.1	.0	.0
25.	*	.0	.0	.0	.0	.0	.2	.0	.1	.4	.4	.3	.1	.1	.1	.0	.1
30.	*	.0	.0	.0	.0	.0	.2	.1	.1	.3	.4	.1	.1	.1	.1	.0	.1
35.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.2	.1	.1	.2	.0	.2
40.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.2	.2	.0	.2	.0	.2
45.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.2
50.	*	.0	.0	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.2
55.	*	.0	.0	.0	.0	.0	.2	.1	.3	.1	.2	.1	.1	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.1	.1	.1	.1	.1	.1
65.	*	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.1
80.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.1
85.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.1	.2	.1	.2
90.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.2
95.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.2
100.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.2	.1	.2	.2	.1	.2
105.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.1	.2
110.	*	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.1	.2	.2	.2
115.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.3	.1	.0	.1	.1	.1	.2
120.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.1	.0	.1	.1	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.0	.0	.1	.1	.1	.1
130.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.1
135.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0
145.	*	.0	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
150.	*	.0	.1	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
155.	*	.1	.1	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
160.	*	.1	.2	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.2	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0
170.	*	.1	.2	.1	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.1	.0
175.	*	.1	.2	.2	.0	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0
180.	*	.1	.2	.2	.0	.0	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0
185.	*	.2	.3	.3	.1	.0	.3	.3	.4	.0	.0	.0	.0	.0	.0	.1	.0
190.	*	.3	.4	.4	.2	.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.1	.0
195.	*	.4	.4	.2	.2	.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.1	.0
200.	*	.4	.4	.2	.2	.1	.2	.4	.5	.0	.0	.0	.0	.0	.0	.1	.0
205.	*	.4	.4	.3	.2	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0

JOB: SITE 19 NB30AM

RUN: S19 NB30 AM

PAGE 5

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.4	.4	.3	.1	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.4	.4	.2	.2	.3	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.4	.4	.2	.2	.2	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.4	.4	.3	.2	.1	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.4	.3	.3	.2	.2	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.3	.3	.2	.2	.0	.2	.3	.1	.0	.1	.0	.0	.0	.0	.0
240.	*	.4	.3	.3	.4	.1	.0	.2	.3	.1	.0	.2	.0	.0	.0	.0	.0
245.	*	.4	.4	.4	.4	.1	.0	.2	.3	.1	.0	.2	.1	.0	.0	.0	.0
250.	*	.4	.4	.4	.3	.1	.0	.2	.2	.2	.0	.2	.1	.0	.0	.0	.0

S19NB30A.OUT

255.	*	.4	.5	.4	.1	.1	.0	.2	.2	.2	.0	.1	.2	.0	.0	.0	.0
260.	*	.4	.5	.4	.1	.2	.1	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
265.	*	.3	.5	.2	.0	.2	.1	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
270.	*	.3	.5	.1	.2	.2	.1	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
275.	*	.3	.5	.2	.2	.1	.0	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
280.	*	.2	.3	.1	.2	.1	.0	.1	.3	.2	.1	.2	.2	.0	.0	.0	.0
285.	*	.4	.4	.1	.2	.1	.0	.1	.2	.2	.1	.2	.2	.0	.0	.0	.0
290.	*	.4	.4	.1	.1	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0
295.	*	.3	.3	.0	.1	.1	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0
300.	*	.2	.5	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0
305.	*	.2	.3	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0	.0
310.	*	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
315.	*	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
320.	*	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
325.	*	.2	.3	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
330.	*	.2	.2	.0	.1	.2	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
335.	*	.2	.2	.0	.1	.2	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0
340.	*	.1	.1	.0	.1	.2	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0
345.	*	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0
350.	*	.0	.0	.1	.1	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0
355.	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.3	.2	.2	.0	.0	.0	.0
360.	*	.0	.0	.1	.2	.1	.1	.0	.0	.1	.4	.2	.2	.0	.1	.0	.1
MAX	*	.4	.5	.4	.4	.3	.3	.4	.5	.4	.5	.3	.2	.2	.2	.2	.2
DEGR.	*	195	255	190	240	215	185	200	190	20	20	20	0	75	35	110	35

THE HIGHEST CONCENTRATION IS .50 PPM AT 255 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 20 DEGREES FROM REC10.

1

JOB: SITE 19 NB30AM
 DATE: 12/19/2006 TIME: 10:13:01.73

RUN: S19 NB30 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 255	REC3 190	REC4 240	REC5 215	REC6 185	REC7 200	REC8 190	REC9 20	REC10 20	REC11 20	REC12 0	REC13 75	REC14 35	REC15 110	REC16 35
1	*	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
2	*	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.1
9	*	.1	.0	.1	.0	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.1	.1	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 NB30AM

RUN: S19 NB30 AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 255	REC3 190	REC4 240	REC5 215	REC6 185	REC7 200	REC8 190	REC9 20	REC10 20	REC11 20	REC12 0	REC13 75	REC14 35	REC15 110	REC16 35
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S19NB30A.OUT

S19NB30P.DAT

SITE 19 NB30PM	60.0175.0.0000.00	160.30480000	1	1
REC 1 NB ONRAMP	232187.	570066.	5.	
REC 2 NB ONRAMP	232082.	570337.	5.	
REC 3 NB ONRAMP	232074.	570451.	5.	
REC 4 NB ONRAMP	232085.	570539.	5.	
REC 5 NB ONRAMP	232137.	570706.	5.	
REC 6 NB ONRAMP	232072.	570716.	5.	
REC 7 NB ONRAMP	231974.	570519.	5.	
REC 8 NB ONRAMP	231871.	570370.	5.	
REC 9 SB ONRAMP	231337.	569685.	5.	
REC 10 SB ONRAMP	231421.	569771.	5.	
REC 11 SB ONRAMP	231276.	569630.	5.	
REC 12 SB ONRAMP	231181.	569547.	5.	
REC 13 SB ONRAMP	231211.	569696.	5.	
REC 14 SB ONRAMP	231230.	569781.	5.	
REC 15 SB ONRAMP	231126.	569607.	5.	
REC 16 SB ONRAMP	231206.	569883.	5.	
S19 NB30 PM	70	1	1	

1	1	NB 270 AP	AG232070.569259.231698.570071.	7375 2.7 0. 44.	32.
2	1	NB 270 AP	AG231698.570071.231466.570534.	7375 2.7 0. 44.	32.
3	1	NB 270 DP	AG231466.570534.231235.570909.	5425 2.9 0. 44.	40.
4	1	NB HOV	AG232054.569250.231686.570052.	1175 2.9 0. 32.	40.
5	1	NB HOV	AG231686.570052.231433.570536.	1175 2.9 0. 32.	40.
6	1	NB HOV	AG231433.570536.231216.570901.	1175 2.9 0. 32.	40.
7	1	SB 270 AP	AG231167.570882.231439.570438.	2700 3.8 0. 56.	58.
8	1	SB 270 AP	AG231439.570438.231597.570134.	2700 3.8 0. 56.	58.
9	1	SB 270 DP	AG231597.570134.232008.569228.	4125 3.9 0. 56.	60.
14	1	NB OFF	RAMAG232084.569262.232010.569450.	1625 2.7 0. 32.	30.
15	1	NB OFF	RAMAG232010.569450.232005.569530.	1625 2.7 0. 32.	30.
16	1	NB OFF	RAMAG232005.569530.232031.569604.	1625 2.7 0. 32.	30.
17	1	NB OFF	RAMAG232031.569604.232188.569768.	1625 2.7 0. 32.	30.
18	1	NB OFF	RAMAG232188.569768.232197.569909.	1625 2.7 0. 32.	30.
19	1	NB OFF	RAMAG232197.569909.232039.570390.	1625 2.7 0. 32.	30.
20	2	NB OFFR L	AG232039.570390.232006.570481.	550 2.7 0. 32.	30.
60	35	NB OFFR L	AG232013.570461.232027.570424.	0. 12. 1	
22	1	NB OFFRR	AG232039.570390.232043.570493.	1 2.7 0. 32.	30.
23	1	NB OFFRR	AG232043.570493.232074.570555.	1 2.7 0. 32.	30.
24	1	NB OFFRR	AG232074.570555.232097.570646.	1 2.7 0. 32.	30.
25	1	WB MD121	AG232125.570876.232085.570671.	1000 2.7 0. 44.	30.
26	1	WB MD121	AG232085.570671.232030.570534.	1000 2.7 0. 44.	30.
27	2	WB MD121	AG232030.570534.231988.570472.	1000 2.7 0. 32.	30.
60	23	WB MD121	AG232013.570461.232027.570424.	0. 12. 1	
29	1	WB MD121	AG231988.570472.231538.569967.	1475 2.7 0. 44.	30.
31	1	I270 SB	ONAG231538.569967.231461.569912.	650 2.7 0. 32.	30.
31	1	I270 SB	ONAG231461.569912.231353.569884.	650 2.7 0. 32.	30.
31	1	I270 SB	ONAG231353.569884.231234.569967.	650 2.7 0. 32.	30.
74	1	eb121toCir	AG231325.569736.231234.569967.	575 2.7 0. 32.	30.
31	1	270 SB	CirAG231234.569967.231124.570250.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231124.570250.231157.570405.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231157.570405.231251.570456.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231251.570456.231345.570440.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231345.570440.231442.570351.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231442.570351.231544.570185.	325 2.7 0. 32.	30.
31	1	270 SB	CirAG231544.570185.231597.570134.	325 2.7 0. 32.	30.
44	2	WB 121 T	AG231543.569968.231323.569728.	625 2.7 0. 32.	35.
90	62	WB 121 T	AG231337.569743.231410.569823.	0. 12. 1	
42	1	WB 121 dp	AG231323.569728.231211.569607.	625 2.7 0. 32.	35.
43	1	WB121dpAll	AG231211.569607.231064.569513.	650 2.7 0. 32.	35.
44	1	WB121dpAll	AG231064.569513.230937.569472.	650 2.7 0. 32.	35.
45	1	SB OFRAMP	AG231152.570876.231242.570727.	50 2.7 0. 32.	30.

S19NB30P.DAT

46	SB OFRAMP	AG231242.570727.231262.570661.	50 2.7	0. 32.	30.
47	SB OFRAMP	AG231262.570661.231233.570530.	50 2.7	0. 32.	30.
48	SB OFRAMP	AG231233.570530.231126.570399.	50 2.7	0. 32.	30.
49	SB OFRAMP	AG231126.570399.231107.570246.	50 2.7	0. 32.	30.
50	SB OFRAMP	AG231107.570246.231261.569850.	50 2.7	0. 32.	30.
51	SB OFF R	AG231261.569850.231254.569683.	25 2.7	0. 32.	30.
52	SB OFF R	AG231254.569683.231180.569589.	25 2.7	0. 32.	30.
53	SB OFF L	AG231261.569850.231314.569715.	25 2.7	0. 32.	30.
2	SB OFF L	AG231304.569742.231270.569828.	0. 12.	1	
90	68	2.0 25 29.1 1770 1 1			
55	EB 121	AG230942.569464.231098.569516.	775 2.9	0. 32.	40.
56	EB 121	AG231098.569516.231231.569612.	775 2.9	0. 32.	40.
57	EB 121	AG231231.569612.231332.569721.	775 2.9	0. 32.	40.
2	EB 121	AG231304.569742.231270.569828.	0. 12.	1	
90	20	2.0 25 29.1 1032 1 1			
59	EB 121dp	AG231332.569721.231783.570221.	200 2.9	0. 32.	40.
60	270NBtoCir	AG231783.570221.231866.570279.	150 2.9	0. 32.	40.
61	270NBtoCir	AG231866.570279.231954.570292.	150 2.7	0. 32.	30.
61	270NBtoCir	AG231954.570292.232074.570226.	150 2.7	0. 32.	30.
61	270 NB Cir	AG232074.570226.232167.569932.	175 2.7	0. 32.	30.
61	270 NB Cir	AG232167.569932.232144.569747.	175 2.7	0. 32.	30.
61	270 NB Cir	AG232144.569747.231995.569702.	175 2.7	0. 32.	30.
61	270 NB Cir	AG231995.569702.231883.569776.	175 2.7	0. 32.	30.
61	270 NB Cir	AG231883.569776.231710.570049.	175 2.7	0. 32.	30.
68	121 TO	270AG232003.570450.232074.570226.	25 2.7	0. 32.	30.
69	E 121 T	AG231783.570221.231997.570466.	25 2.9	0. 32.	40.
2	EB 121	AG231304.569742.231270.569828.	0. 12.	1	
60	27	2.0 25 29.1 1770 1 1			
71	E 121	AG231997.570466.232048.570550.	75 2.9	0. 32.	40.
71	E 121	AG232048.570550.232097.570646.	75 2.9	0. 32.	40.
73	E 121 all	AG232097.570646.232140.570871.	1150 2.9	0. 32.	40.
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: SITE 19 NB30PM
DATE: 12/19/2006 TIME: 10:20:05.43

RUN: S19 NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 270 AP	* 232070.0	569259.0	231698.0	570071.0	*	893.	335. AG	7375.	2.7	.0	44.0	
2. 2	NB 270 AP	* 231698.0	570071.0	231466.0	570534.0	*	518.	333. AG	7375.	2.7	.0	44.0	
3. 3	NB 270 DP	* 231466.0	570534.0	231235.0	570909.0	*	440.	328. AG	5425.	2.9	.0	44.0	
4. 4	NB HOV	* 232054.0	569250.0	231686.0	570052.0	*	882.	335. AG	1175.	2.9	.0	32.0	
5. 5	NB HOV	* 231686.0	570052.0	231433.0	570536.0	*	546.	332. AG	1175.	2.9	.0	32.0	
6. 6	NB HOV	* 231433.0	570536.0	231216.0	570901.0	*	425.	329. AG	1175.	2.9	.0	32.0	
7. 7	SB 270 AP	* 231167.0	570882.0	231439.0	570438.0	*	521.	149. AG	2700.	3.8	.0	56.0	
8. 8	SB 270 AP	* 231439.0	570438.0	231597.0	570134.0	*	343.	153. AG	2700.	3.8	.0	56.0	
9. 9	SB 270 DP	* 231597.0	570134.0	232008.0	569228.0	*	995.	156. AG	4125.	3.9	.0	56.0	
10. 14	NB OFF RAM*	232084.0	569262.0	232010.0	569450.0	*	202.	339. AG	1625.	2.7	.0	32.0	
11. 15	NB OFF RAM*	232010.0	569450.0	232005.0	569530.0	*	80.	356. AG	1625.	2.7	.0	32.0	
12. 16	NB OFF RAM*	232005.0	569530.0	232031.0	569604.0	*	78.	19. AG	1625.	2.7	.0	32.0	
13. 17	NB OFF RAM*	232031.0	569604.0	232188.0	569768.0	*	227.	44. AG	1625.	2.7	.0	32.0	
14. 18	NB OFF RAM*	232188.0	569768.0	232197.0	569909.0	*	141.	4. AG	1625.	2.7	.0	32.0	
15. 19	NB OFF RAM*	232197.0	569909.0	232039.0	570390.0	*	506.	342. AG	1625.	2.7	.0	32.0	
16. 20	NB OFFRR L	* 232039.0	570390.0	232006.0	570481.0	*	97.	340. AG	550.	2.7	.0	32.0	
17. 21	NB OFFRR L	* 232013.0	570461.0	232075.7	570295.1	*	177.	159. AG	46. 100.0	.0	12.0	.89	9.0
18. 22	NB OFFRRR	* 232039.0	570390.0	232043.0	570493.0	*	103.	2. AG	1. 2.7	.0	32.0		
19. 23	NB OFFRRR	* 232043.0	570493.0	232074.0	570555.0	*	69.	27. AG	1. 2.7	.0	32.0		
20. 24	NB OFFRRR	* 232074.0	570555.0	232097.0	570646.0	*	94.	14. AG	1. 2.7	.0	32.0		
21. 25	WB MD121	* 232125.0	570876.0	232085.0	570671.0	*	209.	191. AG	1000.	2.7	.0	44.0	
22. 26	WB MD121	* 232085.0	570671.0	232030.0	570534.0	*	148.	202. AG	1000.	2.7	.0	44.0	
23. 27	WB MD121	* 232030.0	570534.0	231988.0	570472.0	*	75.	214. AG	1000.	2.7	.0	32.0	
24. 28	WB MD121	* 232013.0	570461.0	232636.4	568812.3	*	1763.	159. AG	30. 100.0	.0	12.0	1.16	89.5
25. 29	WB MD121	* 231988.0	570472.0	231538.0	569967.0	*	676.	222. AG	1475.	2.7	.0	44.0	
26. 31	I270 SB ON*	231538.0	569967.0	231461.0	569912.0	*	95.	234. AG	650.	2.7	.0	32.0	
27. 31	I270 SB ON*	231461.0	569912.0	231353.0	569884.0	*	112.	255. AG	650.	2.7	.0	32.0	
28. 31	I270 SB ON*	231353.0	569884.0	231234.0	569967.0	*	145.	305. AG	650.	2.7	.0	32.0	
29. 74	eb121toCir*	231325.0	569736.0	231234.0	569967.0	*	248.	338. AG	575.	2.7	.0	32.0	
30. 31	270 SB Cir*	231234.0	569967.0	231124.0	570250.0	*	304.	339. AG	325.	2.7	.0	32.0	
31. 31	270 SB Cir*	231124.0	570250.0	231157.0	570405.0	*	158.	12. AG	325.	2.7	.0	32.0	
32. 31	270 SB Cir*	231157.0	570405.0	231251.0	570456.0	*	107.	62. AG	325.	2.7	.0	32.0	
33. 31	270 SB Cir*	231251.0	570456.0	231345.0	570440.0	*	95.	100. AG	325.	2.7	.0	32.0	
34. 31	270 SB Cir*	231345.0	570440.0	231442.0	570351.0	*	132.	133. AG	325.	2.7	.0	32.0	
35. 31	270 SB Cir*	231442.0	570351.0	231544.0	570185.0	*	195.	148. AG	325.	2.7	.0	32.0	
36. 31	270 SB Cir*	231544.0	570185.0	231597.0	570134.0	*	74.	134. AG	325.	2.7	.0	32.0	
37. 44	WB 121 T	* 231543.0	569968.0	231323.0	569728.0	*	326.	223. AG	625.	2.7	.0	32.0	
38. 42	WB 121 T	* 231337.0	569743.0	232493.5	571010.0	*	1715.	42. AG	54. 100.0	.0	12.0	1.26	87.1
39. 42	WB 121 dp	* 231323.0	569728.0	231211.0	569607.0	*	165.	223. AG	625.	2.7	.0	32.0	
40. 43	WB121dpAll*	231211.0	569607.0	231064.0	569513.0	*	175.	237. AG	650.	2.7	.0	32.0	
41. 44	WB121dpAll*	231064.0	569513.0	230937.0	569472.0	*	133.	252. AG	650.	2.7	.0	32.0	
42. 45	SB OFRAMP	* 231152.0	570876.0	231242.0	570727.0	*	174.	149. AG	50.	2.7	.0	32.0	
43. 46	SB OFRAMP	* 231242.0	570727.0	231262.0	570661.0	*	69.	163. AG	50.	2.7	.0	32.0	
44. 47	SB OFRAMP	* 231262.0	570661.0	231233.0	570530.0	*	134.	192. AG	50.	2.7	.0	32.0	

JOB: SITE 19 NB30PM
DATE: 12/19/2006 TIME: 10:20:05.43

RUN: S19 NB30 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 48	SB OFRAMP	* 231233.0	570530.0	231126.0	570399.0	*	169.	219. AG	50.	2.7	.0	32.0	
46. 49	SB OFRAMP	* 231126.0	570399.0	231107.0	570246.0	*	154.	187. AG	50.	2.7	.0	32.0	
47. 50	SB OFRAMP	* 231107.0	570246.0	231261.0	569850.0	*	425.	159. AG	50.	2.7	.0	32.0	
48. 51	SB OFF R	* 231261.0	569850.0	231254.0	569683.0	*	167.	182. AG	25.	2.7	.0	32.0	
49. 52	SB OFF R	* 231254.0	569683.0	231180.0	569589.0	*	120.	218. AG	25.	2.7	.0	32.0	
50. 53	SB OFF L	* 231261.0	569850.0	231314.0	569715.0	*	145.	159. AG	25.	2.7	.0	32.0	
51. 54	SB OFF L	* 231304.0	569742.0	231299.9	569752.4	*	11.	338. AG	59. 100.0	.0	12.0	.07	.6
52. 55	EB 121	* 230942.0	569464.0	231098.0	569516.0	*	164.	72. AG	775.	2.9	.0	32.0	
53. 56	EB 121	* 231098.0	569516.0	231231.0	569612.0	*	164.	54. AG	775.	2.9	.0	32.0	
54. 57	EB 121	* 231231.0	569612.0	231332.0	569721.0	*	149.	43. AG	775.	2.9	.0	32.0	
55. 58	EB 121	* 231304.0	569742.0	231303.0	569744.6	*	3.	339. AG	17. 100.0	.0	12.0	.03	.1
56. 59	EB 121dp	* 231332.0	569721.0	231783.0	570221.0	*	673.	42. AG	200.	2.9	.0	32.0	
57. 60	270NBtoCir*	231783.0	570221.0	231866.0	570279.0	*	101.	55. AG	150.	2.9	.0	32.0	
58. 61	270NBtoCir*	231866.0	570279.0	231954.0	570292.0	*	89.	82. AG	150.	2.7	.0	32.0	
59. 61	270NBtoCir*	231954.0	570292.0	232074.0	570226.0	*	137.	119. AG	150.	2.7	.0	32.0	
60. 61	270 NB Cir*	232074.0	570226.0	232167.0	569932.0	*	308.	162. AG	175.	2.7	.0	32.0	
61. 61	270 NB Cir*	232167.0	569932.0	232144.0	569747.0	*	186.	187. AG	175.	2.7	.0	32.0	
62. 61	270 NB Cir*	232144.0	569747.0	231995.0	569702.0	*	156.	253. AG	175.	2.7	.0	32.0	
63. 61	270 NB Cir*	231995.0	569702.0	231883.0	569776.0	*	134.	303. AG	175.	2.7	.0	32.0	
64. 61	270 NB Cir*	231883.0	569776.0	231710.0	570049.0	*	323.	328. AG	175.	2.7	.0	32.0	
65. 68	121 TO 270*	232003.0	570450.0	232074.0	570226.0	*	235.	162. AG	25.	2.7	.0	32.0	
66. 69	E 121 T	* 231783.0	570221.0	231997.0	570466.0	*	325.	41. AG	25.	2.9	.0	32.0	
67. 70	EB 121	* 231304.0	569742.0	231302.6	569745.4	*	4.	338. AG	35. 100.0	.0	12.0	.03	.2
68. 71	E 121	* 231997.0	570466.0	232048.0	570550.0	*	98.	31. AG	75.	2.9	.0	32.0	
69. 71	E 121	* 232048.0	570550.0	232097.0	570646.0	*	108.	27. AG	75.	2.9	.0	32.0	
70. 73	E 121 all	* 232097.0	570646.0	232140.0	570871.0	*	229.	11. AG	1150.	2.9	.0	32.0	

JOB: SITE 19 NB30PM
DATE: 12/19/2006 TIME: 10:20:05.43

RUN: S19 NB30 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

S19NB30P.OUT									
17.	NB OFFR L	*	60	35	2.0	550	1770	29.10	1
24.	WB MD121	*	60	23	2.0	1000	1565	29.10	1
38.	WB 121 T	*	90	62	2.0	625	1863	29.10	1
51.	SB OFF L	*	90	68	2.0	25	1770	29.10	1
55.	EB 121	*	90	20	2.0	25	1032	29.10	1
67.	EB 121	*	60	27	2.0	25	1770	29.10	1

RECEPTOR LOCATIONS

RECEPTOR		COORDINATES (FT)		
		X	Y	Z
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0
2. REC 2 NB ONRAMP	*	232082.0	570337.0	5.0
3. REC3 NB ONRAMP	*	232074.0	570451.0	5.0
4. REC 4 NB ONRAMP	*	232085.0	570539.0	5.0
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0
6. REC 6 NB ONRAMP	*	232072.0	570716.0	5.0
7. REC 7 NB ONRAMP	*	231974.0	570519.0	5.0
8. REC 8 NB ONRAMP	*	231871.0	570370.0	5.0
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0
13. REC 13 SB ONRAMP	*	231211.0	569696.0	5.0
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0
15. REC 15 SB ONRAMP	*	231126.0	569607.0	5.0
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0

JOB: SITE 19 NB30PM

RUN: S19 NB30 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	*	.0	.0	.1	.2	.1	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0
5.	*	.0	.0	.1	.3	.1	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0
10.	*	.0	.0	.1	.3	.1	.1	.0	.0	.2	.3	.1	.1	.0	.0	.0	.0
15.	*	.0	.0	.1	.2	.0	.1	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0
20.	*	.0	.0	.1	.2	.0	.2	.0	.0	.2	.2	.2	.2	.1	.1	.0	.0
25.	*	.0	.0	.1	.2	.0	.2	.0	.1	.2	.3	.3	.2	.1	.1	.1	.1
30.	*	.0	.0	.1	.2	.0	.2	.0	.1	.2	.3	.3	.2	.1	.1	.1	.1
35.	*	.0	.0	.1	.2	.0	.2	.0	.2	.3	.4	.3	.3	.1	.1	.1	.1
40.	*	.0	.0	.0	.2	.0	.2	.1	.3	.3	.3	.4	.2	.2	.1	.1	.1
45.	*	.0	.0	.0	.1	.0	.2	.2	.3	.3	.3	.2	.2	.2	.1	.1	.1
50.	*	.0	.0	.0	.1	.1	.2	.2	.3	.3	.2	.3	.2	.2	.3	.2	.1
55.	*	.0	.0	.0	.1	.1	.2	.2	.4	.2	.2	.2	.2	.2	.3	.2	.1
60.	*	.0	.0	.0	.0	.1	.2	.2	.4	.2	.2	.2	.2	.3	.2	.2	.1
65.	*	.0	.0	.0	.0	.1	.3	.1	.3	.2	.2	.2	.2	.3	.3	.2	.2
70.	*	.0	.0	.0	.0	.1	.3	.1	.3	.2	.2	.2	.2	.2	.3	.2	.1
75.	*	.0	.0	.0	.0	.1	.3	.1	.3	.2	.2	.2	.2	.2	.3	.2	.2
80.	*	.0	.0	.0	.0	.1	.3	.1	.3	.2	.2	.2	.2	.2	.3	.2	.2
85.	*	.0	.0	.0	.0	.1	.3	.2	.3	.2	.2	.2	.2	.2	.3	.2	.2
90.	*	.0	.0	.0	.0	.1	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2
95.	*	.0	.0	.0	.0	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2
100.	*	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
105.	*	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2
110.	*	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.0	.2	.2	.0	.2
115.	*	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.2	.2	.0	.2
120.	*	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.2	.0	.2
125.	*	.0	.0	.0	.0	.1	.2	.2	.2	.1	.2	.0	.0	.0	.1	.0	.2
130.	*	.0	.0	.0	.0	.1	.2	.2	.2	.0	.2	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.1	.2	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.1	.0	.0	.1	.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.1	.2	.0	.0	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.2	.0	.0	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.3	.2	.0	.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.2	.3	.2	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.2	.3	.2	.1	.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.2	.4	.3	.2	.1	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.2	.6	.5	.2	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.3	.6	.5	.2	.2	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.4	.6	.4	.2	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.4	.6	.4	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.4	.6	.4	.2	.4	.3	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: SITE 19 NB30PM

RUN: S19 NB30 PM

PAGE 5

WIND ANGLE (DEGR)		CONCENTRATION (PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.4	.6	.3	.3	.4	.2	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.4	.5	.3	.4	.3	.1	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.4	.5	.3	.4	.4	.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.4	.5	.3	.4	.4	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.4	.5	.5	.4	.2	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.5	.4	.4	.2	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0
240.	*	.4	.5	.4	.4	.2	.1	.1	.3	.1	.0	.2	.0	.0	.0	.0	.0
245.	*	.4	.4	.4	.3	.3	.1	.1	.3	.1	.0	.2	.1	.0	.0	.0	.0
250.	*	.4	.4	.4	.3	.3	.0	.1	.2	.1	.0	.2	.1	.0	.0	.0	.0

S19NB30P.OUT

255.	*	.4	.4	.4	.3	.2	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
260.	*	.4	.4	.4	.3	.2	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
265.	*	.4	.4	.3	.3	.2	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
270.	*	.4	.4	.3	.2	.2	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
275.	*	.3	.4	.2	.2	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
280.	*	.3	.4	.1	.4	.2	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
285.	*	.3	.4	.2	.3	.2	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
290.	*	.3	.3	.2	.2	.2	.0	.1	.3	.1	.1	.1	.1	.0	.0	.0	.0
295.	*	.3	.4	.2	.2	.2	.0	.1	.3	.1	.1	.1	.1	.0	.0	.0	.0
300.	*	.3	.4	.1	.2	.2	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0
305.	*	.3	.3	.1	.2	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
310.	*	.2	.3	.1	.2	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
315.	*	.2	.3	.1	.2	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
320.	*	.2	.3	.1	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
325.	*	.2	.3	.1	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
330.	*	.2	.3	.1	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
335.	*	.2	.3	.1	.2	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
340.	*	.2	.1	.1	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
345.	*	.0	.0	.1	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
350.	*	.0	.0	.1	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
355.	*	.0	.0	.1	.3	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
360.	*	.0	.0	.1	.2	.1	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0
MAX	*	.4	.6	.5	.4	.4	.5	.5	.7	.3	.4	.4	.3	.3	.3	.2	.2
DEGR.	*	195	185	185	215	205	190	150	210	35	35	40	35	60	50	50	65

THE HIGHEST CONCENTRATION IS .70 PPM AT 210 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 185 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 185 DEGREES FROM REC3 .

1

JOB: SITE 19 NB30PM
 DATE: 12/19/2006 TIME: 10:20:05.43

RUN: S19 NB30 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 185	REC3 185	REC4 215	REC5 205	REC6 190	REC7 150	REC8 210	REC9 35	REC10 35	REC11 40	REC12 35	REC13 60	REC14 50	REC15 50	REC16 65
1	*	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.1	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: SITE 19 NB30PM

RUN: S19 NB30 PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)															
		REC1 195	REC2 185	REC3 185	REC4 215	REC5 205	REC6 190	REC7 150	REC8 210	REC9 35	REC10 35	REC11 40	REC12 35	REC13 60	REC14 50	REC15 50	REC16 65
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S19NB30P.OUT

S19B130A.DAT

1		SB Off	RamAG231355.569842.231491.569992.	875 2.7 0. 32.	35
0	2	SB Off	RamAG231376.569866.231446.569943.	0. 12. 1	
150		74	5.0 875 29.1 1863 1 1		
1		SB Off	RamAG231378.569839.231174.569617.	1125 2.7 0. 44.	40
0	2	SB Off	RamAG231357.569816.231273.569725.	0. 24. 2	
150		20	5.0 1125 29.1 981 1 1		
1		SB Off	RamAG231174.569617.231084.569540.	1125 2.7 0. 44.	40
0	1	SB Off	RamAG231084.569540.230994.569488.	1125 2.7 0. 44.	40
0	1	SB Off	RamAG230994.569488.230869.569442.	1125 2.7 0. 44.	40
0	1	EB 121	AG231770.570278.231382.569841.	575 2.7 0. 44.	40
0	1	SB Off	RamAG231373.569844.231259.569950.	650 2.7 0. 32.	40
1		SB Off	RamAG231259.569950.231232.570011.	650 2.7 0. 32.	40
0	1	SB Off	RamAG231208.569691.231257.569774.	500 2.7 0. 32.	40
1		SB Off	RamAG231257.569774.231259.569856.	500 2.7 0. 32.	40
0	1	SB Off	RamAG231259.569856.231097.570272.	500 2.7 0. 32.	40
0	1	SB Off	RamAG231097.570272.231095.570348.	500 2.7 0. 32.	40
0	1	SB Off	RamAG231095.570348.231177.570564.	500 2.7 0. 32.	40
0	1	SB Off	RamAG231177.570564.231191.570654.	500 2.7 0. 32.	40
0	1	SB Off	RamAG231191.570654.231153.570825.	500 2.7 0. 32.	40
all	1	SB Off	RamAG230855.569457.231003.569508.	1275 2.7 0. 32.	35
all	1	SB Off	RamAG231003.569508.231079.569555.	1275 2.7 0. 32.	35
all	1	SB Off	RamAG231079.569555.231159.569632.	1275 2.7 0. 32.	35
all	1	SB Off	RamAG231159.569632.231212.569688.	1275 2.7 0. 32.	35
1		SB Off	RamAG231215.569691.231356.569842.	1275 2.7 0. 32.	35
1		SB GP	AG231995.569147.231770.569671.	6575 3.8 0. 56.	58
0	1	SB GP	AG231770.569671.231578.570078.	6575 3.8 0. 56.	58
0	1	SB GP	AG231578.570078.231333.570539.	4225 3.8 0. 44.	58
0	1	SB GP	AG231333.570539.231102.570913.	4225 3.8 0. 44.	58
0	1	SB ETL	AG232047.569166.231824.569664.	750 4.0 0. 32.	62
0	1	SB ETL	AG231824.569664.231609.570122.	750 4.0 0. 32.	62
1		SB ETL	AG231608.570122.231440.570440.	1675 4.0 0. 32.	62
0	1	SB ETL	AG231440.570440.231249.570764.	1675 4.0 0. 32.	62
0	1	SB ETL	AG231249.570764.231141.570938.	1675 4.0 0. 32.	62
1		NB ETL	AG231183.570963.231341.570701.	925 4.0 0. 32.	62
0	1	NB ETL	AG231341.570701.231557.570323.	925 4.0 0. 32.	62
0	1	NB ETL	AG231557.570323.231648.570143.	925 4.0 0. 32.	62
1		NB ETL	AG231651.570141.231791.569846.	700 4.0 0. 32.	62
0	1	NB ETL	AG231791.569846.231958.569475.	700 4.0 0. 32.	62
0	1	NB ETL	AG231958.569475.232089.569186.	700 4.0 0. 32.	62
1		NB GP	AG231226.570983.231490.570548.	1775 3.8 0. 44.	58
1		NB GP	AG231490.570548.231690.570177.	1775 3.8 0. 44.	58
1		NB GP	AG231692.570175.231850.569835.	2600 3.9 0. 56.	61
0	1	NB GP	AG231850.569835.232127.569208.	2600 3.9 0. 56.	61
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: S19 B130AM
DATE: 12/22/2006 TIME: 22:28:39.47

RUN: S19 B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1175.	2.7	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1175.	2.7	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1175.	2.7	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1175.	2.7	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1175.	2.7	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1175.	2.7	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	575.	2.7	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232154.6	570288.1	*	246.	131. AG	44. 100.0	.0	12.0	.94	12.5
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1725.	2.7	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	232088.9	570602.8	*	122.	37. AG	97. 100.0	.0	36.0	.76	6.2
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1725.	2.7	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1725.	2.7	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	150.	2.7	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231903.7	570428.8	*	17.	223. AG	83. 100.0	.0	24.0	.11	.8
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	575.	2.7	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	575.	2.7	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	575.	2.7	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	575.	2.7	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	575.	2.7	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	575.	2.7	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	575.	2.7	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	575.	2.7	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	575.	2.7	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	575.	2.7	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	575.	2.7	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	150.	2.7	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	150.	2.7	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	150.	2.7	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1175.	2.7	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	2150.	2.7	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	1275.	2.7	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	1275.	2.7	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	1275.	2.7	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	1275.	2.7	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	1275.	2.7	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	1275.	2.7	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	1275.	2.7	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	1275.	2.7	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	1275.	2.7	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	1275.	2.7	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	100.	2.7	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231245.6	569933.6	*	99.	311. AG	67. 100.0	.0	12.0	.56	5.0
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	875.	2.7	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231924.2	570469.0	*	815.	42. AG	39. 100.0	.0	12.0	1.02	41.4

JOB: S19 B130AM
DATE: 12/22/2006 TIME: 22:28:39.47

RUN: S19 B130AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1125.	2.7	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231315.3	569770.9	*	61.	223. AG	21. 100.0	.0	24.0	.70	3.1
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	1125.	2.7	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	1125.	2.7	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	1125.	2.7	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	575.	2.7	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	650.	2.7	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	650.	2.7	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	500.	2.7	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	500.	2.7	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	500.	2.7	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	500.	2.7	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	500.	2.7	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	500.	2.7	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	500.	2.7	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	1275.	2.7	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	1275.	2.7	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	1275.	2.7	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	1275.	2.7	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	1275.	2.7	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	6575.	3.8	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	6575.	3.8	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	4225.	3.8	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	4225.	3.8	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	750.	4.0	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	750.	4.0	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	1675.	4.0	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	1675.	4.0	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	1675.	4.0	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	925.	4.0	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	925.	4.0	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	925.	4.0	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	700.	4.0	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	700.	4.0	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	700.	4.0	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	1775.	3.8	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B130A.OUT 570177.0 * 421. 152. AG 1775. 3.8 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 2600. 3.9 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 2600. 3.9 .0 56.0

1

PAGE 3

JOB: S19 B130AM RUN: S19 B130AM
 DATE: 12/22/2006 TIME: 22:28:39.47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	75	42	5.0	575	1770	29.10	1	1
10. NB Ramp W*	75	31	5.0	1725	1535	29.10	1	1
14. NB Ramp E*	75	40	5.0	150	1770	29.10	1	1
42. SB Off Ram*	150	128	5.0	100	1770	29.10	1	1
44. 0 SB Off Ram*	150	74	5.0	875	1863	29.10	1	1
46. SB Off Ram*	150	20	5.0	1125	981	29.10	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0 *
2. REC 2 NB ONRAMP	*	232093.0	570336.0	5.0 *
3. REC3 NB ONRAMP	*	232079.0	570451.0	5.0 *
4. REC 4 NB ONRAMP	*	232091.0	570539.0	5.0 *
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0 *
6. REC 6 NB ONRAMP	*	232059.0	570717.0	5.0 *
7. REC 7 NB ONRAMP	*	231919.0	570536.0	5.0 *
8. REC 8 NB ONRAMP	*	231815.0	570416.0	5.0 *
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0 *
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0 *
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0 *
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0 *
13. REC 13 SB ONRAMP	*	231190.0	569702.0	5.0 *
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0 *
15. REC 15 SB ONRAMP	*	231111.0	569618.0	5.0 *
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0 *

1

JOB: S19 B130AM RUN: S19 B130AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	* .0	.2	.1	.1	.1	.1	.0	.0	.2	.1	.2	.0	.0	.0	.0	.0	.1
5.	* .0	.2	.1	.1	.1	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0
10.	* .0	.2	.1	.1	.0	.2	.0	.0	.1	.1	.2	.1	.0	.1	.0	.0	.0
15.	* .0	.2	.0	.0	.0	.2	.0	.0	.1	.1	.2	.2	.1	.1	.0	.1	.1
20.	* .0	.2	.0	.0	.0	.3	.0	.0	.1	.3	.2	.2	.1	.1	.1	.1	.1
25.	* .0	.2	.0	.0	.0	.3	.1	.0	.1	.3	.1	.2	.1	.1	.1	.1	.1
30.	* .0	.2	.0	.0	.0	.3	.1	.0	.2	.2	.0	.1	.1	.1	.1	.1	.1
35.	* .0	.2	.0	.0	.0	.3	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1
40.	* .0	.2	.0	.0	.0	.3	.2	.3	.1	.2	.1	.1	.2	.1	.0	.1	.1
45.	* .0	.2	.0	.0	.0	.2	.4	.3	.1	.2	.1	.1	.2	.2	.1	.2	.2
50.	* .0	.2	.0	.0	.0	.2	.4	.3	.1	.3	.1	.1	.3	.2	.3	.2	.2
55.	* .0	.2	.0	.0	.0	.2	.4	.4	.1	.3	.1	.1	.4	.1	.3	.3	.3
60.	* .0	.2	.0	.0	.0	.2	.5	.4	.1	.3	.1	.1	.4	.1	.4	.3	.3
65.	* .0	.2	.0	.0	.0	.2	.5	.2	.1	.3	.1	.1	.4	.1	.4	.2	.2
70.	* .0	.2	.0	.0	.0	.2	.5	.2	.1	.2	.1	.1	.4	.2	.4	.2	.2
75.	* .0	.2	.0	.0	.0	.2	.5	.3	.1	.2	.1	.1	.3	.2	.3	.2	.2
80.	* .0	.2	.0	.0	.0	.2	.5	.3	.1	.2	.1	.1	.3	.3	.3	.2	.2
85.	* .0	.2	.0	.0	.0	.2	.5	.3	.1	.2	.2	.1	.3	.3	.2	.2	.2
90.	* .0	.2	.0	.0	.0	.1	.5	.3	.2	.2	.1	.1	.3	.3	.2	.2	.2
95.	* .0	.3	.0	.0	.0	.1	.5	.3	.2	.2	.1	.1	.4	.3	.3	.2	.2
100.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.3	.1	.1	.3	.4	.3	.1	.1
105.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.3	.1	.1	.3	.4	.3	.1	.1
110.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.3	.1	.1	.3	.3	.3	.2	.2
115.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.3	.1	.1	.3	.3	.3	.2	.2
120.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.3	.1	.0	.2	.3	.3	.1	.1
125.	* .0	.3	.0	.0	.0	.1	.4	.3	.1	.2	.1	.0	.3	.3	.2	.1	.1
130.	* .0	.3	.0	.0	.0	.2	.4	.3	.1	.2	.0	.0	.2	.3	.2	.1	.1
135.	* .0	.3	.0	.0	.0	.2	.3	.3	.1	.1	.0	.0	.2	.3	.2	.1	.1
140.	* .0	.2	.0	.0	.0	.2	.4	.3	.0	.1	.0	.0	.2	.2	.2	.0	.0
145.	* .0	.2	.0	.0	.0	.2	.4	.3	.0	.1	.0	.0	.2	.2	.2	.0	.0
150.	* .0	.2	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
155.	* .0	.1	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
160.	* .0	.2	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
165.	* .1	.2	.0	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
170.	* .1	.2	.1	.0	.0	.3	.2	.5	.0	.0	.0	.0	.2	.2	.2	.0	.0
175.	* .1	.1	.1	.0	.0	.3	.4	.6	.0	.0	.0	.0	.2	.2	.2	.0	.0
180.	* .1	.1	.2	.0	.0	.3	.3	.6	.0	.0	.0	.0	.2	.2	.2	.0	.0
185.	* .1	.2	.2	.1	.0	.3	.3	.6	.0	.0	.0	.0	.2	.1	.2	.0	.0
190.	* .2	.3	.2	.1	.1	.3	.5	.5	.0	.0	.0	.0	.2	.0	.2	.0	.0
195.	* .3	.2	.2	.1	.2	.4	.6	.5	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	* .3	.2	.3	.3	.1	.5	.6	.6	.0	.0	.0	.0	.1	.0	.2	.0	.0
205.	* .3	.3	.2	.2	.2	.5	.5	.6	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B130AM RUN: S19 B130AM

PAGE 5

WIND ANGLE (DEGR)	CONCENTRATION (PPM)															
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	.3	.2	.2	.2	.2	.5	.5	.5	.0	.0	.0	.0	.2	.0	.1	.0
215.	.3	.2	.2	.2	.3	.5	.5	.4	.0	.0	.0	.0	.2	.0	.1	.0
220.	.3	.2	.2	.2	.4	.4	.3	.5	.0	.0	.0	.0	.0	.0	.1	.0
225.	.3	.3	.2	.3	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
230.	.2	.3	.2	.2	.3	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
235.	.2	.2	.2	.2	.3	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
240.	.2	.2	.2	.3	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
245.	.1	.1	.3	.3	.3	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
250.	.3	.1	.3	.3	.3	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
255.	.3	.2	.3	.3	.1	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
260.	.3	.3	.3	.4	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
265.	.3	.3	.3	.3	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0
270.	.3	.3	.2	.3	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0
275.	.1	.3	.1	.3	.1	.0	.0	.2	.1	.1	.0	.1	.0	.0	.0	.0
280.	.2	.2	.1	.3	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
285.	.2	.2	.1	.3	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
290.	.2	.3	.1	.3	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
295.	.2	.3	.2	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
300.	.1	.4	.2	.3	.1	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0
305.	.1	.4	.3	.3	.1	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0
310.	.1	.4	.3	.3	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
315.	.1	.5	.3	.2	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
320.	.1	.5	.3	.2	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
325.	.1	.4	.3	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
330.	.1	.5	.3	.2	.2	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
335.	.1	.3	.4	.2	.2	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
340.	.1	.3	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
345.	.0	.3	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
350.	.0	.2	.1	.1	.1	.1	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
355.	.0	.2	.1	.1	.1	.1	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
360.	.0	.2	.1	.1	.1	.1	.0	.0	.2	.1	.2	.0	.0	.0	.0	.1
MAX	.3	.5	.4	.4	.4	.5	.6	.6	.2	.3	.2	.2	.4	.4	.4	.3
DEGR.	195	315	335	260	220	200	195	175	0	20	0	15	55	100	60	55

THE HIGHEST CONCENTRATION IS .60 PPM AT 195 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 175 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 315 DEGREES FROM REC2 .

1

JOB: S19 B130AM
 DATE: 12/22/2006 TIME: 22:28:39.47

RUN: S19 B130AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)															
	REC1 195	REC2 315	REC3 335	REC4 260	REC5 220	REC6 200	REC7 195	REC8 175	REC9 0	REC10 20	REC11 0	REC12 15	REC13 55	REC14 100	REC15 60	REC16 55
1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.1	.0	.2	.2	.0	.1	.0	.0	.0	.0	.0	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0

1

JOB: S19 B130AM

RUN: S19 B130AM

PAGE 7

* CO/LINK (PPM)

S19B130A.OUT

LINK #	*	ANGLE (DEGREES)															
		REC1 195	REC2 315	REC3 335	REC4 260	REC5 220	REC6 200	REC7 195	REC8 175	REC9 0	REC10 20	REC11 0	REC12 15	REC13 55	REC14 100	REC15 60	REC16 55
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0
65	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0
66	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.1	.0
67	*	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0

										S19B130P.DAT		
										60.0175.0.0000.000160.30480000	11	1
S19	B130PM											
REC	1	NB	ONRAMP	232187.	570066.	5.						
REC	2	NB	ONRAMP	232093.	570336.	5.						
REC	3	NB	ONRAMP	232079.	570451.	5.						
REC	4	NB	ONRAMP	232091.	570539.	5.						
REC	5	NB	ONRAMP	232137.	570706.	5.						
REC	6	NB	ONRAMP	232059.	570717.	5.						
REC	7	NB	ONRAMP	231919.	570536.	5.						
REC	8	NB	ONRAMP	231815.	570416.	5.						
REC	9	SB	ONRAMP	231337.	569685.	5.						
REC	10	SB	ONRAMP	231421.	569771.	5.						
REC	11	SB	ONRAMP	231276.	569630.	5.						
REC	12	SB	ONRAMP	231181.	569547.	5.						
REC	13	SB	ONRAMP	231190.	569702.	5.						
REC	14	SB	ONRAMP	231230.	569781.	5.						
REC	15	SB	ONRAMP	231111.	569618.	5.						
REC	16	SB	ONRAMP	231206.	569883.	5.						
S19	B130PM						83	1	1			
0	1	NB	Off R	AG232054.570494.232046.570398.			1825	2.7	0.32.	30		
0	1	NB	Off R	AG232046.570398.232157.570052.			1825	2.7	0.32.	30		
0	1	NB	Off R	AG232157.570052.232226.569824.			1825	2.7	0.32.	30		
0	1	NB	Off R	AG232226.569824.232223.569640.			1825	2.7	0.32.	30		
0	1	NB	Off R	AG232223.569640.232176.569437.			1825	2.7	0.32.	30		
0	1	NB	Off R	AG232176.569437.232172.569233.			1825	2.7	0.32.	30		
2		NB	Ramp	NLAG231958.570458.232046.570377.			575	2.7	0.32.	30		
60	1	NB	Ramp	NLAG231968.570448.232031.570394.			0.	12.	1			
				31 5.0 575 29.1 1770 1 1								
2		NB	Ramp	W AG231920.570487.232066.570677.			1175	2.7	0.56.	30		
60	1	NB	Ramp	W AG231935.570506.232032.570633.			0.	36.	3			
				27 5.0 1175 29.1 1513 1 1								
0	1	NB	Ramp	W AG232066.570677.232098.570777.			1175	2.7	0.56.	30		
0	1	NB	Ramp	W AG232098.570777.232120.570954.			1175	2.7	0.56.	30		
0	2	NB	Ramp	E AG231932.570460.231771.570285.			150	2.7	0.44.	30		
60	1	NB	Ramp	E AG231915.570441.231810.570327.			0.	24.	2			
				36 5.0 150 29.1 1770 1 1								
0	1	NB	Cir	OnRAG231857.569832.231939.569732.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG231939.569732.232013.569700.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232013.569700.232114.569718.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232114.569718.232169.569781.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232169.569781.232184.569846.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232184.569846.232159.569971.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232159.569971.232066.570231.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232066.570231.232025.570302.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG232025.570302.231955.570339.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG231955.570339.231882.570336.			625	2.7	0.32.	30		
0	1	NB	Cir	OnRAG231882.570336.231774.570278.			625	2.7	0.32.	30		
0	1	NB	Ramp	E AG232094.570698.232038.570598.			150	2.7	0.44.	30		
0	1	NB	Ramp	E AG232038.570598.231931.570461.			150	2.7	0.44.	30		
0	1	NB	Ramp	EdAG232149.570936.232103.570698.			150	2.7	0.44.	30		
0	1	NB	off Ram	AG232103.570698.232052.570493.			1825	2.7	0.32.	30		
0	1	WB	121	AG231483.569993.231917.570487.			1650	2.7	0.44.	35		
0	1	SB	Cir	OffAG231473.569992.231384.569950.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231384.569950.231281.569965.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231281.569965.231219.570031.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231219.570031.231176.570143.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231176.570143.231124.570254.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231124.570254.231117.570329.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231117.570329.231148.570404.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231148.570404.231233.570452.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231233.570452.231327.570443.			950	2.7	0.32.	35		
0	1	SB	Cir	OffAG231327.570443.231450.570318.			950	2.7	0.32.	35		
0	2	SB	Off Ram	AG231361.569833.231238.569940.			125	2.7	0.32.	35		
110	1	SB	Off Ram	AG231320.569869.231267.569915.			0.	12.	1			
				88 5.0 125 29.1 1770 1 1								

S19B130P.DAT

1		SB Off	RamAG231355.569842.231491.569992.	700 2.7 0. 32.	35
0	2	SB Off	RamAG231376.569866.231446.569943.	0. 12. 1	
	110	60	5.0 700 29.1 1863 1 1		
1		SB Off	RamAG231378.569839.231174.569617.	1150 2.7 0. 44.	40
0	2	SB Off	RamAG231357.569816.231273.569725.	0. 24. 2	
	110	20	5.0 1150 29.1 1008 1 1		
1		SB Off	RamAG231174.569617.231084.569540.	1150 2.7 0. 44.	40
0	1	SB Off	RamAG231084.569540.230994.569488.	1150 2.7 0. 44.	40
0	1	SB Off	RamAG230994.569488.230869.569442.	1150 2.7 0. 44.	40
0	1	EB 121	AG231770.570278.231382.569841.	675 2.7 0. 44.	40
0	1	SB Off	RamAG231373.569844.231259.569950.	600 2.7 0. 32.	40
0	1	SB Off	RamAG231259.569950.231232.570011.	600 2.7 0. 32.	40
0	1	SB Off	RamAG231208.569691.231257.569774.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231257.569774.231259.569856.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231259.569856.231097.570272.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231097.570272.231095.570348.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231095.570348.231177.570564.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231177.570564.231191.570654.	225 2.7 0. 32.	40
0	1	SB Off	RamAG231191.570654.231153.570825.	225 2.7 0. 32.	40
all	1	SB Off	RamAG230855.569457.231003.569508.	950 2.7 0. 32.	35
all	1	SB Off	RamAG231003.569508.231079.569555.	950 2.7 0. 32.	35
all	1	SB Off	RamAG231079.569555.231159.569632.	950 2.7 0. 32.	35
all	1	SB Off	RamAG231159.569632.231212.569688.	950 2.7 0. 32.	35
1		SB Off	RamAG231215.569691.231356.569842.	950 2.7 0. 32.	35
1		SB GP	AG231995.569147.231770.569671.	3550 3.9 0. 56.	60
0	1	SB GP	AG231770.569671.231578.570078.	3550 3.9 0. 56.	60
0	1	SB GP	AG231578.570078.231333.570539.	2225 3.8 0. 44.	58
0	1	SB GP	AG231333.570539.231102.570913.	2225 3.8 0. 44.	58
0	1	SB ETL	AG232047.569166.231824.569664.	425 3.8 0. 32.	58
0	1	SB ETL	AG231824.569664.231609.570122.	425 3.8 0. 32.	58
0	1	SB ETL	AG231608.570122.231440.570440.	425 3.8 0. 32.	58
0	1	SB ETL	AG231440.570440.231249.570764.	425 3.8 0. 32.	58
0	1	SB ETL	AG231249.570764.231141.570938.	425 3.8 0. 32.	58
0	1	NB ETL	AG231183.570963.231341.570701.	1550 4.0 0. 32.	62
0	1	NB ETL	AG231341.570701.231557.570323.	1550 4.0 0. 32.	62
0	1	NB ETL	AG231557.570323.231648.570143.	1550 4.0 0. 32.	62
0	1	NB ETL	AG231651.570141.231791.569846.	1550 4.0 0. 32.	62
0	1	NB ETL	AG231791.569846.231958.569475.	1550 4.0 0. 32.	62
0	1	NB ETL	AG231958.569475.232089.569186.	1550 4.0 0. 32.	62
0	1	NB GP	AG231226.570983.231490.570548.	4625 3.8 0. 44.	58
0	1	NB GP	AG231490.570548.231690.570177.	4625 3.8 0. 44.	58
0	1	NB GP	AG231692.570175.231850.569835.	5825 3.9 0. 56.	61
0	1	NB GP	AG231850.569835.232127.569208.	5825 3.9 0. 56.	61
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: S19 B130PM

RUN: S19 B130PM

DATE: 12/22/2006 TIME: 22:30:08.23

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1825.	2.7	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1825.	2.7	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1825.	2.7	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1825.	2.7	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1825.	2.7	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1825.	2.7	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	575.	2.7	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232094.1	570339.9	*	166.	131. AG	40. 100.0	.0	12.0	.89	8.4
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1175.	2.7	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	231977.4	570561.5	*	70.	37. AG	105. 100.0	.0	36.0	.60	3.5
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1175.	2.7	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1175.	2.7	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	150.	2.7	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231904.2	570429.2	*	16.	223. AG	94. 100.0	.0	24.0	.15	.8
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	625.	2.7	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	625.	2.7	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	625.	2.7	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	625.	2.7	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	625.	2.7	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	625.	2.7	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	625.	2.7	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	625.	2.7	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	625.	2.7	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	625.	2.7	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	625.	2.7	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	150.	2.7	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	150.	2.7	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	150.	2.7	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1825.	2.7	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1650.	2.7	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	950.	2.7	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	950.	2.7	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	950.	2.7	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	950.	2.7	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	950.	2.7	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	950.	2.7	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	950.	2.7	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	950.	2.7	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	950.	2.7	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	950.	2.7	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	125.	2.7	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231258.2	569922.6	*	82.	311. AG	62. 100.0	.0	12.0	.52	4.2
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	700.	2.7	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231640.7	570157.1	*	393.	42. AG	43. 100.0	.0	12.0	.96	20.0

JOB: S19 B130PM

RUN: S19 B130PM

DATE: 12/22/2006 TIME: 22:30:08.23

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1150.	2.7	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231307.9	569762.9	*	72.	223. AG	28. 100.0	.0	24.0	.76	3.7
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	1150.	2.7	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	1150.	2.7	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	1150.	2.7	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	675.	2.7	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	600.	2.7	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	600.	2.7	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	225.	2.7	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	225.	2.7	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	225.	2.7	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	225.	2.7	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	225.	2.7	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	225.	2.7	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	225.	2.7	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	950.	2.7	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	950.	2.7	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	950.	2.7	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	950.	2.7	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	950.	2.7	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	3550.	3.9	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	3550.	3.9	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	2225.	3.8	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	2225.	3.8	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	425.	3.8	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	425.	3.8	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	425.	3.8	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	425.	3.8	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	425.	3.8	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	1550.	4.0	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	1550.	4.0	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	1550.	4.0	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	1550.	4.0	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	1550.	4.0	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	1550.	4.0	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	4625.	3.8	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B130P.OUT 570177.0 * 421. 152. AG 4625. 3.8 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 5825. 3.9 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 5825. 3.9 .0 56.0

1

PAGE 3

JOB: S19 B130PM RUN: S19 B130PM
 DATE: 12/22/2006 TIME: 22:30:08.23

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	60	31	5.0	575	1770	29.10	1	1
10. NB Ramp W*	60	27	5.0	1175	1513	29.10	1	1
14. NB Ramp E*	60	36	5.0	150	1770	29.10	1	1
42. SB Off Ram*	110	88	5.0	125	1770	29.10	1	1
44. 0 SB Off Ram*	110	60	5.0	700	1863	29.10	1	1
46. SB Off Ram*	110	20	5.0	1150	1008	29.10	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. REC 1 NB ONRAMP	*	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	*	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	*	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	*	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	*	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	*	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	*	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	*	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	*	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	*	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	*	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	*	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	*	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	*	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	*	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	*	231206.0	569883.0	5.0	*

1

JOB: S19 B130PM RUN: S19 B130PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	* .0	.1	.1	.2	.0	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0
5.	* .0	.1	.1	.1	.0	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
10.	* .0	.1	.1	.1	.0	.2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
15.	* .0	.1	.1	.1	.0	.2	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.1
20.	* .0	.1	.0	.0	.0	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0
25.	* .0	.1	.0	.0	.0	.2	.0	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0
30.	* .0	.1	.0	.0	.0	.2	.1	.0	.1	.3	.0	.1	.1	.1	.0	.1	.1
35.	* .0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.1	.1	.1	.0	.1	.1
40.	* .0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.1	.0	.1	.1
45.	* .0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1
50.	* .0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1
55.	* .0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.4	.2	.2	.0	.0
60.	* .0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.2	.2	.4	.2	.3	.1	.1
65.	* .0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.2	.1	.4	.2	.4	.2	.2
70.	* .0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.1	.1	.4	.2	.4	.3	.3
75.	* .0	.0	.0	.0	.0	.1	.5	.2	.2	.2	.2	.1	.4	.2	.2	.3	.3
80.	* .0	.0	.0	.0	.0	.1	.4	.2	.2	.3	.1	.1	.4	.4	.3	.3	.3
85.	* .0	.0	.0	.0	.0	.1	.4	.2	.2	.2	.1	.1	.4	.4	.2	.3	.3
90.	* .0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.1	.2	.3	.4	.3	.3	.3
95.	* .0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.2	.2	.3	.4	.3	.3	.3
100.	* .0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.2	.3	.3	.4	.2	.2
105.	* .0	.0	.0	.0	.0	.1	.4	.1	.2	.3	.2	.2	.4	.3	.4	.2	.2
110.	* .0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.0	.3	.4	.3	.1	.1
115.	* .0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.2	.0	.3	.4	.2	.1	.1
120.	* .0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.1	.0	.2	.4	.2	.2	.2
125.	* .0	.0	.0	.0	.0	.2	.4	.1	.1	.2	.0	.0	.1	.3	.2	.2	.2
130.	* .0	.0	.0	.0	.0	.2	.4	.1	.0	.2	.0	.0	.2	.2	.2	.1	.1
135.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
140.	* .0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
145.	* .0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
150.	* .0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
155.	* .0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
160.	* .1	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
165.	* .1	.1	.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
170.	* .1	.2	.1	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.1	.2	.0	.0
175.	* .1	.3	.2	.2	.0	.3	.3	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
180.	* .3	.3	.2	.2	.1	.4	.4	.5	.0	.0	.0	.0	.2	.1	.2	.0	.0
185.	* .3	.3	.2	.2	.1	.4	.4	.6	.0	.0	.0	.0	.2	.1	.2	.0	.0
190.	* .3	.3	.2	.3	.2	.3	.4	.5	.0	.0	.0	.0	.2	.1	.2	.0	.0
195.	* .3	.3	.2	.2	.2	.3	.4	.5	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	* .3	.3	.4	.3	.2	.3	.4	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
205.	* .3	.4	.3	.3	.2	.3	.4	.5	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B130PM RUN: S19 B130PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16
210.	.3	.3	.3	.3	.3	.3	.3	.5	.0	.0	.0	.0	.1	.0	.1	.0
215.	.3	.4	.3	.3	.3	.2	.4	.4	.0	.0	.0	.0	.0	.0	.1	.0
220.	.2	.4	.3	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
225.	.2	.3	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
230.	.2	.3	.2	.2	.3	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
235.	.3	.2	.2	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
240.	.4	.2	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
245.	.4	.2	.3	.4	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
250.	.3	.2	.3	.2	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0
255.	.3	.2	.3	.3	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0
260.	.3	.2	.3	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	.2	.2	.2	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	.2	.3	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
280.	.2	.3	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
285.	.3	.4	.2	.3	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
290.	.2	.3	.2	.2	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0
295.	.2	.5	.3	.2	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0
300.	.2	.5	.3	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
305.	.3	.6	.2	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0
310.	.2	.5	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0
315.	.2	.4	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0
320.	.2	.4	.1	.2	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.0
325.	.2	.5	.2	.2	.1	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0
330.	.2	.5	.2	.2	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0
335.	.1	.4	.2	.2	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0
340.	.1	.3	.2	.2	.1	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0
345.	.1	.3	.2	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
350.	.0	.2	.1	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
355.	.0	.2	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
360.	.0	.1	.1	.2	.0	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
MAX	.4	.6	.4	.4	.3	.4	.5	.6	.2	.3	.2	.2	.4	.4	.4	.3
DEGR.	240	305	200	245	210	180	75	185	35	30	20	50	55	80	65	70

THE HIGHEST CONCENTRATION IS .60 PPM AT 305 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 185 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 75 DEGREES FROM REC7 .

1

JOB: S19 B130PM
 DATE: 12/22/2006 TIME: 22:30:08.23

RUN: S19 B130PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16
1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.1	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0

1

JOB: S19 B130PM

RUN: S19 B130PM

PAGE 7

* CO/LINK (PPM)

S19B130P.OUT																	
LINK #	*	ANGLE (DEGREES)															
		REC1 240	REC2 305	REC3 200	REC4 245	REC5 210	REC6 180	REC7 75	REC8 185	REC9 35	REC10 30	REC11 20	REC12 50	REC13 55	REC14 80	REC15 65	REC16 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
82	*	.1	.0	.1	.0	.1	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.1
83	*	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0

										S19B230A.DAT	
S19 B230AM										60.0175.0.0000.000160.30480000	11 1
REC 1	NB	ONRAMP	232187.	570066.	5.						
REC 2	NB	ONRAMP	232093.	570336.	5.						
REC 3	NB	ONRAMP	232079.	570451.	5.						
REC 4	NB	ONRAMP	232091.	570539.	5.						
REC 5	NB	ONRAMP	232137.	570706.	5.						
REC 6	NB	ONRAMP	232059.	570717.	5.						
REC 7	NB	ONRAMP	231919.	570536.	5.						
REC 8	NB	ONRAMP	231815.	570416.	5.						
REC 9	SB	ONRAMP	231337.	569685.	5.						
REC 10	SB	ONRAMP	231421.	569771.	5.						
REC 11	SB	ONRAMP	231276.	569630.	5.						
REC 12	SB	ONRAMP	231181.	569547.	5.						
REC 13	SB	ONRAMP	231190.	569702.	5.						
REC 14	SB	ONRAMP	231230.	569781.	5.						
REC 15	SB	ONRAMP	231111.	569618.	5.						
REC 16	SB	ONRAMP	231206.	569883.	5.						
S19 B230AM						83	1	1			
0	1	NB Off R	AG232054.570494.232046.570398.			1150	2.7	0.	32.	30	
0	1	NB Off R	AG232046.570398.232157.570052.			1150	2.7	0.	32.	30	
0	1	NB Off R	AG232157.570052.232226.569824.			1150	2.7	0.	32.	30	
0	1	NB Off R	AG232226.569824.232223.569640.			1150	2.7	0.	32.	30	
0	1	NB Off R	AG232223.569640.232176.569437.			1150	2.7	0.	32.	30	
0	1	NB Off R	AG232176.569437.232172.569233.			1150	2.7	0.	32.	30	
2		NB Ramp	NLAG231958.570458.232046.570377.			550	2.7	0.	32.	30	
70	1	NB Ramp	NLAG231968.570448.232031.570394.			0.	12.	1			
			40 5.0 550 29.1 1770 1 1								
2		NB Ramp W	AG231920.570487.232066.570677.			1725	2.7	0.	56.	30	
70	1	NB Ramp W	AG231935.570506.232032.570633.			0.	36.	3			
			28 5.0 1725 29.1 1512 1 1								
0	1	NB Ramp W	AG232066.570677.232098.570777.			1725	2.7	0.	56.	30	
0	1	NB Ramp W	AG232098.570777.232120.570954.			1725	2.7	0.	56.	30	
0	2	NB Ramp E	AG231932.570460.231771.570285.			200	2.7	0.	44.	30	
70	1	NB Ramp E	AG231915.570441.231810.570327.			0.	24.	2			
			39 5.0 200 29.1 1770 1 1								
0	1	NB Cir	OnRAG231857.569832.231939.569732.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG231939.569732.232013.569700.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232013.569700.232114.569718.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232114.569718.232169.569781.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232169.569781.232184.569846.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232184.569846.232159.569971.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232159.569971.232066.570231.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232066.570231.232025.570302.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG232025.570302.231955.570339.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG231955.570339.231882.570336.			700	2.7	0.	32.	30	
0	1	NB Cir	OnRAG231882.570336.231774.570278.			700	2.7	0.	32.	30	
0	1	NB Ramp E	AG232094.570698.232038.570598.			200	2.7	0.	44.	30	
0	1	NB Ramp E	AG232038.570598.231931.570461.			200	2.7	0.	44.	30	
0	1	NB Ramp Ed	AG232149.570936.232103.570698.			200	2.7	0.	44.	30	
0	1	NB off Ram	AG232103.570698.232052.570493.			1150	2.7	0.	32.	30	
0	1	WB 121	AG231483.569993.231917.570487.			1725	2.7	0.	44.	35	
0	1	SB Cir Off	AG231473.569992.231384.569950.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231384.569950.231281.569965.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231281.569965.231219.570031.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231219.570031.231176.570143.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231176.570143.231124.570254.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231124.570254.231117.570329.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231117.570329.231148.570404.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231148.570404.231233.570452.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231233.570452.231327.570443.			1250	2.7	0.	32.	35	
0	1	SB Cir Off	AG231327.570443.231450.570318.			1250	2.7	0.	32.	35	
0	2	SB Off Ram	AG231361.569833.231238.569940.			100	2.7	0.	32.	35	
150		SB Off Ram	AG231320.569869.231267.569915.			0.	12.	1			
			128 5.0 100 29.1 1770 1 1								

S19B230A.DAT

1		SB Off	RamAG231355.569842.231491.569992.	825	2.7	0.	32.	35
0	2	150	SB Off RamAG231376.569866.231446.569943. 76 5.0 825 29.1 1863 1 1	0.	12.	1		
1		SB Off	RamAG231378.569839.231174.569617.	1250	2.7	0.	44.	40
0	2	150	SB Off RamAG231357.569816.231273.569725. 20 5.0 1250 29.1 983 1 1	0.	24.	2		
1		SB Off	RamAG231174.569617.231084.569540.	1250	2.7	0.	44.	40
0	1	SB Off	RamAG231084.569540.230994.569488.	1250	2.7	0.	44.	40
0	1	SB Off	RamAG230994.569488.230869.569442.	1250	2.7	0.	44.	40
0	1	EB 121	AG231770.570278.231382.569841.	1250	2.7	0.	44.	40
0	1	SB Off	RamAG231373.569844.231259.569950.	650	2.7	0.	32.	40
0	1	SB Off	RamAG231259.569950.231232.570011.	650	2.7	0.	32.	40
0	1	SB Off	RamAG231208.569691.231257.569774.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231257.569774.231259.569856.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231259.569856.231097.570272.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231097.570272.231095.570348.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231095.570348.231177.570564.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231177.570564.231191.570654.	550	2.7	0.	32.	40
0	1	SB Off	RamAG231191.570654.231153.570825.	550	2.7	0.	32.	40
all	1	SB Off	RamAG230855.569457.231003.569508.	1275	2.7	0.	32.	35
all	1	SB Off	RamAG231003.569508.231079.569555.	1275	2.7	0.	32.	35
all	1	SB Off	RamAG231079.569555.231159.569632.	1275	2.7	0.	32.	35
all	1	SB Off	RamAG231159.569632.231212.569688.	1275	2.7	0.	32.	35
1		SB Off	RamAG231215.569691.231356.569842.	1275	2.7	0.	32.	35
1		SB GP	AG231995.569147.231770.569671.	5550	3.5	0.	56.	53
0	1	SB GP	AG231770.569671.231578.570078.	5550	3.5	0.	56.	53
0	1	SB GP	AG231578.570078.231333.570539.	2975	3.8	0.	44.	58
0	1	SB GP	AG231333.570539.231102.570913.	2975	3.8	0.	44.	58
0	1	SB ETL	AG232047.569166.231824.569664.	2125	3.6	0.	32.	55
0	1	SB ETL	AG231824.569664.231609.570122.	2125	3.6	0.	32.	55
0	1	SB ETL	AG231608.570122.231440.570440.	3350	3.6	0.	32.	55
0	1	SB ETL	AG231440.570440.231249.570764.	3350	3.6	0.	32.	55
0	1	SB ETL	AG231249.570764.231141.570938.	3350	3.6	0.	32.	55
0	1	NB ETL	AG231183.570963.231341.570701.	1275	3.6	0.	32.	55
0	1	NB ETL	AG231341.570701.231557.570323.	1275	3.6	0.	32.	55
0	1	NB ETL	AG231557.570323.231648.570143.	1275	3.6	0.	32.	55
0	1	NB ETL	AG231651.570141.231791.569846.	975	3.6	0.	32.	55
0	1	NB ETL	AG231791.569846.231958.569475.	975	3.6	0.	32.	55
0	1	NB ETL	AG231958.569475.232089.569186.	975	3.6	0.	32.	55
1		NB GP	AG231226.570983.231490.570548.	1650	3.8	0.	44.	58
1		NB GP	AG231490.570548.231690.570177.	1650	3.8	0.	44.	58
1		NB GP	AG231692.570175.231850.569835.	2400	3.9	0.	56.	60
0	1	NB GP	AG231850.569835.232127.569208.	2400	3.9	0.	56.	60
1.0	0.4	1000.	0.0Y 5 0 72					

JOB: S19 B230AM
DATE: 12/27/2006 TIME: 11:14:23.83

RUN: S19 B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1150.	2.7	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1150.	2.7	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1150.	2.7	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1150.	2.7	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1150.	2.7	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1150.	2.7	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	550.	2.7	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232149.6	570292.4	*	239.	131. AG	45. 100.0	.0	12.0	.95	12.1
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1725.	2.7	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	232002.6	570594.5	*	111.	37. AG	94. 100.0	.0	36.0	.76	5.7
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1725.	2.7	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1725.	2.7	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	200.	2.7	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231899.8	570424.6	*	22.	223. AG	87. 100.0	.0	24.0	.17	1.1
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	700.	2.7	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	700.	2.7	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	700.	2.7	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	700.	2.7	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	700.	2.7	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	700.	2.7	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	700.	2.7	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	700.	2.7	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	700.	2.7	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	700.	2.7	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	700.	2.7	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	200.	2.7	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	200.	2.7	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	200.	2.7	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1150.	2.7	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1725.	2.7	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	1250.	2.7	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	1250.	2.7	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	1250.	2.7	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	1250.	2.7	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	1250.	2.7	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	1250.	2.7	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	1250.	2.7	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	1250.	2.7	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	1250.	2.7	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	1250.	2.7	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	100.	2.7	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231245.6	569933.6	*	99.	311. AG	67. 100.0	.0	12.0	.56	5.0
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	825.	2.7	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231771.6	570301.1	*	588.	42. AG	40. 100.0	.0	12.0	.99	29.9

JOB: S19 B230AM
DATE: 12/27/2006 TIME: 11:14:23.83

RUN: S19 B230AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1250.	2.7	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231304.8	569759.5	*	77.	223. AG	21. 100.0	.0	24.0	.78	3.9
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	1250.	2.7	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	1250.	2.7	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	1250.	2.7	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	1250.	2.7	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	650.	2.7	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	650.	2.7	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	550.	2.7	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	550.	2.7	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	550.	2.7	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	550.	2.7	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	550.	2.7	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	550.	2.7	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	550.	2.7	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	1275.	2.7	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	1275.	2.7	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	1275.	2.7	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	1275.	2.7	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	1275.	2.7	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	5550.	3.5	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	5550.	3.5	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	2975.	3.8	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	2975.	3.8	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	2125.	3.6	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	2125.	3.6	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	3350.	3.6	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	3350.	3.6	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	3350.	3.6	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	1275.	3.6	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	1275.	3.6	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	1275.	3.6	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	975.	3.6	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	975.	3.6	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	975.	3.6	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	1650.	3.8	.0	44.0	

81. NB GP * 231490.0 570548.0 231690.0 S19B230A.OUT 570177.0 * 421. 152. AG 1650. 3.8 .0 44.0
 82. NB GP * 231692.0 570175.0 231850.0 569835.0 * 375. 155. AG 2400. 3.9 .0 56.0
 83. 0 NB GP * 231850.0 569835.0 232127.0 569208.0 * 685. 156. AG 2400. 3.9 .0 56.0

1

PAGE 3

JOB: S19 B230AM RUN: S19 B230AM
 DATE: 12/27/2006 TIME: 11:14:23.83

ADDITIONAL QUEUE LINK PARAMETERS

LINK	DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8.	NB Ramp NL*	70	40	5.0	550	1770	29.10	1	1
10.	NB Ramp W*	70	28	5.0	1725	1512	29.10	1	1
14.	NB Ramp E*	70	39	5.0	200	1770	29.10	1	1
42.	SB Off Ram*	150	128	5.0	100	1770	29.10	1	1
44. 0	SB Off Ram*	150	76	5.0	825	1863	29.10	1	1
46.	SB Off Ram*	150	20	5.0	1250	983	29.10	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. REC 1 NB ONRAMP	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	231206.0	569883.0	5.0	*

1

PAGE 4

JOB: S19 B230AM RUN: S19 B230AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	.0	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0
5.	.0	.2	.1	.1	.1	.2	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0
10.	.0	.2	.1	.1	.0	.2	.0	.0	.1	.3	.1	.1	.0	.0	.0	.0	.0
15.	.0	.2	.0	.0	.0	.2	.0	.0	.1	.3	.1	.1	.0	.0	.0	.0	.0
20.	.0	.2	.0	.0	.0	.3	.0	.0	.1	.3	.1	.1	.0	.1	.0	.1	.0
25.	.0	.2	.0	.0	.0	.3	.1	.0	.1	.3	.0	.1	.0	.1	.0	.1	.0
30.	.0	.2	.0	.0	.0	.3	.1	.0	.2	.3	.0	.1	.0	.1	.0	.1	.0
35.	.0	.2	.0	.0	.0	.3	.2	.0	.1	.1	.1	.1	.0	.1	.0	.1	.0
40.	.0	.2	.0	.0	.0	.3	.2	.3	.1	.1	.1	.1	.1	.1	.0	.0	.1
45.	.0	.2	.0	.0	.0	.2	.3	.3	.1	.1	.1	.1	.1	.2	.0	.1	.2
50.	.0	.2	.0	.0	.0	.2	.4	.3	.1	.1	.1	.1	.1	.4	.1	.3	.2
55.	.0	.2	.0	.0	.0	.2	.4	.3	.1	.1	.1	.1	.1	.4	.2	.3	.1
60.	.0	.2	.0	.0	.0	.2	.5	.4	.1	.1	.1	.1	.1	.4	.2	.4	.1
65.	.0	.2	.0	.0	.0	.2	.5	.2	.1	.1	.1	.1	.1	.4	.1	.4	.2
70.	.0	.2	.0	.0	.0	.2	.5	.2	.1	.1	.1	.1	.1	.4	.2	.4	.2
75.	.0	.2	.0	.0	.0	.2	.5	.2	.1	.1	.1	.1	.1	.4	.3	.3	.2
80.	.0	.2	.0	.0	.0	.2	.5	.2	.1	.1	.1	.1	.0	.4	.3	.3	.2
85.	.0	.2	.0	.0	.0	.2	.5	.2	.1	.1	.1	.1	.1	.3	.3	.2	.2
90.	.0	.2	.0	.0	.0	.1	.5	.2	.1	.1	.1	.1	.1	.3	.3	.3	.2
95.	.0	.3	.0	.0	.0	.1	.5	.2	.1	.1	.1	.1	.1	.3	.3	.3	.2
100.	.0	.3	.0	.0	.0	.1	.4	.1	.1	.2	.1	.1	.1	.3	.3	.3	.1
105.	.0	.3	.0	.0	.0	.1	.4	.1	.1	.1	.3	.1	.1	.3	.3	.3	.1
110.	.0	.3	.0	.0	.0	.1	.4	.1	.1	.1	.3	.1	.1	.3	.3	.3	.2
115.	.0	.3	.0	.0	.0	.1	.4	.1	.1	.2	.1	.1	.1	.3	.3	.3	.1
120.	.0	.3	.0	.0	.0	.1	.3	.1	.1	.1	.1	.1	.0	.2	.3	.2	.1
125.	.0	.3	.0	.0	.0	.1	.3	.1	.1	.1	.1	.1	.0	.3	.3	.2	.1
130.	.0	.3	.0	.0	.0	.2	.4	.1	.1	.1	.1	.0	.0	.2	.3	.2	.1
135.	.0	.3	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.0	.2	.2	.2	.1
140.	.0	.2	.0	.0	.0	.2	.4	.1	.0	.1	.0	.0	.0	.2	.2	.2	.0
145.	.0	.2	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.2	.2	.2	.0
150.	.0	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.2	.0
155.	.0	.1	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.2	.0
160.	.0	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.2	.0
165.	.1	.2	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.2	.0
170.	.1	.2	.1	.0	.0	.3	.2	.4	.0	.0	.0	.0	.0	.2	.2	.2	.0
175.	.1	.1	.2	.0	.0	.3	.2	.3	.0	.0	.0	.0	.0	.2	.2	.2	.0
180.	.1	.1	.2	.0	.0	.3	.3	.5	.0	.0	.0	.0	.0	.2	.2	.2	.0
185.	.1	.2	.3	.0	.0	.2	.3	.5	.0	.0	.0	.0	.0	.2	.1	.2	.0
190.	.1	.2	.3	.1	.0	.2	.3	.4	.0	.0	.0	.0	.0	.2	.1	.2	.0
195.	.3	.2	.2	.0	.1	.3	.3	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	.3	.2	.1	.1	.1	.5	.3	.4	.0	.0	.0	.0	.1	.0	.2	.0	.0
205.	.3	.1	.2	.2	.1	.5	.4	.5	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

PAGE 5

JOB: S19 B230AM RUN: S19 B230AM

WIND * CONCENTRATION																	
ANGLE (DEGR)	*	(PPM)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.3	.2	.2	.2	.2	.3	.4	.5	.0	.0	.0	.0	.2	.0	.1	.0
215.	*	.3	.2	.2	.2	.2	.4	.4	.5	.0	.0	.0	.0	.2	.0	.1	.0
220.	*	.2	.2	.2	.2	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0
225.	*	.2	.2	.2	.1	.3	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.2	.2	.2	.2	.3	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.2	.2	.1	.2	.3	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.1	.2	.2	.2	.2	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.1	.1	.2	.2	.3	.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0
250.	*	.1	.1	.2	.1	.3	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.2	.2	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.3	.1	.2	.3	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.3	.1	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.1	.2	.1	.3	.1	.0	.0	.2	.1	.1	.0	.1	.0	.0	.0	.0
275.	*	.1	.2	.1	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
280.	*	.1	.2	.1	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
285.	*	.1	.2	.1	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
290.	*	.1	.3	.1	.3	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
295.	*	.1	.3	.2	.3	.1	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0
300.	*	.1	.4	.2	.3	.1	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0
305.	*	.1	.4	.3	.3	.1	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0
310.	*	.1	.4	.3	.2	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
315.	*	.1	.5	.3	.2	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
320.	*	.1	.5	.3	.2	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0
325.	*	.1	.5	.3	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
330.	*	.1	.4	.3	.2	.2	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
335.	*	.1	.3	.3	.2	.2	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
340.	*	.1	.3	.1	.2	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
345.	*	.0	.3	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0
350.	*	.0	.2	.1	.1	.1	.1	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
355.	*	.0	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0
360.	*	.0	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0
MAX	*	.3	.5	.3	.3	.3	.5	.5	.5	.2	.3	.2	.2	.4	.3	.4	.2
DEGR.	*	195	315	185	260	220	200	60	180	30	10	0	300	50	75	60	45

THE HIGHEST CONCENTRATION IS .50 PPM AT 315 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 60 DEGREES FROM REC7 .

1

JOB: S19 B230AM
 DATE: 12/27/2006 TIME: 11:14:23.83

RUN: S19 B230AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)															
		ANGLE (DEGREES)															
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
		195	315	185	260	220	200	60	180	30	10	0	300	50	75	60	45
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0

1

JOB: S19 B230AM

RUN: S19 B230AM

PAGE 7

* CO/LINK (PPM)

S19B230A.OUT

LINK #	*	ANGLE (DEGREES)															
		REC1 195	REC2 315	REC3 185	REC4 260	REC5 220	REC6 200	REC7 60	REC8 180	REC9 30	REC10 10	REC11 0	REC12 300	REC13 50	REC14 75	REC15 60	REC16 45
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0
65	*	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S19B230P.DAT		
S19 B230PM										60.0175.0.0000.000160.30480000	11	1
REC 1	NB	ONRAMP	232187.	570066.	5.							
REC 2	NB	ONRAMP	232093.	570336.	5.							
REC 3	NB	ONRAMP	232079.	570451.	5.							
REC 4	NB	ONRAMP	232091.	570539.	5.							
REC 5	NB	ONRAMP	232137.	570706.	5.							
REC 6	NB	ONRAMP	232059.	570717.	5.							
REC 7	NB	ONRAMP	231919.	570536.	5.							
REC 8	NB	ONRAMP	231815.	570416.	5.							
REC 9	SB	ONRAMP	231337.	569685.	5.							
REC 10	SB	ONRAMP	231421.	569771.	5.							
REC 11	SB	ONRAMP	231276.	569630.	5.							
REC 12	SB	ONRAMP	231181.	569547.	5.							
REC 13	SB	ONRAMP	231190.	569702.	5.							
REC 14	SB	ONRAMP	231230.	569781.	5.							
REC 15	SB	ONRAMP	231111.	569618.	5.							
REC 16	SB	ONRAMP	231206.	569883.	5.							
S19 B230PM										83	1	1
0	1	NB Off R	AG232054.570494.232046.570398.	1750	2.7	0.	32.	30				
0	1	NB Off R	AG232046.570398.232157.570052.	1750	2.7	0.	32.	30				
0	1	NB Off R	AG232157.570052.232226.569824.	1750	2.7	0.	32.	30				
0	1	NB Off R	AG232226.569824.232223.569640.	1750	2.7	0.	32.	30				
0	1	NB Off R	AG232223.569640.232176.569437.	1750	2.7	0.	32.	30				
0	1	NB Off R	AG232176.569437.232172.569233.	1750	2.7	0.	32.	30				
2		NB Ramp	NLAG231958.570458.232046.570377.	525	2.7	0.	32.	30				
55	1	NB Ramp	NLAG231968.570448.232031.570394.	0.	12.	1						
			30 5.0 525 29.1 1770 1 1									
2		NB Ramp W	AG231920.570487.232066.570677.	1150	2.7	0.	56.	30				
55	1	NB Ramp W	AG231935.570506.232032.570633.	0.	36.	3						
			23 5.0 1150 29.1 1486 1 1									
0	1	NB Ramp W	AG232066.570677.232098.570777.	1150	2.7	0.	56.	30				
0	1	NB Ramp W	AG232098.570777.232120.570954.	1150	2.7	0.	56.	30				
0	2	NB Ramp E	AG231932.570460.231771.570285.	225	2.7	0.	44.	30				
55	1	NB Ramp E	AG231915.570441.231810.570327.	0.	24.	2						
			31 5.0 225 29.1 1770 1 1									
0	1	NB Cir OnRAG	231857.569832.231939.569732.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	231939.569732.232013.569700.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232013.569700.232114.569718.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232114.569718.232169.569781.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232169.569781.232184.569846.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232184.569846.232159.569971.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232159.569971.232066.570231.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232066.570231.232025.570302.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	232025.570302.231955.570339.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	231955.570339.231882.570336.	700	2.7	0.	32.	30				
0	1	NB Cir OnRAG	231882.570336.231774.570278.	700	2.7	0.	32.	30				
0	1	NB Ramp E	AG232094.570698.232038.570598.	225	2.7	0.	44.	30				
0	1	NB Ramp E	AG232038.570598.231931.570461.	225	2.7	0.	44.	30				
0	1	NB Ramp Ed	AG232149.570936.232103.570698.	225	2.7	0.	44.	30				
0	1	NB off Ram	AG232103.570698.232052.570493.	1750	2.7	0.	32.	30				
0	1	WB 121	AG231483.569993.231917.570487.	1150	2.7	0.	44.	35				
0	1	SB Cir Off	AG231473.569992.231384.569950.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231384.569950.231281.569965.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231281.569965.231219.570031.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231219.570031.231176.570143.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231176.570143.231124.570254.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231124.570254.231117.570329.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231117.570329.231148.570404.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231148.570404.231233.570452.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231233.570452.231327.570443.	925	2.7	0.	32.	35				
0	1	SB Cir Off	AG231327.570443.231450.570318.	925	2.7	0.	32.	35				
0	2	SB Off Ram	AG231361.569833.231238.569940.	150	2.7	0.	32.	35				
90	68	SB Off Ram	AG231320.569869.231267.569915.	0.	12.	1						
			5.0 150 29.1 1770 1 1									

S19B230P.DAT

1	SB Off	RamAG231355.569842.231491.569992.	650 2.7 0. 32.	35
0 2	SB Off	RamAG231376.569866.231446.569943.	0. 12. 1	
90	50	5.0 650 29.1 1863 1 1		
1	SB Off	RamAG231378.569839.231174.569617.	1225 2.7 0. 44.	40
2	SB Off	RamAG231357.569816.231273.569725.	0. 24. 2	
90	20	5.0 1225 29.1 1027 1 1		
1	SB Off	RamAG231174.569617.231084.569540.	925 2.7 0. 44.	40
0 1	SB Off	RamAG231084.569540.230994.569488.	925 2.7 0. 44.	40
0 1	SB Off	RamAG230994.569488.230869.569442.	925 2.7 0. 44.	40
0 1	EB 121	AG231770.570278.231382.569841.	1225 2.7 0. 44.	40
0 1	SB Off	RamAG231373.569844.231259.569950.	550 2.7 0. 32.	40
0 1	SB Off	RamAG231259.569950.231232.570011.	550 2.7 0. 32.	40
1	SB Off	RamAG231208.569691.231257.569774.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231257.569774.231259.569856.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231259.569856.231097.570272.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231097.570272.231095.570348.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231095.570348.231177.570564.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231177.570564.231191.570654.	275 2.7 0. 32.	40
0 1	SB Off	RamAG231191.570654.231153.570825.	275 2.7 0. 32.	40
all 1	SB Off	RamAG230855.569457.231003.569508.	1225 2.7 0. 32.	35
all 1	SB Off	RamAG231003.569508.231079.569555.	1225 2.7 0. 32.	35
all 1	SB Off	RamAG231079.569555.231159.569632.	1225 2.7 0. 32.	35
all 1	SB Off	RamAG231159.569632.231212.569688.	1225 2.7 0. 32.	35
1	SB Off	RamAG231215.569691.231356.569842.	1225 2.7 0. 32.	35
1	SB GP	AG231995.569147.231770.569671.	3175 3.9 0. 56.	60
0 1	SB GP	AG231770.569671.231578.570078.	3175 3.9 0. 56.	60
0 1	SB GP	AG231578.570078.231333.570539.	1675 3.8 0. 44.	58
0 1	SB GP	AG231333.570539.231102.570913.	1675 3.8 0. 44.	58
0 1	SB ETL	AG232047.569166.231824.569664.	775 3.6 0. 32.	55
0 1	SB ETL	AG231824.569664.231609.570122.	775 3.6 0. 32.	55
1	SB ETL	AG231608.570122.231440.570440.	1075 3.6 0. 32.	55
0 1	SB ETL	AG231440.570440.231249.570764.	1075 3.6 0. 32.	55
0 1	SB ETL	AG231249.570764.231141.570938.	1075 3.6 0. 32.	55
1	NB ETL	AG231183.570963.231341.570701.	3525 3.6 0. 32.	55
0 1	NB ETL	AG231341.570701.231557.570323.	3525 3.6 0. 32.	55
0 1	NB ETL	AG231557.570323.231648.570143.	3525 3.6 0. 32.	55
1	NB ETL	AG231651.570141.231791.569846.	2300 3.6 0. 32.	55
0 1	NB ETL	AG231791.569846.231958.569475.	2300 3.6 0. 32.	55
0 1	NB ETL	AG231958.569475.232089.569186.	2300 3.6 0. 32.	55
1	NB GP	AG231226.570983.231490.570548.	3125 3.7 0. 44.	57
1	NB GP	AG231490.570548.231690.570177.	3125 3.7 0. 44.	57
1	NB GP	AG231692.570175.231850.569835.	5400 3.6 0. 56.	54
0 1	NB GP	AG231850.569835.232127.569208.	5400 3.6 0. 56.	54
1.0 0.4 1000. 0.0Y 5 0 72				

JOB: S19 B230PM
DATE: 12/27/2006 TIME: 11:17:16.84

RUN: S19 B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	NB Off R	* 232054.0	570494.0	232046.0	570398.0	*	96.	185. AG	1750.	2.7	.0	32.0	
2. 0	NB Off R	* 232046.0	570398.0	232157.0	570052.0	*	363.	162. AG	1750.	2.7	.0	32.0	
3. 0	NB Off R	* 232157.0	570052.0	232226.0	569824.0	*	238.	163. AG	1750.	2.7	.0	32.0	
4. 0	NB Off R	* 232226.0	569824.0	232223.0	569640.0	*	184.	181. AG	1750.	2.7	.0	32.0	
5. 0	NB Off R	* 232223.0	569640.0	232176.0	569437.0	*	208.	193. AG	1750.	2.7	.0	32.0	
6. 0	NB Off R	* 232176.0	569437.0	232172.0	569233.0	*	204.	181. AG	1750.	2.7	.0	32.0	
7. 0	NB Ramp NL*	231958.0	570458.0	232046.0	570377.0	*	120.	133. AG	525.	2.7	.0	32.0	
8. 0	NB Ramp NL*	231968.0	570448.0	232093.7	570340.3	*	166.	131. AG	43. 100.0	.0	12.0	.91	8.4
9. 0	NB Ramp W*	231920.0	570487.0	232066.0	570677.0	*	240.	38. AG	1150.	2.7	.0	56.0	
10. 0	NB Ramp W*	231935.0	570506.0	231968.9	570550.4	*	56.	37. AG	98. 100.0	.0	36.0	.57	2.8
11. 0	NB Ramp W*	232066.0	570677.0	232098.0	570777.0	*	105.	18. AG	1150.	2.7	.0	56.0	
12. 0	NB Ramp W*	232098.0	570777.0	232120.0	570954.0	*	178.	7. AG	1150.	2.7	.0	56.0	
13. 0	NB Ramp E*	231932.0	570460.0	231771.0	570285.0	*	238.	223. AG	225.	2.7	.0	44.0	
14. 0	NB Ramp E*	231915.0	570441.0	231901.3	570426.1	*	20.	223. AG	88. 100.0	.0	24.0	.20	1.0
15. 0	NB Cir OnR*	231857.0	569832.0	231939.0	569732.0	*	129.	141. AG	700.	2.7	.0	32.0	
16. 0	NB Cir OnR*	231939.0	569732.0	232013.0	569700.0	*	81.	113. AG	700.	2.7	.0	32.0	
17. 0	NB Cir OnR*	232013.0	569700.0	232114.0	569718.0	*	103.	80. AG	700.	2.7	.0	32.0	
18. 0	NB Cir OnR*	232114.0	569718.0	232169.0	569781.0	*	84.	41. AG	700.	2.7	.0	32.0	
19. 0	NB Cir OnR*	232169.0	569781.0	232184.0	569846.0	*	67.	13. AG	700.	2.7	.0	32.0	
20. 0	NB Cir OnR*	232184.0	569846.0	232159.0	569971.0	*	127.	349. AG	700.	2.7	.0	32.0	
21. 0	NB Cir OnR*	232159.0	569971.0	232066.0	570231.0	*	276.	340. AG	700.	2.7	.0	32.0	
22. 0	NB Cir OnR*	232066.0	570231.0	232025.0	570302.0	*	82.	330. AG	700.	2.7	.0	32.0	
23. 0	NB Cir OnR*	232025.0	570302.0	231955.0	570339.0	*	79.	298. AG	700.	2.7	.0	32.0	
24. 0	NB Cir OnR*	231955.0	570339.0	231882.0	570336.0	*	73.	268. AG	700.	2.7	.0	32.0	
25. 0	NB Cir OnR*	231882.0	570336.0	231774.0	570278.0	*	123.	242. AG	700.	2.7	.0	32.0	
26. 0	NB Ramp E*	232094.0	570698.0	232038.0	570598.0	*	115.	209. AG	225.	2.7	.0	44.0	
27. 0	NB Ramp E*	232038.0	570598.0	231931.0	570461.0	*	174.	218. AG	225.	2.7	.0	44.0	
28. 0	NB Ramp Ed*	232149.0	570936.0	232103.0	570698.0	*	242.	191. AG	225.	2.7	.0	44.0	
29. 0	NB Off Ram*	232103.0	570698.0	232052.0	570493.0	*	211.	194. AG	1750.	2.7	.0	32.0	
30. 0	WB 121	* 231483.0	569993.0	231917.0	570487.0	*	658.	41. AG	1150.	2.7	.0	44.0	
31. 0	SB Cir Off*	231473.0	569992.0	231384.0	569950.0	*	98.	245. AG	925.	2.7	.0	32.0	
32. 0	SB Cir Off*	231384.0	569950.0	231281.0	569965.0	*	104.	278. AG	925.	2.7	.0	32.0	
33. 0	SB Cir Off*	231281.0	569965.0	231219.0	570031.0	*	91.	317. AG	925.	2.7	.0	32.0	
34. 0	SB Cir Off*	231219.0	570031.0	231176.0	570143.0	*	120.	339. AG	925.	2.7	.0	32.0	
35. 0	SB Cir Off*	231176.0	570143.0	231124.0	570254.0	*	123.	335. AG	925.	2.7	.0	32.0	
36. 0	SB Cir Off*	231124.0	570254.0	231117.0	570329.0	*	75.	355. AG	925.	2.7	.0	32.0	
37. 0	SB Cir Off*	231117.0	570329.0	231148.0	570404.0	*	81.	22. AG	925.	2.7	.0	32.0	
38. 0	SB Cir Off*	231148.0	570404.0	231233.0	570452.0	*	98.	61. AG	925.	2.7	.0	32.0	
39. 0	SB Cir Off*	231233.0	570452.0	231327.0	570443.0	*	94.	95. AG	925.	2.7	.0	32.0	
40. 0	SB Cir Off*	231327.0	570443.0	231450.0	570318.0	*	175.	135. AG	925.	2.7	.0	32.0	
41. 0	SB Off Ram*	231361.0	569833.0	231238.0	569940.0	*	163.	311. AG	150.	2.7	.0	32.0	
42. 0	SB Off Ram*	231320.0	569869.0	231263.8	569917.7	*	74.	311. AG	59. 100.0	.0	12.0	.51	3.8
43. 0	SB Off Ram*	231355.0	569842.0	231491.0	569992.0	*	202.	42. AG	650.	2.7	.0	32.0	
44. 0	SB Off Ram*	231376.0	569866.0	231589.4	570100.8	*	317.	42. AG	43. 100.0	.0	12.0	.95	16.1

JOB: S19 B230PM
DATE: 12/27/2006 TIME: 11:17:16.84

RUN: S19 B230PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB Off Ram*	231378.0	569839.0	231174.0	569617.0	*	301.	223. AG	1225.	2.7	.0	44.0	
46. 0	SB Off Ram*	231357.0	569816.0	231285.4	569738.5	*	106.	223. AG	35. 100.0	.0	24.0	.85	5.4
47. 0	SB Off Ram*	231174.0	569617.0	231084.0	569540.0	*	118.	229. AG	925.	2.7	.0	44.0	
48. 0	SB Off Ram*	231084.0	569540.0	230994.0	569488.0	*	104.	240. AG	925.	2.7	.0	44.0	
49. 0	SB Off Ram*	230994.0	569488.0	230869.0	569442.0	*	133.	250. AG	925.	2.7	.0	44.0	
50. 0	EB 121	* 231770.0	570278.0	231382.0	569841.0	*	584.	222. AG	1225.	2.7	.0	44.0	
51. 0	SB Off Ram*	231373.0	569844.0	231259.0	569950.0	*	156.	313. AG	550.	2.7	.0	32.0	
52. 0	SB Off Ram*	231259.0	569950.0	231232.0	570011.0	*	67.	336. AG	550.	2.7	.0	32.0	
53. 0	SB Off Ram*	231208.0	569691.0	231257.0	569774.0	*	96.	31. AG	275.	2.7	.0	32.0	
54. 0	SB Off Ram*	231257.0	569774.0	231259.0	569856.0	*	82.	1. AG	275.	2.7	.0	32.0	
55. 0	SB Off Ram*	231259.0	569856.0	231097.0	570272.0	*	446.	339. AG	275.	2.7	.0	32.0	
56. 0	SB Off Ram*	231097.0	570272.0	231095.0	570348.0	*	76.	358. AG	275.	2.7	.0	32.0	
57. 0	SB Off Ram*	231095.0	570348.0	231177.0	570564.0	*	231.	21. AG	275.	2.7	.0	32.0	
58. 0	SB Off Ram*	231177.0	570564.0	231191.0	570654.0	*	91.	9. AG	275.	2.7	.0	32.0	
59. 0	SB Off Ram*	231191.0	570654.0	231153.0	570825.0	*	175.	347. AG	275.	2.7	.0	32.0	
60. all	SB Off Ram*	230855.0	569457.0	231003.0	569508.0	*	157.	71. AG	1225.	2.7	.0	32.0	
61. all	SB Off Ram*	231003.0	569508.0	231079.0	569555.0	*	89.	58. AG	1225.	2.7	.0	32.0	
62. all	SB Off Ram*	231079.0	569555.0	231159.0	569632.0	*	111.	46. AG	1225.	2.7	.0	32.0	
63. all	SB Off Ram*	231159.0	569632.0	231212.0	569688.0	*	77.	43. AG	1225.	2.7	.0	32.0	
64. 0	SB Off Ram*	231215.0	569691.0	231356.0	569842.0	*	207.	43. AG	1225.	2.7	.0	32.0	
65. 0	SB GP	* 231995.0	569147.0	231770.0	569671.0	*	570.	337. AG	3175.	3.9	.0	56.0	
66. 0	SB GP	* 231770.0	569671.0	231578.0	570078.0	*	450.	335. AG	3175.	3.9	.0	56.0	
67. 0	SB GP	* 231578.0	570078.0	231333.0	570539.0	*	522.	332. AG	1675.	3.8	.0	44.0	
68. 0	SB GP	* 231333.0	570539.0	231102.0	570913.0	*	440.	328. AG	1675.	3.8	.0	44.0	
69. 0	SB ETL	* 232047.0	569166.0	231824.0	569664.0	*	546.	336. AG	775.	3.6	.0	32.0	
70. 0	SB ETL	* 231824.0	569664.0	231609.0	570122.0	*	506.	335. AG	775.	3.6	.0	32.0	
71. 0	SB ETL	* 231609.0	570122.0	231440.0	570440.0	*	360.	332. AG	1075.	3.6	.0	32.0	
72. 0	SB ETL	* 231440.0	570440.0	231249.0	570764.0	*	376.	329. AG	1075.	3.6	.0	32.0	
73. 0	SB ETL	* 231249.0	570764.0	231141.0	570938.0	*	205.	328. AG	1075.	3.6	.0	32.0	
74. 0	NB ETL	* 231183.0	570963.0	231341.0	570701.0	*	306.	149. AG	3525.	3.6	.0	32.0	
75. 0	NB ETL	* 231341.0	570701.0	231557.0	570323.0	*	435.	150. AG	3525.	3.6	.0	32.0	
76. 0	NB ETL	* 231557.0	570323.0	231648.0	570143.0	*	202.	153. AG	3525.	3.6	.0	32.0	
77. 0	NB ETL	* 231651.0	570141.0	231791.0	569846.0	*	327.	155. AG	2300.	3.6	.0	32.0	
78. 0	NB ETL	* 231791.0	569846.0	231958.0	569475.0	*	407.	156. AG	2300.	3.6	.0	32.0	
79. 0	NB ETL	* 231958.0	569475.0	232089.0	569186.0	*	317.	156. AG	2300.	3.6	.0	32.0	
80. 0	NB GP	* 231226.0	570983.0	231490.0	570548.0	*	509.	149. AG	3125.	3.7	.0	44.0	

S19B230P.OUT

81.	NB GP	* 231490.0	570548.0	231690.0	570177.0 *	421.	152. AG	3125.	3.7	.0 44.0
82.	NB GP	* 231692.0	570175.0	231850.0	569835.0 *	375.	155. AG	5400.	3.6	.0 56.0
83. 0	NB GP	* 231850.0	569835.0	232127.0	569208.0 *	685.	156. AG	5400.	3.6	.0 56.0

1

PAGE 3

JOB: S19 B230PM
DATE: 12/27/2006 TIME: 11:17:16.84

RUN: S19 B230PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
8. NB Ramp NL*	55	30	5.0	525	1770	29.10	1	1
10. NB Ramp W*	55	23	5.0	1150	1486	29.10	1	1
14. NB Ramp E*	55	31	5.0	225	1770	29.10	1	1
42. SB Off Ram*	90	68	5.0	150	1770	29.10	1	1
44. 0 SB Off Ram*	90	50	5.0	650	1863	29.10	1	1
46. SB Off Ram*	90	20	5.0	1225	1027	29.10	1	1

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. REC 1 NB ONRAMP	232187.0	570066.0	5.0	*
2. REC 2 NB ONRAMP	232093.0	570336.0	5.0	*
3. REC3 NB ONRAMP	232079.0	570451.0	5.0	*
4. REC 4 NB ONRAMP	232091.0	570539.0	5.0	*
5. REC 5 NB ONRAMP	232137.0	570706.0	5.0	*
6. REC 6 NB ONRAMP	232059.0	570717.0	5.0	*
7. REC 7 NB ONRAMP	231919.0	570536.0	5.0	*
8. REC 8 NB ONRAMP	231815.0	570416.0	5.0	*
9. REC 9 SB ONRAMP	231337.0	569685.0	5.0	*
10. REC 10 SB ONRAMP	231421.0	569771.0	5.0	*
11. REC 11 SB ONRAMP	231276.0	569630.0	5.0	*
12. REC 12 SB ONRAMP	231181.0	569547.0	5.0	*
13. REC 13 SB ONRAMP	231190.0	569702.0	5.0	*
14. REC 14 SB ONRAMP	231230.0	569781.0	5.0	*
15. REC 15 SB ONRAMP	231111.0	569618.0	5.0	*
16. REC 16 SB ONRAMP	231206.0	569883.0	5.0	*

1

JOB: S19 B230PM

RUN: S19 B230PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
0.	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
5.	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
10.	.0	.1	.1	.1	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
15.	.0	.1	.1	.1	.0	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0
20.	.0	.1	.0	.0	.0	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0
25.	.0	.1	.0	.0	.0	.2	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.1	.1	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.0	.1	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0
50.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.1	.2	.1	.0	.1	.0
55.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.3	.2	.3	.0
60.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.4	.2	.4	.0
65.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.4	.2	.4	.1
70.	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.1	.0	.4	.3	.3	.3	.3
75.	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.2	.1	.3	.3	.2	.3	.3
80.	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.1	.1	.3	.4	.3	.3	.3
85.	.0	.0	.0	.0	.0	.1	.3	.1	.2	.2	.1	.1	.3	.3	.2	.3	.3
90.	.0	.0	.0	.0	.0	.1	.3	.1	.1	.2	.1	.1	.3	.4	.2	.3	.3
95.	.0	.0	.0	.0	.0	.1	.4	.1	.1	.2	.2	.2	.3	.3	.2	.1	.1
100.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2
105.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.1	.3	.3	.3	.2	.2
110.	.0	.0	.0	.0	.0	.1	.4	.1	.2	.2	.2	.0	.4	.4	.2	.1	.1
115.	.0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.2	.0	.3	.4	.2	.1	.1
120.	.0	.0	.0	.0	.0	.2	.4	.1	.2	.2	.2	.0	.1	.4	.2	.2	.2
125.	.0	.0	.0	.0	.0	.2	.4	.1	.1	.2	.0	.0	.2	.3	.2	.2	.2
130.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.2	.0	.0	.2	.2	.2	.0	.0
135.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.0	.0	.2	.2	.2	.0	.0
140.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
145.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
150.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
155.	.0	.1	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0
160.	.1	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
165.	.1	.1	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0
170.	.1	.2	.1	.0	.0	.3	.3	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
175.	.1	.3	.2	.1	.0	.3	.3	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
180.	.2	.3	.2	.2	.0	.4	.2	.3	.0	.0	.0	.0	.2	.2	.2	.0	.0
185.	.3	.3	.2	.2	.1	.4	.4	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
190.	.3	.3	.2	.3	.2	.3	.3	.4	.0	.0	.0	.0	.2	.1	.2	.0	.0
195.	.2	.3	.2	.2	.2	.3	.3	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0
200.	.2	.3	.4	.2	.1	.3	.3	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0
205.	.3	.4	.3	.3	.2	.3	.2	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0

1

JOB: S19 B230PM

RUN: S19 B230PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
210.	*	.3	.3	.3	.3	.2	.3	.2	.5	.0	.0	.0	.1	.0	.1	.0
215.	*	.2	.3	.2	.3	.2	.2	.1	.4	.0	.0	.0	.0	.1	.0	.1
220.	*	.2	.2	.2	.3	.2	.1	.1	.3	.0	.0	.0	.0	.0	.1	.0
225.	*	.2	.3	.2	.2	.2	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0
230.	*	.2	.2	.2	.1	.2	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0
235.	*	.3	.2	.1	.1	.2	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
240.	*	.3	.2	.1	.1	.2	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0
245.	*	.4	.2	.1	.1	.2	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0
250.	*	.3	.1	.2	.1	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
255.	*	.3	.1	.2	.1	.1	.0	.2	.2	.0	.1	.0	.0	.0	.0	.0
260.	*	.2	.1	.2	.2	.2	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0
265.	*	.2	.2	.2	.2	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0
270.	*	.2	.2	.1	.2	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0
275.	*	.2	.3	.1	.2	.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
280.	*	.2	.3	.1	.1	.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
285.	*	.1	.2	.1	.1	.1	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0
290.	*	.1	.3	.1	.1	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0
295.	*	.2	.4	.2	.1	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0
300.	*	.1	.4	.2	.1	.1	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0
305.	*	.1	.5	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
310.	*	.2	.4	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
315.	*	.2	.4	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0
320.	*	.2	.4	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
325.	*	.2	.5	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
330.	*	.1	.5	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
335.	*	.1	.4	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
340.	*	.1	.3	.2	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
345.	*	.1	.3	.2	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
350.	*	.0	.2	.1	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
355.	*	.0	.2	.1	.2	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
360.	*	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0
MAX	*	.4	.5	.4	.3	.2	.4	.4	.5	.2	.2	.2	.2	.4	.4	.3
DEGR.	*	245	305	200	190	190	180	95	210	40	15	45	55	60	80	70

THE HIGHEST CONCENTRATION IS .50 PPM AT 305 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 210 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 245 DEGREES FROM REC1 .

1

JOB: S19 B230PM
 DATE: 12/27/2006 TIME: 11:17:16.84

RUN: S19 B230PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	CO/LINK ANGLE (DEGREES) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16
1	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0

1

JOB: S19 B230PM

RUN: S19 B230PM

PAGE 7

* CO/LINK (PPM)

S19B230P.OUT

LINK #	*	ANGLE (DEGREES)															
		REC1 245	REC2 305	REC3 200	REC4 190	REC5 190	REC6 180	REC7 95	REC8 210	REC9 40	REC10 15	REC11 45	REC12 55	REC13 60	REC14 80	REC15 60	REC16 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	.1
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
82	*	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1
83	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Site 20

MD 121 & MD 355 (Historical Church)

S20EXAM.DAT

S19 EXAM 121 AND 355	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S19 EXAM 121 AND 355	32	1	1

1	EB 121 L	AG232685.573209.232583.572946.	1 3.0 0. 32.	30.
2	EB 121 L	AG232653.573127.232603.572997.	0. 12 1	
60	20	4.0 1 29.1 859 2 3		
1	EB 121 T	AG232698.573203.232598.572942.	293 3.0 0. 56.	30.
2	EB 121 T	AG232666.573120.232608.572973.	0. 36 3	
60	20	5.0 293 29.1 1801 2 3		
1	EB 121 all	AG232590.572941.232302.572261.	293 3.0 0. 56.	30.
1	EB 121 dp	AG233065.574110.232953.573860.	49 3.0 0. 44.	30.
0	EB 121 dp	AG232953.573860.232834.573560.	49 3.0 0. 44.	30.
0	EB 121 dp	AG232834.573560.232701.573203.	49 3.0 0. 44.	30.
0	WB 121 L	AG232687.573224.232789.573468.	1 3.0 0. 32.	30.
2	WB 121 L	AG232703.573263.232764.573408.	0. 12 1	
60	34	4.0 1 29.1 1341 2 3		
1	WB 121 T&R	AG232676.573229.232780.573474.	316 3.0 0. 44.	30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0. 24 2	
60	34	4.0 316 29.1 1750 2 3		
1	WB 121 all	AG232786.573476.232908.573790.	316 3.0 0. 56.	30.
0	WB 121 all	AG232908.573790.233047.574120.	316 3.0 0. 56.	30.
0	WB 121 dp	AG232289.572272.232671.573220.	563 3.0 0. 56.	30.
0	NB 355 L	AG232689.573200.232850.573031.	1 3.0 0. 32.	30.
2	NB 355 L	AG232743.573143.232831.573051.	0. 12 1	
0	60	20 4.0 1 29.1 736 2 3		
1	NB 355 T	AG232691.573218.232863.573034.	192 3.0 0. 44.	30.
2	NB 355 T	AG232743.573161.232848.573050.	0. 24 2	
0	60	20 4.0 192 29.1 1801 2 3		
1	NB 355 all	AG232859.573027.233383.572474.	192 3.0 0. 44.	30.
0	NB 355 dp	AG231946.573866.232196.573672.	121 3.0 0. 44.	30.
0	NB 355 dp	AG232196.573672.232356.573526.	121 3.0 0. 44.	30.
0	NB 355 dp	AG232356.573526.232688.573220.	121 3.0 0. 44.	30.
0	SB 355 L	AG232678.573206.232518.573359.	1 3.0 0. 32.	30.
2	SB 355 L	AG232626.573256.232544.573334.	0. 12 1	
60	20	4.0 1 29.1 969 2 3		
1	SB 355 T	AG232671.573190.232507.573349.	955 3.0 0. 44.	30.
0	2	SB 355 T	AG232619.573240.232524.573333.	0. 24 2
60	20	4.0 955 29.1 1861 2 3		
1	SB 355 all	AG232509.573359.232286.573567.	955 3.0 0. 56.	30.
0	SB 355 all	AG232286.573567.232173.573674.	955 3.0 0. 44.	30.
0	SB 355 all	AG232173.573674.231934.573855.	955 3.0 0. 44.	30.
0	SB 355 dp	AG233374.572465.233050.572802.	1023 3.0 0. 44.	30.
1	SB 355 dp	AG233050.572802.232681.573181.	1023 3.0 0. 44.	30.
0	1.0 0.4 1000. 0.0Y 5 0 72			

JOB: S19 EXAM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:17.70

RUN: S19 EXAM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	1.	3.0	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232652.9	573126.9	*	0.	208. AG	26.	100.0	.0	12.0	.00
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	293.	3.0	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232662.1	573110.2	*	11.	202. AG	78.	100.0	.0	36.0	.10
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	293.	3.0	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	49.	3.0	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	49.	3.0	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	49.	3.0	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	1.	3.0	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232703.1	573263.2	*	0.	24. AG	44.	100.0	.0	12.0	.00
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	316.	3.0	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232705.5	573300.0	*	29.	23. AG	88.	100.0	.0	24.0	.27
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	316.	3.0	.0	56.0	
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	316.	3.0	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	563.	3.0	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	1.	3.0	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232743.1	573142.9	*	0.	135. AG	26.	100.0	.0	12.0	.00
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	192.	3.0	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232750.2	573153.4	*	10.	137. AG	52.	100.0	.0	24.0	.09
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	192.	3.0	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	121.	3.0	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	121.	3.0	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	121.	3.0	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	1.	3.0	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232625.9	573256.1	*	0.	315. AG	26.	100.0	.0	12.0	.00
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	955.	3.0	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232581.7	573276.5	*	52.	314. AG	52.	100.0	.0	24.0	.45
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	955.	3.0	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	955.	3.0	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	955.	3.0	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	1023.	3.0	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	1023.	3.0	.0	44.0	

JOB: S19 EXAM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:17.70

RUN: S19 EXAM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 60	20	4.0	1	859	29.10	2	3
4.	EB 121 T	* 60	20	5.0	293	1801	29.10	2	3
10.	WB 121 L	* 60	34	4.0	1	1341	29.10	2	3
12.	WB 121 T&R*	60	34	4.0	316	1750	29.10	2	3
17. 0	NB 355 L	* 60	20	4.0	1	736	29.10	2	3
19. 0	NB 355 T	* 60	20	4.0	192	1801	29.10	2	3
25.	SB 355 L	* 60	20	4.0	1	969	29.10	2	3
27.	SB 355 T	* 60	20	4.0	955	1861	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S19 EXAM 121 AND 355

RUN: S19 EXAM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.1
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.0	.0	.1
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1
135.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1
140.	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
145.	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1
150.	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1
155.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1
160.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
165.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
170.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
175.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
180.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
185.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
190.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
195.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
200.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
205.	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1

1

JOB: S19 EXAM 121 AND 355

RUN: S19 EXAM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
215.	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1
220.	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
230.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
265.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
270.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
295.	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
300.	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
305.	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
310.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
315.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
320.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
325.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
330.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.2	.1	.2	.2	.0	.0	.0	.0	.1	.2	.2	.0	.0	.1	.2	.0	.0	.0	.0	.1
DEGR.	135	140	280	215	0	0	0	0	175	185	55	0	0	125	115	0	0	0	0	10

1

JOB: S19 EXAM 121 AND 355

RUN: S19 EXAM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.0	.0	.1	.0	.0	.0	.0
5.	.0	.1	.0	.0	.1	.0	.0	.0	.0
10.	.1	.0	.0	.0	.1	.0	.0	.0	.0
15.	.1	.0	.0	.0	.1	.0	.0	.0	.0
20.	.1	.0	.0	.0	.1	.0	.0	.0	.0
25.	.1	.0	.0	.0	.1	.0	.0	.0	.0
30.	.1	.0	.0	.0	.1	.0	.0	.0	.0
35.	.1	.0	.0	.0	.1	.0	.0	.0	.0
40.	.1	.0	.0	.0	.1	.0	.0	.0	.0
45.	.1	.0	.0	.0	.1	.0	.0	.0	.0
50.	.1	.0	.0	.0	.1	.0	.0	.0	.0
55.	.1	.0	.0	.0	.1	.0	.0	.0	.0
60.	.1	.0	.0	.0	.1	.0	.0	.0	.0
65.	.1	.0	.0	.0	.1	.0	.0	.0	.0
70.	.1	.0	.0	.0	.1	.0	.0	.0	.0
75.	.1	.0	.0	.0	.1	.0	.0	.0	.0
80.	.1	.0	.0	.0	.1	.0	.0	.0	.0
85.	.1	.0	.0	.0	.1	.0	.0	.0	.0
90.	.1	.0	.0	.0	.1	.0	.0	.0	.0
95.	.1	.0	.0	.0	.1	.0	.0	.0	.0
100.	.1	.0	.0	.0	.1	.0	.0	.0	.0
105.	.1	.0	.0	.0	.1	.0	.0	.0	.0
110.	.1	.0	.0	.0	.1	.0	.0	.0	.0
115.	.1	.0	.0	.0	.2	.0	.0	.0	.0
120.	.1	.0	.0	.0	.2	.0	.0	.0	.0
125.	.1	.0	.0	.0	.2	.0	.0	.0	.0
130.	.1	.0	.0	.0	.2	.0	.0	.0	.0
135.	.1	.0	.0	.0	.1	.0	.0	.0	.0
140.	.1	.0	.0	.0	.1	.0	.0	.0	.0
145.	.1	.0	.0	.0	.1	.0	.0	.0	.0
150.	.1	.0	.0	.0	.0	.0	.0	.0	.0
155.	.1	.0	.0	.0	.0	.0	.0	.0	.0
160.	.1	.0	.0	.0	.0	.0	.0	.0	.0
165.	.1	.0	.0	.0	.0	.0	.0	.0	.0
170.	.1	.0	.0	.0	.0	.0	.0	.0	.0
175.	.1	.0	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0	.0
190.	.1	.0	.0	.0	.0	.0	.0	.0	.0
195.	.1	.0	.0	.0	.0	.0	.0	.0	.0
200.	.1	.0	.0	.0	.0	.0	.0	.0	.0
205.	.1	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S19 EXAM 121 AND 355

RUN: S19 EXAM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.1	.0	.1	.0	.0	.0	.0	.0
215.	.1	.2	.0	.1	.0	.0	.0	.0	.0
220.	.0	.1	.1	.1	.0	.0	.0	.0	.0
225.	.0	.1	.0	.1	.0	.0	.0	.0	.0
230.	.0	.1	.0	.1	.0	.0	.0	.0	.0
235.	.0	.1	.0	.1	.0	.0	.0	.0	.0
240.	.0	.0	.0	.1	.0	.0	.0	.0	.0
245.	.0	.0	.0	.1	.1	.0	.0	.0	.0
250.	.0	.0	.0	.0	.1	.0	.0	.0	.0
255.	.0	.0	.0	.0	.1	.0	.0	.0	.0
260.	.0	.0	.0	.0	.1	.0	.0	.0	.0
265.	.0	.0	.0	.0	.1	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.1	.0	.0	.0	.0
320.	.0	.0	.0	.0	.2	.0	.0	.0	.0
325.	.0	.0	.0	.0	.2	.0	.0	.0	.0
330.	.0	.0	.0	.0	.2	.0	.0	.0	.0
335.	.0	.0	.0	.0	.2	.0	.0	.0	.0
340.	.0	.0	.0	.0	.1	.0	.0	.0	.0
345.	.0	.0	.0	.0	.1	.0	.0	.0	.0
350.	.0	.1	.0	.0	.1	.0	.0	.0	.0
355.	.0	.1	.0	.0	.1	.0	.0	.0	.0
360.	.0	.1	.0	.0	.1	.0	.0	.0	.0

MAX DEGR.	10	215	220	210	115	0	0	0
	.1	.2	.1	.1	.2	.0	.0	.0

THE HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 280 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 215 DEGREES FROM REC4 .

1

JOB: S19 EXAM 121 AND 355

DATE: 12/14/2006 TIME: 13:16:17.70

RUN: S19 EXAM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 135	REC2 140	REC3 280	REC4 215	REC5 0	REC6 0	REC7 0	REC8 0	REC9 175	REC10 185	REC11 55	REC12 0	REC13 0	REC14 125	REC15 115	REC16 0	REC17 0	REC18 0	REC19 0	REC20 10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S19 EXAM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:17.70

RUN: S19 EXAM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 10	REC22 215	REC23 220	REC24 210	REC25 115	REC26 0	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.1	.1	.1	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.2	.0	.0	.0

S20EXPM.DAT

S20 EXPM 121 AND 355	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNE	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20 EXPM 121 AND 355	32	1	1

1	EB 121 L	AG232685.573209.232583.572946.	1 3.0	0. 32.	30.
2	EB 121 L	AG232653.573127.232603.572997.	0. 12	1	
45	20	4.0 1 29.1 859 2 3			
1	EB 121 T	AG232698.573203.232598.572942.	489 3.0	0. 56.	30.
2	EB 121 T	AG232666.573120.232608.572973.	0. 36	3	
45	20	4.0 489 29.1 1750 2 3			
1	EB 121 all	AG232590.572941.232302.572261.	489 3.0	0. 56.	30.
1	EB 121 dp	AG233065.574110.232953.573860.	324 3.0	0. 44.	30.
0	EB 121 dp	AG232953.573860.232834.573560.	324 3.0	0. 44.	30.
0	EB 121 dp	AG232834.573560.232701.573203.	324 3.0	0. 44.	30.
0	WB 121 L	AG232687.573224.232789.573468.	1 3.0	0. 32.	30.
2	WB 121 L	AG232703.573263.232764.573408.	0. 12	1	
45	34	4.0 1 29.1 1341 2 3			
1	WB 121 T&R	AG232676.573229.232780.573474.	43 3.0	0. 44.	30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0. 24	2	
45	20	4.0 43 29.1 1750 2 3			
1	WB 121 all	AG232786.573476.232908.573790.	43 3.0	0. 56.	30.
0	WB 121 all	AG232908.573790.233047.574120.	43 3.0	0. 56.	30.
0	WB 121 dp	AG232289.572272.232671.573220.	197 3.0	0. 56.	30.
0	NB 355 L	AG232689.573200.232850.573031.	1 3.0	0. 32.	30.
2	NB 355 L	AG232743.573143.232831.573051.	0. 12	1	
0	45	20 4.0 1 29.1 736 2 3			
1	NB 355 T	AG232691.573218.232863.573034.	622 3.0	0. 44.	30.
2	NB 355 T	AG232743.573161.232848.573050.	0. 24	2	
0	45	18 4.0 622 29.1 1801 2 3			
1	NB 355 all	AG232859.573027.233383.572474.	622 3.0	0. 44.	30.
0	NB 355 dp	AG231946.573866.232196.573672.	606 3.0	0. 44.	30.
0	NB 355 dp	AG232196.573672.232356.573526.	606 3.0	0. 44.	30.
0	NB 355 dp	AG232356.573526.232688.573220.	606 3.0	0. 44.	30.
0	SB 355 L	AG232678.573206.232518.573359.	1 3.0	0. 32.	30.
2	SB 355 L	AG232626.573256.232544.573334.	0. 12	1	
0	45	20 4.0 1 29.1 969 2 3			
1	SB 355 T	AG232671.573190.232507.573349.	203 3.0	0. 44.	30.
0	2	SB 355 T	AG232619.573240.232524.573333.	0. 24	2
0	45	18 4.0 203 29.1 1861 2 3			
1	SB 355 all	AG232509.573359.232286.573567.	203 3.0	0. 56.	30.
0	SB 355 all	AG232286.573567.232173.573674.	203 3.0	0. 44.	30.
0	SB 355 all	AG232173.573674.231934.573855.	203 3.0	0. 44.	30.
0	SB 355 dp	AG233374.572465.233050.572802.	230 3.0	0. 44.	30.
0	SB 355 dp	AG233050.572802.232681.573181.	230 3.0	0. 44.	30.

1.0 0.4 1000. 0.0Y 5 0 72

JOB: S20 EXPM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:37.42

RUN: S20 EXPM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	1.	3.0	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232652.9	573126.9	*	0.	208. AG	35.	100.0	.0	12.0	.00
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	489.	3.0	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232659.5	573103.5	*	18.	202. AG	104.	100.0	.0	36.0	.22
5.	EB 121 all	* 232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	489.	3.0	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	324.	3.0	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	324.	3.0	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	324.	3.0	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	1.	3.0	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232703.1	573263.2	*	0.	24. AG	59.	100.0	.0	12.0	.01
11.	WB 121 T&R	* 232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	43.	3.0	.0	44.0	
12.	WB 121 T&R	* 232694.0	573273.0	232694.9	573275.1	*	2.	23. AG	69.	100.0	.0	24.0	.03
13.	WB 121 all	* 232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	43.	3.0	.0	56.0	
14. 0	WB 121 all	* 232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	43.	3.0	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	197.	3.0	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	1.	3.0	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232743.1	573142.9	*	0.	135. AG	35.	100.0	.0	12.0	.00
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	622.	3.0	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232764.1	573138.7	*	31.	137. AG	62.	100.0	.0	24.0	.37
20.	NB 355 all	* 232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	622.	3.0	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	606.	3.0	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	606.	3.0	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	606.	3.0	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	1.	3.0	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232625.9	573256.1	*	0.	315. AG	35.	100.0	.0	12.0	.00
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	203.	3.0	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232611.9	573247.0	*	10.	314. AG	62.	100.0	.0	24.0	.12
28. 0	SB 355 all	* 232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	203.	3.0	.0	56.0	
29. 0	SB 355 all	* 232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	203.	3.0	.0	44.0	
30. 0	SB 355 all	* 232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	203.	3.0	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	230.	3.0	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	230.	3.0	.0	44.0	

JOB: S20 EXPM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:37.42

RUN: S20 EXPM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 45	20	4.0	1	859	29.10	2	3
4.	EB 121 T	* 45	20	4.0	489	1750	29.10	2	3
10.	WB 121 L	* 45	34	4.0	1	1341	29.10	2	3
12.	WB 121 T&R	* 45	20	4.0	43	1750	29.10	2	3
17. 0	NB 355 L	* 45	20	4.0	1	736	29.10	2	3
19. 0	NB 355 T	* 45	18	4.0	622	1801	29.10	2	3
25.	SB 355 L	* 45	20	4.0	1	969	29.10	2	3
27.	SB 355 T	* 45	18	4.0	203	1861	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 EXPM 121 AND 355

RUN: S20 EXPM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
115.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
120.	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
125.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
130.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
135.	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
140.	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
145.	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
150.	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
155.	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
160.	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
165.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
170.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
175.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
180.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
185.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
190.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
195.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
200.	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
205.	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

1

JOB: S20 EXPM 121 AND 355

RUN: S20 EXPM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
215.	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
220.	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
295.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
300.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
305.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
310.	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
315.	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
320.	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
325.	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
330.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
335.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.1	.2	.3	.2	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
DEGR.	115	135	230	150	0	0	0	0	0	0	260	0	0	110	0	0	0	0	0	0

1

JOB: S20 EXPM 121 AND 355

RUN: S20 EXPM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	.0	.1	.1	.1	.0	.0	.0	.0
5.	.0	.1	.1	.2	.0	.0	.0	.0
10.	.0	.1	.1	.2	.0	.0	.0	.0
15.	.0	.1	.1	.2	.0	.0	.0	.0
20.	.0	.1	.1	.1	.0	.0	.0	.0
25.	.0	.1	.1	.1	.0	.0	.0	.0
30.	.0	.0	.1	.1	.0	.0	.0	.0
35.	.0	.0	.0	.1	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.1	.0	.0	.0
60.	.0	.0	.0	.0	.1	.0	.0	.0
65.	.0	.0	.0	.0	.1	.0	.0	.0
70.	.0	.0	.0	.0	.1	.0	.0	.0
75.	.0	.0	.0	.0	.1	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.1	.0	.0	.0	.0
195.	.0	.1	.0	.1	.0	.0	.0	.0
200.	.0	.1	.0	.1	.0	.0	.0	.0
205.	.0	.1	.1	.1	.1	.0	.0	.0

1

JOB: S20 EXPM 121 AND 355

RUN: S20 EXPM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
210.	.0	.1	.1	.1	.1	.0	.0	.0
215.	.0	.1	.1	.1	.1	.0	.0	.0
220.	.0	.1	.1	.1	.2	.0	.0	.0
225.	.0	.1	.0	.1	.2	.0	.0	.0
230.	.0	.1	.0	.1	.2	.0	.0	.0
235.	.0	.1	.0	.1	.2	.0	.0	.0
240.	.0	.1	.0	.1	.2	.0	.0	.0
245.	.0	.1	.0	.0	.2	.0	.0	.0
250.	.0	.1	.0	.0	.2	.0	.0	.0
255.	.0	.1	.0	.0	.1	.0	.0	.0
260.	.0	.1	.0	.0	.1	.0	.0	.0
265.	.0	.0	.0	.0	.1	.0	.0	.0
270.	.0	.0	.0	.0	.1	.0	.0	.0
275.	.0	.0	.0	.0	.1	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.1	.0	.0	.0	.0	.0
325.	.0	.0	.1	.0	.0	.0	.0	.0
330.	.0	.1	.1	.0	.0	.0	.0	.0
335.	.0	.1	.1	.0	.0	.0	.0	.0
340.	.0	.1	.1	.1	.0	.0	.0	.0
345.	.0	.1	.1	.1	.0	.0	.0	.0
350.	.0	.1	.1	.1	.0	.0	.0	.0
355.	.0	.1	.1	.1	.0	.0	.0	.0
360.	.0	.1	.1	.1	.0	.0	.0	.0

MAX DEGR.	* 180	* 0	* 0	* 5	* 220	* 0	* 0	* 0
	.1	.1	.1	.2	.2	.0	.0	.0

THE HIGHEST CONCENTRATION IS .30 PPM AT 230 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 150 DEGREES FROM REC4 .

1

JOB: S20 EXPM 121 AND 355

DATE: 12/14/2006 TIME: 13:16:37.42

RUN: S20 EXPM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 115	REC2 135	REC3 230	REC4 150	REC5 0	REC6 0	REC7 0	REC8 0	REC9 0	REC10 0	REC11 260	REC12 0	REC13 0	REC14 110	REC15 0	REC16 0	REC17 0	REC18 0	REC19 0	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 EXPM 121 AND 355
DATE: 12/14/2006 TIME: 13:16:37.42

RUN: S20 EXPM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 180	REC22 0	REC23 0	REC24 5	REC25 220	REC26 0	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.1	.0	.0	.0
4	*	.0	.0	.0	.1	.1	.0	.0	.0
5	*	.1	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20NB15A.DAT

S20	NB15AM	121 AND 355	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20	NB15AM	121 AND 355	32	1	1

1	EB 121 L	AG232685.573209.232583.572946.	25	3.0	0. 32. 30.
2	EB 121 L	AG232653.573127.232603.572997.	0.	12	1
	80	27 4.0 25 33.4 956 2 3			
1	EB 121 T	AG232698.573203.232598.572942.	75	3.0	0. 56. 30.
2	EB 121 T	AG232666.573120.232608.572973.	0.	36	3
	80	32 4.0 75 33.4 1707 2 3			
1	EB 121 all	AG232590.572941.232302.572261.	100	3.0	0. 56. 30.
1	EB 121 dp	AG233065.574110.232953.573860.	250	3.0	0. 44. 30.
0	EB 121 dp	AG232953.573860.232834.573560.	250	3.0	0. 44. 30.
1	EB 121 dp	AG232834.573560.232701.573203.	250	3.0	0. 44. 30.
0	WB 121 L	AG232687.573224.232789.573468.	25	3.0	0. 32. 30.
2	WB 121 L	AG232703.573263.232764.573408.	0.	12	1
	80	28 4.0 25 33.4 1341 2 3			
1	WB 121 T&R	AG232676.573229.232780.573474.	250	3.0	0. 44. 30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0.	24	2
	80	32 4.0 250 33.4 1531 2 3			
1	WB 121 all	AG232786.573476.232908.573790.	275	3.0	0. 56. 30.
0	WB 121 all	AG232908.573790.233047.574120.	275	3.0	0. 56. 30.
1	WB 121 dp	AG232289.572272.232671.573220.	225	3.0	0. 56. 30.
0	NB 355 L	AG232689.573200.232850.573031.	25	3.0	0. 32. 30.
2	NB 355 L	AG232743.573143.232831.573051.	0.	12	1
	80	57 4.0 25 33.4 797 2 3			
1	NB 355 T	AG232691.573218.232863.573034.	175	3.0	0. 44. 30.
2	NB 355 T	AG232743.573161.232848.573050.	0.	24	2
	80	62 4.0 175 33.4 1723 2 3			
1	NB 355 all	AG232859.573027.233383.572474.	200	3.0	0. 44. 30.
0	NB 355 dp	AG231946.573866.232196.573672.	400	3.0	0. 44. 30.
1	NB 355 dp	AG232196.573672.232356.573526.	400	3.0	0. 44. 30.
0	NB 355 dp	AG232356.573526.232688.573220.	400	3.0	0. 44. 30.
1	SB 355 L	AG232678.573206.232518.573359.	125	3.0	0. 32. 30.
0	SB 355 L	AG232626.573256.232544.573334.	0.	12	1
	80	51 4.0 125 33.4 1090 2 3			
1	SB 355 T	AG232671.573190.232507.573349.	500	3.0	0. 44. 30.
2	SB 355 T	AG232619.573240.232524.573333.	0.	24	2
	80	54 4.0 500 33.4 1723 2 3			
1	SB 355 all	AG232509.573359.232286.573567.	625	3.0	0. 56. 30.
0	SB 355 all	AG232286.573567.232173.573674.	625	3.0	0. 44. 30.
1	SB 355 all	AG232173.573674.231934.573855.	625	3.0	0. 44. 30.
0	SB 355 dp	AG233374.572465.233050.572802.	375	3.0	0. 44. 30.
1	SB 355 dp	AG233050.572802.232681.573181.	375	3.0	0. 44. 30.
0	1.0	0.4 1000. 0.0Y 5 0 72			

JOB: S20 NB15AM 121 AND 355
DATE: 12/27/2006 TIME: 22:11:04.02

RUN: S20 NB15AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	*	232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	25.	3.0	.0 32.0	
2.	EB 121 L	*	232653.0	573127.0	232651.7	573123.6	*	4.	201. AG	30.	100.0	.0 12.0	.04 .2
3.	EB 121 T	*	232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	3.0	.0 56.0	
4.	EB 121 T	*	232666.0	573120.0	232664.4	573116.0	*	4.	202. AG	108.	100.0	.0 36.0	.03 .2
5.	EB 121 all*	*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	100.	3.0	.0 56.0	
6.	EB 121 dp	*	233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	250.	3.0	.0 44.0	
7. 0	EB 121 dp	*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	250.	3.0	.0 44.0	
8. 0	EB 121 dp	*	232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	250.	3.0	.0 44.0	
9. 0	WB 121 L	*	232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0 32.0	
10.	WB 121 L	*	232703.0	573263.0	232704.5	573266.5	*	4.	23. AG	31.	100.0	.0 12.0	.03 .2
11.	WB 121 T&R*	*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	250.	3.0	.0 44.0	
12.	WB 121 T&R*	*	232694.0	573273.0	232702.6	573293.1	*	22.	23. AG	72.	100.0	.0 24.0	.16 1.1
13.	WB 121 all*	*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	275.	3.0	.0 56.0	
14. 0	WB 121 all*	*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	275.	3.0	.0 56.0	
15. 0	WB 121 dp	*	232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	225.	3.0	.0 56.0	
16.	NB 355 L	*	232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0 32.0	
17. 0	NB 355 L	*	232743.0	573143.0	232748.4	573137.4	*	8.	136. AG	64.	100.0	.0 12.0	.15 .4
18.	NB 355 T	*	232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	175.	3.0	.0 44.0	
19. 0	NB 355 T	*	232743.0	573161.0	232763.3	573139.6	*	29.	137. AG	139.	100.0	.0 24.0	.34 1.5
20.	NB 355 all*	*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	200.	3.0	.0 44.0	
21. 0	NB 355 dp	*	231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	400.	3.0	.0 44.0	
22. 0	NB 355 dp	*	232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	400.	3.0	.0 44.0	
23. 0	NB 355 dp	*	232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	400.	3.0	.0 44.0	
24. 0	SB 355 L	*	232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	125.	3.0	.0 32.0	
25.	SB 355 L	*	232626.0	573256.0	232600.7	573280.1	*	35.	314. AG	57.	100.0	.0 12.0	.40 1.8
26. 0	SB 355 T	*	232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	500.	3.0	.0 44.0	
27.	SB 355 T	*	232619.0	573240.0	232566.3	573291.6	*	74.	314. AG	121.	100.0	.0 24.0	.58 3.8
28. 0	SB 355 all*	*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	625.	3.0	.0 56.0	
29. 0	SB 355 all*	*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	625.	3.0	.0 44.0	
30. 0	SB 355 all*	*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	625.	3.0	.0 44.0	
31.	SB 355 dp	*	233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	375.	3.0	.0 44.0	
32. 0	SB 355 dp	*	233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	375.	3.0	.0 44.0	

JOB: S20 NB15AM 121 AND 355
DATE: 12/27/2006 TIME: 22:11:04.02

RUN: S20 NB15AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	*	80	27	4.0	25	956	33.40	2 3
4.	EB 121 T	*	80	32	4.0	75	1707	33.40	2 3
10.	WB 121 L	*	80	28	4.0	25	1341	33.40	2 3
12.	WB 121 T&R*	*	80	32	4.0	250	1531	33.40	2 3
17. 0	NB 355 L	*	80	57	4.0	25	797	33.40	2 3
19. 0	NB 355 T	*	80	62	4.0	175	1723	33.40	2 3
25.	SB 355 L	*	80	51	4.0	125	1090	33.40	2 3
27.	SB 355 T	*	80	54	4.0	500	1723	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 NB15AM 121 AND 355

RUN: S20 NB15AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
135.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
150.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
180.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
185.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
190.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
195.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
200.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
205.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15AM 121 AND 355

RUN: S20 NB15AM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
215.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
220.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
230.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
265.	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
270.	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
295.	.1	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
300.	.1	.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
305.	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
310.	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
315.	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
320.	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
325.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
330.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.1	.1	.5	.1	.0	.0	.0	.0	.0	.1	.2	.0	.0	.2	.1	.0	.0	.0	.0	.0
DEGR.	295	300	260	135	0	0	0	0	0	225	80	0	0	130	0	0	0	0	0	0

1

JOB: S20 NB15AM 121 AND 355

RUN: S20 NB15AM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.1	.0	.0	.0
85.	*	.0	.0	.0	.0	.1	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.1	.0	.0	.0
110.	*	.0	.0	.0	.0	.1	.0	.0	.0
115.	*	.0	.0	.0	.0	.1	.0	.0	.0
120.	*	.0	.0	.0	.0	.1	.0	.0	.0
125.	*	.0	.0	.0	.0	.1	.0	.0	.0
130.	*	.0	.0	.0	.0	.1	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15AM 121 AND 355

RUN: S20 NB15AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.1	.0	.0	.0
320.	*	.0	.0	.0	.0	.1	.0	.0	.0
325.	*	.0	.0	.0	.0	.1	.0	.0	.0
330.	*	.0	.0	.0	.0	.1	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.0	.1	.0	.0	.0
DEGR.	*	0	0	0	0	40	0	0	0

THE HIGHEST CONCENTRATION IS .50 PPM AT 260 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 80 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 130 DEGREES FROM REC14.

1

JOB: S20 NB15AM 121 AND 355

DATE: 12/27/2006 TIME: 22:11:04.02

RUN: S20 NB15AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																	
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
		295	300	260	135	0	0	0	0	0	225	80	0	0	130	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15AM 121 AND 355
DATE: 12/27/2006 TIME: 22:11:04.02

RUN: S20 NB15AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		0	0	0	0	40	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20NB15P.DAT

S20 NB15PM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNE	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.
S20 NB15PM 121 AND 355			32	1	1
1		EB 121 L	AG232685.573209.232583.572946.	100	3.0 0. 32. 30.
2		EB 121 L	AG232653.573127.232603.572997.	0.	12 1
50	28		4.0 100 33.4 1241 2 3		
1		EB 121 T	AG232698.573203.232598.572942.	50	3.0 0. 56. 30.
2		EB 121 T	AG232666.573120.232608.572973.	0.	36 3
50	29		4.0 50 33.4 1707 2 3		
1		EB 121 all	AG232590.572941.232302.572261.	150	3.0 0. 56. 30.
1		EB 121 dp	AG233065.574110.232953.573860.	250	3.0 0. 44. 30.
0		EB 121 dp	AG232953.573860.232834.573560.	250	3.0 0. 44. 30.
0		EB 121 dp	AG232834.573560.232701.573203.	250	3.0 0. 44. 30.
0		WB 121 L	AG232687.573224.232789.573468.	25	3.0 0. 32. 30.
2		WB 121 L	AG232703.573263.232764.573408.	0.	12 1
50	31		4.0 25 33.4 1377 2 3		
1		WB 121 T&R	AG232676.573229.232780.573474.	125	3.0 0. 44. 30.
2		WB 121 T&R	AG232694.573273.232759.573426.	0.	24 2
50	34		4.0 125 33.4 1558 2 3		
1		WB 121 all	AG232786.573476.232908.573790.	150	3.0 0. 56. 30.
0		WB 121 all	AG232908.573790.233047.574120.	150	3.0 0. 56. 30.
0		WB 121 dp	AG232289.572272.232671.573220.	100	3.0 0. 56. 30.
0		NB 355 L	AG232689.573200.232850.573031.	25	3.0 0. 32. 30.
2		NB 355 L	AG232743.573143.232831.573051.	0.	12 1
0	50		29 4.0 25 33.4 1280 2 3		
1		NB 355 T	AG232691.573218.232863.573034.	350	3.0 0. 44. 30.
2		NB 355 T	AG232743.573161.232848.573050.	0.	24 2
0	50		33 4.0 350 33.4 1723 2 3		
1		NB 355 all	AG232859.573027.233383.572474.	375	3.0 0. 44. 30.
0		NB 355 dp	AG231946.573866.232196.573672.	525	3.0 0. 44. 30.
0		NB 355 dp	AG232196.573672.232356.573526.	525	3.0 0. 44. 30.
0		NB 355 dp	AG232356.573526.232688.573220.	525	3.0 0. 44. 30.
0		SB 355 L	AG232678.573206.232518.573359.	200	3.0 0. 32. 30.
2		SB 355 L	AG232626.573256.232544.573334.	0.	12 1
50	25		4.0 200 33.4 631 2 3		
1		SB 355 T	AG232671.573190.232507.573349.	150	3.0 0. 44. 30.
0		SB 355 T	AG232619.573240.232524.573333.	0.	24 2
0	50		25 4.0 150 33.4 1723 2 3		
1		SB 355 all	AG232509.573359.232286.573567.	350	3.0 0. 56. 30.
0		SB 355 all	AG232286.573567.232173.573674.	350	3.0 0. 44. 30.
0		SB 355 all	AG232173.573674.231934.573855.	350	3.0 0. 44. 30.
0		SB 355 dp	AG233374.572465.233050.572802.	350	3.0 0. 44. 30.
1		SB 355 dp	AG233050.572802.232681.573181.	350	3.0 0. 44. 30.
0					
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: S20 NB15PM 121 AND 355
DATE: 12/27/2006 TIME: 22:18:59.29

RUN: S20 NB15PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	100.	3.0	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232647.5	573112.7	*	15.	201. AG	50.	100.0	.0	12.0	.25 .8
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	50.	3.0	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232665.1	573117.7	*	3.	201. AG	156.	100.0	.0	36.0	.03 .1
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	150.	3.0	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	250.	3.0	.0	44.0	
7. 0	EB 121 all*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	250.	3.0	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	250.	3.0	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232704.6	573266.9	*	4.	23. AG	56.	100.0	.0	12.0	.07 .2
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	125.	3.0	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232698.5	573283.6	*	12.	23. AG	122.	100.0	.0	24.0	.20 .6
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	150.	3.0	.0	56.0	
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	150.	3.0	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	100.	3.0	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232745.8	573140.1	*	4.	136. AG	52.	100.0	.0	12.0	.07 .2
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	350.	3.0	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232764.7	573138.0	*	32.	137. AG	118.	100.0	.0	24.0	.46 1.6
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	375.	3.0	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	525.	3.0	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	525.	3.0	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	525.	3.0	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	200.	3.0	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232595.8	573284.8	*	42.	314. AG	45.	100.0	.0	12.0	.84 2.1
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	150.	3.0	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232611.7	573247.2	*	10.	314. AG	90.	100.0	.0	24.0	.11 .5
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	350.	3.0	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	350.	3.0	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	350.	3.0	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	350.	3.0	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	350.	3.0	.0	44.0	

JOB: S20 NB15PM 121 AND 355
DATE: 12/27/2006 TIME: 22:18:59.29

RUN: S20 NB15PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 50	28	4.0	100	1241	33.40	2	3
4.	EB 121 T	* 50	29	4.0	50	1707	33.40	2	3
10.	WB 121 L	* 50	31	4.0	25	1377	33.40	2	3
12.	WB 121 T&R*	50	34	4.0	125	1558	33.40	2	3
17. 0	NB 355 L	* 50	29	4.0	25	1280	33.40	2	3
19. 0	NB 355 T	* 50	33	4.0	350	1723	33.40	2	3
25.	SB 355 L	* 50	25	4.0	200	631	33.40	2	3
27.	SB 355 T	* 50	25	4.0	150	1723	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 NB15PM 121 AND 355

RUN: S20 NB15PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
125.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
130.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
135.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
140.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
145.	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
150.	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
155.	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
160.	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
165.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
170.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
175.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
180.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
185.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
190.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
195.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
200.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
205.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15PM 121 AND 355

RUN: S20 NB15PM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
295.	.1	.1	.5	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
300.	.1	.1	.4	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
305.	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
310.	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
315.	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
320.	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
325.	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
330.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
335.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.5	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
DEGR.	125	305	285	145	0	0	0	0	0	0	90	0	0	115	105	0	0	0	0	0

1

JOB: S20 NB15PM 121 AND 355

RUN: S20 NB15PM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.1	.0	.0	.0
85.	*	.0	.0	.0	.0	.1	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.1	.0	.0	.0
120.	*	.0	.0	.0	.0	.1	.0	.0	.0
125.	*	.0	.0	.0	.0	.1	.0	.0	.0
130.	*	.0	.0	.0	.0	.1	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15PM 121 AND 355

RUN: S20 NB15PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.0	.1	.0	.0	.0
DEGR.	*	0	0	0	0	40	0	0	0

THE HIGHEST CONCENTRATION IS .50 PPM AT 285 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 305 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 145 DEGREES FROM REC4 .

1

JOB: S20 NB15PM 121 AND 355
DATE: 12/27/2006 TIME: 22:18:59.29

RUN: S20 NB15PM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC4 145	REC5 0	REC6 0	REC7 0	REC8 0	REC9 0	REC10 0	REC11 90	REC12 0	REC13 0	REC14 115	REC15 105	REC16 0	REC17 0	REC18 0	REC19 0	REC20 0
		REC1 125	REC2 305	REC3 285																	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB15PM 121 AND 355
DATE: 12/27/2006 TIME: 22:18:59.29

RUN: S20 NB15PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC24 0	REC25 40	REC26 0	REC27 0	REC28 0
		REC21 0	REC22 0	REC23 0					
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B115A

S20 B115AM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20 B115AM 121 AND 355 32 1 1

1	EB 121 L	AG232685.573209.232583.572946.	25	3.0	0.	32.	30.
2	EB 121 L	AG232653.573127.232603.572997.	0.	12	1		
40	15	4.0 25 33.4 1242 2 3					
1	EB 121 T	AG232698.573203.232598.572942.	75	3.0	0.	56.	30.
2	EB 121 T	AG232666.573120.232608.572973.	0.	36	3		
40	18	4.0 75 33.4 1707 2 3					
1	EB 121 all	AG232590.572941.232302.572261.	100	3.0	0.	56.	30.
1	EB 121 dp	AG233065.574110.232953.573860.	200	3.0	0.	44.	30.
0	EB 121 dp	AG232953.573860.232834.573560.	200	3.0	0.	44.	30.
1	EB 121 dp	AG232834.573560.232701.573203.	200	3.0	0.	44.	30.
0	WB 121 L	AG232687.573224.232789.573468.	25	3.0	0.	32.	30.
2	WB 121 L	AG232703.573263.232764.573408.	0.	12	1		
40	15	4.0 25 33.4 1341 2 3					
1	WB 121 T&R	AG232676.573229.232780.573474.	250	3.0	0.	44.	30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0.	24	2		
40	18	4.0 250 33.4 1531 2 3					
1	WB 121 all	AG232786.573476.232908.573790.	275	3.0	0.	56.	30.
0	WB 121 all	AG232908.573790.233047.574120.	275	3.0	0.	56.	30.
1	WB 121 dp	AG232289.572272.232671.573220.	275	3.0	0.	56.	30.
0	NB 355 L	AG232689.573200.232850.573031.	25	3.0	0.	32.	30.
2	NB 355 L	AG232743.573143.232831.573051.	0.	12	1		
0	40	27 4.0 25 33.4 1159 2 3					
1	NB 355 T	AG232691.573218.232863.573034.	75	3.0	0.	44.	30.
2	NB 355 T	AG232743.573161.232848.573050.	0.	24	2		
0	40	30 4.0 75 33.4 1723 2 3					
1	NB 355 all	AG232859.573027.233383.572474.	100	3.0	0.	44.	30.
0	NB 355 dp	AG231946.573866.232196.573672.	300	3.0	0.	44.	30.
1	NB 355 dp	AG232196.573672.232356.573526.	300	3.0	0.	44.	30.
0	NB 355 dp	AG232356.573526.232688.573220.	300	3.0	0.	44.	30.
1	SB 355 L	AG232678.573206.232518.573359.	125	3.0	0.	32.	30.
0	SB 355 L	AG232626.573256.232544.573334.	0.	12	1		
40	23	4.0 125 33.4 1211 2 3					
1	SB 355 T	AG232671.573190.232507.573349.	400	3.0	0.	44.	30.
0	SB 355 T	AG232619.573240.232524.573333.	0.	24	2		
40	24	4.0 400 33.4 1723 2 3					
1	SB 355 all	AG232509.573359.232286.573567.	525	3.0	0.	56.	30.
0	SB 355 all	AG232286.573567.232173.573674.	525	3.0	0.	44.	30.
1	SB 355 all	AG232173.573674.231934.573855.	525	3.0	0.	44.	30.
0	SB 355 dp	AG233374.572465.233050.572802.	250	3.0	0.	44.	30.
1	SB 355 dp	AG233050.572802.232681.573181.	250	3.0	0.	44.	30.
0	1.0	0.4 1000. 0.0Y 5 0 72					

JOB: S20 B115AM 121 AND 355
DATE: 12/27/2006 TIME: 21:54:01.20

RUN: S20 B115AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	*	232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	25.	3.0	.0 32.0	
2.	EB 121 L	*	232653.0	573127.0	232652.3	573125.1	*	2.	201. AG	34.	100.0	.0 12.0	.04 .1
3.	EB 121 T	*	232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	3.0	.0 56.0	
4.	EB 121 T	*	232666.0	573120.0	232665.1	573117.7	*	2.	201. AG	121.	100.0	.0 36.0	.04 .1
5.	EB 121 all*	*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	100.	3.0	.0 56.0	
6.	EB 121 dp	*	233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	200.	3.0	.0 44.0	
7. 0	EB 121 dp	*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	200.	3.0	.0 44.0	
8. 0	EB 121 dp	*	232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	200.	3.0	.0 44.0	
9. 0	WB 121 L	*	232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0 32.0	
10.	WB 121 L	*	232703.0	573263.0	232703.8	573264.9	*	2.	23. AG	34.	100.0	.0 12.0	.04 .1
11.	WB 121 T&R*	*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	250.	3.0	.0 44.0	
12.	WB 121 T&R*	*	232694.0	573273.0	232698.8	573284.3	*	12.	23. AG	81.	100.0	.0 24.0	.20 .6
13.	WB 121 all*	*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	275.	3.0	.0 56.0	
14. 0	WB 121 all*	*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	275.	3.0	.0 56.0	
15. 0	WB 121 dp	*	232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	275.	3.0	.0 56.0	
16.	NB 355 L	*	232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0 32.0	
17. 0	NB 355 L	*	232743.0	573143.0	232745.6	573140.3	*	4.	136. AG	60.	100.0	.0 12.0	.12 .2
18.	NB 355 T	*	232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	75.	3.0	.0 44.0	
19. 0	NB 355 T	*	232743.0	573161.0	232747.2	573156.6	*	6.	137. AG	134.	100.0	.0 24.0	.22 .3
20.	NB 355 all*	*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	100.	3.0	.0 44.0	
21. 0	NB 355 dp	*	231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	300.	3.0	.0 44.0	
22. 0	NB 355 dp	*	232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	300.	3.0	.0 44.0	
23. 0	NB 355 dp	*	232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	300.	3.0	.0 44.0	
24. 0	SB 355 L	*	232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	125.	3.0	.0 32.0	
25.	SB 355 L	*	232626.0	573256.0	232614.6	573266.8	*	16.	314. AG	52.	100.0	.0 12.0	.38 .8
26. 0	SB 355 T	*	232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	400.	3.0	.0 44.0	
27.	SB 355 T	*	232619.0	573240.0	232600.2	573258.3	*	26.	314. AG	108.	100.0	.0 24.0	.47 1.3
28. 0	SB 355 all*	*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	525.	3.0	.0 56.0	
29. 0	SB 355 all*	*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	525.	3.0	.0 44.0	
30. 0	SB 355 all*	*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	525.	3.0	.0 44.0	
31.	SB 355 dp	*	233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	250.	3.0	.0 44.0	
32. 0	SB 355 dp	*	233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	250.	3.0	.0 44.0	

JOB: S20 B115AM 121 AND 355
DATE: 12/27/2006 TIME: 21:54:01.20

RUN: S20 B115AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	*	40	15	4.0	25	1242	33.40	2 3
4.	EB 121 T	*	40	18	4.0	75	1707	33.40	2 3
10.	WB 121 L	*	40	15	4.0	25	1341	33.40	2 3
12.	WB 121 T&R*	*	40	18	4.0	250	1531	33.40	2 3
17. 0	NB 355 L	*	40	27	4.0	25	1159	33.40	2 3
19. 0	NB 355 T	*	40	30	4.0	75	1723	33.40	2 3
25.	SB 355 L	*	40	23	4.0	125	1211	33.40	2 3
27.	SB 355 T	*	40	24	4.0	400	1723	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B115AM 121 AND 355

RUN: S20 B115AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
150.	*																			

RUN: S20 B115AM 121 AND 355

1

RUN: S20 B115AM 121 AND 355

Page 2

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B115AM 121 AND 355

RUN: S20 B115AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.1	.0	.0	.0	.0	.0	.0	.0
DEGR.	*	190	0	0	0	0	0	0	0

THE HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC14.
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 270 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 70 DEGREES FROM REC11.

1

JOB: S20 B115AM 121 AND 355
DATE: 12/27/2006 TIME: 21:54:01.20

RUN: S20 B115AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		REC1	REC2	REC3																	
		0	0	270	0	0	0	0	0	0	0	70	0	0	135	0	0	0	0	0	185
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B115AM 121 AND 355
DATE: 12/27/2006 TIME: 21:54:01.20

RUN: S20 B115AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC24	REC25	REC26	REC27	REC28
		REC21	REC22	REC23					
		190	0	0	0	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S20 B115PM 121 AND 355
DATE: 12/27/2006 TIME: 21:57:45.30

RUN: S20 B115PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	*	232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	100.	3.0	.0 32.0	
2.	EB 121 L	*	232653.0	573127.0	232649.7	573118.3	*	9.	201. AG	38.	100.0	.0 12.0	.19 .5
3.	EB 121 T	*	232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	3.0	.0 56.0	
4.	EB 121 T	*	232666.0	573120.0	232665.2	573117.9	*	2.	201. AG	114.	100.0	.0 36.0	.03 .1
5.	EB 121 all*	*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	175.	3.0	.0 56.0	
6.	EB 121 dp	*	233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	275.	3.0	.0 44.0	
7. 0	EB 121 dp	*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	275.	3.0	.0 44.0	
8. 0	EB 121 dp	*	232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	275.	3.0	.0 44.0	
9. 0	WB 121 L	*	232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0 32.0	
10.	WB 121 L	*	232703.0	573263.0	232704.1	573265.5	*	3.	23. AG	45.	100.0	.0 12.0	.05 .1
11.	WB 121 T&R	*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	125.	3.0	.0 44.0	
12.	WB 121 T&R	*	232694.0	573273.0	232696.8	573279.6	*	7.	23. AG	94.	100.0	.0 24.0	.12 .4
13.	WB 121 all*	*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	150.	3.0	.0 56.0	
14. 0	WB 121 all*	*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	150.	3.0	.0 56.0	
15. 0	WB 121 dp	*	232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	100.	3.0	.0 56.0	
16.	NB 355 L	*	232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0 32.0	
17. 0	NB 355 L	*	232743.0	573143.0	232745.4	573140.5	*	3.	136. AG	56.	100.0	.0 12.0	.08 .2
18.	NB 355 T	*	232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	200.	3.0	.0 44.0	
19. 0	NB 355 T	*	232743.0	573161.0	232753.9	573149.5	*	16.	137. AG	130.	100.0	.0 24.0	.47 .8
20.	NB 355 all*	*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	225.	3.0	.0 44.0	
21. 0	NB 355 dp	*	231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	375.	3.0	.0 44.0	
22. 0	NB 355 dp	*	232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	375.	3.0	.0 44.0	
23. 0	NB 355 dp	*	232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	375.	3.0	.0 44.0	
24. 0	SB 355 L	*	232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	200.	3.0	.0 32.0	
25.	SB 355 L	*	232626.0	573256.0	232606.6	573274.5	*	27.	314. AG	52.	100.0	.0 12.0	.69 1.4
26. 0	SB 355 T	*	232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	100.	3.0	.0 44.0	
27.	SB 355 T	*	232619.0	573240.0	232614.3	573244.6	*	7.	314. AG	108.	100.0	.0 24.0	.12 .3
28. 0	SB 355 all*	*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	300.	3.0	.0 56.0	
29. 0	SB 355 all*	*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	300.	3.0	.0 44.0	
30. 0	SB 355 all*	*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	300.	3.0	.0 44.0	
31.	SB 355 dp	*	233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	100.	3.0	.0 44.0	
32. 0	SB 355 dp	*	233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	100.	3.0	.0 44.0	

JOB: S20 B115PM 121 AND 355
DATE: 12/27/2006 TIME: 21:57:45.30

RUN: S20 B115PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	*	40	17	4.0	100	1241	33.40	2 3
4.	EB 121 T	*	40	17	4.0	75	1707	33.40	2 3
10.	WB 121 L	*	40	20	4.0	25	1341	33.40	2 3
12.	WB 121 T&R	*	40	21	4.0	125	1558	33.40	2 3
17. 0	NB 355 L	*	40	25	4.0	25	1345	33.40	2 3
19. 0	NB 355 T	*	40	29	4.0	200	1723	33.40	2 3
25.	SB 355 L	*	40	23	4.0	200	1056	33.40	2 3
27.	SB 355 T	*	40	24	4.0	100	1723	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B115PM 121 AND 355

RUN: S20 B115PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
150.	*																			

RUN: S20 B115PM 121 AND 355

1

RUN: S20 B115PM 121 AND 355

Page 2

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B115PM 121 AND 355

RUN: S20 B115PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.0	.1	.0	.0	.0
DEGR.	*	0	0	0	0	45	0	0	0

THE HIGHEST CONCENTRATION IS .20 PPM AT 265 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 145 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 85 DEGREES FROM REC11.

1

JOB: S20 B115PM 121 AND 355
DATE: 12/27/2006 TIME: 21:57:45.30

RUN: S20 B115PM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	265	145	0	0	0	0	0	0	85	0	0	120	0	0	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 B115PM 121 AND 355
DATE: 12/27/2006 TIME: 21:57:45.30

RUN: S20 B115PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		0	0	0	0	45	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B215A

S20 B215AM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.
S20 B215AM	121 AND 355		32	1	1
1		EB 121 L	AG232685.573209.232583.572946.	25	3.0 0. 32. 30.
2		EB 121 L	AG232653.573127.232603.572997.	0.	12 1
40	14		4.0 25 33.4 1242 2 3		
1		EB 121 T	AG232698.573203.232598.572942.	75	3.0 0. 56. 30.
2		EB 121 T	AG232666.573120.232608.572973.	0.	36 3
40	15		4.0 75 33.4 1707 2 3		
1		EB 121 all	AG232590.572941.232302.572261.	100	3.0 0. 56. 30.
1		EB 121 dp	AG233065.574110.232953.573860.	175	3.0 0. 44. 30.
0		EB 121 dp	AG232953.573860.232834.573560.	175	3.0 0. 44. 30.
1		EB 121 dp	AG232834.573560.232701.573203.	175	3.0 0. 44. 30.
0		WB 121 L	AG232687.573224.232789.573468.	25	3.0 0. 32. 30.
2		WB 121 L	AG232703.573263.232764.573408.	0.	12 1
40	14		4.0 25 33.4 1377 2 3		
1		WB 121 T&R	AG232676.573229.232780.573474.	225	3.0 0. 44. 30.
2		WB 121 T&R	AG232694.573273.232759.573426.	0.	24 2
40	18		4.0 2 33.4 1531 2 3		
1		WB 121 all	AG232786.573476.232908.573790.	250	3.0 0. 56. 30.
0		WB 121 all	AG232908.573790.233047.574120.	250	3.0 0. 56. 30.
1		WB 121 dp	AG232289.572272.232671.573220.	200	3.0 0. 56. 30.
0		NB 355 L	AG232689.573200.232850.573031.	25	3.0 0. 32. 30.
2		NB 355 L	AG232743.573143.232831.573051.	0.	12 1
0	40		27 4.0 25 33.4 1159 2 3		
1		NB 355 T	AG232691.573218.232863.573034.	75	3.0 0. 44. 30.
2		NB 355 T	AG232743.573161.232848.573050.	0.	24 2
0	40		30 4.0 75 33.4 1723 2 3		
1		NB 355 all	AG232859.573027.233383.572474.	100	3.0 0. 44. 30.
0		NB 355 dp	AG231946.573866.232196.573672.	300	3.0 0. 44. 30.
1		NB 355 dp	AG232196.573672.232356.573526.	300	3.0 0. 44. 30.
0		NB 355 dp	AG232356.573526.232688.573220.	300	3.0 0. 44. 30.
1		SB 355 L	AG232678.573206.232518.573359.	125	3.0 0. 32. 30.
0		SB 355 L	AG232626.573256.232544.573334.	0.	12 1
40	23		4.0 125 33.4 1211 2 3		
1		SB 355 T	AG232671.573190.232507.573349.	375	3.0 0. 44. 30.
0		SB 355 T	AG232619.573240.232524.573333.	0.	24 2
40	24		4.0 375 33.4 1723 2 3		
1		SB 355 all	AG232509.573359.232286.573567.	500	3.0 0. 56. 30.
0		SB 355 all	AG232286.573567.232173.573674.	500	3.0 0. 44. 30.
1		SB 355 all	AG232173.573674.231934.573855.	500	3.0 0. 44. 30.
0		SB 355 dp	AG233374.572465.233050.572802.	250	3.0 0. 44. 30.
1		SB 355 dp	AG233050.572802.232681.573181.	250	3.0 0. 44. 30.
0					
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: S20 B215AM 121 AND 355
DATE: 12/27/2006 TIME: 22:02:25.80

RUN: S20 B215AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	*	232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	25.	3.0	.0 32.0	
2.	EB 121 L	*	232653.0	573127.0	232652.3	573125.2	*	2.	201. AG	31.	100.0	.0 12.0	.04 .1
3.	EB 121 T	*	232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	3.0	.0 56.0	
4.	EB 121 T	*	232666.0	573120.0	232665.3	573118.1	*	2.	201. AG	101.	100.0	.0 36.0	.03 .1
5.	EB 121 all*	*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	100.	3.0	.0 56.0	
6.	EB 121 dp	*	233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	175.	3.0	.0 44.0	
7. 0	EB 121 dp	*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	175.	3.0	.0 44.0	
8. 0	EB 121 dp	*	232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	175.	3.0	.0 44.0	
9. 0	WB 121 L	*	232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0 32.0	
10.	WB 121 L	*	232703.0	573263.0	232703.7	573264.7	*	2.	23. AG	31.	100.0	.0 12.0	.04 .1
11.	WB 121 T&R*	*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	225.	3.0	.0 44.0	
12.	WB 121 T&R*	*	232694.0	573273.0	232694.1	573273.1	*	0.	31. AG	81.	100.0	.0 24.0	.00 .0
13.	WB 121 all*	*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	250.	3.0	.0 56.0	
14. 0	WB 121 all*	*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	250.	3.0	.0 56.0	
15. 0	WB 121 dp	*	232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	200.	3.0	.0 56.0	
16.	NB 355 L	*	232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0 32.0	
17. 0	NB 355 L	*	232743.0	573143.0	232745.6	573140.3	*	4.	136. AG	60.	100.0	.0 12.0	.12 .2
18.	NB 355 T	*	232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	75.	3.0	.0 44.0	
19. 0	NB 355 T	*	232743.0	573161.0	232747.2	573156.6	*	6.	137. AG	134.	100.0	.0 24.0	.22 .3
20.	NB 355 all*	*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	100.	3.0	.0 44.0	
21. 0	NB 355 dp	*	231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	300.	3.0	.0 44.0	
22. 0	NB 355 dp	*	232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	300.	3.0	.0 44.0	
23. 0	NB 355 dp	*	232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	300.	3.0	.0 44.0	
24. 0	SB 355 L	*	232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	125.	3.0	.0 32.0	
25.	SB 355 L	*	232626.0	573256.0	232614.6	573266.8	*	16.	314. AG	52.	100.0	.0 12.0	.38 .8
26. 0	SB 355 T	*	232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	375.	3.0	.0 44.0	
27.	SB 355 T	*	232619.0	573240.0	232601.5	573257.2	*	25.	314. AG	108.	100.0	.0 24.0	.43 1.2
28. 0	SB 355 all*	*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	500.	3.0	.0 56.0	
29. 0	SB 355 all*	*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	500.	3.0	.0 44.0	
30. 0	SB 355 all*	*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	500.	3.0	.0 44.0	
31.	SB 355 dp	*	233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	250.	3.0	.0 44.0	
32. 0	SB 355 dp	*	233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	250.	3.0	.0 44.0	

JOB: S20 B215AM 121 AND 355
DATE: 12/27/2006 TIME: 22:02:25.80

RUN: S20 B215AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	*	40	14	4.0	25	1242	33.40	2 3
4.	EB 121 T	*	40	15	4.0	75	1707	33.40	2 3
10.	WB 121 L	*	40	14	4.0	25	1377	33.40	2 3
12.	WB 121 T&R*	*	40	18	4.0	2	1531	33.40	2 3
17. 0	NB 355 L	*	40	27	4.0	25	1159	33.40	2 3
19. 0	NB 355 T	*	40	30	4.0	75	1723	33.40	2 3
25.	SB 355 L	*	40	23	4.0	125	1211	33.40	2 3
27.	SB 355 T	*	40	24	4.0	375	1723	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B215AM 121 AND 355

RUN: S20 B215AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)																			
	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
150.	*	.																		

RUN: S20 B215AM 121 AND 355

1

RUN: S20 B215AM 121 AND 355

Page 2

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B215AM 121 AND 355

RUN: S20 B215AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.0	.0	.0	.0	.0
DEGR.	*	0	0	0	0	0	0	0	0

THE HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC14.
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 270 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 230 DEGREES FROM REC11.

1

JOB: S20 B215AM 121 AND 355
DATE: 12/27/2006 TIME: 22:02:25.80

RUN: S20 B215AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	270	0	0	0	0	0	0	0	230	0	0	135	0	0	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B215AM 121 AND 355
DATE: 12/27/2006 TIME: 22:02:25.80

RUN: S20 B215AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		0	0	0	0	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B215P

S20 B215PM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.				
REC 2	164'	SE CORNER	232836.	573081.	5.				
REC 3	82'	SE CORNER	232773.	573149.	5.				
REC 4		SE CORNER	232725.	573214.	5.				
REC 5	82'	ES CORNER	185274.	425821.	5.				
REC 6	164'	ES CORNER	185299.	425885.	5.				
REC 7	400'	ES CORNER	232863.	573582.	5.				
REC 8	400'	EN CORNER	232828.	573629.	5.				
REC 9	164'	EN CORNER	232751.	573439.	5.				
REC 10	164'	EN CORNE	232722.	573364.	5.				
REC 11		NE CORNER	232676.	573284.	5.				
REC 12	82'	NE CORNER	185133.	425842.	5.				
REC 13	164'	NE CORNE	185066.	425896.	5.				
REC 14	400'	NE CORNE	232368.	573528.	5.				
REC 15	400'	NW CORNE	232334.	573496.	5.				
REC 16	164'	NW CORNE	185049.	425806.	5.				
REC 17	82'	NW CORNER	185102.	425754.	5.				
REC 18		NW CORNER	185151.	425699.	5.				
REC 19	82'	WN CORNER	185123.	425598.	5.				
REC 20	164'	WN CORNE	232570.	573019.	5.				
REC 21	400'	WN CORNE	232481.	572802.	5.				
REC 22	400'	WS CORNE	232535.	572750.	5.				
REC 23	164'	WS CORNE	232627.	572962.	5.				
REC 24	82'	WS CORNER	232648.	573042.	5.				
REC 25		SW CORNER	232700.	573126.	5.				
REC 26	82'	SW CORNER	185311.	425571.	5.				
REC 27	164'	SW CORNE	185367.	425514.	5.				
REC 28	400'	SW CORNE	185527.	425345.	5.				
S20	B215PM	121 AND 355				32	1	1	
1									
2		EB 121 L	AG232685.573209.232583.572946.			100	3.0	0. 32.	30.
40		EB 121 L	AG232653.573127.232603.572997.			0.	12	1	
17			4.0 100 33.4 1242 2 3						
1		EB 121 T	AG232698.573203.232598.572942.			50	3.0	0. 56.	30.
2		EB 121 T	AG232666.573120.232608.572973.			0.	36	3	
40			4.0 50 33.4 1707 2 3						
18									
1		EB 121 all	AG232590.572941.232302.572261.			150	3.0	0. 56.	30.
1		EB 121 dp	AG233065.574110.232953.573860.			250	3.0	0. 44.	30.
0		EB 121 dp	AG232953.573860.232834.573560.			250	3.0	0. 44.	30.
1		EB 121 dp	AG232834.573560.232701.573203.			250	3.0	0. 44.	30.
0		WB 121 L	AG232687.573224.232789.573468.			25	3.0	0. 32.	30.
2		WB 121 L	AG232703.573263.232764.573408.			0.	12	1	
40			4.0 25 33.4 1490 2 3						
20									
1		WB 121 T&R	AG232676.573229.232780.573474.			125	3.0	0. 44.	30.
2		WB 121 T&R	AG232694.573273.232759.573426.			0.	24	2	
40			4.0 125 33.4 1558 2 3						
21									
1		WB 121 all	AG232786.573476.232908.573790.			150	3.0	0. 56.	30.
0		WB 121 all	AG232908.573790.233047.574120.			150	3.0	0. 56.	30.
1		WB 121 dp	AG232289.572272.232671.573220.			100	3.0	0. 56.	30.
0		NB 355 L	AG232689.573200.232850.573031.			25	3.0	0. 32.	30.
2		NB 355 L	AG232743.573143.232831.573051.			0.	12	1	
0			4.0 25 33.4 1378 2 3						
40									
25									
1		NB 355 T	AG232691.573218.232863.573034.			175	3.0	0. 44.	30.
2		NB 355 T	AG232743.573161.232848.573050.			0.	24	2	
0			4.0 175 33.4 1723 2 3						
29									
1		NB 355 all	AG232859.573027.233383.572474.			200	3.0	0. 44.	30.
0		NB 355 dp	AG231946.573866.232196.573672.			350	3.0	0. 44.	30.
1		NB 355 dp	AG232196.573672.232356.573526.			350	3.0	0. 44.	30.
0		NB 355 dp	AG232356.573526.232688.573220.			350	3.0	0. 44.	30.
1		SB 355 L	AG232678.573206.232518.573359.			200	3.0	0. 32.	30.
0		SB 355 L	AG232626.573256.232544.573334.			0.	12	1	
40			4.0 200 33.4 974 2 3						
23									
1		SB 355 T	AG232671.573190.232507.573349.			75	3.0	0. 44.	30.
0		SB 355 T	AG232619.573240.232524.573333.			0.	24	2	
40			4.0 75 33.4 1723 2 3						
24									
1		SB 355 all	AG232509.573359.232286.573567.			275	3.0	0. 56.	30.
0		SB 355 all	AG232286.573567.232173.573674.			275	3.0	0. 44.	30.
1		SB 355 all	AG232173.573674.231934.573855.			275	3.0	0. 44.	30.
0		SB 355 dp	AG233374.572465.233050.572802.			75	3.0	0. 44.	30.
1		SB 355 dp	AG233050.572802.232681.573181.			75	3.0	0. 44.	30.
0									
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: S20 B215PM 121 AND 355
DATE: 12/27/2006 TIME: 22:05:19.04

RUN: S20 B215PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	*	232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	100.	3.0	.0 32.0	
2.	EB 121 L	*	232653.0	573127.0	232649.7	573118.3	*	9.	201. AG	38.	100.0	.0 12.0	.19 .5
3.	EB 121 T	*	232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	50.	3.0	.0 56.0	
4.	EB 121 T	*	232666.0	573120.0	232665.4	573118.5	*	2.	202. AG	121.	100.0	.0 36.0	.02 .1
5.	EB 121 all*	*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	150.	3.0	.0 56.0	
6.	EB 121 dp	*	233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	250.	3.0	.0 44.0	
7. 0	EB 121 dp	*	232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	250.	3.0	.0 44.0	
8. 0	EB 121 dp	*	232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	250.	3.0	.0 44.0	
9. 0	WB 121 L	*	232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	3.0	.0 32.0	
10.	WB 121 L	*	232703.0	573263.0	232704.1	573265.5	*	3.	23. AG	45.	100.0	.0 12.0	.05 .1
11.	WB 121 T&R*	*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	125.	3.0	.0 44.0	
12.	WB 121 T&R*	*	232694.0	573273.0	232696.8	573279.6	*	7.	23. AG	94.	100.0	.0 24.0	.12 .4
13.	WB 121 all*	*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	150.	3.0	.0 56.0	
14. 0	WB 121 all*	*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	150.	3.0	.0 56.0	
15. 0	WB 121 dp	*	232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	100.	3.0	.0 56.0	
16.	NB 355 L	*	232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	3.0	.0 32.0	
17. 0	NB 355 L	*	232743.0	573143.0	232745.4	573140.5	*	3.	136. AG	56.	100.0	.0 12.0	.08 .2
18.	NB 355 T	*	232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	175.	3.0	.0 44.0	
19. 0	NB 355 T	*	232743.0	573161.0	232752.5	573150.9	*	14.	137. AG	130.	100.0	.0 24.0	.40 .7
20.	NB 355 all*	*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	200.	3.0	.0 44.0	
21. 0	NB 355 dp	*	231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	350.	3.0	.0 44.0	
22. 0	NB 355 dp	*	232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	350.	3.0	.0 44.0	
23. 0	NB 355 dp	*	232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	350.	3.0	.0 44.0	
24. 0	SB 355 L	*	232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	200.	3.0	.0 32.0	
25.	SB 355 L	*	232626.0	573256.0	232603.9	573277.1	*	31.	314. AG	52.	100.0	.0 12.0	.75 1.6
26. 0	SB 355 T	*	232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	75.	3.0	.0 44.0	
27.	SB 355 T	*	232619.0	573240.0	232615.5	573243.4	*	5.	315. AG	108.	100.0	.0 24.0	.09 .2
28. 0	SB 355 all*	*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	275.	3.0	.0 56.0	
29. 0	SB 355 all*	*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	275.	3.0	.0 44.0	
30. 0	SB 355 all*	*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	275.	3.0	.0 44.0	
31.	SB 355 dp	*	233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	75.	3.0	.0 44.0	
32. 0	SB 355 dp	*	233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	75.	3.0	.0 44.0	

JOB: S20 B215PM 121 AND 355
DATE: 12/27/2006 TIME: 22:05:19.04

RUN: S20 B215PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	*	40	17	4.0	100	1242	33.40	2 3
4.	EB 121 T	*	40	18	4.0	50	1707	33.40	2 3
10.	WB 121 L	*	40	20	4.0	25	1490	33.40	2 3
12.	WB 121 T&R*	*	40	21	4.0	125	1558	33.40	2 3
17. 0	NB 355 L	*	40	25	4.0	25	1378	33.40	2 3
19. 0	NB 355 T	*	40	29	4.0	175	1723	33.40	2 3
25.	SB 355 L	*	40	23	4.0	200	974	33.40	2 3
27.	SB 355 T	*	40	24	4.0	75	1723	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B215PM 121 AND 355

RUN: S20 B215PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)																			
	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
150.	*	.																		

RUN: S20 B215PM 121 AND 355

[illegible]

RUN: S20 B215PM 121 AND 355

Page 2

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B215PM 121 AND 355

RUN: S20 B215PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.0	.1	.0	.0	.0
DEGR.	*	0	0	0	0	45	0	0	0

THE HIGHEST CONCENTRATION IS .20 PPM AT 270 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 150 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 85 DEGREES FROM REC11.

1

JOB: S20 B215PM 121 AND 355
DATE: 12/27/2006 TIME: 22:05:19.04

RUN: S20 B215PM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																	
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
		0	0	270	150	0	0	0	0	0	0	85	0	0	120	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B215PM 121 AND 355
DATE: 12/27/2006 TIME: 22:05:19.04

RUN: S20 B215PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		0	0	0	0	45	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S20 NB30AM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:32.97

RUN: S20 NB30AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	75.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232649.8	573118.6	*	9.	201. AG	34.	100.0	.0	12.0	.5
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232664.9	573117.1	*	3.	202. AG	108.	100.0	.0	36.0	.2
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	150.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	250.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	250.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	250.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232704.3	573266.0	*	3.	23. AG	37.	100.0	.0	12.0	.2
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	350.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232704.1	573296.8	*	26.	23. AG	84.	100.0	.0	24.0	.33
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	375.	2.7	.0	56.0	1.3
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	375.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	475.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232746.2	573139.6	*	5.	136. AG	53.	100.0	.0	12.0	.17
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	225.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232758.2	573145.0	*	22.	137. AG	112.	100.0	.0	24.0	.41
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	250.	2.7	.0	44.0	1.1
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	575.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	575.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	575.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	175.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232606.6	573274.5	*	27.	314. AG	44.	100.0	.0	12.0	.56
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	775.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232576.7	573281.5	*	59.	314. AG	87.	100.0	.0	24.0	.70
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	950.	2.7	.0	56.0	3.0
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	950.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	950.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	425.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	425.	2.7	.0	44.0	

JOB: S20 NB30AM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:32.97

RUN: S20 NB30AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 50	22	4.0	75	859	29.10	2	3
4.	EB 121 T	* 50	23	4.0	75	1707	29.10	2	3
10.	WB 121 L	* 50	24	4.0	25	1341	29.10	2	3
12.	WB 121 T&R*	50	27	4.0	350	1542	29.10	2	3
17. 0	NB 355 L	* 50	34	4.0	25	736	29.10	2	3
19. 0	NB 355 T	* 50	36	4.0	225	1723	29.10	2	3
25.	SB 355 L	* 50	28	4.0	175	969	29.10	2	3
27.	SB 355 T	* 50	28	4.0	775	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 NB30AM 121 AND 355

RUN: S20 NB30AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
25.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
30.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
35.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
150.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
155.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
170.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
175.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
180.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
185.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
190.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
195.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
200.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
205.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1

1

JOB: S20 NB30AM 121 AND 355

RUN: S20 NB30AM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
265.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
270.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
280.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
285.	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
290.	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
295.	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
300.	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
305.	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
310.	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
315.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
320.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
325.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
330.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
335.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.1	.0	.3	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.2	.2	.0	.0	.0	.0	.1
DEGR	290	0	265	295	0	0	0	25	175	25	65	0	0	125	95	0	0	0	0	15

1

JOB: S20 NB30AM 121 AND 355

RUN: S20 NB30AM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.1	.0	.0	.0	.0
50.	.1	.0	.0	.0	.1	.0	.0	.0	.0
55.	.1	.0	.0	.0	.1	.0	.0	.0	.0
60.	.1	.0	.0	.0	.1	.0	.0	.0	.0
65.	.0	.0	.0	.0	.1	.0	.0	.0	.0
70.	.0	.0	.0	.0	.1	.0	.0	.0	.0
75.	.0	.0	.0	.0	.1	.0	.0	.0	.0
80.	.0	.0	.0	.0	.1	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.1	.0	.0	.0	.0
110.	.0	.0	.0	.0	.1	.0	.0	.0	.0
115.	.0	.0	.0	.0	.1	.0	.0	.0	.0
120.	.0	.0	.0	.0	.1	.0	.0	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0	.0	.0
130.	.0	.0	.0	.0	.1	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	.1	.0	.0	.0	.0	.0	.0	.0	.0
165.	.1	.0	.0	.0	.0	.0	.0	.0	.0
170.	.1	.0	.0	.0	.0	.0	.0	.0	.0
175.	.1	.0	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0	.0
190.	.1	.0	.0	.0	.0	.0	.0	.0	.0
195.	.1	.0	.0	.0	.0	.0	.0	.0	.0
200.	.1	.0	.0	.0	.0	.0	.0	.0	.0
205.	.1	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB30AM 121 AND 355

RUN: S20 NB30AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.0	.0	.0	.1	.0	.0	.0	.0
DEGR.	15	0	0	0	45	0	0	0	0

THE HIGHEST CONCENTRATION IS .30 PPM AT 265 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 295 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 65 DEGREES FROM REC11 .

1

JOB: S20 NB30AM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:32.97

RUN: S20 NB30AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 290	REC2 0	REC3 265	REC4 295	REC5 0	REC6 0	REC7 0	REC8 25	REC9 175	REC10 25	REC11 65	REC12 0	REC13 0	REC14 125	REC15 95	REC16 0	REC17 0	REC18 0	REC19 0	REC20 15
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 NB30AM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:32.97

RUN: S20 NB30AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 15	REC22 0	REC23 0	REC24 0	REC25 45	REC26 0	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20NB30P.DAT

S20 NB30PM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20 NB30PM 121 AND 355 32 1 1

1	EB 121 L	AG232685.573209.232583.572946.	300 2.7 0. 32. 30.
2	EB 121 L	AG232653.573127.232603.572997.	0. 12 1
60	35	4.0 300 29.1 1209 2 3	
1	EB 121 T	AG232698.573203.232598.572942.	75 2.7 0. 56. 30.
2	EB 121 T	AG232666.573120.232608.572973.	0. 36 3
60	37	4.0 75 29.1 1707 2 3	
1	EB 121 all	AG232590.572941.232302.572261.	375 2.7 0. 56. 30.
1	EB 121 dp	AG233065.574110.232953.573860.	400 2.7 0. 44. 30.
0	EB 121 dp	AG232953.573860.232834.573560.	400 2.7 0. 44. 30.
0	EB 121 dp	AG232834.573560.232701.573203.	400 2.7 0. 44. 30.
0	WB 121 L	AG232687.573224.232789.573468.	25 2.7 0. 32. 30.
2	WB 121 L	AG232703.573263.232764.573408.	0. 12 1
60	43	4.0 25 29.1 1341 2 3	
1	WB 121 T&R	AG232676.573229.232780.573474.	150 2.7 0. 44. 30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0. 24 2
60	46	4.0 150 29.1 1549 2 3	
1	WB 121 all	AG232786.573476.232908.573790.	175 2.7 0. 56. 30.
0	WB 121 all	AG232908.573790.233047.574120.	175 2.7 0. 56. 30.
0	WB 121 dp	AG232289.572272.232671.573220.	150 2.7 0. 56. 30.
0	NB 355 L	AG232689.573200.232850.573031.	25 2.7 0. 32. 30.
2	NB 355 L	AG232743.573143.232831.573051.	0. 12 1
0	60	35 4.0 25 29.1 1131 2 3	
1	NB 355 T	AG232691.573218.232863.573034.	425 2.7 0. 44. 30.
2	NB 355 T	AG232743.573161.232848.573050.	0. 24 2
0	60	40 4.0 425 29.1 1723 2 3	
1	NB 355 all	AG232859.573027.233383.572474.	450 2.7 0. 44. 30.
0	NB 355 dp	AG231946.573866.232196.573672.	825 2.7 0. 44. 30.
0	NB 355 dp	AG232196.573672.232356.573526.	825 2.7 0. 44. 30.
0	NB 355 dp	AG232356.573526.232688.573220.	825 2.7 0. 44. 30.
0	SB 355 L	AG232678.573206.232518.573359.	325 2.7 0. 32. 30.
2	SB 355 L	AG232626.573256.232544.573334.	0. 12 1
60	25	4.0 325 29.1 373 2 3	
1	SB 355 T	AG232671.573190.232507.573349.	325 2.7 0. 44. 30.
0	2	SB 355 T	AG232619.573240.232524.573333.
60	27	4.0 325 29.1 1723 2 3	0. 24 2
1	SB 355 all	AG232509.573359.232286.573567.	650 2.7 0. 56. 30.
0	SB 355 all	AG232286.573567.232173.573674.	650 2.7 0. 44. 30.
0	SB 355 all	AG232173.573674.231934.573855.	650 2.7 0. 44. 30.
0	SB 355 dp	AG233374.572465.233050.572802.	275 2.7 0. 44. 30.
1	SB 355 dp	AG233050.572802.232681.573181.	275 2.7 0. 44. 30.
0	1.0 0.4 1000. 0.0Y 5 0 72		

JOB: S20 NB30PM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:56.21

RUN: S20 NB30PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	300.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232630.6	573068.7	*	62.	201. AG	46.	100.0	.0	12.0	.79 3.2
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232664.2	573115.3	*	5.	201. AG	144.	100.0	.0	36.0	.05 .3
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	375.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	400.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	400.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	400.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232705.3	573268.4	*	6.	23. AG	56.	100.0	.0	12.0	.10 .3
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	150.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232701.4	573290.4	*	19.	23. AG	120.	100.0	.0	24.0	.36 1.0
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	175.	2.7	.0	56.0	
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	175.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232774.0	573220.0	*	1022.	22. AG	150.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232746.3	573139.6	*	5.	136. AG	46.	100.0	.0	12.0	.07 .2
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	425.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232774.9	573127.3	*	46.	137. AG	104.	100.0	.0	24.0	.53 2.4
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	450.	2.7	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	825.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	825.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	825.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	325.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	231488.8	574337.4	*	1569.	314. AG	33.	100.0	.0	12.0	1.81 79.7
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	325.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232601.9	573256.7	*	24.	314. AG	70.	100.0	.0	24.0	.21 1.2
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	650.	2.7	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	650.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	650.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	275.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	275.	2.7	.0	44.0	

JOB: S20 NB30PM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:56.21

RUN: S20 NB30PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 60	35	4.0	300	1209	29.10	2	3
4.	EB 121 T	* 60	37	4.0	75	1707	29.10	2	3
10.	WB 121 L	* 60	43	4.0	25	1341	29.10	2	3
12.	WB 121 T&R*	60	46	4.0	150	1549	29.10	2	3
17. 0	NB 355 L	* 60	35	4.0	25	1131	29.10	2	3
19. 0	NB 355 T	* 60	40	4.0	425	1723	29.10	2	3
25.	SB 355 L	* 60	25	4.0	325	373	29.10	2	3
27.	SB 355 T	* 60	27	4.0	325	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 NB30PM 121 AND 355

RUN: S20 NB30PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
5.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
10.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
15.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
20.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.3	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.3	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
120.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
125.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
130.	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3	.0	.0	.0	.0	.0
135.	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4	.1	.0	.0	.0	.0	.0
140.	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4	.1	.0	.0	.0	.0	.0
145.	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.0	.0	.0	.0	.0
150.	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
155.	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
160.	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
165.	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
170.	.1	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
175.	.1	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
180.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
185.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
190.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
195.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
200.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
205.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB30PM 121 AND 355

RUN: S20 NB30PM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
215.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
220.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
225.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
230.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
235.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
240.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
245.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
250.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
255.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
260.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
265.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
270.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
275.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
280.	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
285.	.1	.1	.5	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
290.	.1	.1	.4	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
295.	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
300.	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
305.	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
310.	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
315.	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
320.	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
325.	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
330.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
335.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
345.	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
360.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
MAX	.1	.2	.5	.2	.0	.0	.1	.0	.0	.0	.3	.0	.0	.4	.3	.0	.0	.0	.0	.0
DEGR.	120	295	280	140	0	0	0	0	0	0	90	0	0	135	0	0	0	0	0	0

1

JOB: S20 NB30PM 121 AND 355

RUN: S20 NB30PM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.1	.0	.0	.0	.0
5.	*	.0	.0	.0	.1	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.1	.0	.0	.0
85.	*	.0	.0	.0	.0	.1	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.0	.0	.0
95.	*	.0	.0	.0	.0	.1	.0	.0	.0
100.	*	.0	.0	.0	.0	.1	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.1	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB30PM 121 AND 355

RUN: S20 NB30PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.1	.0	.0	.0	.0	.0	.0
215.	*	.0	.1	.0	.0	.0	.0	.0	.0
220.	*	.0	.1	.0	.0	.0	.0	.0	.0
225.	*	.0	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.1	.0	.0	.0
240.	*	.0	.0	.0	.0	.1	.0	.0	.0
245.	*	.0	.0	.0	.0	.1	.0	.0	.0
250.	*	.0	.0	.0	.0	.2	.0	.0	.0
255.	*	.0	.0	.0	.0	.2	.0	.0	.0
260.	*	.0	.0	.0	.0	.2	.0	.0	.0
265.	*	.0	.0	.0	.0	.1	.0	.0	.0
270.	*	.0	.0	.0	.0	.1	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.1	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.1	.0	.0	.0	.0
335.	*	.0	.0	.0	.1	.0	.0	.0	.0
340.	*	.0	.0	.0	.1	.0	.0	.0	.0
345.	*	.0	.0	.0	.1	.0	.0	.0	.0
350.	*	.0	.0	.0	.1	.0	.0	.0	.0
355.	*	.0	.0	.0	.1	.0	.0	.0	.0
360.	*	.0	.0	.0	.1	.0	.0	.0	.0
MAX	*	.0	.1	.0	.1	.2	.0	.0	.0
DEGR.	*	0	205	0	0	250	0	0	0

THE HIGHEST CONCENTRATION IS .50 PPM AT 280 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 135 DEGREES FROM REC14.
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 90 DEGREES FROM REC11.

1

JOB: S20 NB30PM 121 AND 355

RUN: S20 NB30PM 121 AND 355

PAGE 7

DATE: 12/19/2006 TIME: 10:34:56.21

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)				REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		REC1	REC2	REC3	ANGLE (DEGREES)																	
		120	295	280		140	0	0	0	0	0	0	90	0	0	135	0	0	0	0	0	0
1	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0		.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.1		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.4		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.1	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
23	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
26	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 NB30PM 121 AND 355
DATE: 12/19/2006 TIME: 10:34:56.21

RUN: S20 NB30PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)				REC24	REC25	REC26	REC27	REC28
		REC21	REC22	REC23	ANGLE (DEGREES)					
		0	205	0		0	250	0	0	0
1	*	.0	.0	.0		.0	.0	.0	.0	.0
2	*	.0	.0	.0		.1	.1	.0	.0	.0
3	*	.0	.0	.0		.0	.0	.0	.0	.0
4	*	.0	.0	.0		.0	.1	.0	.0	.0
5	*	.0	.1	.0		.0	.0	.0	.0	.0
6	*	.0	.0	.0		.0	.0	.0	.0	.0
7	*	.0	.0	.0		.0	.0	.0	.0	.0
8	*	.0	.0	.0		.0	.0	.0	.0	.0
9	*	.0	.0	.0		.0	.0	.0	.0	.0
10	*	.0	.0	.0		.0	.0	.0	.0	.0
11	*	.0	.0	.0		.0	.0	.0	.0	.0
12	*	.0	.0	.0		.0	.0	.0	.0	.0
13	*	.0	.0	.0		.0	.0	.0	.0	.0
14	*	.0	.0	.0		.0	.0	.0	.0	.0
15	*	.0	.0	.0		.0	.0	.0	.0	.0
16	*	.0	.0	.0		.0	.0	.0	.0	.0
17	*	.0	.0	.0		.0	.0	.0	.0	.0
18	*	.0	.0	.0		.0	.0	.0	.0	.0
19	*	.0	.0	.0		.0	.0	.0	.0	.0
20	*	.0	.0	.0		.0	.0	.0	.0	.0
21	*	.0	.0	.0		.0	.0	.0	.0	.0
22	*	.0	.0	.0		.0	.0	.0	.0	.0
23	*	.0	.0	.0		.0	.0	.0	.0	.0
24	*	.0	.0	.0		.0	.0	.0	.0	.0
25	*	.0	.0	.0		.0	.0	.0	.0	.0
26	*	.0	.0	.0		.0	.0	.0	.0	.0
27	*	.0	.0	.0		.0	.0	.0	.0	.0
28	*	.0	.0	.0		.0	.0	.0	.0	.0
29	*	.0	.0	.0		.0	.0	.0	.0	.0
30	*	.0	.0	.0		.0	.0	.0	.0	.0
31	*	.0	.0	.0		.0	.0	.0	.0	.0
32	*	.0	.0	.0		.0	.0	.0	.0	.0

S20B130A.DAT

S20 B130AM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.				
REC 2	164'	SE CORNER	232836.	573081.	5.				
REC 3	82'	SE CORNER	232773.	573149.	5.				
REC 4		SE CORNER	232725.	573214.	5.				
REC 5	82'	ES CORNER	185274.	425821.	5.				
REC 6	164'	ES CORNER	185299.	425885.	5.				
REC 7	400'	ES CORNER	232863.	573582.	5.				
REC 8	400'	EN CORNER	232828.	573629.	5.				
REC 9	164'	EN CORNER	232751.	573439.	5.				
REC 10	164'	EN CORNE	232722.	573364.	5.				
REC 11		NE CORNER	232676.	573284.	5.				
REC 12	82'	NE CORNER	185133.	425842.	5.				
REC 13	164'	NE CORNE	185066.	425896.	5.				
REC 14	400'	NE CORNE	232368.	573528.	5.				
REC 15	400'	NW CORNE	232334.	573496.	5.				
REC 16	164'	NW CORNE	185049.	425806.	5.				
REC 17	82'	NW CORNER	185102.	425754.	5.				
REC 18		NW CORNER	185151.	425699.	5.				
REC 19	82'	WN CORNER	185123.	425598.	5.				
REC 20	164'	WN CORNE	232570.	573019.	5.				
REC 21	400'	WN CORNE	232481.	572802.	5.				
REC 22	400'	WS CORNE	232535.	572750.	5.				
REC 23	164'	WS CORNE	232627.	572962.	5.				
REC 24	82'	WS CORNER	232648.	573042.	5.				
REC 25		SW CORNER	232700.	573126.	5.				
REC 26	82'	SW CORNER	185311.	425571.	5.				
REC 27	164'	SW CORNE	185367.	425514.	5.				
REC 28	400'	SW CORNE	185527.	425345.	5.				
S20	B130AM	121 AND 355				32	1	1	
1		EB 121 L	AG232685.573209.232583.572946.			75	2.7	0.32.	30.
2		EB 121 L	AG232653.573127.232603.572997.			0.	12	1	
50	26		4.0 75 29.1 932 2 3						
1		EB 121 T	AG232698.573203.232598.572942.			75	2.7	0.56.	30.
2		EB 121 T	AG232666.573120.232608.572973.			0.	36	3	
50	30		4.0 75 29.1 1707 2 3						
1		EB 121 all	AG232590.572941.232302.572261.			150	2.7	0.56.	30.
1		EB 121 dp	AG233065.574110.232953.573860.			250	2.7	0.44.	30.
0		EB 121 dp	AG232953.573860.232834.573560.			250	2.7	0.44.	30.
0		EB 121 dp	AG232834.573560.232701.573203.			250	2.7	0.44.	30.
0		WB 121 L	AG232687.573224.232789.573468.			25	2.7	0.32.	30.
2		WB 121 L	AG232703.573263.232764.573408.			0.	12	1	
50	32		4.0 25 29.1 1341 2 3						
1		WB 121 T&R	AG232676.573229.232780.573474.			350	2.7	0.44.	30.
2		WB 121 T&R	AG232694.573273.232759.573426.			0.	24	2	
50	33		4.0 350 29.1 1542 2 3						
1		WB 121 all	AG232786.573476.232908.573790.			375	2.7	0.56.	30.
0		WB 121 all	AG232908.573790.233047.574120.			375	2.7	0.56.	30.
0		WB 121 dp	AG232289.572272.232671.573220.			475	2.7	0.56.	30.
0		NB 355 L	AG232689.573200.232850.573031.			25	2.7	0.32.	30.
2		NB 355 L	AG232743.573143.232831.573051.			0.	12	1	
0	50		30 4.0 25 29.1 881 2 3						
1		NB 355 T	AG232691.573218.232863.573034.			225	2.7	0.44.	30.
2		NB 355 T	AG232743.573161.232848.573050.			0.	24	2	
0	50		31 4.0 225 29.1 1723 2 3						
1		NB 355 all	AG232859.573027.233383.572474.			250	2.7	0.44.	30.
0		NB 355 dp	AG231946.573866.232196.573672.			575	2.7	0.44.	30.
0		NB 355 dp	AG232196.573672.232356.573526.			575	2.7	0.44.	30.
0		NB 355 dp	AG232356.573526.232688.573220.			575	2.7	0.44.	30.
0		SB 355 L	AG232678.573206.232518.573359.			175	2.7	0.32.	30.
2		SB 355 L	AG232626.573256.232544.573334.			0.	12	1	
50	23		4.0 175 29.1 808 2 3						
1		SB 355 T	AG232671.573190.232507.573349.			775	2.7	0.44.	30.
0		SB 355 T	AG232619.573240.232524.573333.			0.	24	2	
0	50		28 4.0 775 29.1 1723 2 3						
1		SB 355 all	AG232509.573359.232286.573567.			950	2.7	0.56.	30.
0		SB 355 all	AG232286.573567.232173.573674.			950	2.7	0.44.	30.
0		SB 355 all	AG232173.573674.231934.573855.			950	2.7	0.44.	30.
0		SB 355 dp	AG233374.572465.233050.572802.			425	2.7	0.44.	30.
1		SB 355 dp	AG233050.572802.232681.573181.			425	2.7	0.44.	30.
0									
1.0	0.4	1000. 0.0Y	5 0 72						

JOB: S20 B130AM 121 AND 355
DATE: 12/22/2006 TIME: 22:32:39.50

RUN: S20 B130AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	75.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232649.2	573117.1	*	11.	201. AG	41.	100.0	.0	12.0	.22
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232664.5	573116.2	*	4.	202. AG	140.	100.0	.0	36.0	.05
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	150.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	250.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	250.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	250.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232704.7	573267.1	*	4.	23. AG	50.	100.0	.0	12.0	.08
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	350.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232706.4	573302.1	*	32.	23. AG	103.	100.0	.0	24.0	.52
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	375.	2.7	.0	56.0	1.6
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	375.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	475.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232745.9	573140.0	*	4.	136. AG	47.	100.0	.0	12.0	.10
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	225.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232756.1	573147.2	*	19.	137. AG	97.	100.0	.0	24.0	.25
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	250.	2.7	.0	44.0	1.0
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	575.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	575.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	575.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	175.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232610.1	573271.2	*	22.	314. AG	36.	100.0	.0	12.0	.52
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	775.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232576.7	573281.5	*	59.	314. AG	87.	100.0	.0	24.0	.70
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	950.	2.7	.0	56.0	3.0
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	950.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	950.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	425.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	425.	2.7	.0	44.0	

JOB: S20 B130AM 121 AND 355
DATE: 12/22/2006 TIME: 22:32:39.50

RUN: S20 B130AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 50	26	4.0	75	932	29.10	2	3
4.	EB 121 T	* 50	30	4.0	75	1707	29.10	2	3
10.	WB 121 L	* 50	32	4.0	25	1341	29.10	2	3
12.	WB 121 T&R*	50	33	4.0	350	1542	29.10	2	3
17. 0	NB 355 L	* 50	30	4.0	25	881	29.10	2	3
19. 0	NB 355 T	* 50	31	4.0	225	1723	29.10	2	3
25.	SB 355 L	* 50	23	4.0	175	808	29.10	2	3
27.	SB 355 T	* 50	28	4.0	775	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B130AM 121 AND 355

RUN: S20 B130AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
25.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
30.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
35.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
150.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
155.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
170.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
175.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
180.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
185.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
190.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
195.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
200.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
205.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1

1

JOB: S20 B130AM 121 AND 355

RUN: S20 B130AM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
265.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
270.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
280.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
285.	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
290.	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
295.	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
300.	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
305.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
310.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
315.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
320.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
325.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
330.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
335.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.1	.0	.2	.2	.0	.0	.0	.1	.1	.2	.3	.0	.0	.2	.2	.0	.0	.0	.0	.1
DEGR	290	0	260	295	0	0	0	25	175	185	70	0	0	125	95	0	0	0	0	15

1

JOB: S20 B130AM 121 AND 355

RUN: S20 B130AM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.1	.0	.0	.0	.0	.0	.0	.0
20.	*	.1	.0	.0	.0	.0	.0	.0	.0
25.	*	.1	.0	.0	.0	.0	.0	.0	.0
30.	*	.1	.0	.0	.0	.0	.0	.0	.0
35.	*	.1	.0	.0	.0	.0	.0	.0	.0
40.	*	.1	.0	.0	.0	.0	.0	.0	.0
45.	*	.1	.0	.0	.0	.0	.0	.0	.0
50.	*	.1	.0	.0	.0	.1	.0	.0	.0
55.	*	.1	.0	.0	.0	.1	.0	.0	.0
60.	*	.1	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.1	.0	.0	.0
110.	*	.0	.0	.0	.0	.1	.0	.0	.0
115.	*	.0	.0	.0	.0	.1	.0	.0	.0
120.	*	.0	.0	.0	.0	.1	.0	.0	.0
125.	*	.0	.0	.0	.0	.1	.0	.0	.0
130.	*	.0	.0	.0	.0	.1	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.1	.0	.0	.0	.0	.0	.0	.0
165.	*	.1	.0	.0	.0	.0	.0	.0	.0
170.	*	.1	.0	.0	.0	.0	.0	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B130AM 121 AND 355

RUN: S20 B130AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.1	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.1	.0	.0	.0	.1	.0	.0	.0
DEGR.	*	15	0	0	0	50	0	0	0

THE HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 260 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 295 DEGREES FROM REC4 .

1

JOB: S20 B130AM 121 AND 355
DATE: 12/22/2006 TIME: 22:32:39.50

RUN: S20 B130AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 290	REC2 0	REC3 260	REC4 295	REC5 0	REC6 0	REC7 0	REC8 25	REC9 175	REC10 185	REC11 70	REC12 0	REC13 0	REC14 125	REC15 95	REC16 0	REC17 0	REC18 0	REC19 0	REC20 15
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 B130AM 121 AND 355
DATE: 12/22/2006 TIME: 22:32:39.50

RUN: S20 B130AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 15	REC22 0	REC23 0	REC24 0	REC25 50	REC26 0	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B130P.DAT

S20 B130PM 121 AND 355 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20 B130PM 121 AND 355 32 1 1

1	EB 121 L	AG232685.573209.232583.572946.	300 2.7 0. 32. 30.
2	EB 121 L	AG232653.573127.232603.572997.	0. 12 1
55	33	4.0 300 29.1 1208 2 3	
1	EB 121 T	AG232698.573203.232598.572942.	75 2.7 0. 56. 30.
2	EB 121 T	AG232666.573120.232608.572973.	0. 36 3
55	30	4.0 75 29.1 1707 2 3	
1	EB 121 all	AG232590.572941.232302.572261.	375 2.7 0. 56. 30.
1	EB 121 dp	AG233065.574110.232953.573860.	400 2.7 0. 44. 30.
0	EB 121 dp	AG232953.573860.232834.573560.	400 2.7 0. 44. 30.
0	EB 121 dp	AG232834.573560.232701.573203.	400 2.7 0. 44. 30.
0	WB 121 L	AG232687.573224.232789.573468.	25 2.7 0. 32. 30.
2	WB 121 L	AG232703.573263.232764.573408.	0. 12 1
55	46	4.0 25 29.1 1863 2 3	
1	WB 121 T&R	AG232676.573229.232780.573474.	150 2.7 0. 44. 30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0. 24 2
55	48	4.0 150 29.1 1548 2 3	
1	WB 121 all	AG232786.573476.232908.573790.	175 2.7 0. 56. 30.
0	WB 121 all	AG232908.573790.233047.574120.	175 2.7 0. 56. 30.
0	WB 121 dp	AG232289.572272.232671.573220.	150 2.7 0. 56. 30.
0	NB 355 L	AG232689.573200.232850.573031.	25 2.7 0. 32. 30.
2	NB 355 L	AG232743.573143.232831.573051.	0. 12 1
0	55	31 4.0 25 29.1 1130 2 3	
1	NB 355 T	AG232691.573218.232863.573034.	400 2.7 0. 44. 30.
2	NB 355 T	AG232743.573161.232848.573050.	0. 24 2
0	55	33 4.0 400 29.1 1723 2 3	
1	NB 355 all	AG232859.573027.233383.572474.	425 2.7 0. 44. 30.
0	NB 355 dp	AG231946.573866.232196.573672.	800 2.7 0. 44. 30.
0	NB 355 dp	AG232196.573672.232356.573526.	800 2.7 0. 44. 30.
0	NB 355 dp	AG232356.573526.232688.573220.	800 2.7 0. 44. 30.
0	SB 355 L	AG232678.573206.232518.573359.	325 2.7 0. 32. 30.
2	SB 355 L	AG232626.573256.232544.573334.	0. 12 1
55	19	4.0 325 29.1 434 2 3	
0	SB 355 T	AG232671.573190.232507.573349.	225 2.7 0. 44. 30.
2	SB 355 T	AG232619.573240.232524.573333.	0. 24 2
55	25	4.0 225 29.1 1723 2 3	
1	SB 355 all	AG232509.573359.232286.573567.	650 2.7 0. 56. 30.
0	SB 355 all	AG232286.573567.232173.573674.	650 2.7 0. 44. 30.
0	SB 355 all	AG232173.573674.231934.573855.	650 2.7 0. 44. 30.
0	SB 355 dp	AG233374.572465.233050.572802.	275 2.7 0. 44. 30.
1	SB 355 dp	AG233050.572802.232681.573181.	275 2.7 0. 44. 30.
0	1.0 0.4 1000. 0.0Y 5 0 72		

JOB: S20 B130PM 121 AND 355
DATE: 12/22/2006 TIME: 22:33:57.05

RUN: S20 B130PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	300.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232627.6	573061.1	*	71.	201. AG	47.	100.0	.0	12.0	.85 3.6
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232664.5	573116.2	*	4.	202. AG	128.	100.0	.0	36.0	.04 .2
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	375.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	400.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	400.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	400.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232705.4	573268.8	*	6.	23. AG	65.	100.0	.0	12.0	.25 .3
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	150.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232905.1	573770.0	*	540.	23. AG	136.	100.0	.0	24.0	2.68 27.4
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	175.	2.7	.0	56.0	
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	175.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	150.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232745.9	573139.9	*	4.	136. AG	44.	100.0	.0	12.0	.07 .2
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	400.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232767.8	573134.8	*	36.	137. AG	94.	100.0	.0	24.0	.40 1.8
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	425.	2.7	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	800.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	800.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	800.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	325.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	231904.6	573942.0	*	996.	314. AG	27.	100.0	.0	12.0	1.38 50.6
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	225.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232608.1	573250.7	*	15.	314. AG	71.	100.0	.0	24.0	.15 .8
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	650.	2.7	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	650.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	650.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	275.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	275.	2.7	.0	44.0	

JOB: S20 B130PM 121 AND 355
DATE: 12/22/2006 TIME: 22:33:57.05

RUN: S20 B130PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 55	33	4.0	300	1208	29.10	2	3
4.	EB 121 T	* 55	30	4.0	75	1707	29.10	2	3
10.	WB 121 L	* 55	46	4.0	25	1863	29.10	2	3
12.	WB 121 T&R*	55	48	4.0	150	1548	29.10	2	3
17. 0	NB 355 L	* 55	31	4.0	25	1130	29.10	2	3
19. 0	NB 355 T	* 55	33	4.0	400	1723	29.10	2	3
25.	SB 355 L	* 55	19	4.0	325	434	29.10	2	3
27.	SB 355 T	* 55	25	4.0	225	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B130PM 121 AND 355

RUN: S20 B130PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.1	.2	.4	.0	.0	.4	.1	.2	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
5.	.0	.1	.1	.4	.0	.0	.4	.1	.2	.4	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0
10.	.0	.0	.1	.4	.0	.0	.4	.2	.4	.5	.2	.0	.0	.0	.3	.0	.0	.0	.0	.1
15.	.0	.0	.1	.4	.0	.0	.3	.3	.5	.7	.3	.0	.0	.0	.3	.0	.0	.0	.0	.1
20.	.0	.0	.1	.3	.0	.0	.3	.4	.7	.9	.4	.0	.0	.0	.2	.0	.0	.0	.0	.1
25.	.0	.0	.0	.1	.0	.0	.1	.5	.8	1.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.1
30.	.0	.0	.0	.1	.0	.0	.1	.6	.9	1.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1
35.	.0	.0	.0	.0	.0	.0	.0	.6	.9	1.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.0	.0	.7	.9	1.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.9	.6	.0	.0	.0	.2	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.6	.8	.8	.6	.0	.0	.0	.2	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.8	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.6	.7	.7	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.7	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.6	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.0	.0	.1	.4	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.0	.0	.2	.4	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.0	.0	.2	.4	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.3	.0	.0	.2	.3	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
125.	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
130.	.1	.0	.0	.0	.0	.0	.0	.5	.5	.5	.1	.0	.0	.2	.3	.0	.0	.0	.0	.0
135.	.1	.0	.1	.0	.0	.0	.0	.5	.5	.5	.1	.0	.0	.4	.1	.0	.0	.0	.0	.0
140.	.1	.0	.1	.1	.0	.0	.0	.5	.5	.5	.1	.0	.0	.4	.1	.0	.0	.0	.0	.0
145.	.1	.0	.1	.2	.0	.0	.0	.5	.5	.6	.1	.0	.0	.3	.1	.0	.0	.0	.0	.0
150.	.1	.0	.2	.2	.0	.0	.0	.5	.6	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
155.	.1	.0	.2	.2	.0	.0	.0	.5	.6	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
160.	.1	.0	.2	.2	.0	.0	.0	.6	.6	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
165.	.1	.0	.2	.2	.0	.0	.0	.6	.7	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
170.	.1	.0	.2	.1	.0	.0	.0	.6	.7	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
175.	.0	.0	.1	.1	.0	.0	.0	.7	.7	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
180.	.0	.0	.1	.0	.0	.0	.0	.7	.8	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
185.	.0	.0	.1	.0	.0	.0	.0	.8	.8	.8	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
190.	.0	.0	.1	.0	.0	.0	.1	.8	.8	.8	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
195.	.0	.0	.2	.0	.0	.0	.1	.7	.8	.8	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
200.	.0	.0	.2	.0	.0	.0	.2	.6	.7	.7	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
205.	.0	.0	.2	.0	.0	.0	.2	.5	.6	.7	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0

1

JOB: S20 B130PM 121 AND 355

RUN: S20 B130PM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.2	.0	.0	.0	.3	.4	.5	.5	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
215.	.0	.0	.3	.0	.0	.0	.4	.3	.3	.4	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
220.	.0	.0	.3	.0	.0	.0	.4	.2	.2	.3	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
225.	.0	.0	.3	.0	.0	.0	.4	.1	.2	.2	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
230.	.0	.0	.3	.0	.0	.0	.4	.1	.1	.2	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
235.	.0	.0	.3	.0	.0	.0	.4	.0	.1	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
240.	.0	.0	.3	.0	.0	.0	.4	.0	.1	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
245.	.0	.0	.3	.0	.0	.0	.4	.0	.1	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
250.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
255.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
260.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
265.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
270.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
275.	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
280.	.1	.0	.3	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
285.	.1	.1	.4	.1	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
290.	.1	.1	.4	.1	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
295.	.1	.1	.4	.1	.0	.0	.3	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
300.	.1	.1	.4	.1	.0	.0	.3	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
305.	.1	.2	.3	.1	.0	.0	.3	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
310.	.1	.2	.3	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
315.	.1	.2	.3	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
320.	.1	.1	.1	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
325.	.1	.2	.2	.1	.0	.0	.3	.0	.0	.1	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
330.	.0	.1	.2	.1	.0	.0	.3	.0	.0	.1	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
335.	.1	.1	.1	.1	.0	.0	.3	.0	.0	.1	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
340.	.1	.1	.1	.2	.0	.0	.3	.0	.1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
345.	.1	.1	.1	.3	.0	.0	.4	.0	.1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
350.	.0	.1	.2	.3	.0	.0	.5	.0	.1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
355.	.0	.1	.2	.4	.0	.0	.5	.0	.1	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
360.	.0	.1	.2	.4	.0	.0	.4	.1	.2	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
MAX	.1	.2	.4	.4	.0	.0	.5	.8	.9	1.0	.6	.0	.0	.4	.4	.0	.0	.0	.0	.1
DEGR	125	305	285	0	0	0	350	185	30	25	30	0	0	135	75	0	0	0	0	10

1

JOB: S20 B130PM 121 AND 355

RUN: S20 B130PM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.2	.2	.0	.0	.0
5.	*	.0	.0	.1	.2	.2	.0	.0	.0
10.	*	.0	.0	.1	.1	.2	.0	.0	.0
15.	*	.0	.1	.1	.1	.2	.0	.0	.0
20.	*	.1	.1	.1	.1	.2	.0	.0	.0
25.	*	.1	.0	.1	.1	.1	.0	.0	.0
30.	*	.1	.0	.1	.1	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.1	.0	.0	.0
70.	*	.0	.0	.0	.0	.1	.0	.0	.0
75.	*	.0	.0	.0	.0	.1	.0	.0	.0
80.	*	.0	.0	.0	.0	.1	.0	.0	.0
85.	*	.0	.0	.0	.0	.1	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.1	.0	.0	.0	.0	.0	.0

1

JOB: S20 B130PM 121 AND 355

RUN: S20 B130PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.1	.0	.0	.0	.0	.0	.0
215.	*	.0	.1	.0	.0	.0	.0	.0	.0
220.	*	.0	.1	.0	.0	.0	.0	.0	.0
225.	*	.0	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.1	.0	.0	.0
240.	*	.0	.0	.0	.0	.1	.0	.0	.0
245.	*	.0	.0	.0	.0	.1	.0	.0	.0
250.	*	.0	.0	.0	.0	.1	.0	.0	.0
255.	*	.0	.0	.0	.0	.1	.0	.0	.0
260.	*	.0	.0	.0	.0	.1	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.1	.0	.0	.0	.0
320.	*	.0	.0	.0	.1	.0	.0	.0	.0
325.	*	.0	.0	.0	.1	.0	.0	.0	.0
330.	*	.0	.0	.0	.1	.0	.0	.0	.0
335.	*	.0	.0	.0	.1	.0	.0	.0	.0
340.	*	.0	.0	.0	.1	.0	.0	.0	.0
345.	*	.0	.0	.0	.1	.0	.0	.0	.0
350.	*	.0	.0	.0	.1	.1	.0	.0	.0
355.	*	.0	.0	.0	.1	.1	.0	.0	.0
360.	*	.0	.0	.0	.2	.2	.0	.0	.0
MAX	*	.1	.1	.1	.2	.2	.0	.0	.0
DEGR.	*	20	15	5	0	0	0	0	0

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 25 DEGREES FROM REC10.
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 30 DEGREES FROM REC9 .
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 185 DEGREES FROM REC8 .

1

JOB: S20 B130PM 121 AND 355

RUN: S20 B130PM 121 AND 355

PAGE 7

DATE: 12/22/2006 TIME: 22:33:57.05

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		REC1	REC2	REC3																	
		125	305	285	0	0	0	350	185	30	25	30	0	0	135	75	0	0	0	0	10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.3	.0	.0	.4	.8	.9	1.0	.6	.0	.0	.0	.1	.0	.0	.0	.0	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B130PM 121 AND 355
DATE: 12/22/2006 TIME: 22:33:57.05

RUN: S20 B130PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)			REC24	REC25	REC26	REC27	REC28
		REC21	REC22	REC23					
		20	15	5	0	0	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.1	.1	.1	.1	.2	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B230A.DAT

S20	B230AM	121 AND 355	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20	B230AM	121 AND 355	32	1	1

1	EB 121 L	AG232685.573209.232583.572946.	75	2.7	0.32.	30.
2	EB 121 L	AG232653.573127.232603.572997.	0.	12	1	
45	25	4.0 75 29.1 995 2 3				
1	EB 121 T	AG232698.573203.232598.572942.	50	2.7	0.56.	30.
2	EB 121 T	AG232666.573120.232608.572973.	0.	36	3	
45	28	4.0 50 29.1 1707 2 3				
1	EB 121 all	AG232590.572941.232302.572261.	125	2.7	0.56.	30.
1	EB 121 dp	AG233065.574110.232953.573860.	225	2.7	0.44.	30.
0	EB 121 dp	AG232953.573860.232834.573560.	225	2.7	0.44.	30.
0	EB 121 dp	AG232834.573560.232701.573203.	225	2.7	0.44.	30.
0	WB 121 L	AG232687.573224.232789.573468.	25	2.7	0.32.	30.
2	WB 121 L	AG232703.573263.232764.573408.	0.	12	1	
45	31	4.0 25 29.1 1376 2 3				
1	WB 121 T&R	AG232676.573229.232780.573474.	325	2.7	0.44.	30.
2	WB 121 T&R	AG232694.573273.232759.573426.	0.	24	2	
45	31	4.0 325 29.1 1545 2 3				
1	WB 121 all	AG232786.573476.232908.573790.	350	2.7	0.56.	30.
0	WB 121 all	AG232908.573790.233047.574120.	350	2.7	0.56.	30.
0	WB 121 dp	AG232289.572272.232671.573220.	425	2.7	0.56.	30.
0	NB 355 L	AG232689.573200.232850.573031.	25	2.7	0.32.	30.
2	NB 355 L	AG232743.573143.232831.573051.	0.	12	1	
0	45	29 4.0 25 29.1 1024 2 3				
1	NB 355 T	AG232691.573218.232863.573034.	175	2.7	0.44.	30.
2	NB 355 T	AG232743.573161.232848.573050.	0.	24	2	
0	45	30 4.0 175 29.1 1723 2 3				
1	NB 355 all	AG232859.573027.233383.572474.	200	2.7	0.44.	30.
0	NB 355 dp	AG231946.573866.232196.573672.	500	2.7	0.44.	30.
0	NB 355 dp	AG232196.573672.232356.573526.	500	2.7	0.44.	30.
0	NB 355 dp	AG232356.573526.232688.573220.	500	2.7	0.44.	30.
0	SB 355 L	AG232678.573206.232518.573359.	175	2.7	0.32.	30.
2	SB 355 L	AG232626.573256.232544.573334.	0.	12	1	
45	21	4.0 175 29.1 891 2 3				
1	SB 355 T	AG232671.573190.232507.573349.	675	2.7	0.44.	30.
0	2	SB 355 T	AG232619.573240.232524.573333.	0.	24	2
45	25	4.0 675 29.1 1723 2 3				
1	SB 355 all	AG232509.573359.232286.573567.	850	2.7	0.56.	30.
0	SB 355 all	AG232286.573567.232173.573674.	850	2.7	0.44.	30.
0	SB 355 all	AG232173.573674.231934.573855.	850	2.7	0.44.	30.
0	SB 355 dp	AG233374.572465.233050.572802.	375	2.7	0.44.	30.
1	SB 355 dp	AG233050.572802.232681.573181.	375	2.7	0.44.	30.
0	1.0	0.4 1000. 0.0Y 5 0 72				

JOB: S20 B230AM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:14.10

RUN: S20 B230AM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	75.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232649.3	573117.4	*	10.	201. AG	43.	100.0	.0	12.0	.24
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	50.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232665.1	573117.8	*	2.	201. AG	146.	100.0	.0	36.0	.04
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	125.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	225.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	225.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	225.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232704.6	573266.9	*	4.	23. AG	54.	100.0	.0	12.0	.10
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	325.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232704.7	573298.3	*	27.	23. AG	108.	100.0	.0	24.0	.59
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	350.	2.7	.0	56.0	1.4
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	350.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	425.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232745.8	573140.1	*	4.	136. AG	50.	100.0	.0	12.0	.11
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	175.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232752.8	573150.6	*	14.	137. AG	104.	100.0	.0	24.0	.25
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	200.	2.7	.0	44.0	.7
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	500.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	500.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	500.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	175.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	232611.4	573269.9	*	20.	314. AG	36.	100.0	.0	12.0	.49
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	675.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232586.1	573272.2	*	46.	314. AG	87.	100.0	.0	24.0	.63
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	850.	2.7	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	850.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	850.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	375.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	375.	2.7	.0	44.0	

JOB: S20 B230AM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:14.10

RUN: S20 B230AM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 45	25	4.0	75	995	29.10	2	3
4.	EB 121 T	* 45	28	4.0	50	1707	29.10	2	3
10.	WB 121 L	* 45	31	4.0	25	1376	29.10	2	3
12.	WB 121 T&R*	45	31	4.0	325	1545	29.10	2	3
17. 0	NB 355 L	* 45	29	4.0	25	1024	29.10	2	3
19. 0	NB 355 T	* 45	30	4.0	175	1723	29.10	2	3
25.	SB 355 L	* 45	21	4.0	175	891	29.10	2	3
27.	SB 355 T	* 45	25	4.0	675	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B230AM 121 AND 355

RUN: S20 B230AM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
170.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
175.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
180.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
185.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1
190.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
195.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
200.	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
205.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1

1

JOB: S20 B230AM 121 AND 355

RUN: S20 B230AM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
215.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
265.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
270.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
295.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
300.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
305.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
310.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
315.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
320.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
330.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
MAX	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.3	.0	.0	.2	.2	.0	.0	.0	.0	.1
DEGR.	0	0	255	300	0	0	0	0	185	185	75	0	0	125	115	0	0	0	0	20

1

JOB: S20 B230AM 121 AND 355

RUN: S20 B230AM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0
15.	.1	.0	.0	.0	.0	.0	.0	.0
20.	.1	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.0	.0	.0	.0	.0	.0
30.	.1	.0	.0	.0	.0	.0	.0	.0
35.	.1	.0	.0	.0	.0	.0	.0	.0
40.	.1	.0	.0	.0	.0	.0	.0	.0
45.	.1	.0	.0	.0	.0	.0	.0	.0
50.	.1	.0	.0	.0	.1	.0	.0	.0
55.	.1	.0	.0	.0	.1	.0	.0	.0
60.	.0	.0	.0	.0	.1	.0	.0	.0
65.	.0	.0	.0	.0	.1	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.1	.0	.0	.0
120.	.0	.0	.0	.0	.1	.0	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0
165.	.1	.0	.0	.0	.0	.0	.0	.0
170.	.1	.0	.0	.0	.0	.0	.0	.0
175.	.1	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0
190.	.1	.0	.0	.0	.0	.0	.0	.0
195.	.1	.0	.0	.0	.0	.0	.0	.0
200.	.1	.0	.0	.0	.0	.0	.0	.0
205.	.1	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B230AM 121 AND 355

RUN: S20 B230AM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
210.	.1	.0	.0	.0	.0	.0	.0	.0
215.	.0	.0	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.0	.0	.0	.1	.0	.0	.0
DEGR.	15	0	0	0	50	0	0	0

THE HIGHEST CONCENTRATION IS .30 PPM AT 75 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 125 DEGREES FROM REC14.
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 115 DEGREES FROM REC15.

1

JOB: S20 B230AM 121 AND 355

DATE: 12/27/2006 TIME: 11:45:14.10

RUN: S20 B230AM 121 AND 355

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	255	300	0	0	0	0	185	185	75	0	0	125	115	0	0	0	0	20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 B230AM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:14.10

RUN: S20 B230AM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		15	0	0	0	50	0	0	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.1	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

S20B230P.DAT

S20	B230PM	121 AND 355	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	232990.	572904.	5.
REC 2	164'	SE CORNER	232836.	573081.	5.
REC 3	82'	SE CORNER	232773.	573149.	5.
REC 4		SE CORNER	232725.	573214.	5.
REC 5	82'	ES CORNER	185274.	425821.	5.
REC 6	164'	ES CORNER	185299.	425885.	5.
REC 7	400'	ES CORNER	232863.	573582.	5.
REC 8	400'	EN CORNER	232828.	573629.	5.
REC 9	164'	EN CORNER	232751.	573439.	5.
REC 10	164'	EN CORNE	232722.	573364.	5.
REC 11		NE CORNER	232676.	573284.	5.
REC 12	82'	NE CORNER	185133.	425842.	5.
REC 13	164'	NE CORNE	185066.	425896.	5.
REC 14	400'	NE CORNE	232368.	573528.	5.
REC 15	400'	NW CORNE	232334.	573496.	5.
REC 16	164'	NW CORNE	185049.	425806.	5.
REC 17	82'	NW CORNER	185102.	425754.	5.
REC 18		NW CORNER	185151.	425699.	5.
REC 19	82'	WN CORNER	185123.	425598.	5.
REC 20	164'	WN CORNE	232570.	573019.	5.
REC 21	400'	WN CORNE	232481.	572802.	5.
REC 22	400'	WS CORNE	232535.	572750.	5.
REC 23	164'	WS CORNE	232627.	572962.	5.
REC 24	82'	WS CORNER	232648.	573042.	5.
REC 25		SW CORNER	232700.	573126.	5.
REC 26	82'	SW CORNER	185311.	425571.	5.
REC 27	164'	SW CORNE	185367.	425514.	5.
REC 28	400'	SW CORNE	185527.	425345.	5.

S20	B230PM	121 AND 355	32	1	1

1	EB 121 L	AG232685.573209.232583.572946.	250	2.7	0. 32. 30.	
2	EB 121 L	AG232653.573127.232603.572997.	0.	12	1	
55	31	4.0 250 29.1 1208 2 3				
1	EB 121 T	AG232698.573203.232598.572942.	75	2.7	0. 56. 30.	
2	EB 121 T	AG232666.573120.232608.572973.	0.	36	3	
55	35	4.0 75 29.1 1707 2 3				
1	EB 121 all	AG232590.572941.232302.572261.	325	2.7	0. 56. 30.	
1	EB 121 dp	AG233065.574110.232953.573860.	375	2.7	0. 44. 30.	
0	EB 121 dp	AG232953.573860.232834.573560.	375	2.7	0. 44. 30.	
0	EB 121 dp	AG232834.573560.232701.573203.	375	2.7	0. 44. 30.	
0	WB 121 L	AG232687.573224.232789.573468.	25	2.7	0. 32. 30.	
2	WB 121 L	AG232703.573263.232764.573408.	0.	12	1	
55	42	4.0 25 29.1 1341 2 3				
1	WB 121 T&R	AG232676.573229.232780.573474.	150	2.7	0. 44. 30.	
2	WB 121 T&R	AG232694.573273.232759.573426.	0.	24	2	
55	43	4.0 150 29.1 1548 2 3				
1	WB 121 all	AG232786.573476.232908.573790.	175	2.7	0. 56. 30.	
0	WB 121 all	AG232908.573790.233047.574120.	175	2.7	0. 56. 30.	
0	WB 121 dp	AG232289.572272.232671.573220.	125	2.7	0. 56. 30.	
0	NB 355 L	AG232689.573200.232850.573031.	25	2.7	0. 32. 30.	
2	NB 355 L	AG232743.573143.232831.573051.	0.	12	1	
0	55	37 4.0 25 29.1 1188 2 3				
1	NB 355 T	AG232691.573218.232863.573034.	325	2.7	0. 44. 30.	
2	NB 355 T	AG232743.573161.232848.573050.	0.	24	2	
0	55	38 4.0 325 29.1 1723 2 3				
1	NB 355 all	AG232859.573027.233383.572474.	350	2.7	0. 44. 30.	
0	NB 355 dp	AG231946.573866.232196.573672.	675	2.7	0. 44. 30.	
0	NB 355 dp	AG232196.573672.232356.573526.	675	2.7	0. 44. 30.	
0	NB 355 dp	AG232356.573526.232688.573220.	675	2.7	0. 44. 30.	
0	SB 355 L	AG232678.573206.232518.573359.	300	2.7	0. 32. 30.	
2	SB 355 L	AG232626.573256.232544.573334.	0.	12	1	
55	24	4.0 300 29.1 452 2 3				
1	SB 355 T	AG232671.573190.232507.573349.	225	2.7	0. 44. 30.	
0	2	SB 355 T	AG232619.573240.232524.573333.	0.	24	2
55	29	4.0 225 29.1 1723 2 3				
1	SB 355 all	AG232509.573359.232286.573567.	550	2.7	0. 56. 30.	
0	SB 355 all	AG232286.573567.232173.573674.	550	2.7	0. 44. 30.	
0	SB 355 all	AG232173.573674.231934.573855.	550	2.7	0. 44. 30.	
0	SB 355 dp	AG233374.572465.233050.572802.	225	2.7	0. 44. 30.	
1	SB 355 dp	AG233050.572802.232681.573181.	225	2.7	0. 44. 30.	
0	1.0	0.4 1000. 0.0Y 5 0 72				

JOB: S20 B230PM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:29.53

RUN: S20 B230PM 121 AND 355

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	EB 121 L	* 232685.0	573209.0	232583.0	572946.0	*	282.	201. AG	250.	2.7	.0	32.0	
2.	EB 121 L	* 232653.0	573127.0	232637.8	573087.4	*	42.	201. AG	44.	100.0	.0	12.0	.63 2.2
3.	EB 121 T	* 232698.0	573203.0	232598.0	572942.0	*	280.	201. AG	75.	2.7	.0	56.0	
4.	EB 121 T	* 232666.0	573120.0	232664.2	573115.6	*	5.	202. AG	149.	100.0	.0	36.0	.06 .2
5.	EB 121 all*	232590.0	572941.0	232302.0	572261.0	*	738.	203. AG	325.	2.7	.0	56.0	
6.	EB 121 dp	* 233065.0	574110.0	232953.0	573860.0	*	274.	204. AG	375.	2.7	.0	44.0	
7. 0	EB 121 dp	* 232953.0	573860.0	232834.0	573560.0	*	323.	202. AG	375.	2.7	.0	44.0	
8. 0	EB 121 dp	* 232834.0	573560.0	232701.0	573203.0	*	381.	200. AG	375.	2.7	.0	44.0	
9. 0	WB 121 L	* 232687.0	573224.0	232789.0	573468.0	*	264.	23. AG	25.	2.7	.0	32.0	
10.	WB 121 L	* 232703.0	573263.0	232705.2	573268.3	*	6.	23. AG	60.	100.0	.0	12.0	.15 .3
11.	WB 121 T&R*	232676.0	573229.0	232780.0	573474.0	*	266.	23. AG	150.	2.7	.0	44.0	
12.	WB 121 T&R*	232694.0	573273.0	232700.9	573289.3	*	18.	23. AG	122.	100.0	.0	24.0	.45 .9
13.	WB 121 all*	232786.0	573476.0	232908.0	573790.0	*	337.	21. AG	175.	2.7	.0	56.0	
14. 0	WB 121 all*	232908.0	573790.0	233047.0	574120.0	*	358.	23. AG	175.	2.7	.0	56.0	
15. 0	WB 121 dp	* 232289.0	572272.0	232671.0	573220.0	*	1022.	22. AG	125.	2.7	.0	56.0	
16.	NB 355 L	* 232689.0	573200.0	232850.0	573031.0	*	233.	136. AG	25.	2.7	.0	32.0	
17. 0	NB 355 L	* 232743.0	573143.0	232746.5	573139.4	*	5.	136. AG	53.	100.0	.0	12.0	.10 .3
18.	NB 355 T	* 232691.0	573218.0	232863.0	573034.0	*	252.	137. AG	325.	2.7	.0	44.0	
19. 0	NB 355 T	* 232743.0	573161.0	232766.1	573136.5	*	34.	137. AG	108.	100.0	.0	24.0	.47 1.7
20.	NB 355 all*	232859.0	573027.0	233383.0	572474.0	*	762.	137. AG	350.	2.7	.0	44.0	
21. 0	NB 355 dp	* 231946.0	573866.0	232196.0	573672.0	*	316.	128. AG	675.	2.7	.0	44.0	
22. 0	NB 355 dp	* 232196.0	573672.0	232356.0	573526.0	*	217.	132. AG	675.	2.7	.0	44.0	
23. 0	NB 355 dp	* 232356.0	573526.0	232688.0	573220.0	*	452.	133. AG	675.	2.7	.0	44.0	
24. 0	SB 355 L	* 232678.0	573206.0	232518.0	573359.0	*	221.	314. AG	300.	2.7	.0	32.0	
25.	SB 355 L	* 232626.0	573256.0	231858.7	573985.7	*	1059.	314. AG	34.	100.0	.0	12.0	1.46 53.8
26. 0	SB 355 T	* 232671.0	573190.0	232507.0	573349.0	*	228.	314. AG	225.	2.7	.0	44.0	
27.	SB 355 T	* 232619.0	573240.0	232606.3	573252.4	*	18.	314. AG	82.	100.0	.0	24.0	.18 .9
28. 0	SB 355 all*	232509.0	573359.0	232286.0	573567.0	*	305.	313. AG	550.	2.7	.0	56.0	
29. 0	SB 355 all*	232286.0	573567.0	232173.0	573674.0	*	156.	313. AG	550.	2.7	.0	44.0	
30. 0	SB 355 all*	232173.0	573674.0	231934.0	573855.0	*	300.	307. AG	550.	2.7	.0	44.0	
31.	SB 355 dp	* 233374.0	572465.0	233050.0	572802.0	*	467.	316. AG	225.	2.7	.0	44.0	
32. 0	SB 355 dp	* 233050.0	572802.0	232681.0	573181.0	*	529.	316. AG	225.	2.7	.0	44.0	

JOB: S20 B230PM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:29.53

RUN: S20 B230PM 121 AND 355

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	EB 121 L	* 55	31	4.0	250	1208	29.10	2	3
4.	EB 121 T	* 55	35	4.0	75	1707	29.10	2	3
10.	WB 121 L	* 55	42	4.0	25	1341	29.10	2	3
12.	WB 121 T&R*	55	43	4.0	150	1548	29.10	2	3
17. 0	NB 355 L	* 55	37	4.0	25	1188	29.10	2	3
19. 0	NB 355 T	* 55	38	4.0	325	1723	29.10	2	3
25.	SB 355 L	* 55	24	4.0	300	452	29.10	2	3
27.	SB 355 T	* 55	29	4.0	225	1723	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	232990.0	572904.0	5.0	*
2. REC 2 164' SE CORNER	*	232836.0	573081.0	5.0	*
3. REC 3 82' SE CORNER	*	232773.0	573149.0	5.0	*
4. REC 4 SE CORNER	*	232725.0	573214.0	5.0	*
5. REC 5 82' ES CORNER	*	185274.0	425821.0	5.0	*
6. REC 6 164' ES CORNER	*	185299.0	425885.0	5.0	*
7. REC 7 400' ES CORNER	*	232863.0	573582.0	5.0	*
8. REC 8 400' EN CORNER	*	232828.0	573629.0	5.0	*
9. REC 9 164' EN CORNER	*	232751.0	573439.0	5.0	*
10. REC 10 164' EN CORNE	*	232722.0	573364.0	5.0	*
11. REC 11 NE CORNER	*	232676.0	573284.0	5.0	*
12. REC 12 82' NE CORNER	*	185133.0	425842.0	5.0	*
13. REC 13 164' NE CORNE	*	185066.0	425896.0	5.0	*
14. REC 14 400' NE CORNE	*	232368.0	573528.0	5.0	*
15. REC 15 400' NW CORNE	*	232334.0	573496.0	5.0	*
16. REC 16 164' NW CORNE	*	185049.0	425806.0	5.0	*
17. REC 17 82' NW CORNER	*	185102.0	425754.0	5.0	*
18. REC 18 NW CORNER	*	185151.0	425699.0	5.0	*
19. REC 19 82' WN CORNER	*	185123.0	425598.0	5.0	*
20. REC 20 164' WN CORNE	*	232570.0	573019.0	5.0	*
21. REC 21 400' WN CORNE	*	232481.0	572802.0	5.0	*
22. REC 22 400' WS CORNE	*	232535.0	572750.0	5.0	*
23. REC 23 164' WS CORNE	*	232627.0	572962.0	5.0	*
24. REC 24 82' WS CORNER	*	232648.0	573042.0	5.0	*
25. REC 25 SW CORNER	*	232700.0	573126.0	5.0	*
26. REC 26 82' SW CORNER	*	185311.0	425571.0	5.0	*
27. REC 27 164' SW CORNE	*	185367.0	425514.0	5.0	*
28. REC 28 400' SW CORNE	*	185527.0	425345.0	5.0	*

JOB: S20 B230PM 121 AND 355

RUN: S20 B230PM 121 AND 355

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
5.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.3	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.3	.0	.0	.0	.0	.0
130.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
135.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.0	.0	.0	.0	.0
140.	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.0	.0	.0	.0	.0
145.	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
150.	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
155.	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
160.	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
165.	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
170.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
175.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
180.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
185.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
190.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
195.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
200.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
205.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

1

JOB: S20 B230PM 121 AND 355

RUN: S20 B230PM 121 AND 355

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
215.	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
220.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
225.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
230.	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
235.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
240.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
245.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
250.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
255.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
260.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
265.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
270.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
275.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
280.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
285.	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
290.	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
295.	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
300.	.1	.1	.3	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
305.	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
310.	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
315.	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
320.	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
325.	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
330.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
335.	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
340.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
345.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
350.	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
355.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
360.	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
MAX	.1	.2	.4	.2	.0	.0	.1	.0	.0	.0	.3	.0	.0	.3	.3	.0	.0	.0	.0	.0
DEGR.	130	305	235	300	0	0	0	0	0	0	90	0	0	135	0	0	0	0	0	0

1

JOB: S20 B230PM 121 AND 355

RUN: S20 B230PM 121 AND 355

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.1	.0	.0	.0
50.	.0	.0	.0	.0	.1	.0	.0	.0
55.	.0	.0	.0	.0	.1	.0	.0	.0
60.	.0	.0	.0	.0	.1	.0	.0	.0
65.	.0	.0	.0	.0	.1	.0	.0	.0
70.	.0	.0	.0	.0	.1	.0	.0	.0
75.	.0	.0	.0	.0	.1	.0	.0	.0
80.	.0	.0	.0	.0	.1	.0	.0	.0
85.	.0	.0	.0	.0	.1	.0	.0	.0
90.	.0	.0	.0	.0	.1	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.0	.0	.0	.0
135.	.0	.0	.0	.0	.0	.0	.0	.0
140.	.0	.0	.0	.0	.0	.0	.0	.0
145.	.0	.0	.0	.0	.0	.0	.0	.0
150.	.0	.0	.0	.0	.0	.0	.0	.0
155.	.0	.0	.0	.0	.0	.0	.0	.0
160.	.0	.0	.0	.0	.0	.0	.0	.0
165.	.0	.0	.0	.0	.0	.0	.0	.0
170.	.0	.0	.0	.0	.0	.0	.0	.0
175.	.0	.0	.0	.0	.0	.0	.0	.0
180.	.0	.0	.0	.0	.0	.0	.0	.0
185.	.0	.0	.0	.0	.0	.0	.0	.0
190.	.0	.0	.0	.0	.0	.0	.0	.0
195.	.0	.0	.0	.0	.0	.0	.0	.0
200.	.0	.0	.0	.0	.0	.0	.0	.0
205.	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S20 B230PM 121 AND 355

RUN: S20 B230PM 121 AND 355

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
210.	.0	.1	.0	.0	.0	.0	.0	.0
215.	.0	.1	.0	.0	.0	.0	.0	.0
220.	.0	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.1	.0	.0	.0
255.	.0	.0	.0	.0	.1	.0	.0	.0
260.	.0	.0	.0	.0	.1	.0	.0	.0
265.	.0	.0	.0	.0	.1	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.0	.1	.0	.0	.1	.0	.0	.0
DEGR.	0	210	0	0	45	0	0	0

THE HIGHEST CONCENTRATION IS .40 PPM AT 235 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 90 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 135 DEGREES FROM REC14.

1

JOB: S20 B230PM 121 AND 355

RUN: S20 B230PM 121 AND 355

PAGE 7

DATE: 12/27/2006 TIME: 11:45:29.53

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 130	REC2 305	REC3 235	REC4 300	REC5 0	REC6 0	REC7 0	REC8 0	REC9 0	REC10 0	REC11 90	REC12 0	REC13 0	REC14 135	REC15 0	REC16 0	REC17 0	REC18 0	REC19 0	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S20 B230PM 121 AND 355
DATE: 12/27/2006 TIME: 11:45:29.53

RUN: S20 B230PM 121 AND 355

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 210	REC23 0	REC24 0	REC25 45	REC26 0	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.1	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0

Site 21 Little Bennett Regional Park

				S21EXA.dat			
I-270 SITE 21 L.BEN.PARK (S21EXA)		60.0175.0.0000.000	70.30480000	1	1		
1 ES NEAR PARK BLDGS	222122.	586103.	5.0				
2 PARK BLDGS & ROW	222290.	585656.	5.0				
3 PARK ROW	222498.	585388.	5.0				
4 PARK ROW	222565.	585361.	5.0				
5 PARK ROW	222172.	585607.	5.0				
6 POOL	222356.	585759.	5.0				
7 ROW	223117.	585084.	5.0				
S21 EX. AM LITTLE BEN. PK		14	1	1			
0 1	I-270 NB	AG223294.584480.223118.584748.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG223118.584748.222920.584955.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG222920.584955.222747.585101.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG222747.585101.222343.585352.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG222343.585352.222042.585531.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG222042.585531.221645.585851.	1982 3.9	0 44.	61		
0 1	I-270 NB	AG221645.585851.221380.586145.	1982 3.9	0 44.	61		
0 1	I-270 SB	AG221309.586101.221601.585786.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG221601.585786.221837.585562.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG221837.585562.222205.585281.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG222205.585281.222704.584927.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG222704.584927.222841.584797.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG222841.584797.223014.584599.	3205 3.8	0 44.	58		
0 1	I-270 SB	AG223014.584599.223134.584410.	3205 3.8	0 44.	58		
1.0 04 1000. 0.0Y	5	0 72					

1

PAGE 1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:21:32.65

RUN: S21 EX. AM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	I-270 NB	* 223294.0	584480.0	223118.0	584748.0	*	321.	327. AG	1982.	3.9	.0	44.0	
2. 0	I-270 NB	* 223118.0	584748.0	222920.0	584955.0	*	286.	316. AG	1982.	3.9	.0	44.0	
3. 0	I-270 NB	* 222920.0	584955.0	222747.0	585101.0	*	226.	310. AG	1982.	3.9	.0	44.0	
4. 0	I-270 NB	* 222747.0	585101.0	222343.0	585352.0	*	476.	302. AG	1982.	3.9	.0	44.0	
5. 0	I-270 NB	* 222343.0	585352.0	222042.0	585531.0	*	350.	301. AG	1982.	3.9	.0	44.0	
6. 0	I-270 NB	* 222042.0	585531.0	221645.0	585851.0	*	510.	309. AG	1982.	3.9	.0	44.0	
7. 0	I-270 NB	* 221645.0	585851.0	221380.0	586145.0	*	396.	318. AG	1982.	3.9	.0	44.0	
8. 0	I-270 SB	* 221380.0	586145.0	221601.0	585786.0	*	430.	137. AG	3205.	3.8	.0	44.0	
9. 0	I-270 SB	* 221601.0	585786.0	221837.0	585562.0	*	325.	134. AG	3205.	3.8	.0	44.0	
10. 0	I-270 SB	* 221837.0	585562.0	222205.0	585281.0	*	463.	127. AG	3205.	3.8	.0	44.0	
11. 0	I-270 SB	* 222205.0	585281.0	222704.0	584927.0	*	612.	125. AG	3205.	3.8	.0	44.0	
12. 0	I-270 SB	* 222704.0	584927.0	222841.0	584797.0	*	189.	133. AG	3205.	3.8	.0	44.0	
13. 0	I-270 SB	* 222841.0	584797.0	223014.0	584599.0	*	263.	139. AG	3205.	3.8	.0	44.0	
14. 0	I-270 SB	* 223014.0	584599.0	223134.0	584410.0	*	224.	148. AG	3205.	3.8	.0	44.0	

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:21:32.65

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	*	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.1	.0	.0
135.	*	.0	.0	.1	.0	.1	.0	.0
140.	*	.0	.0	.1	.0	.2	.0	.0
145.	*	.0	.1	.1	.1	.3	.0	.0
150.	*	.0	.1	.1	.1	.2	.0	.0
155.	*	.0	.2	.2	.1	.2	.0	.0
160.	*	.0	.2	.2	.1	.2	.0	.0
165.	*	.0	.1	.2	.2	.1	.0	.0

```

170. * .0 .1 .2 .2 .2 .1 .0
175. * .0 .1 .2 .2 .2 .1 .0
180. * .0 .2 .2 .2 .2 .1 .0
185. * .0 .2 .2 .2 .2 .1 .0
190. * .0 .1 .2 .2 .2 .0 .1
195. * .0 .1 .2 .2 .2 .0 .1
200. * .0 .2 .2 .2 .2 .0 .2
205. * .0 .2 .2 .2 .2 .0 .2

```

S21EXA.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .0 .2 .2 .2 .2 .1 .2
215. * .0 .2 .2 .2 .2 .1 .1
220. * .0 .2 .2 .2 .2 .1 .1
225. * .0 .2 .2 .2 .2 .1 .0
230. * .0 .2 .2 .2 .2 .1 .0
235. * .0 .1 .2 .2 .2 .1 .0
240. * .0 .1 .2 .2 .1 .0 .0
245. * .0 .1 .2 .2 .2 .0 .0
250. * .0 .1 .1 .2 .2 .0 .1
255. * .0 .0 .2 .2 .2 .0 .1
260. * .0 .1 .2 .2 .2 .0 .2
265. * .0 .1 .2 .2 .2 .0 .1
270. * .0 .2 .2 .2 .2 .0 .1
275. * .0 .1 .2 .2 .2 .0 .1
280. * .0 .1 .2 .2 .2 .0 .2
285. * .0 .0 .2 .2 .2 .0 .1
290. * .0 .0 .1 .1 .1 .0 .0
295. * .0 .0 .0 .0 .1 .0 .0
300. * .0 .0 .0 .0 .0 .0 .0
305. * .0 .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .0 .2 .2 .2 .3 .1 .2
DEGR. * 0 155 155 165 145 165 200

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 145 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 155 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 155 DEGREES FROM REC3 .

```

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:21:32.65

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 0 155 155 165 145 165 200
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .0 .0 .0 .0 .0
4 * .0 .1 .1 .1 .1 .0 .0
5 * .0 .0 .0 .0 .1 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0
11 * .0 .1 .1 .1 .1 .1 .0
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .1
14 * .0 .0 .0 .0 .0 .0 .0

```


				S21EXP.DAT			
I-270 SITE 21 L.BEN.PARK (S21EXP)		60.0175.0.0000.000	70.30480000	1	1		
1 ES NEAR PARK BLDGS	222122.	586103.	5.0				
2 PARK BLDGS & ROW	222290.	585656.	5.0				
3 PARK ROW	222498.	585388.	5.0				
4 PARK ROW	222565.	585361.	5.0				
5 PARK ROW	222172.	585607.	5.0				
6 POOL	222356.	585759.	5.0				
7 ROW	223117.	585084.	5.0				
S21 EX. PM LITTLE BEN. PK		14	1	1			
0 1	I-270 NB	AG223294.584480.223118.584748.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG223118.584748.222920.584955.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG222920.584955.222747.585101.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG222747.585101.222343.585352.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG222343.585352.222042.585531.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG222042.585531.221645.585851.	3819 3.5	0 44.	53		
0 1	I-270 NB	AG221645.585851.221380.586145.	3819 3.5	0 44.	53		
0 1	I-270 SB	AG221309.586101.221601.585786.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG221601.585786.221837.585562.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG221837.585562.222205.585281.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG222205.585281.222704.584927.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG222704.584927.222841.584797.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG222841.584797.223014.584599.	2279 3.9	0 44.	61		
0 1	I-270 SB	AG223014.584599.223134.584410.	2279 3.9	0 44.	61		
1.0 04 1000. 0.0Y	5	0 72					

1

PAGE 1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:20:53.16

RUN: S21 EX. AM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	I-270 NB	* 223294.0	584480.0	223118.0	584748.0	*	321.	327. AG	1982.	3.9	.0	44.0	
2. 0	I-270 NB	* 223118.0	584748.0	222920.0	584955.0	*	286.	316. AG	1982.	3.9	.0	44.0	
3. 0	I-270 NB	* 222920.0	584955.0	222747.0	585101.0	*	226.	310. AG	1982.	3.9	.0	44.0	
4. 0	I-270 NB	* 222747.0	585101.0	222343.0	585352.0	*	476.	302. AG	1982.	3.9	.0	44.0	
5. 0	I-270 NB	* 222343.0	585352.0	222042.0	585531.0	*	350.	301. AG	1982.	3.9	.0	44.0	
6. 0	I-270 NB	* 222042.0	585531.0	221645.0	585851.0	*	510.	309. AG	1982.	3.9	.0	44.0	
7. 0	I-270 NB	* 221645.0	585851.0	221380.0	586145.0	*	396.	318. AG	1982.	3.9	.0	44.0	
8. 0	I-270 SB	* 221380.0	586145.0	221601.0	585786.0	*	430.	137. AG	3205.	3.8	.0	44.0	
9. 0	I-270 SB	* 221601.0	585786.0	221837.0	585562.0	*	325.	134. AG	3205.	3.8	.0	44.0	
10. 0	I-270 SB	* 221837.0	585562.0	222205.0	585281.0	*	463.	127. AG	3205.	3.8	.0	44.0	
11. 0	I-270 SB	* 222205.0	585281.0	222704.0	584927.0	*	612.	125. AG	3205.	3.8	.0	44.0	
12. 0	I-270 SB	* 222704.0	584927.0	222841.0	584797.0	*	189.	133. AG	3205.	3.8	.0	44.0	
13. 0	I-270 SB	* 222841.0	584797.0	223014.0	584599.0	*	263.	139. AG	3205.	3.8	.0	44.0	
14. 0	I-270 SB	* 223014.0	584599.0	223134.0	584410.0	*	224.	148. AG	3205.	3.8	.0	44.0	

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:20:53.16

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	*	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.1	.0	.0
135.	*	.0	.0	.1	.0	.1	.0	.0
140.	*	.0	.0	.1	.0	.2	.0	.0
145.	*	.0	.1	.1	.1	.3	.0	.0
150.	*	.0	.1	.1	.1	.2	.0	.0
155.	*	.0	.2	.2	.1	.2	.0	.0
160.	*	.0	.2	.2	.1	.2	.0	.0
165.	*	.0	.1	.2	.2	.1	.0	.0

```

170. * .0 .1 .2 .2 .2 .1 .0
175. * .0 .1 .2 .2 .2 .1 .0
180. * .0 .2 .2 .2 .2 .1 .0
185. * .0 .2 .2 .2 .2 .1 .0
190. * .0 .1 .2 .2 .2 .0 .1
195. * .0 .1 .2 .2 .2 .0 .1
200. * .0 .2 .2 .2 .2 .0 .2
205. * .0 .2 .2 .2 .2 .0 .2

```

S21EXP.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .0 .2 .2 .2 .2 .1 .2
215. * .0 .2 .2 .2 .2 .1 .1
220. * .0 .2 .2 .2 .2 .1 .1
225. * .0 .2 .2 .2 .2 .1 .0
230. * .0 .2 .2 .2 .2 .1 .0
235. * .0 .1 .2 .2 .2 .1 .0
240. * .0 .1 .2 .2 .1 .0 .0
245. * .0 .1 .2 .2 .2 .0 .0
250. * .0 .1 .1 .2 .2 .0 .1
255. * .0 .0 .2 .2 .2 .0 .1
260. * .0 .1 .2 .2 .2 .0 .2
265. * .0 .1 .2 .2 .2 .0 .1
270. * .0 .2 .2 .2 .2 .0 .1
275. * .0 .1 .2 .2 .2 .0 .1
280. * .0 .1 .2 .2 .2 .0 .2
285. * .0 .0 .2 .2 .2 .0 .1
290. * .0 .0 .1 .1 .1 .0 .0
295. * .0 .0 .0 .0 .1 .0 .0
300. * .0 .0 .0 .0 .0 .0 .0
305. * .0 .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .0 .2 .2 .2 .3 .1 .2
DEGR. * 0 155 155 165 145 165 200

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 145 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 155 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 155 DEGREES FROM REC3 .

```

1

JOB: I-270 SITE 21 L.BEN.PARK (S21EXA)
DATE: 12/14/2006 TIME: 13:20:53.16

RUN: S21 EX. AM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 0 155 155 165 145 165 200
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .0 .0 .0 .0 .0
4 * .0 .1 .1 .1 .1 .0 .0
5 * .0 .0 .0 .0 .1 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0
11 * .0 .1 .1 .1 .1 .1 .0
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .1
14 * .0 .0 .0 .0 .0 .0 .0

```

			S21NB15A.DAT			
I-270 SITE 21 L.BEN.PARK (NB15AM)	60.0175.0.0000.000	70.30480000	1	1		
1 ES NEAR PARK BLDGS	222122.	586103.	5.0			
2 PARK BLDGS & ROW	222290.	585656.	5.0			
3 PARK ROW	222498.	585388.	5.0			
4 PARK ROW	222565.	585361.	5.0			
5 PARK ROW	222172.	585607.	5.0			
6 POOL	222356.	585759.	5.0			
7 ROW	223117.	585084.	5.0			
S21 NB15 AM LITTLE BEN. PK	14	1	1			
0 1	I-270 NB	AG223294.584480.223118.584748.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG223118.584748.222920.584955.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG222920.584955.222747.585101.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG222747.585101.222343.585352.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG222343.585352.222042.585531.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG222042.585531.221645.585851.	1675 4.6	0 44.	63	
0 1	I-270 NB	AG221645.585851.221380.586145.	1675 4.6	0 44.	63	
0 1	I-270 SB	AG221309.586101.221601.585786.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG221601.585786.221837.585562.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG221837.585562.222205.585281.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG222205.585281.222704.584927.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG222704.584927.222841.584797.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG222841.584797.223014.584599.	4000 4.3	0 44.	59	
0 1	I-270 SB	AG223014.584599.223134.584410.	4000 4.3	0 44.	59	
1.0 04 1000. 0.0Y 5 0 72						

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15AM)
DATE: 01/12/2007 TIME: 11:28:57.09

RUN: S21 NB15 AM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	I-270 NB	* 223294.0	584480.0	223118.0	584748.0	*	321.	327. AG	1675.	4.6	.0	44.0	
2. 0	I-270 NB	* 223118.0	584748.0	222920.0	584955.0	*	286.	316. AG	1675.	4.6	.0	44.0	
3. 0	I-270 NB	* 222920.0	584955.0	222747.0	585101.0	*	226.	310. AG	1675.	4.6	.0	44.0	
4. 0	I-270 NB	* 222747.0	585101.0	222343.0	585352.0	*	476.	302. AG	1675.	4.6	.0	44.0	
5. 0	I-270 NB	* 222343.0	585352.0	222042.0	585531.0	*	350.	301. AG	1675.	4.6	.0	44.0	
6. 0	I-270 NB	* 222042.0	585531.0	221645.0	585851.0	*	510.	309. AG	1675.	4.6	.0	44.0	
7. 0	I-270 NB	* 221645.0	585851.0	221380.0	586145.0	*	396.	318. AG	1675.	4.6	.0	44.0	
8. 0	I-270 SB	* 221380.0	586145.0	221601.0	585786.0	*	430.	137. AG	4000.	4.3	.0	44.0	
9. 0	I-270 SB	* 221601.0	585786.0	221837.0	585562.0	*	325.	134. AG	4000.	4.3	.0	44.0	
10. 0	I-270 SB	* 221837.0	585562.0	222205.0	585281.0	*	463.	127. AG	4000.	4.3	.0	44.0	
11. 0	I-270 SB	* 222205.0	585281.0	222704.0	584927.0	*	612.	125. AG	4000.	4.3	.0	44.0	
12. 0	I-270 SB	* 222704.0	584927.0	222841.0	584797.0	*	189.	133. AG	4000.	4.3	.0	44.0	
13. 0	I-270 SB	* 222841.0	584797.0	223014.0	584599.0	*	263.	139. AG	4000.	4.3	.0	44.0	
14. 0	I-270 SB	* 223014.0	584599.0	223134.0	584410.0	*	224.	148. AG	4000.	4.3	.0	44.0	

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15AM)
DATE: 01/12/2007 TIME: 11:28:57.09

RUN: S21 NB15 AM LITTLE BEN. PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15AM)

RUN: S21 NB15 AM LITTLE BEN. PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	* .0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.1	.0	.0
135.	* .0	.0	.1	.0	.1	.0	.0
140.	* .0	.0	.1	.0	.2	.0	.0
145.	* .0	.1	.1	.1	.3	.0	.0
150.	* .0	.2	.1	.1	.2	.0	.0
155.	* .0	.2	.2	.1	.2	.0	.0
160.	* .1	.2	.2	.2	.2	.1	.0
165.	* .1	.1	.2	.2	.2	.1	.0

```

170. * .0 .1 .2 .2 .3 .1 .0
175. * .0 .1 .2 .2 .3 .1 .0
180. * .1 .1 .2 .2 .2 .1 .0
185. * .1 .2 .2 .2 .2 .1 .1
190. * .1 .2 .2 .2 .2 .1 .1
195. * .1 .2 .2 .2 .2 .0 .2
200. * .1 .2 .2 .2 .2 .0 .2
205. * .0 .2 .2 .2 .2 .1 .2

```

S21NB15A.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15AM)

RUN: S21 NB15 AM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .0 .2 .2 .2 .2 .1 .2
215. * .1 .2 .2 .2 .2 .1 .2
220. * .1 .2 .2 .2 .2 .1 .2
225. * .1 .2 .2 .2 .2 .1 .0
230. * .1 .2 .2 .2 .2 .1 .1
235. * .0 .1 .2 .2 .2 .1 .1
240. * .0 .1 .2 .2 .1 .1 .1
245. * .0 .1 .2 .2 .2 .1 .1
250. * .1 .1 .3 .2 .2 .0 .2
255. * .1 .1 .2 .3 .2 .1 .2
260. * .1 .2 .2 .3 .3 .1 .2
265. * .1 .2 .2 .2 .3 .1 .1
270. * .0 .2 .2 .2 .2 .0 .1
275. * .0 .2 .2 .2 .2 .0 .1
280. * .0 .2 .2 .2 .2 .0 .2
285. * .0 .1 .2 .2 .2 .0 .2
290. * .0 .1 .2 .2 .3 .0 .0
295. * .0 .0 .0 .0 .2 .0 .0
300. * .0 .0 .0 .0 .1 .0 .0
305. * .0 .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .1 .2 .3 .3 .3 .1 .2
DEGR. * 160 150 250 255 145 160 195

```

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 250 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 255 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 145 DEGREES FROM REC5 .

```

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15AM)
DATE: 01/12/2007 TIME: 11:28:57.09

RUN: S21 NB15 AM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 160 150 250 255 145 160 195
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .0 .0 .0 .0 .0
4 * .0 .1 .1 .1 .1 .0 .0
5 * .0 .0 .0 .0 .1 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .1 .1 .0 .0 .0
11 * .1 .1 .1 .1 .1 .1 .0
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .1
14 * .0 .0 .0 .0 .0 .0 .0

```

			S21NB15P.DAT		
I-270 SITE 21 L.BEN.PARK (NB15PM)	60.0175.0.0000.000	70.30480000	1	1	
1 ES NEAR PARK BLDGS	222122.	586103.	5.0		
2 PARK BLDGS & ROW	222290.	585656.	5.0		
3 PARK ROW	222498.	585388.	5.0		
4 PARK ROW	222565.	585361.	5.0		
5 PARK ROW	222172.	585607.	5.0		
6 POOL	222356.	585759.	5.0		
7 ROW	223117.	585084.	5.0		
S21 NB15 PM LITTLE BEN. PK		14	1	1	
0 1	I-270 NB	AG223294.584480.223118.584748.	4100 4.3	0 44.	58
0 1	I-270 NB	AG223118.584748.222920.584955.	4100 4.3	0 44.	58
0 1	I-270 NB	AG222920.584955.222747.585101.	4100 4.3	0 44.	58
0 1	I-270 NB	AG222747.585101.222343.585352.	4100 4.3	0 44.	58
0 1	I-270 NB	AG222343.585352.222042.585531.	4100 4.3	0 44.	58
0 1	I-270 NB	AG222042.585531.221645.585851.	4100 4.3	0 44.	58
0 1	I-270 NB	AG221645.585851.221380.586145.	4100 4.3	0 44.	58
0 1	I-270 SB	AG221309.586101.221601.585786.	1900 4.6	0 44.	63
0 1	I-270 SB	AG221601.585786.221837.585562.	1900 4.6	0 44.	63
0 1	I-270 SB	AG221837.585562.222205.585281.	1900 4.6	0 44.	63
0 1	I-270 SB	AG222205.585281.222704.584927.	1900 4.6	0 44.	63
0 1	I-270 SB	AG222704.584927.222841.584797.	1900 4.6	0 44.	63
0 1	I-270 SB	AG222841.584797.223014.584599.	1900 4.6	0 44.	63
0 1	I-270 SB	AG223014.584599.223134.584410.	1900 4.6	0 44.	63
1.0 04 1000. 0.0Y 5 0 72					

1

S21NB15P.OUT

PAGE 1

JOB: I-270 SITE 21 L.BEN.PARK (NB15PM)
DATE: 01/12/2007 TIME: 11:30:42.60

RUN: S21 NB15 PM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0 I-270 NB	223294.0	584480.0	223118.0	584748.0	321.	327. AG	4100.	4.3	.0	44.0	
2. 0 I-270 NB	223118.0	584748.0	222920.0	584955.0	286.	316. AG	4100.	4.3	.0	44.0	
3. 0 I-270 NB	222920.0	584955.0	222747.0	585101.0	226.	310. AG	4100.	4.3	.0	44.0	
4. 0 I-270 NB	222747.0	585101.0	222343.0	585352.0	476.	302. AG	4100.	4.3	.0	44.0	
5. 0 I-270 NB	222343.0	585352.0	222042.0	585531.0	350.	301. AG	4100.	4.3	.0	44.0	
6. 0 I-270 NB	222042.0	585531.0	221645.0	585851.0	510.	309. AG	4100.	4.3	.0	44.0	
7. 0 I-270 NB	221645.0	585851.0	221380.0	586145.0	396.	318. AG	4100.	4.3	.0	44.0	
8. 0 I-270 SB	221309.0	586101.0	221601.0	585786.0	430.	137. AG	1900.	4.6	.0	44.0	
9. 0 I-270 SB	221601.0	585786.0	221837.0	585562.0	325.	134. AG	1900.	4.6	.0	44.0	
10. 0 I-270 SB	221837.0	585562.0	222205.0	585281.0	463.	127. AG	1900.	4.6	.0	44.0	
11. 0 I-270 SB	222205.0	585281.0	222704.0	584927.0	612.	125. AG	1900.	4.6	.0	44.0	
12. 0 I-270 SB	222704.0	584927.0	222841.0	584797.0	189.	133. AG	1900.	4.6	.0	44.0	
13. 0 I-270 SB	222841.0	584797.0	223014.0	584599.0	263.	139. AG	1900.	4.6	.0	44.0	
14. 0 I-270 SB	223014.0	584599.0	223134.0	584410.0	224.	148. AG	1900.	4.6	.0	44.0	

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15PM)
DATE: 01/12/2007 TIME: 11:30:42.60

RUN: S21 NB15 PM LITTLE BEN. PK

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*	*	*	*	*	*	*	*

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	222290.0	585656.0	5.0	*
3. 3 PARK ROW	222498.0	585388.0	5.0	*
4. 4 PARK ROW	222565.0	585361.0	5.0	*
5. 5 PARK ROW	222172.0	585607.0	5.0	*
6. 6 POOL	222356.0	585759.0	5.0	*
7. 7 ROW	223117.0	585084.0	5.0	*

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15PM)

RUN: S21 NB15 PM LITTLE BEN. PK

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.1	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0
130.	.0	.0	.2	.1	.1	.0	.0
135.	.0	.1	.2	.3	.2	.0	.0
140.	.0	.1	.3	.3	.2	.0	.0
145.	.0	.1	.3	.2	.3	.0	.0
150.	.0	.1	.2	.3	.4	.1	.0
155.	.1	.1	.2	.3	.4	.1	.0
160.	.0	.1	.3	.2	.3	.1	.1
165.	.0	.3	.4	.2	.3	.1	.1


```

170. * .1 .3 .3 .3 .2 .1 .1
175. * .1 .3 .3 .3 .2 .1 .2
180. * .1 .1 .3 .3 .2 .1 .2
185. * .0 .1 .3 .3 .3 .1 .2
190. * .0 .1 .3 .3 .3 .1 .1
195. * .1 .1 .3 .3 .3 .1 .1
200. * .1 .1 .3 .3 .3 .1 .1
205. * .1 .1 .3 .3 .3 .1 .1

```

S21NB15P.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15PM)

RUN: S21 NB15 PM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .1 .1 .3 .3 .3 .1 .1
215. * .1 .2 .3 .3 .3 .1 .1
220. * .1 .2 .3 .3 .3 .1 .1
225. * .1 .2 .3 .3 .3 .1 .1
230. * .1 .2 .3 .3 .3 .1 .1
235. * .1 .2 .3 .3 .3 .1 .2
240. * .0 .2 .3 .3 .3 .1 .2
245. * .0 .2 .3 .3 .3 .1 .1
250. * .1 .1 .3 .2 .4 .1 .1
255. * .1 .1 .2 .2 .3 .1 .1
260. * .1 .1 .3 .3 .2 .1 .1
265. * .1 .1 .4 .2 .2 .1 .1
270. * .1 .1 .4 .3 .2 .1 .2
275. * .0 .1 .3 .4 .3 .1 .2
280. * .0 .1 .3 .2 .3 .1 .1
285. * .0 .1 .3 .3 .2 .0 .1
290. * .0 .2 .2 .2 .2 .0 .1
295. * .0 .1 .2 .2 .2 .0 .1
300. * .0 .0 .2 .2 .2 .0 .0
305. * .0 .0 .1 .0 .2 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .1 .3 .4 .4 .4 .1 .2
DEGR. * 155 165 165 275 150 150 175

```

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 275 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 150 DEGREES FROM REC5 .

```

1

JOB: I-270 SITE 21 L.BEN.PARK (NB15PM)
DATE: 01/12/2007 TIME: 11:30:42.60

RUN: S21 NB15 PM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 155 165 165 275 150 150 175
-----*-----
1 * .0 .0 .0 .0 .0 .0 .1
2 * .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .0 .0 .0 .0 .0
4 * .1 .1 .3 .1 .1 .1 .0
5 * .0 .1 .0 .2 .2 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .1 .0 .0 .0
11 * .0 .1 .1 .0 .1 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0

```

				S21B115A					
I-270 SITE 21 L.BEN.PARK B115AM			60.0175.0.0000.000	70.30480000	1	1			
1 ES NEAR PARK BLDGS	222122.	586103.	5.0						
2 PARK BLDGS & ROW	222290.	585656.	5.0						
3 PARK ROW	222498.	585388.	5.0						
4 PARK ROW	222565.	585361.	5.0						
5 PARK ROW	222172.	585607.	5.0						
6 POOL	222356.	585759.	5.0						
7 ROW	223117.	585084.	5.0						
S21 B115AM LITTLE BEN PK		48	1	1					
I-270	NB	AG221272.586321.221453.586108.	1325. 4.3	0 44 58.					
I-270	NB	AG221453.586108.221639.585914.	1325. 4.3	0 44 58.					
I-270	NB	AG221639.585914.221819.585758.	1325. 4.3	0 44 58.					
I-270	NB	AG221819.585758.222023.585607.	1325. 4.3	0 44 58.					
I-270	NB	AG222023.585607.222219.585478.	1325. 4.3	0 44 58.					
I-270	NB	AG222219.585478.222620.585245.	1325. 4.3	0 44 58.					
I-270	NB	AG222620.585245.222825.585106.	1325. 4.3	0 44 58.					
I-270	NB	AG222825.585106.222997.584958.	1325. 4.3	0 44 58.					
I-270	NB	AG222997.584958.223131.584814.	1325. 4.3	0 44 58.					
I-270	NB	AG223131.584814.223251.584663.	1325. 4.3	0 44 58.					
I-270	NB	AG223251.584663.223333.584527.	1325. 4.3	0 44 58.					
I-270	NB	AG223333.584527.223399.584404.	1325. 4.3	0 44 58.					
I-270	NB	AG223399.584404.223454.584282.	1325. 4.3	0 44 58.					
I-270	NB ETL	AG221244.586287.221363.586141.	600. 4.3	0 32 58.					
I-270	NB ETL	AG221363.586141.221499.585995.	600. 4.3	0 32 58.					
I-270	NB ETL	AG221499.585995.221607.585885.	600. 4.3	0 32 58.					
I-270	NB ETL	AG221607.585885.221807.585712.	600. 4.3	0 32 58.					
I-270	NB ETL	AG221807.585712.221935.585616.	600. 4.3	0 32 58.					
I-270	NB ETL	AG221935.585616.222129.585486.	600. 4.3	0 32 58.					
I-270	NB ETL	AG222129.585486.222643.585181.	600. 4.3	0 32 58.					
I-270	NB ETL	AG222643.585181.222775.585093.	600. 4.3	0 32 58.					
I-270	NB ETL	AG222775.585093.222938.584955.	600. 4.3	0 32 58.					
I-270	NB ETL	AG222938.584955.223070.584819.	600. 4.3	0 32 58.					
I-270	NB ETL	AG223070.584819.223188.584671.	600. 4.3	0 32 58.					
I-270	NB ETL	AG223188.584671.223320.584468.	600. 4.3	0 32 58.					
I-270	NB ETL	AG223320.584468.223381.584337.	600. 4.3	0 32 58.					
I-270	NB ETL	AG223381.584337.223421.584247.	600. 4.3	0 32 58.					
I-270	SB	AG223236.584106.223156.584290.	3100. 3.8	0 44 50.					
I-270	SB	AG223156.584290.223053.584464.	3100. 3.8	0 44 50.					
I-270	SB	AG223053.584464.222944.584614.	3100. 3.8	0 44 50.					
I-270	SB	AG222944.584614.222808.584767.	3100. 3.8	0 44 50.					
I-270	SB	AG222808.584767.222697.584868.	3100. 3.8	0 44 50.					
I-270	SB	AG222697.584868.222497.585017.	3100. 3.8	0 44 50.					
I-270	SB	AG222497.585017.222065.585313.	3100. 3.8	0 44 50.					
I-270	SB	AG222065.585313.221710.585634.	3100. 3.8	0 44 50.					
I-270	SB	AG221710.585634.221338.586022.	3100. 3.8	0 44 50.					
I-270	SB	AG221338.586022.221183.586210.	3100. 3.8	0 44 50.					
I-270	SB ETL	AG223272.584133.223192.584307.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG223192.584307.223095.584481.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG223095.584481.222959.584662.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222959.584662.222825.584810.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222825.584810.222717.584904.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222717.584904.222561.585026.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222561.585026.222248.585240.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222248.585240.222036.585401.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG222036.585401.221759.585655.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG221759.585655.221483.585936.	1600. 3.8	0 32 50.					
I-270	SB ETL	AG221483.585936.221215.586244.	1600. 3.8	0 32 50.					
1.0	04 1000. 0.0Y	5	0 72						

JOB: I-270 SITE 21 L.BEN.PARK B115AM
DATE: 01/12/2007 TIME: 11:22:58.59

RUN: S21 B115AM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	1325.	4.3	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	1325.	4.3	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	1325.	4.3	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	1325.	4.3	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	1325.	4.3	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	1325.	4.3	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	1325.	4.3	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	1325.	4.3	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	1325.	4.3	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	1325.	4.3	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	1325.	4.3	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	1325.	4.3	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	1325.	4.3	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	600.	4.3	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	600.	4.3	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	600.	4.3	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	600.	4.3	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	600.	4.3	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	600.	4.3	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	600.	4.3	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	600.	4.3	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	600.	4.3	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	600.	4.3	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	600.	4.3	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	600.	4.3	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	600.	4.3	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	600.	4.3	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	3100.	3.8	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	3100.	3.8	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	3100.	3.8	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	3100.	3.8	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	3100.	3.8	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	3100.	3.8	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	3100.	3.8	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	3100.	3.8	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	3100.	3.8	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	3100.	3.8	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	1600.	3.8	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	1600.	3.8	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	1600.	3.8	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	1600.	3.8	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	1600.	3.8	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	1600.	3.8	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	1600.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B115AM
DATE: 01/12/2007 TIME: 11:22:58.59

RUN: S21 B115AM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	1600.	3.8	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	1600.	3.8	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	1600.	3.8	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	1600.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B115AM
DATE: 01/12/2007 TIME: 11:22:58.59

RUN: S21 B115AM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B115AM

RUN: S21 B115AM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

S21B115A

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0
130.	.0	.0	.1	.1	.1	.0	.0
135.	.0	.0	.2	.1	.1	.0	.0
140.	.0	.0	.2	.1	.1	.0	.0
145.	.0	.0	.1	.1	.1	.0	.0
150.	.0	.0	.1	.1	.1	.0	.0
155.	.0	.1	.1	.2	.2	.0	.0
160.	.0	.1	.1	.1	.2	.0	.0
165.	.0	.1	.2	.1	.2	.0	.0
170.	.0	.2	.2	.2	.2	.0	.0
175.	.0	.2	.1	.2	.2	.0	.0
180.	.0	.2	.1	.2	.2	.0	.0
185.	.0	.1	.2	.2	.2	.0	.0
190.	.0	.1	.2	.1	.2	.1	.1
195.	.0	.1	.2	.1	.2	.0	.1
200.	.0	.1	.2	.2	.1	.0	.1
205.	.0	.0	.2	.2	.2	.0	.1

1

JOB: I-270 SITE 21 L.BEN.PARK B115AM

RUN: S21 B115AM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
210.	.0	.0	.2	.2	.2	.0	.0
215.	.0	.0	.2	.2	.2	.0	.0
220.	.0	.0	.2	.2	.2	.0	.0
225.	.0	.1	.2	.2	.2	.0	.0
230.	.0	.1	.2	.2	.2	.0	.0
235.	.0	.2	.2	.2	.2	.1	.0
240.	.0	.2	.2	.2	.2	.1	.0
245.	.0	.1	.2	.2	.2	.0	.1
250.	.0	.1	.2	.2	.2	.0	.1
255.	.0	.1	.2	.2	.2	.0	.1
260.	.0	.1	.1	.2	.2	.0	.1
265.	.0	.0	.1	.1	.2	.0	.0
270.	.0	.0	.2	.1	.2	.0	.0
275.	.0	.0	.2	.2	.1	.0	.0
280.	.0	.0	.2	.2	.2	.0	.0
285.	.0	.0	.2	.1	.2	.0	.0
290.	.0	.0	.1	.1	.2	.0	.0
295.	.0	.0	.1	.1	.2	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.0	.2	.2	.2	.2	.1	.1
DEGR.	0	170	135	155	155	190	190

THE HIGHEST CONCENTRATION IS .20 PPM AT 170 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 135 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 155 DEGREES FROM REC4 .

1

JOB: I-270 SITE 21 L.BEN.PARK B115AM

RUN: S21 B115AM LITTLE BEN PK

PAGE 6

DATE: 01/12/2007 TIME: 11:22:58.59

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

S21B115A

LINK #	CO/LINK (PPM) ANGLE (DEGREES)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
	0	170	135	155	155	190	190

1 *	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.1	.1	.1	.1	.0	.0
7 *	.0	.0	.1	.1	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.1
10 *	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.1	.0	.0	.1	.1	.0
35 *	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B115AM

RUN: S21 B115AM LITTLE BEN PK

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
	0	170	135	155	155	190	190

46 *	.0	.0	.0	.0	.0	.0	.0
47 *	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0

				S21B115P				
I-270 SITE 21 L.BEN.PARK B115PM		60.0175.0.0000.000	70.30480000	1	1			
1 ES NEAR PARK BLDGS	222122.	586103.	5.0					
2 PARK BLDGS & ROW	222290.	585656.	5.0					
3 PARK ROW	222498.	585388.	5.0					
4 PARK ROW	222565.	585361.	5.0					
5 PARK ROW	222172.	585607.	5.0					
6 POOL	222356.	585759.	5.0					
7 ROW	223117.	585084.	5.0					
S21 B115PM LITTLE BEN PK		48	1	1				
1								
I-270	NB	AG221272.586321.221453.586108.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG221453.586108.221639.585914.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG221639.585914.221819.585758.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG221819.585758.222023.585607.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG222023.585607.222219.585478.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG222219.585478.222620.585245.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG222620.585245.222825.585106.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG222825.585106.222997.584958.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG222997.584958.223131.584814.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG223131.584814.223251.584663.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG223251.584663.223333.584527.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG223333.584527.223399.584404.	3275. 4.2	0	44	56.		
1								
I-270	NB	AG223399.584404.223454.584282.	3275. 4.2	0	44	56.		
1								
I-270	NB ETL	AG221244.586287.221363.586141.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG221363.586141.221499.585995.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG221499.585995.221607.585885.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG221607.585885.221807.585712.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG221807.585712.221935.585616.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG221935.585616.222129.585486.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG222129.585486.222643.585181.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG222643.585181.222775.585093.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG222775.585093.222938.584955.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG222938.584955.223070.584819.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG223070.584819.223188.584671.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG223188.584671.223320.584468.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG223320.584468.223381.584337.	1750. 4.2	0	32	56.		
1								
I-270	NB ETL	AG223381.584337.223421.584247.	1750. 4.2	0	32	56.		
1								
I-270	SB	AG223236.584106.223156.584290.	1650. 4.3	0	44	58.		
1								
I-270	SB	AG223156.584290.223053.584464.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG223053.584464.222944.584614.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG222944.584614.222808.584767.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG222808.584767.222697.584868.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG222697.584868.222497.585017.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG222497.585017.222065.585313.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG222065.585313.221710.585634.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG221710.585634.221338.586022.	1650. 4.3	0	44	56.		
1								
I-270	SB	AG221338.586022.221183.586210.	1650. 4.3	0	44	56.		
1								
I-270	SB ETL	AG223272.584133.223192.584307.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG223192.584307.223095.584481.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG223095.584481.222959.584662.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222959.584662.222825.584810.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222825.584810.222717.584904.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222717.584904.222561.585026.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222561.585026.222248.585240.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222248.585240.222036.585401.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG222036.585401.221759.585655.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG221759.585655.221483.585936.	600. 4.3	0	32	56.		
1								
I-270	SB ETL	AG221483.585936.221215.586244.	600. 4.3	0	32	56.		
1.0	04 1000. 0.0Y	5 0 72						

JOB: I-270 SITE 21 L.BEN.PARK B115PM
DATE: 01/12/2007 TIME: 11:26:21.92

RUN: S21 B115PM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	LINK COORDINATES (FT)	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	*	221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	3275.	4.2	.0	44.0	
2. I-270	NB	*	221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	3275.	4.2	.0	44.0	
3. I-270	NB	*	221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	3275.	4.2	.0	44.0	
4. I-270	NB	*	221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	3275.	4.2	.0	44.0	
5. I-270	NB	*	222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	3275.	4.2	.0	44.0	
6. I-270	NB	*	222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	3275.	4.2	.0	44.0	
7. I-270	NB	*	222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	3275.	4.2	.0	44.0	
8. I-270	NB	*	222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	3275.	4.2	.0	44.0	
9. I-270	NB	*	222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	3275.	4.2	.0	44.0	
10. I-270	NB	*	223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	3275.	4.2	.0	44.0	
11. I-270	NB	*	223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	3275.	4.2	.0	44.0	
12. I-270	NB	*	223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	3275.	4.2	.0	44.0	
13. I-270	NB	*	223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	3275.	4.2	.0	44.0	
14. I-270	NB ETL	*	221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	1750.	4.2	.0	32.0	
15. I-270	NB ETL	*	221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	1750.	4.2	.0	32.0	
16. I-270	NB ETL	*	221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	1750.	4.2	.0	32.0	
17. I-270	NB ETL	*	221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	1750.	4.2	.0	32.0	
18. I-270	NB ETL	*	221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	1750.	4.2	.0	32.0	
19. I-270	NB ETL	*	221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	1750.	4.2	.0	32.0	
20. I-270	NB ETL	*	222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	1750.	4.2	.0	32.0	
21. I-270	NB ETL	*	222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	1750.	4.2	.0	32.0	
22. I-270	NB ETL	*	222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	1750.	4.2	.0	32.0	
23. I-270	NB ETL	*	222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	1750.	4.2	.0	32.0	
24. I-270	NB ETL	*	223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	1750.	4.2	.0	32.0	
25. I-270	NB ETL	*	223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	1750.	4.2	.0	32.0	
26. I-270	NB ETL	*	223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	1750.	4.2	.0	32.0	
27. I-270	NB ETL	*	223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	1750.	4.2	.0	32.0	
28. I-270	SB	*	223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	1650.	4.3	.0	44.0	
29. I-270	SB	*	223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	1650.	4.3	.0	44.0	
30. I-270	SB	*	223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	1650.	4.3	.0	44.0	
31. I-270	SB	*	222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	1650.	4.3	.0	44.0	
32. I-270	SB	*	222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	1650.	4.3	.0	44.0	
33. I-270	SB	*	222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	1650.	4.3	.0	44.0	
34. I-270	SB	*	222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	1650.	4.3	.0	44.0	
35. I-270	SB	*	222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	1650.	4.3	.0	44.0	
36. I-270	SB	*	221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	1650.	4.3	.0	44.0	
37. I-270	SB	*	221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	1650.	4.3	.0	44.0	
38. I-270	SB ETL	*	223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	600.	4.3	.0	32.0	
39. I-270	SB ETL	*	223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	600.	4.3	.0	32.0	
40. I-270	SB ETL	*	223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	600.	4.3	.0	32.0	
41. I-270	SB ETL	*	222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	600.	4.3	.0	32.0	
42. I-270	SB ETL	*	222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	600.	4.3	.0	32.0	
43. I-270	SB ETL	*	222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	600.	4.3	.0	32.0	
44. I-270	SB ETL	*	222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	600.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B115PM
DATE: 01/12/2007 TIME: 11:26:21.92

RUN: S21 B115PM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	LINK COORDINATES (FT)	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	*	222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	600.	4.3	.0	32.0	
46. I-270	SB ETL	*	222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	600.	4.3	.0	32.0	
47. I-270	SB ETL	*	221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	600.	4.3	.0	32.0	
48. I-270	SB ETL	*	221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	600.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B115PM
DATE: 01/12/2007 TIME: 11:26:21.92

RUN: S21 B115PM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR		X	COORDINATES (FT)	Z
1.	1 ES NEAR PARK BLDGS	222122.0	586103.0	5.0
2.	2 PARK BLDGS & ROW	222290.0	585656.0	5.0
3.	3 PARK ROW	222498.0	585388.0	5.0
4.	4 PARK ROW	222565.0	585361.0	5.0
5.	5 PARK ROW	222172.0	585607.0	5.0
6.	6 POOL	222356.0	585759.0	5.0
7.	7 ROW	223117.0	585084.0	5.0

JOB: I-270 SITE 21 L.BEN.PARK B115PM

RUN: S21 B115PM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.1	.1	.1	.0	.0
125.	.0	.0	.2	.1	.1	.0	.0
130.	.0	.0	.3	.2	.3	.0	.0
135.	.0	.1	.2	.3	.3	.0	.0
140.	.0	.1	.3	.4	.3	.0	.0
145.	.0	.1	.4	.3	.3	.0	.0
150.	.0	.1	.5	.3	.4	.0	.0
155.	.0	.2	.4	.3	.3	.1	.0
160.	.0	.2	.4	.4	.3	.1	.1
165.	.0	.2	.4	.4	.4	.1	.1
170.	.0	.2	.4	.3	.4	.1	.1
175.	.0	.2	.4	.3	.3	.1	.2
180.	.0	.2	.4	.3	.3	.1	.2
185.	.0	.2	.4	.3	.3	.1	.1
190.	.0	.2	.4	.3	.3	.1	.1
195.	.0	.2	.4	.3	.2	.1	.1
200.	.1	.3	.4	.3	.2	.1	.1
205.	.1	.2	.4	.3	.3	.0	.1

1

JOB: I-270 SITE 21 L.BEN.PARK B115PM

RUN: S21 B115PM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
210.	.1	.1	.4	.3	.3	.1	.2
215.	.0	.1	.4	.3	.3	.1	.1
220.	.0	.1	.4	.3	.3	.1	.2
225.	.0	.1	.4	.3	.3	.1	.2
230.	.0	.1	.4	.3	.3	.1	.1
235.	.1	.1	.4	.3	.3	.1	.1
240.	.0	.1	.4	.3	.3	.1	.1
245.	.0	.1	.4	.3	.3	.0	.1
250.	.0	.1	.4	.4	.3	.1	.1
255.	.0	.1	.4	.4	.3	.1	.2
260.	.0	.2	.4	.4	.4	.1	.1
265.	.0	.1	.4	.4	.4	.1	.1
270.	.0	.1	.4	.4	.3	.0	.2
275.	.0	.1	.4	.4	.2	.0	.2
280.	.0	.1	.5	.4	.3	.0	.2
285.	.0	.1	.4	.4	.2	.0	.2
290.	.0	.0	.3	.3	.2	.0	.2
295.	.0	.0	.2	.2	.2	.0	.2
300.	.0	.0	.2	.2	.2	.0	.0
305.	.0	.0	.0	.0	.1	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.3	.5	.4	.4	.1	.2
DEGR.	200	200	150	140	150	155	175

THE HIGHEST CONCENTRATION IS .50 PPM AT 150 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 140 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 150 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK B115PM
DATE: 01/12/2007 TIME: 11:26:21.92

RUN: S21 B115PM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 200	REC2 200	REC3 150	REC4 140	REC5 150	REC6 155	REC7 175
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.1	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.1	.0	.0
6	*	.0	.1	.3	.1	.2	.1	.0
7	*	.0	.0	.1	.2	.0	.0	.0
8	*	.0	.0	.0	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.1
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.1	.1	.0	.1	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B115PM

RUN: S21 B115PM LITTLE BEN PK

PAGE 7

		CO/LINK (PPM)						
		ANGLE (DEGREES)						
LINK #	*	REC1 200	REC2 200	REC3 150	REC4 140	REC5 150	REC6 155	REC7 175

46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

										S21B215A	
I-270 SITE 21 L.BEN.PARK B215AM				60.0175.0.0000.000	70.30480000	1	1				
1 ES NEAR PARK BLDGS	222122.	586103.	5.0								
2 PARK BLDGS & ROW	222290.	585656.	5.0								
3 PARK ROW	222498.	585388.	5.0								
4 PARK ROW	222565.	585361.	5.0								
5 PARK ROW	222172.	585607.	5.0								
6 POOL	222356.	585759.	5.0								
7 ROW	223117.	585084.	5.0								
S21 B215AM LITTLE BEN PK			48	1	1						
I-270	NB	AG221272.586321.221453.586108.	1725.	4.5	0	44	62.				
I-270	NB	AG221453.586108.221639.585914.	1725.	4.5	0	44	62.				
I-270	NB	AG221639.585914.221819.585758.	1725.	4.5	0	44	62.				
I-270	NB	AG221819.585758.222023.585607.	1725.	4.5	0	44	62.				
I-270	NB	AG222023.585607.222219.585478.	1725.	4.5	0	44	62.				
I-270	NB	AG222219.585478.222620.585245.	1725.	4.5	0	44	62.				
I-270	NB	AG222620.585245.222825.585106.	1725.	4.5	0	44	62.				
I-270	NB	AG222825.585106.222997.584958.	1725.	4.5	0	44	62.				
I-270	NB	AG222997.584958.223131.584814.	1725.	4.5	0	44	62.				
I-270	NB	AG223131.584814.223251.584663.	1725.	4.5	0	44	62.				
I-270	NB	AG223251.584663.223333.584527.	1725.	4.5	0	44	62.				
I-270	NB	AG223333.584527.223399.584404.	1725.	4.5	0	44	62.				
I-270	NB	AG223399.584404.223454.584282.	1725.	4.5	0	44	62.				
I-270	NB ETL	AG221244.586287.221363.586141.	400.	4.3	0	32	59.				
I-270	NB ETL	AG221363.586141.221499.585995.	400.	4.3	0	32	59.				
I-270	NB ETL	AG221499.585995.221607.585885.	400.	4.3	0	32	59.				
I-270	NB ETL	AG221607.585885.221807.585712.	400.	4.3	0	32	59.				
I-270	NB ETL	AG221807.585712.221935.585616.	400.	4.3	0	32	59.				
I-270	NB ETL	AG221935.585616.222129.585486.	400.	4.3	0	32	59.				
I-270	NB ETL	AG222129.585486.222643.585181.	400.	4.3	0	32	59.				
I-270	NB ETL	AG222643.585181.222775.585093.	400.	4.3	0	32	59.				
I-270	NB ETL	AG222775.585093.222938.584955.	400.	4.3	0	32	59.				
I-270	NB ETL	AG222938.584955.223070.584819.	400.	4.3	0	32	59.				
I-270	NB ETL	AG223070.584819.223188.584671.	400.	4.3	0	32	59.				
I-270	NB ETL	AG223188.584671.223320.584468.	400.	4.3	0	32	59.				
I-270	NB ETL	AG223320.584468.223381.584337.	400.	4.3	0	32	59.				
I-270	NB ETL	AG223381.584337.223421.584247.	400.	4.3	0	32	59.				
I-270	SB	AG223236.584106.223156.584290.	4100.	4.4	0	44	60.				
I-270	SB	AG223156.584290.223053.584464.	4100.	4.4	0	44	60.				
I-270	SB	AG223053.584464.222944.584614.	4100.	4.4	0	44	60.				
I-270	SB	AG222944.584614.222808.584767.	4100.	4.4	0	44	60.				
I-270	SB	AG222808.584767.222697.584868.	4100.	4.4	0	44	60.				
I-270	SB	AG222697.584868.222497.585017.	4100.	4.4	0	44	60.				
I-270	SB	AG222497.585017.222065.585313.	4100.	4.4	0	44	60.				
I-270	SB	AG222065.585313.221710.585634.	4100.	4.4	0	44	60.				
I-270	SB	AG221710.585634.221338.586022.	4100.	4.4	0	44	60.				
I-270	SB	AG221338.586022.221183.586210.	4100.	4.4	0	44	60.				
I-270	SB ETL	AG223272.584133.223192.584307.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG223192.584307.223095.584481.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG223095.584481.222959.584662.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222959.584662.222825.584810.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222825.584810.222717.584904.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222717.584904.222561.585026.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222561.585026.222248.585240.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222248.585240.222036.585401.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG222036.585401.221759.585655.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG221759.585655.221483.585936.	1050.	4.3	0	32	58.				
I-270	SB ETL	AG221483.585936.221215.586244.	1050.	4.3	0	32	58.				
1.0	04	1000.	0.0Y	5	0	72					

JOB: I-270 SITE 21 L.BEN.PARK B215AM
DATE: 03/15/2007 TIME: 11:42:30.81

RUN: S21 B215AM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)	(VEH)
1. I-270	NB	*	221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	1725.	4.5	.0	44.0	
2. I-270	NB	*	221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	1725.	4.5	.0	44.0	
3. I-270	NB	*	221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	1725.	4.5	.0	44.0	
4. I-270	NB	*	221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	1725.	4.5	.0	44.0	
5. I-270	NB	*	222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	1725.	4.5	.0	44.0	
6. I-270	NB	*	222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	1725.	4.5	.0	44.0	
7. I-270	NB	*	222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	1725.	4.5	.0	44.0	
8. I-270	NB	*	222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	1725.	4.5	.0	44.0	
9. I-270	NB	*	222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	1725.	4.5	.0	44.0	
10. I-270	NB	*	223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	1725.	4.5	.0	44.0	
11. I-270	NB	*	223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	1725.	4.5	.0	44.0	
12. I-270	NB	*	223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	1725.	4.5	.0	44.0	
13. I-270	NB	*	223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	1725.	4.5	.0	44.0	
14. I-270	NB ETL	*	221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	400.	4.3	.0	32.0	
15. I-270	NB ETL	*	221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	400.	4.3	.0	32.0	
16. I-270	NB ETL	*	221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	400.	4.3	.0	32.0	
17. I-270	NB ETL	*	221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	400.	4.3	.0	32.0	
18. I-270	NB ETL	*	221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	400.	4.3	.0	32.0	
19. I-270	NB ETL	*	221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	400.	4.3	.0	32.0	
20. I-270	NB ETL	*	222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	400.	4.3	.0	32.0	
21. I-270	NB ETL	*	222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	400.	4.3	.0	32.0	
22. I-270	NB ETL	*	222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	400.	4.3	.0	32.0	
23. I-270	NB ETL	*	222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	400.	4.3	.0	32.0	
24. I-270	NB ETL	*	223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	400.	4.3	.0	32.0	
25. I-270	NB ETL	*	223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	400.	4.3	.0	32.0	
26. I-270	NB ETL	*	223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	400.	4.3	.0	32.0	
27. I-270	NB ETL	*	223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	400.	4.3	.0	32.0	
28. I-270	SB	*	223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	4100.	4.4	.0	44.0	
29. I-270	SB	*	223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	4100.	4.4	.0	44.0	
30. I-270	SB	*	223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	4100.	4.4	.0	44.0	
31. I-270	SB	*	222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	4100.	4.4	.0	44.0	
32. I-270	SB	*	222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	4100.	4.4	.0	44.0	
33. I-270	SB	*	222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	4100.	4.4	.0	44.0	
34. I-270	SB	*	222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	4100.	4.4	.0	44.0	
35. I-270	SB	*	222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	4100.	4.4	.0	44.0	
36. I-270	SB	*	221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	4100.	4.4	.0	44.0	
37. I-270	SB	*	221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	4100.	4.4	.0	44.0	
38. I-270	SB ETL	*	223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	1050.	4.3	.0	32.0	
39. I-270	SB ETL	*	223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	1050.	4.3	.0	32.0	
40. I-270	SB ETL	*	223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	1050.	4.3	.0	32.0	
41. I-270	SB ETL	*	222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	1050.	4.3	.0	32.0	
42. I-270	SB ETL	*	222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	1050.	4.3	.0	32.0	
43. I-270	SB ETL	*	222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	1050.	4.3	.0	32.0	
44. I-270	SB ETL	*	222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	1050.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B215AM
DATE: 03/15/2007 TIME: 11:42:30.81

RUN: S21 B215AM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)	(VEH)
45. I-270	SB ETL	*	222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	1050.	4.3	.0	32.0	
46. I-270	SB ETL	*	222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	1050.	4.3	.0	32.0	
47. I-270	SB ETL	*	221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	1050.	4.3	.0	32.0	
48. I-270	SB ETL	*	221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	1050.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B215AM
DATE: 03/15/2007 TIME: 11:42:30.81

RUN: S21 B215AM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B215AM

RUN: S21 B215AM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

S21B215A

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.1	.1	.1	.0	.0
130.	.0	.0	.2	.1	.1	.0	.0
135.	.0	.0	.2	.1	.1	.0	.0
140.	.0	.0	.2	.1	.1	.0	.0
145.	.0	.1	.2	.1	.1	.0	.0
150.	.0	.1	.1	.2	.2	.0	.0
155.	.0	.1	.3	.2	.3	.0	.0
160.	.0	.1	.3	.2	.3	.0	.0
165.	.0	.2	.3	.2	.2	.0	.0
170.	.1	.2	.3	.2	.2	.1	.0
175.	.1	.2	.3	.2	.2	.2	.0
180.	.0	.2	.4	.2	.2	.2	.0
185.	.0	.2	.3	.2	.2	.1	.1
190.	.1	.2	.3	.3	.2	.1	.1
195.	.1	.1	.3	.2	.2	.1	.1
200.	.1	.1	.3	.2	.3	.1	.1
205.	.1	.1	.3	.2	.2	.1	.2

1

JOB: I-270 SITE 21 L.BEN.PARK B215AM

RUN: S21 B215AM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
210.	.1	.2	.2	.2	.2	.0	.2
215.	.1	.2	.3	.2	.2	.0	.2
220.	.0	.2	.3	.2	.2	.1	.1
225.	.0	.2	.3	.2	.2	.1	.0
230.	.1	.2	.3	.2	.2	.1	.0
235.	.1	.2	.3	.2	.2	.1	.2
240.	.1	.2	.3	.2	.2	.1	.1
245.	.1	.2	.3	.2	.2	.1	.2
250.	.1	.2	.3	.2	.2	.1	.2
255.	.1	.1	.3	.2	.2	.1	.2
260.	.0	.1	.4	.3	.2	.0	.2
265.	.0	.1	.3	.4	.2	.1	.2
270.	.0	.2	.3	.3	.3	.1	.2
275.	.0	.2	.3	.3	.4	.1	.1
280.	.0	.1	.3	.2	.2	.1	.1
285.	.0	.1	.2	.2	.2	.0	.0
290.	.0	.1	.3	.2	.2	.0	.0
295.	.0	.0	.2	.1	.2	.0	.0
300.	.0	.0	.0	.0	.2	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0

MAX DEGR.	170	165	180	265	275	175	205
	.1	.2	.4	.4	.4	.2	.2

THE HIGHEST CONCENTRATION IS .40 PPM AT 180 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 265 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 275 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK B215AM

RUN: S21 B215AM LITTLE BEN PK

PAGE 6

DATE: 03/15/2007 TIME: 11:42:30.81

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 170	REC2 165	REC3 180	REC4 265	REC5 275	REC6 175	REC7 205

1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.1	.0	.0
5	*	.0	.0	.0	.0	.1	.0	.0
6	*	.0	.1	.2	.2	.0	.1	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.1	.0	.0	.0	.0
34	*	.1	.1	.1	.1	.0	.1	.0
35	*	.0	.0	.0	.1	.1	.0	.0
36	*	.0	.0	.0	.0	.1	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B215AM

RUN: S21 B215AM LITTLE BEN PK

PAGE 7

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 170	REC2 165	REC3 180	REC4 265	REC5 275	REC6 175	REC7 205

46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

S21B215P.DAT

I-270 SITE 21 L.BEN.PARK B215PM	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 B215PM LITTLE BEN PK	48	1	1	

1	I-270	NB	AG221272.586321.221453.586108.	4200.	4.1	0	44	55.
1	I-270	NB	AG221453.586108.221639.585914.	4200.	4.1	0	44	55.
1	I-270	NB	AG221639.585914.221819.585758.	4200.	4.1	0	44	55.
1	I-270	NB	AG221819.585758.222023.585607.	4200.	4.1	0	44	55.
1	I-270	NB	AG222023.585607.222219.585478.	4200.	4.1	0	44	55.
1	I-270	NB	AG222219.585478.222620.585245.	4200.	4.1	0	44	55.
1	I-270	NB	AG222620.585245.222825.585106.	4200.	4.1	0	44	55.
1	I-270	NB	AG222825.585106.222997.584958.	4200.	4.1	0	44	55.
1	I-270	NB	AG222997.584958.223131.584814.	4200.	4.1	0	44	55.
1	I-270	NB	AG223131.584814.223251.584663.	4200.	4.1	0	44	55.
1	I-270	NB	AG223251.584663.223333.584527.	4200.	4.1	0	44	55.
1	I-270	NB	AG223333.584527.223399.584404.	4200.	4.1	0	44	55.
1	I-270	NB	AG223399.584404.223454.584282.	4200.	4.1	0	44	55.
1	I-270	NB ETL	AG221244.586287.221363.586141.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG221363.586141.221499.585995.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG221499.585995.221607.585885.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG221607.585885.221807.585712.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG221807.585712.221935.585616.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG221935.585616.222129.585486.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG222129.585486.222643.585181.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG222643.585181.222775.585093.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG222775.585093.222938.584955.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG222938.584955.223070.584819.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG223070.584819.223188.584671.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG223188.584671.223320.584468.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG223320.584468.223381.584337.	1100.	4.3	0	32	59.
1	I-270	NB ETL	AG223381.584337.223421.584247.	1100.	4.3	0	32	59.
1	I-270	SB	AG223236.584106.223156.584290.	2000.	4.5	0	44	62.
1	I-270	SB	AG223156.584290.223053.584464.	2000.	4.5	0	44	62.
1	I-270	SB	AG223053.584464.222944.584614.	2000.	4.5	0	44	62.
1	I-270	SB	AG222944.584614.222808.584767.	2000.	4.5	0	44	62.
1	I-270	SB	AG222808.584767.222697.584868.	2000.	4.5	0	44	62.
1	I-270	SB	AG222697.584868.222497.585017.	2000.	4.5	0	44	62.
1	I-270	SB	AG222497.585017.222065.585313.	2000.	4.5	0	44	62.
1	I-270	SB	AG222065.585313.221710.585634.	2000.	4.5	0	44	62.
1	I-270	SB	AG221710.585634.221338.586022.	2000.	4.5	0	44	62.
1	I-270	SB	AG221338.586022.221183.586210.	2000.	4.5	0	44	62.
1	I-270	SB ETL	AG223272.584133.223192.584307.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG223192.584307.223095.584481.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG223095.584481.222959.584662.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222959.584662.222825.584810.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222825.584810.222717.584904.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222717.584904.222561.585026.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222561.585026.222248.585240.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222248.585240.222036.585401.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG222036.585401.221759.585655.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG221759.585655.221483.585936.	400.	4.3	0	32	59.
1	I-270	SB ETL	AG221483.585936.221215.586244.	400.	4.3	0	32	59.

1.0 04 1000. 0.0Y 5 0 72

JOB: I-270 SITE 21 L.BEN.PARK B215PM
DATE: 04/11/2007 TIME: 15:32:51.60

RUN: S21 B215PM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	4200.	4.1	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	4200.	4.1	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	4200.	4.1	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	4200.	4.1	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	4200.	4.1	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	4200.	4.1	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	4200.	4.1	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	4200.	4.1	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	4200.	4.1	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	4200.	4.1	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	4200.	4.1	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	4200.	4.1	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	4200.	4.1	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	1100.	4.3	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	1100.	4.3	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	1100.	4.3	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	1100.	4.3	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	1100.	4.3	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	1100.	4.3	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	1100.	4.3	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	1100.	4.3	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	1100.	4.3	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	1100.	4.3	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	1100.	4.3	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	1100.	4.3	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	1100.	4.3	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	1100.	4.3	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	2000.	4.5	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	2000.	4.5	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	2000.	4.5	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	2000.	4.5	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	2000.	4.5	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	2000.	4.5	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	2000.	4.5	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	2000.	4.5	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	2000.	4.5	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	2000.	4.5	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	400.	4.3	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	400.	4.3	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	400.	4.3	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	400.	4.3	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	400.	4.3	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	400.	4.3	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	400.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B215PM
DATE: 04/11/2007 TIME: 15:32:51.60

RUN: S21 B215PM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	400.	4.3	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	400.	4.3	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	400.	4.3	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	400.	4.3	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B215PM
DATE: 04/11/2007 TIME: 15:32:51.60

RUN: S21 B215PM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B215PM

RUN: S21 B215PM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.1	.0	.1	.0	.0
120.	.0	.0	.1	.1	.1	.0	.0
125.	.0	.0	.3	.2	.2	.0	.0
130.	.0	.0	.4	.3	.2	.0	.0
135.	.0	.2	.5	.3	.3	.0	.0
140.	.0	.2	.4	.4	.4	.0	.0
145.	.0	.1	.4	.4	.5	.0	.0
150.	.0	.1	.4	.3	.4	.1	.0
155.	.1	.2	.5	.4	.4	.1	.1
160.	.1	.2	.5	.3	.5	.1	.1
165.	.1	.2	.5	.4	.5	.1	.1
170.	.0	.2	.5	.4	.5	.1	.2
175.	.0	.2	.4	.4	.5	.1	.2
180.	.1	.2	.4	.4	.4	.1	.2
185.	.1	.1	.4	.4	.4	.1	.1
190.	.0	.1	.4	.4	.3	.1	.2
195.	.1	.1	.5	.4	.3	.1	.2
200.	.1	.2	.5	.4	.3	.1	.2
205.	.1	.2	.5	.4	.3	.2	.2

1

JOB: I-270 SITE 21 L.BEN.PARK B215PM

RUN: S21 B215PM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
210.	.1	.1	.5	.5	.3	.1	.1
215.	.1	.1	.5	.5	.4	.1	.1
220.	.0	.1	.5	.5	.4	.1	.2
225.	.1	.1	.5	.5	.4	.1	.2
230.	.1	.1	.5	.5	.4	.1	.2
235.	.1	.2	.5	.5	.5	.1	.1
240.	.1	.2	.5	.5	.5	.1	.1
245.	.1	.1	.5	.5	.5	.2	.2
250.	.0	.1	.4	.5	.5	.1	.2
255.	.1	.2	.5	.4	.5	.1	.2
260.	.1	.2	.5	.4	.4	.1	.2
265.	.1	.2	.5	.4	.4	.1	.1
270.	.0	.1	.5	.4	.3	.1	.2
275.	.0	.1	.5	.4	.3	.0	.2
280.	.0	.1	.5	.4	.3	.0	.2
285.	.0	.2	.4	.4	.3	.0	.2
290.	.0	.2	.3	.3	.3	.0	.2
295.	.0	.0	.4	.3	.3	.0	.2
300.	.0	.0	.3	.2	.2	.0	.1
305.	.0	.0	.2	.1	.2	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.5	.5	.5	.2	.2
DEGR.	155	135	135	210	145	205	170

THE HIGHEST CONCENTRATION IS .50 PPM AT 135 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 210 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 145 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK B215PM
DATE: 04/11/2007 TIME: 15:32:51.60

RUN: S21 B215PM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 155	REC2 135	REC3 135	REC4 210	REC5 145	REC6 205	REC7 170
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.1	.0
6	*	.1	.1	.2	.3	.3	.1	.0
7	*	.0	.1	.2	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.1
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.1	.1	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.1	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B215PM

RUN: S21 B215PM LITTLE BEN PK

PAGE 7

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 155	REC2 135	REC3 135	REC4 210	REC5 145	REC6 205	REC7 170
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

S21NB30A.DAT

I-270 SITE 21 L.BEN.PARK (NB30AM)	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 NB30 AM LITTLE BEN. PK		14	1	1

0	1	I-270 NB	AG223294.584480.223118.584748.	2475	3.8	0	44.	58
0	1	I-270 NB	AG223118.584748.222920.584955.	2475	3.8	0	44.	58
0	1	I-270 NB	AG222920.584955.222747.585101.	2475	3.8	0	44.	58
0	1	I-270 NB	AG222747.585101.222343.585352.	2475	3.8	0	44.	58
0	1	I-270 NB	AG222343.585352.222042.585531.	2475	3.8	0	44.	58
0	1	I-270 NB	AG222042.585531.221645.585851.	2475	3.8	0	44.	58
0	1	I-270 NB	AG221645.585851.221380.586145.	2475	3.8	0	44.	58
0	1	I-270 SB	AG221309.586101.221601.585786.	5650	2.9	0	44.	40
0	1	I-270 SB	AG221601.585786.221837.585562.	5650	2.9	0	44.	40
0	1	I-270 SB	AG221837.585562.222205.585281.	5650	2.9	0	44.	40
0	1	I-270 SB	AG222205.585281.222704.584927.	5650	2.9	0	44.	40
0	1	I-270 SB	AG222704.584927.222841.584797.	5650	2.9	0	44.	40
0	1	I-270 SB	AG222841.584797.223014.584599.	5650	2.9	0	44.	40
0	1	I-270 SB	AG223014.584599.223134.584410.	5650	2.9	0	44.	40
1.0	04	1000. 0.0Y	5 0 72					

JOB: I-270 SITE 21 L.BEN.PARK (NB30AM)
 DATE: 12/19/2006 TIME: 10:42:50.60

RUN: S21 NB30 AM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	I-270 NB	* 223294.0	584480.0	223118.0	584748.0	*	321.	327. AG	2475.	3.8	.0	44.0	
2. 0	I-270 NB	* 223118.0	584748.0	222920.0	584955.0	*	286.	316. AG	2475.	3.8	.0	44.0	
3. 0	I-270 NB	* 222920.0	584955.0	222747.0	585101.0	*	226.	310. AG	2475.	3.8	.0	44.0	
4. 0	I-270 NB	* 222747.0	585101.0	222343.0	585352.0	*	476.	302. AG	2475.	3.8	.0	44.0	
5. 0	I-270 NB	* 222343.0	585352.0	222042.0	585531.0	*	350.	301. AG	2475.	3.8	.0	44.0	
6. 0	I-270 NB	* 222042.0	585531.0	221645.0	585851.0	*	510.	309. AG	2475.	3.8	.0	44.0	
7. 0	I-270 NB	* 221645.0	585851.0	221380.0	586145.0	*	396.	318. AG	2475.	3.8	.0	44.0	
8. 0	I-270 SB	* 221380.0	586145.0	221601.0	585786.0	*	430.	137. AG	5650.	2.9	.0	44.0	
9. 0	I-270 SB	* 221601.0	585786.0	221837.0	585562.0	*	325.	134. AG	5650.	2.9	.0	44.0	
10. 0	I-270 SB	* 221837.0	585562.0	222205.0	585281.0	*	463.	127. AG	5650.	2.9	.0	44.0	
11. 0	I-270 SB	* 222205.0	585281.0	222704.0	584927.0	*	612.	125. AG	5650.	2.9	.0	44.0	
12. 0	I-270 SB	* 222704.0	584927.0	222841.0	584797.0	*	189.	133. AG	5650.	2.9	.0	44.0	
13. 0	I-270 SB	* 222841.0	584797.0	223014.0	584599.0	*	263.	139. AG	5650.	2.9	.0	44.0	
14. 0	I-270 SB	* 223014.0	584599.0	223134.0	584410.0	*	224.	148. AG	5650.	2.9	.0	44.0	

JOB: I-270 SITE 21 L.BEN.PARK (NB30AM)
 DATE: 12/19/2006 TIME: 10:42:50.60

RUN: S21 NB30 AM LITTLE BEN. PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK (NB30AM)

RUN: S21 NB30 AM LITTLE BEN. PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.0	.0	.0
130.	.0	.0	.0	.0	.1	.0	.0
135.	.0	.0	.1	.0	.1	.0	.0
140.	.0	.0	.1	.1	.2	.0	.0
145.	.0	.1	.1	.1	.3	.0	.0
150.	.0	.2	.1	.1	.2	.0	.0
155.	.0	.2	.2	.1	.2	.0	.0
160.	.0	.2	.2	.2	.2	.0	.0
165.	.0	.2	.2	.2	.2	.1	.1

```

170. * .0 .1 .2 .2 .3 .1 .1
175. * .0 .2 .2 .2 .3 .1 .1
180. * .0 .2 .2 .2 .2 .1 .0
185. * .1 .2 .2 .2 .2 .1 .1
190. * .1 .2 .2 .2 .2 .1 .1
195. * .1 .2 .2 .2 .2 .0 .2
200. * .0 .2 .2 .2 .2 .1 .2
205. * .0 .2 .2 .2 .2 .2 .2

```

S21NB30A.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (NB30AM)

RUN: S21 NB30 AM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .0 .2 .2 .2 .2 .2 .2
215. * .0 .2 .2 .2 .2 .2 .2
220. * .1 .2 .2 .2 .2 .1 .2
225. * .1 .2 .2 .2 .2 .1 .1
230. * .1 .2 .2 .2 .2 .1 .2
235. * .0 .2 .2 .2 .2 .1 .1
240. * .0 .1 .2 .2 .3 .1 .1
245. * .0 .1 .2 .2 .2 .1 .2
250. * .1 .1 .3 .2 .2 .0 .1
255. * .1 .2 .3 .2 .2 .1 .2
260. * .1 .1 .3 .3 .3 .2 .2
265. * .0 .2 .2 .3 .3 .2 .2
270. * .0 .2 .2 .3 .2 .0 .2
275. * .0 .2 .2 .2 .2 .0 .2
280. * .0 .2 .2 .2 .2 .0 .2
285. * .0 .1 .2 .2 .2 .0 .1
290. * .0 .1 .2 .2 .3 .0 .1
295. * .0 .0 .2 .0 .2 .0 .0
300. * .0 .0 .0 .0 .2 .0 .0
305. * .0 .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .1 .2 .3 .3 .3 .2 .2
DEGR. * 185 150 250 260 145 160 195

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 250 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 260 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 145 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK (NB30AM)
 DATE: 12/19/2006 TIME: 10:42:50.60

RUN: S21 NB30 AM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 185 150 250 260 145 160 195
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .0 .0 .0 .0 .0
4 * .0 .1 .1 .1 .1 .1 .0
5 * .0 .0 .0 .0 .1 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .1 .0 .1 .1 .0 .0 .0
11 * .0 .1 .1 .1 .1 .1 .0
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .1
14 * .0 .0 .0 .0 .0 .0 .0

```

			S21NB30P.DAT		
I-270 SITE 21 L.BEN.PARK (NB30PM)	60.0175.0.0000.000	70.30480000	1	1	
1 ES NEAR PARK BLDGS	222122.	586103.	5.0		
2 PARK BLDGS & ROW	222290.	585656.	5.0		
3 PARK ROW	222498.	585388.	5.0		
4 PARK ROW	222565.	585361.	5.0		
5 PARK ROW	222172.	585607.	5.0		
6 POOL	222356.	585759.	5.0		
7 ROW	223117.	585084.	5.0		
S21 NB30 PM LITTLE BEN. PK	14	1	1		
0 1	I-270 NB	AG223294.584480.223118.584748.	5425 2.9	0 44.	40
0 1	I-270 NB	AG223118.584748.222920.584955.	5425 2.9	0 44.	40
0 1	I-270 NB	AG222920.584955.222747.585101.	5425 2.9	0 44.	40
0 1	I-270 NB	AG222747.585101.222343.585352.	5425 2.9	0 44.	40
0 1	I-270 NB	AG222343.585352.222042.585531.	5425 2.9	0 44.	40
0 1	I-270 NB	AG222042.585531.221645.585851.	5425 2.9	0 44.	40
0 1	I-270 NB	AG221645.585851.221380.586145.	5425 2.9	0 44.	40
0 1	I-270 SB	AG221309.586101.221601.585786.	2700 3.8	0 44.	58
0 1	I-270 SB	AG221601.585786.221837.585562.	2700 3.8	0 44.	58
0 1	I-270 SB	AG221837.585562.222205.585281.	2700 3.8	0 44.	58
0 1	I-270 SB	AG222205.585281.222704.584927.	2700 3.8	0 44.	58
0 1	I-270 SB	AG222704.584927.222841.584797.	2700 3.8	0 44.	58
0 1	I-270 SB	AG222841.584797.223014.584599.	2700 3.8	0 44.	58
0 1	I-270 SB	AG223014.584599.223134.584410.	2700 3.8	0 44.	58
1.0 04 1000. 0.0Y	5	0 72			

JOB: I-270 SITE 21 L.BEN.PARK (NB30PM)
DATE: 12/19/2006 TIME: 10:45:16.15

RUN: S21 NB30 PM LITTLE BEN. PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 0	I-270 NB	* 223294.0	584480.0	223118.0	584748.0	*	321.	327. AG	5425.	2.9	.0	44.0	
2. 0	I-270 NB	* 223118.0	584748.0	222920.0	584955.0	*	286.	316. AG	5425.	2.9	.0	44.0	
3. 0	I-270 NB	* 222920.0	584955.0	222747.0	585101.0	*	226.	310. AG	5425.	2.9	.0	44.0	
4. 0	I-270 NB	* 222747.0	585101.0	222343.0	585352.0	*	476.	302. AG	5425.	2.9	.0	44.0	
5. 0	I-270 NB	* 222343.0	585352.0	222042.0	585531.0	*	350.	301. AG	5425.	2.9	.0	44.0	
6. 0	I-270 NB	* 222042.0	585531.0	221645.0	585851.0	*	510.	309. AG	5425.	2.9	.0	44.0	
7. 0	I-270 NB	* 221645.0	585851.0	221380.0	586145.0	*	396.	318. AG	5425.	2.9	.0	44.0	
8. 0	I-270 SB	* 221380.0	586145.0	221601.0	585786.0	*	430.	137. AG	2700.	3.8	.0	44.0	
9. 0	I-270 SB	* 221601.0	585786.0	221837.0	585562.0	*	325.	134. AG	2700.	3.8	.0	44.0	
10. 0	I-270 SB	* 221837.0	585562.0	222205.0	585281.0	*	463.	127. AG	2700.	3.8	.0	44.0	
11. 0	I-270 SB	* 222205.0	585281.0	222704.0	584927.0	*	612.	125. AG	2700.	3.8	.0	44.0	
12. 0	I-270 SB	* 222704.0	584927.0	222841.0	584797.0	*	189.	133. AG	2700.	3.8	.0	44.0	
13. 0	I-270 SB	* 222841.0	584797.0	223014.0	584599.0	*	263.	139. AG	2700.	3.8	.0	44.0	
14. 0	I-270 SB	* 223014.0	584599.0	223134.0	584410.0	*	224.	148. AG	2700.	3.8	.0	44.0	

JOB: I-270 SITE 21 L.BEN.PARK (NB30PM)
DATE: 12/19/2006 TIME: 10:45:16.15

RUN: S21 NB30 PM LITTLE BEN. PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK (NB30PM)

RUN: S21 NB30 PM LITTLE BEN. PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0
130.	.0	.0	.2	.1	.1	.0	.0
135.	.0	.1	.2	.2	.1	.0	.0
140.	.0	.1	.2	.3	.2	.0	.0
145.	.0	.1	.3	.2	.3	.0	.0
150.	.0	.1	.2	.3	.3	.1	.0
155.	.0	.1	.2	.2	.4	.1	.0
160.	.0	.2	.3	.2	.3	.1	.1
165.	.0	.2	.3	.2	.3	.1	.1

```

170. * .1 .3 .3 .3 .3 .1 .1
175. * .1 .2 .3 .3 .2 .1 .2
180. * .0 .2 .3 .3 .3 .1 .2
185. * .0 .1 .3 .3 .3 .1 .2
190. * .0 .1 .3 .3 .3 .1 .1
195. * .1 .1 .3 .3 .3 .1 .1
200. * .1 .1 .3 .3 .3 .1 .1
205. * .1 .2 .3 .3 .3 .1 .1

```

S21NB30P.OUT

1

JOB: I-270 SITE 21 L.BEN.PARK (NB30PM)

RUN: S21 NB30 PM LITTLE BEN. PK

PAGE 4

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7
-----*-----
210. * .1 .2 .3 .3 .3 .1 .1
215. * .1 .2 .3 .3 .3 .1 .1
220. * .1 .2 .3 .3 .3 .1 .1
225. * .1 .2 .3 .3 .3 .1 .1
230. * .1 .2 .3 .3 .2 .1 .1
235. * .1 .2 .3 .3 .3 .0 .2
240. * .0 .2 .3 .3 .3 .1 .1
245. * .0 .3 .3 .3 .3 .1 .1
250. * .1 .1 .3 .3 .2 .1 .1
255. * .1 .1 .3 .2 .3 .1 .1
260. * .1 .1 .3 .3 .3 .1 .2
265. * .1 .1 .4 .3 .2 .1 .2
270. * .0 .1 .3 .3 .3 .1 .3
275. * .0 .1 .3 .3 .3 .1 .3
280. * .0 .1 .3 .2 .3 .0 .1
285. * .0 .1 .3 .2 .3 .0 .1
290. * .0 .1 .2 .2 .2 .0 .1
295. * .0 .0 .2 .2 .2 .0 .1
300. * .0 .0 .1 .1 .2 .0 .0
305. * .0 .0 .1 .0 .2 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----*-----
MAX * .1 .3 .4 .3 .4 .1 .3
DEGR. * 170 170 265 140 155 150 270

```

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 265 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 155 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 170 DEGREES FROM REC2 .

```

1

JOB: I-270 SITE 21 L.BEN.PARK (NB30PM)
DATE: 12/19/2006 TIME: 10:45:16.15

RUN: S21 NB30 PM LITTLE BEN. PK

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7
LINK # * 170 170 265 140 155 150 270
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0
2 * .0 .0 .0 .1 .0 .0 .0
3 * .0 .0 .0 .1 .0 .0 .1
4 * .0 .1 .1 .1 .1 .1 .1
5 * .1 .1 .2 .0 .2 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .1 .0 .0 .0 .0
11 * .0 .1 .0 .0 .1 .0 .1
12 * .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0

```

S21B130A.DAT

I-270 SITE 21 L.BEN.PARK B130AM	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 B130AM LITTLE BEN PK	48	1	1	

1	I-270	NB	AG221272.586321.221453.586108.	1775.	3.8	0	44	58.
1	I-270	NB	AG221453.586108.221639.585914.	1775.	3.8	0	44	58.
1	I-270	NB	AG221639.585914.221819.585758.	1775.	3.8	0	44	58.
1	I-270	NB	AG221819.585758.222023.585607.	1775.	3.8	0	44	58.
1	I-270	NB	AG222023.585607.222219.585478.	1775.	3.8	0	44	58.
1	I-270	NB	AG222219.585478.222620.585245.	1775.	3.8	0	44	58.
1	I-270	NB	AG222620.585245.222825.585106.	1775.	3.8	0	44	58.
1	I-270	NB	AG222825.585106.222997.584958.	1775.	3.8	0	44	58.
1	I-270	NB	AG222997.584958.223131.584814.	1775.	3.8	0	44	58.
1	I-270	NB	AG223131.584814.223251.584663.	1775.	3.8	0	44	58.
1	I-270	NB	AG223251.584663.223333.584527.	1775.	3.8	0	44	58.
1	I-270	NB	AG223333.584527.223399.584404.	1775.	3.8	0	44	58.
1	I-270	NB	AG223399.584404.223454.584282.	1775.	3.8	0	44	58.
1	I-270	NB ETL	AG221244.586287.221363.586141.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG221363.586141.221499.585995.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG221499.585995.221607.585885.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG221607.585885.221807.585712.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG221807.585712.221935.585616.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG221935.585616.222129.585486.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG222129.585486.222643.585181.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG222643.585181.222775.585093.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG222775.585093.222938.584955.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG222938.584955.223070.584819.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG223070.584819.223188.584671.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG223188.584671.223320.584468.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG223320.584468.223381.584337.	925.	3.8	0	32	58.
1	I-270	NB ETL	AG223381.584337.223421.584247.	925.	3.8	0	32	58.
1	I-270	SB	AG223236.584106.223156.584290.	4225.	3.8	0	44	58.
1	I-270	SB	AG223156.584290.223053.584464.	4225.	3.8	0	44	58.
1	I-270	SB	AG223053.584464.222944.584614.	4225.	3.8	0	44	58.
1	I-270	SB	AG222944.584614.222808.584767.	4225.	3.8	0	44	58.
1	I-270	SB	AG222808.584767.222697.584868.	4225.	3.8	0	44	58.
1	I-270	SB	AG222697.584868.222497.585017.	4225.	3.8	0	44	58.
1	I-270	SB	AG222497.585017.222065.585313.	4225.	3.8	0	44	58.
1	I-270	SB	AG222065.585313.221710.585634.	4225.	3.8	0	44	58.
1	I-270	SB	AG221710.585634.221338.586022.	4225.	3.8	0	44	58.
1	I-270	SB	AG221338.586022.221183.586210.	4225.	3.8	0	44	58.
1	I-270	SB ETL	AG223272.584133.223192.584307.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG223192.584307.223095.584481.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG223095.584481.222959.584662.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222959.584662.222825.584810.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222825.584810.222717.584904.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222717.584904.222561.585026.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222561.585026.222248.585240.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222248.585240.222036.585401.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG222036.585401.221759.585655.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG221759.585655.221483.585936.	1675.	3.8	0	32	58.
1	I-270	SB ETL	AG221483.585936.221215.586244.	1675.	3.8	0	32	58.

1.0 04 1000. 0.0Y 5 0 72

JOB: I-270 SITE 21 L.BEN.PARK B130AM
DATE: 12/22/2006 TIME: 22:34:55.82

RUN: S21 B130AM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	1775.	3.8	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	1775.	3.8	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	1775.	3.8	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	1775.	3.8	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	1775.	3.8	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	1775.	3.8	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	1775.	3.8	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	1775.	3.8	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	1775.	3.8	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	1775.	3.8	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	1775.	3.8	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	1775.	3.8	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	1775.	3.8	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	925.	3.8	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	925.	3.8	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	925.	3.8	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	925.	3.8	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	925.	3.8	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	925.	3.8	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	925.	3.8	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	925.	3.8	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	925.	3.8	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	925.	3.8	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	925.	3.8	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	925.	3.8	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	925.	3.8	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	925.	3.8	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	4225.	3.8	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	4225.	3.8	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	4225.	3.8	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	4225.	3.8	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	4225.	3.8	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	4225.	3.8	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	4225.	3.8	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	4225.	3.8	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	4225.	3.8	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	4225.	3.8	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	1675.	3.8	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	1675.	3.8	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	1675.	3.8	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	1675.	3.8	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	1675.	3.8	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	1675.	3.8	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	1675.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B130AM
DATE: 12/22/2006 TIME: 22:34:55.82

RUN: S21 B130AM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	1675.	3.8	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	1675.	3.8	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	1675.	3.8	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	1675.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B130AM
DATE: 12/22/2006 TIME: 22:34:55.82

RUN: S21 B130AM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B130AM

RUN: S21 B130AM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.1	.0	.1	.0	.0
130.	.0	.0	.2	.1	.1	.0	.0
135.	.0	.0	.2	.1	.1	.0	.0
140.	.0	.0	.2	.1	.1	.0	.0
145.	.0	.0	.1	.1	.1	.0	.0
150.	.0	.1	.1	.2	.2	.0	.0
155.	.0	.1	.1	.2	.3	.0	.0
160.	.0	.1	.2	.1	.3	.0	.0
165.	.0	.2	.2	.2	.2	.0	.0
170.	.0	.2	.2	.2	.2	.0	.0
175.	.0	.2	.2	.2	.2	.1	.0
180.	.0	.2	.3	.2	.2	.1	.0
185.	.0	.2	.2	.2	.2	.1	.1
190.	.0	.1	.2	.2	.2	.1	.1
195.	.1	.1	.2	.2	.2	.1	.1
200.	.1	.1	.2	.2	.3	.1	.1
205.	.1	.1	.2	.2	.2	.1	.2

1

JOB: I-270 SITE 21 L.BEN.PARK B130AM

RUN: S21 B130AM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
210.	.1	.1	.2	.2	.2	.0	.2
215.	.0	.1	.2	.2	.2	.0	.1
220.	.0	.2	.2	.2	.2	.1	.0
225.	.0	.2	.2	.2	.2	.1	.0
230.	.0	.2	.2	.2	.2	.1	.0
235.	.1	.2	.2	.2	.2	.1	.0
240.	.1	.2	.2	.2	.2	.1	.1
245.	.1	.2	.2	.2	.2	.1	.1
250.	.1	.2	.2	.2	.2	.1	.2
255.	.1	.1	.2	.2	.2	.0	.2
260.	.0	.1	.2	.2	.2	.0	.2
265.	.0	.1	.2	.2	.2	.0	.1
270.	.0	.0	.2	.2	.3	.1	.1
275.	.0	.1	.2	.2	.4	.1	.1
280.	.0	.1	.2	.2	.2	.1	.1
285.	.0	.1	.2	.2	.2	.0	.0
290.	.0	.1	.2	.1	.2	.0	.0
295.	.0	.0	.1	.1	.2	.0	.0
300.	.0	.0	.0	.0	.1	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.3	.2	.4	.1	.2
DEGR.	195	165	180	150	275	175	205

THE HIGHEST CONCENTRATION IS .40 PPM AT 275 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 180 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 165 DEGREES FROM REC2 .

1

JOB: I-270 SITE 21 L.BEN.PARK B130AM
DATE: 12/22/2006 TIME: 22:34:55.82

RUN: S21 B130AM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

S21B130A.OUT

LINK #	CO/LINK (PPM) ANGLE (DEGREES)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
	195	165	180	150	275	175	205
1	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.1	.0	.0
5	.0	.0	.0	.0	.1	.0	.0
6	.0	.1	.1	.1	.0	.0	.0
7	.0	.0	.0	.1	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.1
10	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1
32	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.1	.0	.0	.0	.0
34	.0	.1	.1	.0	.0	.1	.0
35	.1	.0	.0	.0	.1	.0	.0
36	.0	.0	.0	.0	.1	.0	.0
37	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B130AM

RUN: S21 B130AM LITTLE BEN PK

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
	195	165	180	150	275	175	205
46	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0

S21B130P.DAT

I-270 SITE 21 L.BEN.PARK B130PM	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 B130PM LITTLE BEN PK	48	1	1	

1	I-270	NB	AG221272.586321.221453.586108.	4625.	3.8	0	44	58.
1	I-270	NB	AG221453.586108.221639.585914.	4625.	3.8	0	44	58.
1	I-270	NB	AG221639.585914.221819.585758.	4625.	3.8	0	44	58.
1	I-270	NB	AG221819.585758.222023.585607.	4625.	3.8	0	44	58.
1	I-270	NB	AG222023.585607.222219.585478.	4625.	3.8	0	44	58.
1	I-270	NB	AG222219.585478.222620.585245.	4625.	3.8	0	44	58.
1	I-270	NB	AG222620.585245.222825.585106.	4625.	3.8	0	44	58.
1	I-270	NB	AG222825.585106.222997.584958.	4625.	3.8	0	44	58.
1	I-270	NB	AG222997.584958.223131.584814.	4625.	3.8	0	44	58.
1	I-270	NB	AG223131.584814.223251.584663.	4625.	3.8	0	44	58.
1	I-270	NB	AG223251.584663.223333.584527.	4625.	3.8	0	44	58.
1	I-270	NB	AG223333.584527.223399.584404.	4625.	3.8	0	44	58.
1	I-270	NB	AG223399.584404.223454.584282.	4625.	3.8	0	44	58.
1	I-270	NB ETL	AG221244.586287.221363.586141.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG221363.586141.221499.585995.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG221499.585995.221607.585885.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG221607.585885.221807.585712.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG221807.585712.221935.585616.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG221935.585616.222129.585486.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG222129.585486.222643.585181.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG222643.585181.222775.585093.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG222775.585093.222938.584955.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG222938.584955.223070.584819.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG223070.584819.223188.584671.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG223188.584671.223320.584468.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG223320.584468.223381.584337.	1550.	3.8	0	32	58.
1	I-270	NB ETL	AG223381.584337.223421.584247.	1550.	3.8	0	32	58.
1	I-270	SB	AG223236.584106.223156.584290.	2225.	3.8	0	44	58.
1	I-270	SB	AG223156.584290.223053.584464.	2225.	3.8	0	44	58.
1	I-270	SB	AG223053.584464.222944.584614.	2225.	3.8	0	44	58.
1	I-270	SB	AG222944.584614.222808.584767.	2225.	3.8	0	44	58.
1	I-270	SB	AG222808.584767.222697.584868.	2225.	3.8	0	44	58.
1	I-270	SB	AG222697.584868.222497.585017.	2225.	3.8	0	44	58.
1	I-270	SB	AG222497.585017.222065.585313.	2225.	3.8	0	44	58.
1	I-270	SB	AG222065.585313.221710.585634.	2225.	3.8	0	44	58.
1	I-270	SB	AG221710.585634.221338.586022.	2225.	3.8	0	44	58.
1	I-270	SB	AG221338.586022.221183.586210.	2225.	3.8	0	44	58.
1	I-270	SB ETL	AG223272.584133.223192.584307.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG223192.584307.223095.584481.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG223095.584481.222959.584662.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222959.584662.222825.584810.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222825.584810.222717.584904.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222717.584904.222561.585026.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222561.585026.222248.585240.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222248.585240.222036.585401.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG222036.585401.221759.585655.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG221759.585655.221483.585936.	425.	3.8	0	32	58.
1	I-270	SB ETL	AG221483.585936.221215.586244.	425.	3.8	0	32	58.

1.0 04 1000. 0.0Y 5 0 72

JOB: I-270 SITE 21 L.BEN.PARK B130PM
DATE: 12/22/2006 TIME: 22:35:45.42

RUN: S21 B130PM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	4625.	3.8	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	4625.	3.8	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	4625.	3.8	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	4625.	3.8	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	4625.	3.8	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	4625.	3.8	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	4625.	3.8	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	4625.	3.8	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	4625.	3.8	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	4625.	3.8	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	4625.	3.8	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	4625.	3.8	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	4625.	3.8	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	1550.	3.8	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	1550.	3.8	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	1550.	3.8	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	1550.	3.8	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	1550.	3.8	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	1550.	3.8	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	1550.	3.8	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	1550.	3.8	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	1550.	3.8	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	1550.	3.8	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	1550.	3.8	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	1550.	3.8	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	1550.	3.8	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	1550.	3.8	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	2225.	3.8	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	2225.	3.8	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	2225.	3.8	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	2225.	3.8	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	2225.	3.8	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	2225.	3.8	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	2225.	3.8	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	2225.	3.8	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	2225.	3.8	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	2225.	3.8	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	425.	3.8	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	425.	3.8	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	425.	3.8	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	425.	3.8	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	425.	3.8	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	425.	3.8	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	425.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B130PM
DATE: 12/22/2006 TIME: 22:35:45.42

RUN: S21 B130PM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	425.	3.8	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	425.	3.8	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	425.	3.8	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	425.	3.8	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B130PM
DATE: 12/22/2006 TIME: 22:35:45.42

RUN: S21 B130PM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B130PM

RUN: S21 B130PM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.1	.0	.1	.0	.0
120.	.0	.0	.1	.1	.1	.0	.0
125.	.0	.0	.3	.2	.2	.0	.0
130.	.0	.0	.4	.3	.2	.0	.0
135.	.0	.2	.5	.3	.4	.0	.0
140.	.0	.2	.4	.4	.4	.0	.0
145.	.0	.1	.4	.4	.5	.0	.0
150.	.0	.2	.5	.4	.4	.1	.0
155.	.1	.2	.6	.4	.4	.1	.1
160.	.1	.2	.5	.3	.5	.1	.1
165.	.1	.2	.5	.5	.5	.1	.1
170.	.0	.2	.5	.5	.5	.1	.2
175.	.1	.2	.4	.4	.5	.1	.2
180.	.1	.2	.4	.4	.5	.1	.2
185.	.1	.1	.4	.4	.5	.1	.1
190.	.0	.1	.4	.4	.3	.1	.2
195.	.1	.2	.4	.4	.3	.1	.2
200.	.1	.2	.5	.4	.3	.1	.2
205.	.1	.2	.5	.4	.3	.2	.2

1

JOB: I-270 SITE 21 L.BEN.PARK B130PM

RUN: S21 B130PM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
210.	.1	.1	.5	.4	.3	.1	.1
215.	.1	.1	.5	.5	.5	.1	.1
220.	.0	.1	.5	.5	.5	.1	.2
225.	.1	.2	.5	.5	.5	.1	.2
230.	.1	.2	.5	.5	.5	.1	.2
235.	.1	.2	.5	.5	.5	.1	.1
240.	.1	.2	.5	.5	.5	.1	.1
245.	.1	.1	.6	.5	.5	.2	.2
250.	.0	.1	.5	.5	.5	.1	.2
255.	.1	.2	.5	.4	.5	.1	.2
260.	.1	.2	.5	.4	.5	.1	.2
265.	.1	.2	.5	.5	.4	.1	.1
270.	.0	.1	.5	.5	.3	.1	.2
275.	.0	.1	.5	.4	.3	.1	.2
280.	.0	.1	.5	.4	.3	.0	.2
285.	.0	.2	.5	.5	.3	.0	.2
290.	.0	.2	.3	.3	.3	.0	.2
295.	.0	.0	.4	.3	.3	.0	.2
300.	.0	.0	.3	.2	.2	.0	.1
305.	.0	.0	.2	.1	.2	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.6	.5	.5	.2	.2
DEGR.	155	135	155	165	145	205	170

THE HIGHEST CONCENTRATION IS .60 PPM AT 155 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 165 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 145 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK B130PM
DATE: 12/22/2006 TIME: 22:35:45.42

RUN: S21 B130PM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 155	REC2 135	REC3 155	REC4 165	REC5 145	REC6 205	REC7 170
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.1	.0
6	*	.1	.1	.4	.3	.3	.1	.0
7	*	.0	.1	.1	.1	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.1
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.1	.1	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B130PM

RUN: S21 B130PM LITTLE BEN PK

PAGE 7

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 155	REC2 135	REC3 155	REC4 165	REC5 145	REC6 205	REC7 170
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

S21B230A.DAT

I-270 SITE 21 L.BEN.PARK B230AM	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 B230AM LITTLE BEN PK	48	1	1	

1	I-270	NB	AG221272.586321.221453.586108.	1650.	3.8	0	44	58.
1	I-270	NB	AG221453.586108.221639.585914.	1650.	3.8	0	44	58.
1	I-270	NB	AG221639.585914.221819.585758.	1650.	3.8	0	44	58.
1	I-270	NB	AG221819.585758.222023.585607.	1650.	3.8	0	44	58.
1	I-270	NB	AG222023.585607.222219.585478.	1650.	3.8	0	44	58.
1	I-270	NB	AG222219.585478.222620.585245.	1650.	3.8	0	44	58.
1	I-270	NB	AG222620.585245.222825.585106.	1650.	3.8	0	44	58.
1	I-270	NB	AG222825.585106.222997.584958.	1650.	3.8	0	44	58.
1	I-270	NB	AG222997.584958.223131.584814.	1650.	3.8	0	44	58.
1	I-270	NB	AG223131.584814.223251.584663.	1650.	3.8	0	44	58.
1	I-270	NB	AG223251.584663.223333.584527.	1650.	3.8	0	44	58.
1	I-270	NB	AG223333.584527.223399.584404.	1650.	3.8	0	44	58.
1	I-270	NB	AG223399.584404.223454.584282.	1650.	3.8	0	44	58.
1	I-270	NB ETL	AG221244.586287.221363.586141.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG221363.586141.221499.585995.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG221499.585995.221607.585885.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG221607.585885.221807.585712.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG221807.585712.221935.585616.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG221935.585616.222129.585486.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG222129.585486.222643.585181.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG222643.585181.222775.585093.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG222775.585093.222938.584955.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG222938.584955.223070.584819.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG223070.584819.223188.584671.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG223188.584671.223320.584468.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG223320.584468.223381.584337.	1275.	3.6	0	32	55.
1	I-270	NB ETL	AG223381.584337.223421.584247.	1275.	3.6	0	32	55.
1	I-270	SB	AG223236.584106.223156.584290.	2975.	3.8	0	44	58.
1	I-270	SB	AG223156.584290.223053.584464.	2975.	3.8	0	44	58.
1	I-270	SB	AG223053.584464.222944.584614.	2975.	3.8	0	44	58.
1	I-270	SB	AG222944.584614.222808.584767.	2975.	3.8	0	44	58.
1	I-270	SB	AG222808.584767.222697.584868.	2975.	3.8	0	44	58.
1	I-270	SB	AG222697.584868.222497.585017.	2975.	3.8	0	44	58.
1	I-270	SB	AG222497.585017.222065.585313.	2975.	3.8	0	44	58.
1	I-270	SB	AG222065.585313.221710.585634.	2975.	3.8	0	44	58.
1	I-270	SB	AG221710.585634.221338.586022.	2975.	3.8	0	44	58.
1	I-270	SB	AG221338.586022.221183.586210.	2975.	3.8	0	44	58.
1	I-270	SB ETL	AG223272.584133.223192.584307.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG223192.584307.223095.584481.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG223095.584481.222959.584662.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222959.584662.222825.584810.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222825.584810.222717.584904.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222717.584904.222561.585026.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222561.585026.222248.585240.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222248.585240.222036.585401.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG222036.585401.221759.585655.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG221759.585655.221483.585936.	3350.	3.6	0	32	55.
1	I-270	SB ETL	AG221483.585936.221215.586244.	3350.	3.6	0	32	55.

1.0 04 1000. 0.0Y 5 0 72

JOB: I-270 SITE 21 L.BEN.PARK B230AM
DATE: 12/27/2006 TIME: 11:25:22.60

RUN: S21 B230AM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	1650.	3.8	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	1650.	3.8	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	1650.	3.8	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	1650.	3.8	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	1650.	3.8	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	1650.	3.8	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	1650.	3.8	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	1650.	3.8	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	1650.	3.8	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	1650.	3.8	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	1650.	3.8	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	1650.	3.8	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	1650.	3.8	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	1275.	3.6	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	1275.	3.6	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	1275.	3.6	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	1275.	3.6	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	1275.	3.6	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	1275.	3.6	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	1275.	3.6	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	1275.	3.6	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	1275.	3.6	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	1275.	3.6	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	1275.	3.6	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	1275.	3.6	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	1275.	3.6	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	1275.	3.6	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	2975.	3.8	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	2975.	3.8	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	2975.	3.8	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	2975.	3.8	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	2975.	3.8	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	2975.	3.8	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	2975.	3.8	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	2975.	3.8	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	2975.	3.8	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	2975.	3.8	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	3350.	3.6	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	3350.	3.6	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	3350.	3.6	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	3350.	3.6	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	3350.	3.6	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	3350.	3.6	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	3350.	3.6	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B230AM
DATE: 12/27/2006 TIME: 11:25:22.60

RUN: S21 B230AM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	3350.	3.6	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	3350.	3.6	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	3350.	3.6	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	3350.	3.6	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B230AM
DATE: 12/27/2006 TIME: 11:25:22.60

RUN: S21 B230AM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B230AM

RUN: S21 B230AM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.0	.0	.0	.0	.0
125.	.0	.0	.0	.0	.1	.0	.0
130.	.0	.0	.1	.1	.1	.0	.0
135.	.0	.0	.2	.1	.1	.0	.0
140.	.0	.0	.2	.1	.2	.0	.0
145.	.0	.0	.1	.1	.2	.0	.0
150.	.0	.1	.1	.2	.3	.0	.0
155.	.0	.1	.2	.2	.4	.0	.0
160.	.0	.1	.2	.1	.5	.0	.0
165.	.0	.2	.3	.1	.4	.0	.0
170.	.0	.3	.3	.3	.4	.0	.0
175.	.0	.3	.3	.3	.4	.0	.0
180.	.0	.2	.3	.3	.3	.0	.0
185.	.0	.2	.4	.3	.3	.0	.0
190.	.0	.1	.4	.3	.3	.0	.1
195.	.0	.2	.4	.3	.2	.0	.1
200.	.0	.2	.4	.4	.2	.0	.1
205.	.0	.1	.4	.4	.3	.0	.1

1

JOB: I-270 SITE 21 L.BEN.PARK B230AM

RUN: S21 B230AM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
210.	.0	.1	.4	.4	.2	.0	.0
215.	.0	.1	.4	.4	.2	.0	.0
220.	.0	.1	.4	.4	.3	.0	.0
225.	.0	.2	.4	.4	.3	.0	.0
230.	.0	.2	.4	.4	.3	.0	.0
235.	.0	.3	.4	.4	.4	.0	.0
240.	.0	.3	.3	.4	.4	.0	.1
245.	.0	.3	.4	.4	.4	.0	.1
250.	.0	.2	.4	.3	.4	.0	.1
255.	.0	.2	.4	.3	.3	.0	.1
260.	.0	.1	.3	.4	.3	.0	.1
265.	.0	.0	.3	.3	.3	.0	.1
270.	.0	.0	.4	.3	.4	.0	.0
275.	.0	.0	.3	.3	.2	.0	.0
280.	.0	.0	.4	.2	.3	.0	.0
285.	.0	.0	.1	.1	.3	.0	.0
290.	.0	.0	.1	.1	.3	.0	.0
295.	.0	.0	.1	.1	.2	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.0	.3	.4	.4	.5	.0	.1
DEGR.	0	170	185	200	160	0	190

THE HIGHEST CONCENTRATION IS .50 PPM AT 160 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 185 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC4 .

1

JOB: I-270 SITE 21 L.BEN.PARK B230AM
DATE: 12/27/2006 TIME: 11:25:22.60

RUN: S21 B230AM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

S21B230A.OUT

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1	REC2	REC3	REC4	REC5	REC6	REC7
		0	170	185	200	160	0	190

1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.0	.0
6	*	.0	.1	.1	.1	.1	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.1	.1	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.1	.1	.1	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.1	.1	.1	.1	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B230AM

RUN: S21 B230AM LITTLE BEN PK

PAGE 7

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1	REC2	REC3	REC4	REC5	REC6	REC7
		0	170	185	200	160	0	190

46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

S21B230P.DAT

I-270 SITE 21 L.BEN.PARK B230PM	60.0175.0.0000.000	70.30480000	1	1
1 ES NEAR PARK BLDGS	222122.	586103.	5.0	
2 PARK BLDGS & ROW	222290.	585656.	5.0	
3 PARK ROW	222498.	585388.	5.0	
4 PARK ROW	222565.	585361.	5.0	
5 PARK ROW	222172.	585607.	5.0	
6 POOL	222356.	585759.	5.0	
7 ROW	223117.	585084.	5.0	
S21 B230PM LITTLE BEN PK	48	1	1	

1	I-270	NB	AG221272.586321.221453.586108.	3125.	3.7	0	44	57.
1	I-270	NB	AG221453.586108.221639.585914.	3125.	3.7	0	44	57.
1	I-270	NB	AG221639.585914.221819.585758.	3125.	3.7	0	44	57.
1	I-270	NB	AG221819.585758.222023.585607.	3125.	3.7	0	44	57.
1	I-270	NB	AG222023.585607.222219.585478.	3125.	3.7	0	44	57.
1	I-270	NB	AG222219.585478.222620.585245.	3125.	3.7	0	44	57.
1	I-270	NB	AG222620.585245.222825.585106.	3125.	3.7	0	44	57.
1	I-270	NB	AG222825.585106.222997.584958.	3125.	3.7	0	44	57.
1	I-270	NB	AG222997.584958.223131.584814.	3125.	3.7	0	44	57.
1	I-270	NB	AG223131.584814.223251.584663.	3125.	3.7	0	44	57.
1	I-270	NB	AG223251.584663.223333.584527.	3125.	3.7	0	44	57.
1	I-270	NB	AG223333.584527.223399.584404.	3125.	3.7	0	44	57.
1	I-270	NB	AG223399.584404.223454.584282.	3125.	3.7	0	44	57.
1	I-270	NB ETL	AG221244.586287.221363.586141.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG221363.586141.221499.585995.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG221499.585995.221607.585885.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG221607.585885.221807.585712.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG221807.585712.221935.585616.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG221935.585616.222129.585486.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG222129.585486.222643.585181.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG222643.585181.222775.585093.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG222775.585093.222938.584955.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG222938.584955.223070.584819.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG223070.584819.223188.584671.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG223188.584671.223320.584468.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG223320.584468.223381.584337.	3525.	3.6	0	32	55.
1	I-270	NB ETL	AG223381.584337.223421.584247.	3525.	3.6	0	32	55.
1	I-270	SB	AG223236.584106.223156.584290.	1675.	3.8	0	44	58.
1	I-270	SB	AG223156.584290.223053.584464.	1675.	3.8	0	44	58.
1	I-270	SB	AG223053.584464.222944.584614.	1675.	3.8	0	44	58.
1	I-270	SB	AG222944.584614.222808.584767.	1675.	3.8	0	44	58.
1	I-270	SB	AG222808.584767.222697.584868.	1675.	3.8	0	44	58.
1	I-270	SB	AG222697.584868.222497.585017.	1675.	3.8	0	44	58.
1	I-270	SB	AG222497.585017.222065.585313.	1675.	3.8	0	44	58.
1	I-270	SB	AG222065.585313.221710.585634.	1675.	3.8	0	44	58.
1	I-270	SB	AG221710.585634.221338.586022.	1675.	3.8	0	44	58.
1	I-270	SB	AG221338.586022.221183.586210.	1675.	3.8	0	44	58.
1	I-270	SB ETL	AG223272.584133.223192.584307.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG223192.584307.223095.584481.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG223095.584481.222959.584662.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222959.584662.222825.584810.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222825.584810.222717.584904.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222717.584904.222561.585026.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222561.585026.222248.585240.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222248.585240.222036.585401.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG222036.585401.221759.585655.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG221759.585655.221483.585936.	1075.	3.6	0	32	55.
1	I-270	SB ETL	AG221483.585936.221215.586244.	1075.	3.6	0	32	55.

1.0 04 1000. 0.0Y 5 0 72

JOB: I-270 SITE 21 L.BEN.PARK B230PM
DATE: 12/27/2006 TIME: 11:27:50.08

RUN: S21 B230PM LITTLE BEN PK

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. I-270	NB	* 221272.0	586321.0	221453.0	586108.0	*	280.	140. AG	3125.	3.7	.0	44.0	
2. I-270	NB	* 221453.0	586108.0	221639.0	585914.0	*	269.	136. AG	3125.	3.7	.0	44.0	
3. I-270	NB	* 221639.0	585914.0	221819.0	585758.0	*	238.	131. AG	3125.	3.7	.0	44.0	
4. I-270	NB	* 221819.0	585758.0	222023.0	585607.0	*	254.	127. AG	3125.	3.7	.0	44.0	
5. I-270	NB	* 222023.0	585607.0	222219.0	585478.0	*	235.	123. AG	3125.	3.7	.0	44.0	
6. I-270	NB	* 222219.0	585478.0	222620.0	585245.0	*	464.	120. AG	3125.	3.7	.0	44.0	
7. I-270	NB	* 222620.0	585245.0	222825.0	585106.0	*	248.	124. AG	3125.	3.7	.0	44.0	
8. I-270	NB	* 222825.0	585106.0	222997.0	584958.0	*	227.	131. AG	3125.	3.7	.0	44.0	
9. I-270	NB	* 222997.0	584958.0	223131.0	584814.0	*	197.	137. AG	3125.	3.7	.0	44.0	
10. I-270	NB	* 223131.0	584814.0	223251.0	584663.0	*	193.	142. AG	3125.	3.7	.0	44.0	
11. I-270	NB	* 223251.0	584663.0	223333.0	584527.0	*	159.	149. AG	3125.	3.7	.0	44.0	
12. I-270	NB	* 223333.0	584527.0	223399.0	584404.0	*	140.	152. AG	3125.	3.7	.0	44.0	
13. I-270	NB	* 223399.0	584404.0	223454.0	584282.0	*	134.	156. AG	3125.	3.7	.0	44.0	
14. I-270	NB ETL	* 221244.0	586287.0	221363.0	586141.0	*	188.	141. AG	3525.	3.6	.0	32.0	
15. I-270	NB ETL	* 221363.0	586141.0	221499.0	585995.0	*	200.	137. AG	3525.	3.6	.0	32.0	
16. I-270	NB ETL	* 221499.0	585995.0	221607.0	585885.0	*	154.	136. AG	3525.	3.6	.0	32.0	
17. I-270	NB ETL	* 221607.0	585885.0	221807.0	585712.0	*	264.	131. AG	3525.	3.6	.0	32.0	
18. I-270	NB ETL	* 221807.0	585712.0	221935.0	585616.0	*	160.	127. AG	3525.	3.6	.0	32.0	
19. I-270	NB ETL	* 221935.0	585616.0	222129.0	585486.0	*	234.	124. AG	3525.	3.6	.0	32.0	
20. I-270	NB ETL	* 222129.0	585486.0	222643.0	585181.0	*	598.	121. AG	3525.	3.6	.0	32.0	
21. I-270	NB ETL	* 222643.0	585181.0	222775.0	585093.0	*	159.	124. AG	3525.	3.6	.0	32.0	
22. I-270	NB ETL	* 222775.0	585093.0	222938.0	584955.0	*	214.	130. AG	3525.	3.6	.0	32.0	
23. I-270	NB ETL	* 222938.0	584955.0	223070.0	584819.0	*	190.	136. AG	3525.	3.6	.0	32.0	
24. I-270	NB ETL	* 223070.0	584819.0	223188.0	584671.0	*	189.	141. AG	3525.	3.6	.0	32.0	
25. I-270	NB ETL	* 223188.0	584671.0	223320.0	584468.0	*	242.	147. AG	3525.	3.6	.0	32.0	
26. I-270	NB ETL	* 223320.0	584468.0	223381.0	584337.0	*	144.	155. AG	3525.	3.6	.0	32.0	
27. I-270	NB ETL	* 223381.0	584337.0	223421.0	584247.0	*	98.	156. AG	3525.	3.6	.0	32.0	
28. I-270	SB	* 223236.0	584106.0	223156.0	584290.0	*	201.	337. AG	1675.	3.8	.0	44.0	
29. I-270	SB	* 223156.0	584290.0	223053.0	584464.0	*	202.	329. AG	1675.	3.8	.0	44.0	
30. I-270	SB	* 223053.0	584464.0	222944.0	584614.0	*	185.	324. AG	1675.	3.8	.0	44.0	
31. I-270	SB	* 222944.0	584614.0	222808.0	584767.0	*	205.	318. AG	1675.	3.8	.0	44.0	
32. I-270	SB	* 222808.0	584767.0	222697.0	584868.0	*	150.	312. AG	1675.	3.8	.0	44.0	
33. I-270	SB	* 222697.0	584868.0	222497.0	585017.0	*	249.	307. AG	1675.	3.8	.0	44.0	
34. I-270	SB	* 222497.0	585017.0	222065.0	585313.0	*	524.	304. AG	1675.	3.8	.0	44.0	
35. I-270	SB	* 222065.0	585313.0	221710.0	585634.0	*	479.	312. AG	1675.	3.8	.0	44.0	
36. I-270	SB	* 221710.0	585634.0	221338.0	586022.0	*	538.	316. AG	1675.	3.8	.0	44.0	
37. I-270	SB	* 221338.0	586022.0	221183.0	586210.0	*	244.	321. AG	1675.	3.8	.0	44.0	
38. I-270	SB ETL	* 223272.0	584133.0	223192.0	584307.0	*	192.	335. AG	1075.	3.6	.0	32.0	
39. I-270	SB ETL	* 223192.0	584307.0	223095.0	584481.0	*	199.	331. AG	1075.	3.6	.0	32.0	
40. I-270	SB ETL	* 223095.0	584481.0	222959.0	584662.0	*	226.	323. AG	1075.	3.6	.0	32.0	
41. I-270	SB ETL	* 222959.0	584662.0	222825.0	584810.0	*	200.	318. AG	1075.	3.6	.0	32.0	
42. I-270	SB ETL	* 222825.0	584810.0	222717.0	584904.0	*	143.	311. AG	1075.	3.6	.0	32.0	
43. I-270	SB ETL	* 222717.0	584904.0	222561.0	585026.0	*	198.	308. AG	1075.	3.6	.0	32.0	
44. I-270	SB ETL	* 222561.0	585026.0	222248.0	585240.0	*	379.	304. AG	1075.	3.6	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B230PM
DATE: 12/27/2006 TIME: 11:27:50.08

RUN: S21 B230PM LITTLE BEN PK

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. I-270	SB ETL	* 222248.0	585240.0	222036.0	585401.0	*	266.	307. AG	1075.	3.6	.0	32.0	
46. I-270	SB ETL	* 222036.0	585401.0	221759.0	585655.0	*	376.	313. AG	1075.	3.6	.0	32.0	
47. I-270	SB ETL	* 221759.0	585655.0	221483.0	585936.0	*	394.	316. AG	1075.	3.6	.0	32.0	
48. I-270	SB ETL	* 221483.0	585936.0	221215.0	586244.0	*	408.	319. AG	1075.	3.6	.0	32.0	

JOB: I-270 SITE 21 L.BEN.PARK B230PM
DATE: 12/27/2006 TIME: 11:27:50.08

RUN: S21 B230PM LITTLE BEN PK

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. 1 ES NEAR PARK BLDGS	*	222122.0	586103.0	5.0	*
2. 2 PARK BLDGS & ROW	*	222290.0	585656.0	5.0	*
3. 3 PARK ROW	*	222498.0	585388.0	5.0	*
4. 4 PARK ROW	*	222565.0	585361.0	5.0	*
5. 5 PARK ROW	*	222172.0	585607.0	5.0	*
6. 6 POOL	*	222356.0	585759.0	5.0	*
7. 7 ROW	*	223117.0	585084.0	5.0	*

JOB: I-270 SITE 21 L.BEN.PARK B230PM

RUN: S21 B230PM LITTLE BEN PK

MODEL RESULTS

REMARKS : In search of the angle corresponding to

the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
0.	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0
25.	.0	.0	.0	.0	.0	.0	.0
30.	.0	.0	.0	.0	.0	.0	.0
35.	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.0	.0
45.	.0	.0	.0	.0	.0	.0	.0
50.	.0	.0	.0	.0	.0	.0	.0
55.	.0	.0	.0	.0	.0	.0	.0
60.	.0	.0	.0	.0	.0	.0	.0
65.	.0	.0	.0	.0	.0	.0	.0
70.	.0	.0	.0	.0	.0	.0	.0
75.	.0	.0	.0	.0	.0	.0	.0
80.	.0	.0	.0	.0	.0	.0	.0
85.	.0	.0	.0	.0	.0	.0	.0
90.	.0	.0	.0	.0	.0	.0	.0
95.	.0	.0	.0	.0	.0	.0	.0
100.	.0	.0	.0	.0	.0	.0	.0
105.	.0	.0	.0	.0	.0	.0	.0
110.	.0	.0	.0	.0	.0	.0	.0
115.	.0	.0	.0	.0	.0	.0	.0
120.	.0	.0	.1	.0	.1	.0	.0
125.	.0	.0	.2	.1	.2	.0	.0
130.	.0	.0	.2	.1	.2	.0	.0
135.	.0	.0	.3	.4	.3	.0	.0
140.	.0	.1	.5	.4	.3	.0	.0
145.	.0	.2	.5	.5	.4	.0	.0
150.	.0	.2	.4	.4	.5	.0	.0
155.	.0	.2	.3	.4	.4	.1	.0
160.	.0	.2	.4	.5	.4	.2	.1
165.	.0	.2	.4	.4	.4	.2	.1
170.	.0	.2	.4	.3	.3	.2	.2
175.	.0	.2	.4	.3	.3	.2	.3
180.	.0	.2	.4	.3	.3	.2	.2
185.	.0	.2	.4	.3	.3	.2	.2
190.	.0	.2	.4	.3	.3	.2	.2
195.	.0	.2	.4	.3	.4	.2	.2
200.	.0	.2	.4	.3	.4	.2	.2
205.	.0	.2	.4	.3	.3	.1	.2

1

JOB: I-270 SITE 21 L.BEN.PARK B230PM

RUN: S21 B230PM LITTLE BEN PK

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
210.	.0	.2	.4	.3	.3	.1	.2
215.	.0	.2	.4	.3	.3	.1	.2
220.	.0	.2	.4	.3	.3	.1	.2
225.	.0	.1	.4	.3	.3	.1	.3
230.	.0	.2	.3	.3	.3	.2	.2
235.	.0	.2	.4	.3	.3	.2	.2
240.	.0	.2	.4	.4	.3	.2	.2
245.	.0	.2	.4	.4	.3	.0	.2
250.	.0	.2	.4	.4	.3	.0	.2
255.	.0	.2	.4	.4	.3	.1	.2
260.	.0	.3	.5	.4	.3	.1	.2
265.	.0	.1	.5	.4	.3	.1	.2
270.	.0	.1	.5	.4	.4	.0	.2
275.	.0	.1	.4	.4	.4	.0	.2
280.	.0	.1	.3	.3	.3	.0	.2
285.	.0	.1	.4	.3	.2	.0	.2
290.	.0	.0	.5	.3	.3	.0	.3
295.	.0	.0	.2	.3	.2	.0	.2
300.	.0	.0	.2	.1	.1	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0
MAX	.0	.3	.5	.5	.5	.2	.3
DEGR.	0	260	140	145	150	160	175

THE HIGHEST CONCENTRATION IS .50 PPM AT 140 DEGREES FROM REC3 .
THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 145 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 150 DEGREES FROM REC5 .

1

JOB: I-270 SITE 21 L.BEN.PARK B230PM
DATE: 12/27/2006 TIME: 11:27:50.08

RUN: S21 B230PM LITTLE BEN PK

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 0	REC2 260	REC3 140	REC4 145	REC5 150	REC6 160	REC7 175
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.1	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.1	.0	.0
6	*	.0	.0	.2	.1	.2	.1	.0
7	*	.0	.0	.1	.2	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.1
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.0	.2	.1	.0
21	*	.0	.0	.1	.1	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.1
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 SITE 21 L.BEN.PARK B230PM

RUN: S21 B230PM LITTLE BEN PK

PAGE 7

LINK #	*	CO/LINK (PPM)						
		ANGLE (DEGREES)						
		REC1 0	REC2 260	REC3 140	REC4 145	REC5 150	REC6 160	REC7 175
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0

Site 22

Residence – 8546 Fingerboard Road

EX FINGERBOARD RD(S22EXA.DAT)		60.0175.0.0000.000		10.30480000		S22EXA.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 EX FINGERBOARD RDM		98		1		1					
1	I-270 NB	AG212123.602857.211994.603067.	1955	3.8	0.	44.	60.5				
2	"	AG211994.603067.211815.603289.	1955	3.8	0.	44.	60.5				
3	"	AG211815.603289.211559.603515.	1955	3.8	0.	44.	60.5				
4	"	AG211559.603515.211253.603705.	1955	3.8	0.	44.	60.5				
5	"	AG211253.603705.210964.603808.	1852	3.8	0.	44.	60.5				
6	"	AG210964.603808.210632.603909.	1852	3.8	0.	44.	60.5				
7	"	AG210632.603909.210521.603943.	2037	3.8	0.	44.	60.5				
8	NB OFF TO 80	AG211253.603705.211126.603793.	103	2.6	0.	32.	30				
9	"	AG211126.603793.211096.603870.	103	2.6	0.	32.	30				
10	"	AG211096.603870.211099.603928.	103	2.6	0.	32.	30				
11	"	AG211099.603928.211132.603985.	103	2.6	0.	32.	30				
12	"	AG211132.603985.211202.604026.	103	2.6	0.	32.	30				
13	"	AG211202.604026.211506.604039.	103	2.6	0.	32.	30				
14	"	AG211506.604039.211574.604009.	103	2.6	0.	32.	30				
15	"	AG211574.604009.211619.603949.	103	2.6	0.	32.	30				
16	NB OFF LEFT	AG211619.603949.211694.603814.	86	2.6	0.	44.	30				
17	"	Q AG211678.603844.211643.603906.	0.	24.	2						
	50	34 4. 86 28.3 1681 2 3									
18	NB OFF RIGHT	AG211619.603949.211622.603852.	16	2.6	0.	32.	30				
19	"	AG211622.603852.211576.603776.	16	2.6	0.	32.	30				
20	"	Q AG211581.603783.211619.603846.	0.	12.	1						
	50	34 4. 1 28.3 1750 2 3									
21	"	AG211576.603776.211500.603713.	21	2.6	0.	32.	30				
22	I-270 SB	AG210496.603858.210975.603725.	3226	3.7	0.	44.	58.				
23	"	AG210975.603725.211238.603621.	3226	3.7	0.	44.	58.				
24	"	AG211238.603621.211517.603438.	3226	3.7	0.	44.	58.				
25	"	AG211517.603438.211675.603313.	2868	3.7	0.	44.	58.				
26	"	AG211675.603313.211775.603212.	2868	3.7	0.	44.	58.				
27	"	AG211775.603212.212061.602812.	3222	3.7	0.	44.	58.				
28	270SB OFF TO 80	AG211517.603438.211562.603334.	358	2.6	0.	32.	30				
29	"	AG211562.603334.211547.603254.	358	2.6	0.	32.	30				
30	"	AG211547.603254.211495.603196.	358	2.6	0.	32.	30				
31	"	AG211495.603196.211437.603174.	358	2.6	0.	32.	30				
32	"	AG211437.603174.211134.603171.	358	2.6	0.	32.	30				
33	"	AG211134.603171.211056.603197.	358	2.6	0.	32.	30				
34	"	AG211056.603197.211000.603280.	358	2.6	0.	32.	30				
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	57	2.8	0.	32.	15				
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1						
	90	73 2. 1 28.3 1750 1 3									
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	301	2.8	0.	32.	15				
38	"	AG211006.603365.211042.603414.	301	2.6	0.	32.	30				
39	"	AG211039.603409.211008.603368.	0.	12.	1						
	90	73 2. 1 28.3 1750 3 3									
40	"	AG211042.603414.211180.603518.	301	2.6	0.	32.	30				
41	WB 80	AG212296.604166.211969.603976.	486	2.6	0.	44.	35				
42	"	AG211969.603976.211863.603927.	486	2.6	0.	44.	35				
43	RT ON FR 80W	AG211863.603927.211763.603900.	136	2.6	0.	32.	35				
44	"	AG211763.603900.211658.603923.	136	2.9	0.	32.	17				
45	"	AG211700.603914.211755.603901.	0.	12.	1						
	90	5 2. 1 28.3 1750 1 3									
46	80 ON TO NB270	AG211658.603923.211599.604013.	184	2.6	0.	32.	35				
47	I-270 NB ON	AG211599.604013.211532.604055.	184	2.6	0.	32.	30				
48	"	AG211532.604055.211438.604062.	184	2.6	0.	32.	30				
49	"	AG211438.604062.211206.604048.	184	2.6	0.	32.	30				

50	1	"	AG211206.604048.211148.604025.	184	2.6	0.	32.	30
51	1	"	AG211148.604025.211083.603964.	184	2.6	0.	32.	30
52	1	"	AG211083.603964.211022.603890.	184	2.6	0.	32.	30
53	1	"	AG211022.603890.210965.603858.	184	2.6	0.	32.	30
54	1	"	AG210965.603858.210905.603856.	184	2.6	0.	32.	30
55	1	"	AG210905.603856.210632.603909.	184	2.6	0.	32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	345	2.6	0.	32.	17
57	1	" 50 24	AG211726.603838.211805.603889. 4. 345 28.3 1863 2 3	0.	12.	1		
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	371	2.6	0.	32.	35
59	2	"	AG211500.603713.210937.603394.	371	2.9	0.	32.	17
60	1	" Q 90	AG210962.603409.211025.603444. 5 2. 1 28.3 1750 3 3	0.	12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	371	2.6	0.	32.	35
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	265	2.6	0.	44.	35
63	1	"	AG210667.603227.210778.603284.	265	2.6	0.	44.	35
64	1	"	AG210778.603284.210850.603300.	111	2.6	0.	44.	35
65	1	"	AG210850.603300.210918.603294.	111	2.8	0.	44.	17
66	2	80EB @ SB RP RT 90	AG210907.603295.210853.603299. 5 2. 1 115.7 1750 3 3	0.	12.	1		
67	1	"	AG210918.603294.210980.603262.	111	2.6	0.	44.	35
68	1	80EB @ SB RP TL	AG210778.603284.210830.603323.	154	2.6	0.	44.	35
69	2	"	AG210830.603323.210939.603387.	154	2.8	0.	44.	17
70	1	" Q 90	AG210915.603373.210841.603330. 5 2. 2 28.3 1750 1 3	0.	24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	430	2.6	0.	44.	35
72	1	"	AG211180.603518.211557.603727.	430	2.6	0.	44.	35
73	1	"	AG211557.603727.211989.603968.	430	2.6	0.	44.	35
70	2	eb left Q 50	AG210915.603373.210841.603330. 18 4. 44 28.3 1770 2 3	0.	12.	1		
70	2	eb thru Q 50	AG210915.603373.210841.603330. 24 4. 411 28.3 1846 2 3	0.	24.	2		
74	1	80 EB	AG211989.603968.212305.604152.	467	2.6	0.	44.	35
75	1	80 ON TO 270SB	AG210980.603262.211024.603189.	354	2.6	0.	32.	30
76	1	"	AG211024.603189.211087.603149.	354	2.6	0.	32.	30
77	1	"	AG211087.603149.211145.603140.	354	2.6	0.	32.	30
78	1	"	AG211145.603140.211440.603144.	354	2.6	0.	32.	30
79	1	"	AG211440.603144.211499.603163.	354	2.6	0.	32.	30
80	1	"	AG211499.603163.211594.603223.	354	2.6	0.	32.	30
81	1	"	AG211594.603223.211664.603235.	354	2.6	0.	32.	30
82	1	"	AG211664.603235.211775.603212.	354	2.6	0.	32.	30
83	1	I-270 NB	AG210521.603943.209400.604253.	2037	3.8	0.	44.	61
84	1	"	AG209400.604253.208836.604494.	2037	3.8	0.	44.	61
85	1	"	AG208836.604494.208166.604895.	2037	3.8	0.	44.	61
86	1	"	AG208166.604895.207724.605289.	2037	3.8	0.	44.	61
87	1	I-270 SB	AG207646.605231.208105.604843.	3226	3.7	0.	44.	58
88	1	"	AG208105.604843.208804.604420.	3226	3.7	0.	44.	58
89	1	"	AG208804.604420.209380.604177.	3226	3.7	0.	44.	58
90	1	"	AG209380.604177.210495.603858.	3226	3.7	0.		

JOB: EX FINGERBOARD RD(S22EXA.DAT)
DATE: 12/14/2006 TIME: 13:23:02.94

RUN: SITE 22 EX FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	1955.	3.8	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	1955.	3.8	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	1955.	3.8	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	1955.	3.8	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	1852.	3.8	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	1852.	3.8	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	2037.	3.8	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	103.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	103.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	103.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	103.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	103.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	103.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	103.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	103.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	86.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211674.1	603851.0	* 8.	331. AG	103.	100.0	.0	24.0	.32	.4
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	16.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	16.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211581.1	603783.2	* 0.	29. AG	52.	100.0	.0	12.0	.01	.0
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	21.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	3226.	3.7	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	3226.	3.7	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	3226.	3.7	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2868.	3.7	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2868.	3.7	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	3222.	3.7	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	358.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	358.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	358.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	358.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	358.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	358.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	358.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	57.	2.8	.0	32.0		
36. 36 NB80RMLT	* 210952.0	603364.0	210952.2	603363.6	* 0.	151. AG	62.	100.0	.0	12.0	.01	.0
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	301.	2.8	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	301.	2.6	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62.	100.0	.0	12.0	.01	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	301.	2.6	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	486.	2.6	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	486.	2.6	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	136.	2.6	.0	32.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	136.	2.9	.0	32.0		

JOB: EX FINGERBOARD RD(S22EXA.DAT)
DATE: 12/14/2006 TIME: 13:23:02.94

RUN: SITE 22 EX FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	184.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	184.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	184.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	184.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	184.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	184.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	184.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	184.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	184.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	184.	2.6	.0	32.0		
56. 56 80W THRU @NBOFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	345.	2.6	.0	32.0		
57. 57 "	* 211726.0	603838.0	211840.6	603912.0	* 136.	57. AG	36.	100.0	.0	12.0	1.00	6.9
58. 58 80WB TO SBOFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	371.	2.6	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	371.	2.9	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	210962.0	603409.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	371.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	265.	2.6	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	265.	2.6	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	111.	2.6	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	111.	2.8	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	17.	100.0	.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	111.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	154.	2.6	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	154.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8.	100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	430.	2.6	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	430.	2.6	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	430.	2.6	.0	44.0		
74. 74 eb left Q	* 210915.0	603373.0	210911.3	603370.9	* 4.	240. AG	27.	100.0	.0	12.0	.11	.2
75. 75 eb thru Q	* 210915.0	603373.0	210891.7	603359.5	* 27.	240. AG	73.	100.0	.0	24.0	.61	1.4
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	467.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	354.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	354.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	354.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	354.	2.6	.0	32.0		

S22EXA.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	354.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	354.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	354.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	354.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2037.	3.8	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2037.	3.8	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2037.	3.8	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2037.	3.8	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	3226.	3.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	3226.	3.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	3226.	3.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	3226.	3.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2037.	3.8	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2037.	3.8	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2037.	3.8	.0	44.0

1

PAGE 3

JOB: EX FINGERBOARD RD(S22EXA.DAT)
DATE: 12/14/2006 TIME: 13:23:02.94

RUN: SITE 22 EX FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)	
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	3226.	3.7	.0 44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	3226.	3.7	.0 44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	3226.	3.7	.0 44.0

1

PAGE 4

JOB: EX FINGERBOARD RD(S22EXA.DAT)
DATE: 12/14/2006 TIME: 13:23:02.94

RUN: SITE 22 EX FINGERBOARD RDM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	50	34	4.0	86	681	28.30	1 3
20. 20 " Q	*	50	34	4.0	1	750	28.30	1 3
36. 36 " NB80RMLT	*	90	73	2.0	1	750	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	750	28.30	1 3
45. 45 " Q	*	90	5	2.0	1	750	28.30	1 3
57. 57 " Q	*	50	24	4.0	345	863	28.30	1 3
60. 60 " Q	*	90	5	2.0	1	750	28.30	1 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	115.70	3 3
70. 70 " Q	*	90	5	2.0	2	750	28.30	1 3
74. 70 eb left Q	*	50	18	4.0	44	770	28.30	1 3
75. 70 eb thru Q	*	50	24	4.0	411	846	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

PAGE 5

JOB: EX FINGERBOARD RD(S22EXA.DAT)

RUN: SITE 22 EX FINGERBOARD RDM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.3
5.	*	.3
10.	*	.3
15.	*	.3
20.	*	.3
25.	*	.3
30.	*	.3
35.	*	.3
40.	*	.3
45.	*	.3
50.	*	.3
55.	*	.3
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.2
85.	*	.3
90.	*	.4
95.	*	.3
100.	*	.3
105.	*	.5
110.	*	.2
115.	*	.1
120.	*	.1
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0

S22EXA.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: EX FINGERBOARD RD(S22EXA.DAT)

RUN: SITE 22 EX FINGERBOARD RDM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .1
305. * .1
310. * .3
315. * .2
320. * .3
325. * .3
330. * .3
335. * .3
340. * .3
345. * .3
350. * .3
355. * .3
360. * .3
-----*-----
MAX * .5
DEGR. * 105

THE HIGHEST CONCENTRATION IS .50 PPM AT 105 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX FINGERBOARD RD(S22EXA.DAT)
DATE: 12/14/2006 TIME: 13:23:02.94

RUN: SITE 22 EX FINGERBOARD RDM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 105
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22EXA.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: EX FINGERBOARD RD(S22EXA.DAT)

RUN: SITE 22 EX FINGERBOARD RDAM

PAGE 8

CO/LINK (PPM)
ANGLE (DEGREES)
REC1
LINK # 105
-----*-----
46 * .0
47 * .0
48 * .0
49 * .0
50 * .0
51 * .0
52 * .0
53 * .0
54 * .0
55 * .0
56 * .0
57 * .0
58 * .0
59 * .0
60 * .0
61 * .0
62 * .0
63 * .0
64 * .0
65 * .0
66 * .0
67 * .0
68 * .0
69 * .0
70 * .0
71 * .0
72 * .0
73 * .0
74 * .0
75 * .0
76 * .0
77 * .0
78 * .0
79 * .0
80 * .0
81 * .0
82 * .0
83 * .0
84 * .0
85 * .0
86 * .1
87 * .0
88 * .0
89 * .0
90 * .1
91 * .2
92 * .1
93 * .0
94 * .0
95 * .0
96 * .0
97 * .0
98 * .0

EX FINGERBOARD RD(S22EXP.DAT)		60.0175.0.0000.000		10.30480000		S22EXP.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 FINGERBOARD RD		PM		98		1		1			
1	I-270 NB	AG212123.602857.211994.603067.	3556	3.6	0.	44.	55.5				
2	"	AG211994.603067.211815.603289.	3556	3.6	0.	44.	55.5				
3	"	AG211815.603289.211559.603515.	3556	3.6	0.	44.	55.5				
4	"	AG211559.603515.211253.603705.	3556	3.6	0.	44.	55.5				
5	"	AG211253.603705.210964.603808.	3186	3.6	0.	44.	55.5				
6	"	AG210964.603808.210632.603909.	3186	3.6	0.	44.	55.5				
7	"	AG210632.603909.210521.603943.	3470	3.6	0.	44.	55.5				
8	NB OFF TO 80	AG211253.603705.211126.603793.	370	2.6	0.	32.	30				
9	"	AG211126.603793.211096.603870.	370	2.6	0.	32.	30				
10	"	AG211096.603870.211099.603928.	370	2.6	0.	32.	30				
11	"	AG211099.603928.211132.603985.	370	2.6	0.	32.	30				
12	"	AG211132.603985.211202.604026.	370	2.6	0.	32.	30				
13	"	AG211202.604026.211506.604039.	370	2.6	0.	32.	30				
14	"	AG211506.604039.211574.604009.	370	2.6	0.	32.	30				
15	"	AG211574.604009.211619.603949.	370	2.6	0.	32.	30				
16	NB OFF LEFT	AG211619.603949.211694.603814.	317	2.6	0.	44.	30				
17	"	Q AG211678.603844.211643.603906.	0.	24.	2						
18	NB OFF RIGHT	AG211619.603949.211622.603852.	53	2.6	0.	32.	30				
19	"	AG211622.603852.211576.603776.	53	2.6	0.	32.	30				
20	"	Q AG211581.603783.211619.603846.	0.	12.	1						
21	"	AG211576.603776.211500.603713.	58	2.6	0.	32.	30				
22	I-270 SB	AG210496.603858.210975.603725.	2194	3.8	0.	44.	61.				
23	"	AG210975.603725.211238.603621.	2194	3.8	0.	44.	61.				
24	"	AG211238.603621.211517.603438.	2194	3.8	0.	44.	61.				
25	"	AG211517.603438.211675.603313.	1992	3.8	0.	44.	61.				
26	"	AG211675.603313.211775.603212.	1992	3.8	0.	44.	61.				
27	"	AG211775.603212.212061.602812.	2214	3.8	0.	44.	61.				
28	270SB OFF TO 80	AG211517.603438.211562.603334.	202	2.6	0.	32.	30				
29	"	AG211562.603334.211547.603254.	202	2.6	0.	32.	30				
30	"	AG211547.603254.211495.603196.	202	2.6	0.	32.	30				
31	"	AG211495.603196.211437.603174.	202	2.6	0.	32.	30				
32	"	AG211437.603174.211134.603171.	202	2.6	0.	32.	30				
33	"	AG211134.603171.211056.603197.	202	2.6	0.	32.	30				
34	"	AG211056.603197.211000.603280.	202	2.6	0.	32.	30				
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	52	2.8	0.	32.	15				
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1						
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	150	2.8	0.	32.	15				
38	"	AG211006.603365.211042.603414.	150	2.6	0.	32.	30				
39	"	AG211039.603409.211008.603368.	0.	12.	1						
40	"	AG211042.603414.211180.603518.	150	2.6	0.	32.	30				
41	WB 80	AG212296.604166.211969.603976.	558	2.6	0.	44.	35				
42	"	AG211969.603976.211863.603927.	558	2.6	0.	44.	35				
43	RT ON FR 80W	AG211863.603927.211763.603900.	145	2.6	0.	32.	35				
44	"	AG211763.603900.211658.603923.	145	2.6	0.	32.	17				
45	"	AG211700.603914.211755.603901.	0.	12.	1						
46	80 ON TO NB270	AG211658.603923.211599.604013.	259	2.6	0.	32.	35				
47	I-270 NB ON	AG211599.604013.211532.604055.	259	2.6	0.	32.	30				
48	"	AG211532.604055.211438.604062.	259	2.6	0.	32.	30				
49	"	AG211438.604062.211206.604048.	259	2.6	0.	32.	30				

S22EXP.DAT

1					
50	"	AG211206.604048.211148.604025.	259 2.6	0. 32.	30
1					
51	"	AG211148.604025.211083.603964.	259 2.6	0. 32.	30
1					
52	"	AG211083.603964.211022.603890.	259 2.6	0. 32.	30
1					
53	"	AG211022.603890.210965.603858.	259 2.6	0. 32.	30
1					
54	"	AG210965.603858.210905.603856.	259 2.6	0. 32.	30
1					
55	"	AG210905.603856.210632.603909.	259 2.6	0. 32.	30
1					
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	408 2.6	0. 32.	17
2					
57	"	AG211726.603838.211805.603889.	0. 12.	1	
58	58	32 4. 408 28.3 1863 2 3			
1					
58	80WB TO SBOFF	AG211704.603824.211500.603713.	466 2.6	0. 32.	35
1					
59	"	AG211500.603713.210937.603394.	491 2.8	0. 32.	17
2					
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
90	5	2. 1 28.3 1750 3 3			
1					
61	80 WB	AG210937.603394.210562.603186.	351 2.6	0. 32.	35
1					
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	184 2.6	0. 44.	35
1					
63	"	AG210667.603227.210778.603284.	184 2.6	0. 44.	35
1					
64	"	AG210778.603284.210850.603300.	30 2.6	0. 44.	35
1					
65	"	AG210850.603300.210918.603294.	30 2.8	0. 44.	17
2					
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
90	5	2. 1 115.7 1750 3 3			
1					
67	"	AG210918.603294.210980.603262.	30 2.6	0. 44.	35
1					
68	80EB @ SB RP TL	AG210778.603284.210830.603323.	299 2.6	0. 44.	35
1					
69	"	AG210830.603323.210939.603387.	299 2.8	0. 44.	17
2					
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
90	5	2. 2 28.3 1750 1 3			
1					
71	80EB @ NB RP	AG210939.603387.211180.603518.	299 2.6	0. 44.	35
1					
72	"	AG211180.603518.211557.603727.	304 2.6	0. 44.	35
1					
73	"	AG211557.603727.211989.603968.	304 2.6	0. 44.	35
2					
70	eb left Q	AG210915.603373.210841.603330.	0. 12.	1	
58	23	4. 114 28.3 1770 2 3			
2					
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
58	27	4. 190 28.3 1855 2 3			
1					
74	80 EB	AG211989.603968.212305.604152.	522 2.6	0. 44.	35
1					
75	80 ON TO 270SB	AG210980.603262.211024.603189.	222 2.6	0. 32.	30
1					
76	"	AG211024.603189.211087.603149.	222 2.6	0. 32.	30
1					
77	"	AG211087.603149.211145.603140.	222 2.6	0. 32.	30
1					
78	"	AG211145.603140.211440.603144.	222 2.6	0. 32.	30
1					
79	"	AG211440.603144.211499.603163.	222 2.6	0. 32.	30
1					
80	"	AG211499.603163.211594.603223.	222 2.6	0. 32.	30
1					
81	"	AG211594.603223.211664.603235.	222 2.6	0. 32.	30
1					
82	"	AG211664.603235.211775.603212.	222 2.6	0. 32.	30
1					
83	I-270 NB	AG210521.603943.209400.604253.	3470 3.6	0. 44.	56
1					
84	"	AG209400.604253.208836.604494.	3470 3.6	0. 44.	56
1					
85	"	AG208836.604494.208166.604895.	3470 3.6	0. 44.	56
1					
86	"	AG208166.604895.207724.605289.	3470 3.6	0. 44.	56
1					
87	I-270 SB	AG207646.605231.208105.604843.	2194 3.8	0. 44.	61
1					
88	"	AG208105.604843.208804.604420.	2194 3.8	0. 44.	61
1					
89	"	AG208804.604420.209380.604177.	2194 3.8	0. 44.	61
1					
90	"	AG209380.604177.210495.603858.	2194 3.8	0. 44.	61
1					
91	I-270 NB	AG207724.605289.207503.605510.	3470 3.6	0. 44.	56
1					
92	"	AG207503.605510.207122.605997.	3470 3.6	0. 44.	56
1					
93	"	AG207122.605997.206735.606587.	3470 3.6	0. 44.	56
1					
94	I-270 SB	AG206638.606543.206943.606090.	2194 3.8	0. 44.	61
1					
95	"	AG206943.606090.207418.605459.	2194 3.8	0. 44.	61
1					
96	"	AG207418.605459.207644.605229.	2194 3.8	0. 44.	61
1.0000041000.000.0Y005000072					

JOB: EX FINGERBOARD RD(S22EXP.DAT)
DATE: 12/14/2006 TIME: 13:23:34.47

RUN: SITE 22 FINGERBOARD RD PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* * LENGTH (FT) BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0 211994.0 603067.0	* 246. 328. AG	3556.	3.6	.0	44.0	
2. 2 "	* 211994.0	603067.0 211815.0 603289.0	* 285. 321. AG	3556.	3.6	.0	44.0	
3. 3 "	* 211815.0	603289.0 211559.0 603515.0	* 341. 311. AG	3556.	3.6	.0	44.0	
4. 4 "	* 211559.0	603515.0 211253.0 603705.0	* 360. 302. AG	3556.	3.6	.0	44.0	
5. 5 "	* 211253.0	603705.0 210964.0 603808.0	* 307. 290. AG	3186.	3.6	.0	44.0	
6. 6 "	* 210964.0	603808.0 210632.0 603909.0	* 347. 287. AG	3186.	3.6	.0	44.0	
7. 7 "	* 210632.0	603909.0 210521.0 603943.0	* 116. 287. AG	3470.	3.6	.0	44.0	
8. 8 NB OFF TO 80	* 211253.0	603705.0 211126.0 603793.0	* 155. 305. AG	370.	2.6	.0	32.0	
9. 9 "	* 211126.0	603793.0 211096.0 603870.0	* 83. 339. AG	370.	2.6	.0	32.0	
10. 10 "	* 211096.0	603870.0 211099.0 603928.0	* 58. 3. AG	370.	2.6	.0	32.0	
11. 11 "	* 211099.0	603928.0 211132.0 603985.0	* 66. 30. AG	370.	2.6	.0	32.0	
12. 12 "	* 211132.0	603985.0 211202.0 604026.0	* 81. 60. AG	370.	2.6	.0	32.0	
13. 13 "	* 211202.0	604026.0 211506.0 604039.0	* 304. 88. AG	370.	2.6	.0	32.0	
14. 14 "	* 211506.0	604039.0 211574.0 604009.0	* 74. 114. AG	370.	2.6	.0	32.0	
15. 15 "	* 211574.0	604009.0 211619.0 603949.0	* 75. 143. AG	370.	2.6	.0	32.0	
16. 16 NB OFF LEFT	* 211619.0	603949.0 211694.0 603814.0	* 154. 151. AG	317.	2.6	.0	44.0	
17. 17 " Q	* 211678.0	603844.0 211638.9 603913.3	* 80. 331. AG	99. 100.0	.0	24.0	.96	4.0
18. 18 NB OFF RIGHT	* 211619.0	603949.0 211622.0 603852.0	* 97. 178. AG	53.	2.6	.0	32.0	
19. 19 "	* 211622.0	603852.0 211576.0 603776.0	* 89. 211. AG	53.	2.6	.0	32.0	
20. 20 " Q	* 211581.0	603783.0 211581.1 603783.2	* 0. 30. AG	50. 100.0	.0	12.0	.01	.0
21. 21 "	* 211576.0	603776.0 211500.0 603713.0	* 99. 230. AG	58.	2.6	.0	32.0	
22. 22 I-270 SB	* 210496.0	603858.0 210975.0 603725.0	* 497. 106. AG	2194.	3.8	.0	44.0	
23. 23 "	* 210975.0	603725.0 211238.0 603621.0	* 283. 112. AG	2194.	3.8	.0	44.0	
24. 24 "	* 211238.0	603621.0 211517.0 603438.0	* 334. 123. AG	2194.	3.8	.0	44.0	
25. 25 "	* 211517.0	603438.0 211675.0 603313.0	* 201. 128. AG	1992.	3.8	.0	44.0	
26. 26 "	* 211675.0	603313.0 211775.0 603212.0	* 142. 135. AG	1992.	3.8	.0	44.0	
27. 27 "	* 211775.0	603212.0 212061.0 603212.0	* 492. 144. AG	2214.	3.8	.0	44.0	
28. 28 270SB OFF TO 80	* 211517.0	603438.0 211562.0 603334.0	* 113. 157. AG	202.	2.6	.0	32.0	
29. 29 "	* 211562.0	603334.0 211547.0 603254.0	* 81. 191. AG	202.	2.6	.0	32.0	
30. 30 "	* 211547.0	603254.0 211495.0 603196.0	* 78. 222. AG	202.	2.6	.0	32.0	
31. 31 "	* 211495.0	603196.0 211437.0 603174.0	* 62. 249. AG	202.	2.6	.0	32.0	
32. 32 "	* 211437.0	603174.0 211134.0 603171.0	* 303. 269. AG	202.	2.6	.0	32.0	
33. 33 "	* 211134.0	603171.0 211056.0 603197.0	* 82. 288. AG	202.	2.6	.0	32.0	
34. 34 "	* 211056.0	603197.0 211000.0 603280.0	* 100. 326. AG	202.	2.6	.0	32.0	
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0 210939.0 603387.0	* 123. 330. AG	52.	2.8	.0	32.0	
36. 36 NB80RMPLT	* 210952.0	603364.0 210952.2 603363.6	* 0. 151. AG	62. 100.0	.0	12.0	.01	.0
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0 211006.0 603365.0	* 85. 4. AG	150.	2.8	.0	32.0	
38. 38 "	* 211006.0	603365.0 211042.0 603414.0	* 61. 36. AG	150.	2.6	.0	32.0	
39. 39 "	* 211039.0	603409.0 211038.8 603408.7	* 0. 218. AG	62. 100.0	.0	12.0	.01	.0
40. 40 "	* 211042.0	603414.0 211180.0 603518.0	* 173. 53. AG	150.	2.6	.0	32.0	
41. 41 WB 80	* 212296.0	604166.0 211969.0 603976.0	* 378. 240. AG	558.	2.6	.0	44.0	
42. 42 "	* 211969.0	603976.0 211863.0 603927.0	* 117. 245. AG	558.	2.6	.0	44.0	
43. 43 RT ON FR 80W	* 211863.0	603927.0 211763.0 603900.0	* 104. 255. AG	145.	2.6	.0	32.0	
44. 44 "	* 211763.0	603900.0 211658.0 603923.0	* 107. 282. AG	145.	2.6	.0	32.0	

JOB: EX FINGERBOARD RD(S22EXP.DAT)
DATE: 12/14/2006 TIME: 13:23:34.47

RUN: SITE 22 FINGERBOARD RD PM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* * LENGTH (FT) BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45 "	* 211700.0	603914.0 211700.0 603914.0	* 0. 70. AG	7. 100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0 211599.0 604013.0	* 108. 327. AG	259.	2.6	.0	32.0	
47. 47 I-270 NB ON	* 211599.0	604013.0 211532.0 604055.0	* 79. 302. AG	259.	2.6	.0	32.0	
48. 48 "	* 211532.0	604055.0 211438.0 604062.0	* 94. 274. AG	259.	2.6	.0	32.0	
49. 49 "	* 211438.0	604062.0 211206.0 604048.0	* 232. 267. AG	259.	2.6	.0	32.0	
50. 50 "	* 211206.0	604048.0 211148.0 604025.0	* 62. 248. AG	259.	2.6	.0	32.0	
51. 51 "	* 211148.0	604025.0 211083.0 603964.0	* 89. 227. AG	259.	2.6	.0	32.0	
52. 52 "	* 211083.0	603964.0 211022.0 603890.0	* 96. 219. AG	259.	2.6	.0	32.0	
53. 53 "	* 211022.0	603890.0 210965.0 603858.0	* 65. 241. AG	259.	2.6	.0	32.0	
54. 54 "	* 210965.0	603858.0 210905.0 603856.0	* 60. 268. AG	259.	2.6	.0	32.0	
55. 55 "	* 210905.0	603856.0 210632.0 603909.0	* 278. 281. AG	259.	2.6	.0	32.0	
56. 56 80W THRU @NB OFF	* 211863.0	603927.0 211704.0 603824.0	* 189. 237. AG	408.	2.6	.0	32.0	
57. 57 "	* 211726.0	603838.0 212801.3 604532.3	* 1280. 57. AG	42. 100.0	.0	12.0	1.37	65.0
58. 58 80WB TO SB OFF	* 211704.0	603824.0 211500.0 603713.0	* 232. 241. AG	466.	2.6	.0	32.0	
59. 59 "	* 211500.0	603713.0 210937.0 603394.0	* 647. 240. AG	491.	2.8	.0	32.0	
60. 60 " Q	* 210962.0	603409.0 210962.0 603409.0	* 0. 70. AG	4. 100.0	.0	12.0	.00	.0
61. 61 80 WB	* 210937.0	603394.0 210562.0 603186.0	* 429. 241. AG	351.	2.6	.0	32.0	
62. 62 80EB NEAR SB RP	* 210570.0	603172.0 210667.0 603227.0	* 112. 60. AG	184.	2.6	.0	44.0	
63. 63 "	* 210667.0	603227.0 210778.0 603284.0	* 125. 63. AG	184.	2.6	.0	44.0	
64. 64 "	* 210778.0	603284.0 210850.0 603300.0	* 74. 77. AG	30. 2.6	.0	44.0		
65. 65 "	* 210850.0	603300.0 210918.0 603294.0	* 68. 95. AG	30. 2.6	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0 210907.0 603295.0	* 0. 250. AG	17. 100.0	.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0 210980.0 603262.0	* 70. 117. AG	30. 2.6	.0	44.0		
68. 68 80EB @ SB RP TL	* 210778.0	603284.0 210830.0 603323.0	* 65. 53. AG	299.	2.6	.0	44.0	
69. 69 "	* 210830.0	603323.0 210939.0 603387.0	* 126. 60. AG	299.	2.8	.0	44.0	
70. 70 " Q	* 210915.0	603373.0 210915.0 603373.0	* 0. 250. AG	8. 100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0 211180.0 603518.0	* 274. 61. AG	299.	2.6	.0	44.0	
72. 72 "	* 211180.0	603518.0 211557.0 603727.0	* 431. 61. AG	304.	2.6	.0	44.0	
73. 73 "	* 211557.0	603727.0 211989.0 603968.0	* 495. 61. AG	304.	2.6	.0	44.0	
74. 74 eb left Q	* 210915.0	603373.0 210902.6 603365.8	* 14. 240. AG	30. 100.0	.0	12.0	.30	.7
75. 75 eb thru Q	* 210915.0	603373.0 210902.9 603366.0	* 14. 240. AG	71. 100.0	.0	24.0	.26	.7
76. 74 80 EB	* 211989.0	603968.0 212305.0 604152.0	* 366. 60. AG	522.	2.6	.0	44.0	
77. 75 80 ON TO 270SB	* 210980.0	603262.0 211024.0 603189.0	* 85. 149. AG	222.	2.6	.0	32.0	
78. 76 "	* 211024.0	603189.0 211087.0 603149.0	* 75. 122. AG	222.	2.6	.0	32.0	
79. 77 "	* 211087.0	603149.0 211145.0 603140.0	* 59. 99. AG	222.	2.6	.0	32.0	
80. 78 "	* 211145.0	603140.0 211440.0 603144.0	* 295. 89. AG	222.	2.6	.0	32.0	

S22EXP.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	222.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	222.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	222.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	222.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3470.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3470.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3470.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3470.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2194.	3.8	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2194.	3.8	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2194.	3.8	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2194.	3.8	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3470.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3470.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3470.	3.6	.0	44.0

1

PAGE 3

JOB: EX FINGERBOARD RD(S22EXP.DAT) RUN: SITE 22 FINGERBOARD RD PM
DATE: 12/14/2006 TIME: 13:23:34.47

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	546.	146. AG	2194.	3.8	.0	44.0	
97. 95 "	*	206943.0 606090.0 207418.0	790.	143. AG	2194.	3.8	.0	44.0	
98. 96 "	*	207418.0 605459.0 207644.0	322.	136. AG	2194.	3.8	.0	44.0	

1

PAGE 4

JOB: EX FINGERBOARD RD(S22EXP.DAT) RUN: SITE 22 FINGERBOARD RD PM
DATE: 12/14/2006 TIME: 13:23:34.47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	58	38	4.0	317	685	28.30	1	3
20. 20 " Q	58	38	4.0	1	750	28.30	1	3
36. 36 " NB80RMLT	90	73	2.0	1	750	28.30	1	3
39. 39 " Q	90	73	2.0	1	750	28.30	1	3
45. 45 " Q	58	5	2.0	1	750	28.30	1	3
57. 57 " Q	58	32	4.0	408	863	28.30	1	3
60. 60 " Q	90	5	2.0	1	750	28.30	1	3
66. 66 80EB @ SB RP RT	90	5	2.0	1	1750	115.70	3	3
70. 70 " Q	90	5	2.0	2	750	28.30	1	3
74. 70 eb left Q	58	23	4.0	114	770	28.30	1	3
75. 70 eb thru Q	58	27	4.0	190	855	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. S22 RES.	*	208580.0 604451.0	5.0	*

1

PAGE 5

JOB: EX FINGERBOARD RD(S22EXP.DAT) RUN: SITE 22 FINGERBOARD RD PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.2
5.	*	.2
10.	*	.2
15.	*	.2
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.2
75.	*	.3
80.	*	.3
85.	*	.3
90.	*	.3
95.	*	.3
100.	*	.4
105.	*	.4
110.	*	.2
115.	*	.1
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0

S22EXP.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: EX FINGERBOARD RD(S22EXP.DAT)

RUN: SITE 22 FINGERBOARD RD PM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .1
310. * .2
315. * .3
320. * .3
325. * .3
330. * .3
335. * .2
340. * .2
345. * .2
350. * .2
355. * .2
360. * .2
-----*-----
MAX * .4
DEGR. * 100

THE HIGHEST CONCENTRATION IS .40 PPM AT 100 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX FINGERBOARD RD(S22EXP.DAT)
DATE: 12/14/2006 TIME: 13:23:34.47

RUN: SITE 22 FINGERBOARD RD PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 100
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22EXP.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: EX FINGERBOARD RD(S22EXP.DAT)

RUN: SITE 22 FINGERBOARD RD PM

PAGE 8

		CO/LINK (PPM)
		ANGLE (DEGREES)
LINK #	REC1	
	100	
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.1
86	*	.1
87	*	.0
88	*	.0
89	*	.0
90	*	.1
91	*	.1
92	*	.0
93	*	.0
94	*	.0
95	*	.0
96	*	.0
97	*	.0
98	*	.0

NB FINGERBOARD RD(S22NB15A.DAT)				S22NB15A.DAT			
S22 RES. 208580. 604451. 5.0				10.30480000 11 1			
SITE 22 NB15 FINGERBOARD RDAM 98 1 1							
1	I-270 NB	AG212123.602857.211994.603067.	1825 4.3 0. 44.	58			
2	"	AG211994.603067.211815.603289.	1825 4.3 0. 44.	58			
3	"	AG211815.603289.211559.603515.	1825 4.3 0. 44.	58			
4	"	AG211559.603515.211253.603705.	1825 4.3 0. 44.	58			
5	"	AG211253.603705.210964.603808.	1825 4.3 0. 44.	58			
6	"	AG210964.603808.210632.603909.	1825 4.3 0. 44.	58			
7	"	AG210632.603909.210521.603943.	1825 4.3 0. 44.	58			
8	NB OFF TO 80	AG211253.603705.211126.603793.	175 3.0 0. 32.	30			
9	"	AG211126.603793.211096.603870.	175 3.0 0. 32.	30			
10	"	AG211096.603870.211099.603928.	175 3.0 0. 32.	30			
11	"	AG211099.603928.211132.603985.	175 3.0 0. 32.	30			
12	"	AG211132.603985.211202.604026.	175 3.0 0. 32.	30			
13	"	AG211202.604026.211506.604039.	175 3.0 0. 32.	30			
14	"	AG211506.604039.211574.604009.	175 3.0 0. 32.	30			
15	"	AG211574.604009.211619.603949.	175 3.0 0. 32.	30			
16	NB OFF LEFT	AG211619.603949.211694.603814.	150 3.0 0. 44.	30			
17	"	Q AG211678.603844.211643.603906.	0. 24. 2				
130		112 4. 150 33.4 1681 2 3					
18	NB OFF RIGHT	AG211619.603949.211622.603852.	25 3.0 0. 32.	30			
19	"	AG211622.603852.211576.603776.	25 3.0 0. 32.	30			
20	"	Q AG211581.603783.211619.603846.	0. 12. 1				
130		112 4. 25 33.4 1583 2 3					
21	"	AG211576.603776.211500.603713.	25 3.0 0. 32.	30			
22	I-270 SB	AG210496.603858.210975.603725.	3475 3.1 0. 44.	35			
23	"	AG210975.603725.211238.603621.	3475 3.1 0. 44.	35			
24	"	AG211238.603621.211517.603438.	3475 3.1 0. 44.	35			
25	"	AG211517.603438.211675.603313.	3475 3.1 0. 44.	35			
26	"	AG211675.603313.211775.603212.	3475 3.1 0. 44.	35			
27	"	AG211775.603212.212061.602812.	3475 3.1 0. 44.	35			
28	270SB OFF TO 80	AG211517.603438.211562.603334.	1200 3.0 0. 32.	30			
29	"	AG211562.603334.211547.603254.	1200 3.0 0. 32.	30			
30	"	AG211547.603254.211495.603196.	1200 3.0 0. 32.	30			
31	"	AG211495.603196.211437.603174.	1200 3.0 0. 32.	30			
32	"	AG211437.603174.211134.603171.	1200 3.0 0. 32.	30			
33	"	AG211134.603171.211056.603197.	1200 3.0 0. 32.	30			
34	"	AG211056.603197.211000.603280.	1200 3.0 0. 32.	30			
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	425 3.0 0. 32.	30			
36	NB80RMLT	AG210952.603364.210991.603296.	0. 12. 1				
70		45 2. 425 33.4 1770 1 3					
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1 3.0 0. 32.	30			
38	"	AG211006.603365.211042.603414.	1 3.0 0. 32.	30			
39	"	AG211039.603409.211008.603368.	0. 12. 1				
70		45 2. 1 33.4 1750 3 3					
40	"	AG211042.603414.211180.603518.	1 3.0 0. 32.	30			
41	WB 80	AG212296.604166.211969.603976.	750 3.3 0. 44.	40			
42	"	AG211969.603976.211863.603927.	750 3.3 0. 44.	40			
43	RT ON FR 80W	AG211863.603927.211763.603900.	525 3.3 0. 44.	40			
44	"	AG211763.603900.211658.603923.	525 3.3 0. 44.	40			
45	"	AG211700.603914.211755.603901.	0. 12. 1				
70		23 2. 1 33.4 1750 1 3					
46	80 ON TO NB270	AG211658.603923.211599.604013.	525 3.3 0. 44.	40			
47	I-270 NB ON	AG211599.604013.211532.604055.	525 3.0 0. 32.	30			
48	"	AG211532.604055.211438.604062.	525 3.0 0. 32.	30			
49	"	AG211438.604062.211206.604048.	525 3.0 0. 32.	30			

50	1	"	AG211206.604048.211148.604025.	525	3.0	0.32.	30
51	1	"	AG211148.604025.211083.603964.	525	3.0	0.32.	30
52	1	"	AG211083.603964.211022.603890.	525	3.0	0.32.	30
53	1	"	AG211022.603890.210965.603858.	525	3.0	0.32.	30
54	1	"	AG210965.603858.210905.603856.	525	3.0	0.32.	30
55	1	"	AG210905.603856.210632.603909.	525	3.0	0.32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	325	3.0	0.32.	17
57	1	" 130	AG211726.603838.211805.603889. 26 4. 325 33.4 1863 2 3	0.	12.	1	
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	350	3.3	0.44.	40
59	2	"	AG211500.603713.210937.603394.	425	3.3	0.44.	40
60	1	" Q 130	AG210962.603409.211025.603444. 1 2. 425 33.4 1583 3 3	0.	12.	1	
61	1	80 WB	AG210937.603394.210562.603186.	475	3.3	0.44.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	450	3.3	0.44.	40
63	1	"	AG210667.603227.210778.603284.	450	3.3	0.44.	40
64	1	"	AG210778.603284.210850.603300.	450	11.5	0.44.	35
65	1	"	AG210850.603300.210918.603294.	450	3.3	0.44.	40
66	2	80EB @ SB RP RT 70	AG210907.603295.210853.603299. 23 2. 450 33.4 1863 3 3	0.	12.	1	
67	1	"	AG210918.603294.210980.603262.	450	3.3	0.44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	350	3.3	0.44.	40
69	2	"	AG210830.603323.210939.603387.	350	3.3	0.44.	40
70	1	" Q 70	AG210915.603373.210841.603330. 23 2. 350 33.4 749 1 3	0.	24.	2	
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	1225	3.3	0.44.	40
72	1	"	AG211180.603518.211557.603727.	1225	3.3	0.44.	40
73	1	"	AG211557.603727.211989.603968.	1225	3.3	0.44.	40
70	2	eb r 130	AG210915.603373.210841.603330. 15 4. 1 33.4 712 2 3	0.	12.	1	
70	2	eb thru Q 130	AG210915.603373.210841.603330. 15 4. 1225 29.1 1405 2 3	0.	24.	2	
74	1	80 EB	AG211989.603968.212305.604152.	1275	3.3	0.44.	40
75	1	80 ON TO 270SB	AG210980.603262.211024.603189.	400	3.0	0.32.	30
76	1	"	AG211024.603189.211087.603149.	400	3.0	0.32.	30
77	1	"	AG211087.603149.211145.603140.	400	3.0	0.32.	30
78	1	"	AG211145.603140.211440.603144.	400	3.0	0.32.	30
79	1	"	AG211440.603144.211499.603163.	400	3.0	0.32.	30
80	1	"	AG211499.603163.211594.603223.	400	3.0	0.32.	30
81	1	"	AG211594.603223.211664.603235.	400	3.0	0.32.	30
82	1	"	AG211664.603235.211775.603212.	400	3.0	0.32.	30
83	1	I-270 NB	AG210521.603943.209400.604253.	2175	4.2	0.44.	56
84	1	"	AG209400.604253.208836.604494.	2175	4.2	0.44.	56
85	1	"	AG208836.604494.208166.604895.	2175	4.2	0.44.	56
86	1	"	AG208166.604895.207724.605289.	2175	4.2	0.44.	56
87	1	I-270 SB	AG207646.605231.208105.604843.	4775	3.1	0.44.	35
88	1	"	AG208105.604843.208804.604420.	4775	3.1	0.44.	35
89	1	"	AG208804.604420.209380.604177.	4775	3.1	0.44.	35
90	1	"	AG209380.604177.210495.603858.	4775	3.1	0.44.	35
91	1	I-270 NB	AG207724.605289.207503.605510.	2175	4.2	0.44.	56
92	1	"	AG207503.605510.207122.605997.				

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
 DATE: 01/19/2007 TIME: 22:55:06.21

RUN: SITE 22 NB15 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	1825.	4.3	.0	44.0	
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	1825.	4.3	.0	44.0	
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	1825.	4.3	.0	44.0	
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	1825.	4.3	.0	44.0	
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	1825.	4.3	.0	44.0	
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	1825.	4.3	.0	44.0	
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	1825.	4.3	.0	44.0	
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	175.	3.0	.0	32.0	
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	175.	3.0	.0	32.0	
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	175.	3.0	.0	32.0	
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	175.	3.0	.0	32.0	
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	175.	3.0	.0	32.0	
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	175.	3.0	.0	32.0	
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	175.	3.0	.0	32.0	
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	175.	3.0	.0	32.0	
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	150.	3.0	.0	44.0	
17. 17 " Q	* 211678.0	603844.0	211655.4	603884.0	* 46.	331. AG	154.	100.0	.0	24.0	.48 2.3
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	25.	3.0	.0	32.0	
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	25.	3.0	.0	32.0	
20. 20 " Q	* 211581.0	603783.0	211588.9	603796.1	* 15.	31. AG	77.	100.0	.0	12.0	.17 .8
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	25.	3.0	.0	32.0	
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	3475.	3.1	.0	44.0	
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	3475.	3.1	.0	44.0	
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	3475.	3.1	.0	44.0	
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	3475.	3.1	.0	44.0	
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	3475.	3.1	.0	44.0	
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	3475.	3.1	.0	44.0	
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	1200.	3.0	.0	32.0	
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	1200.	3.0	.0	32.0	
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	1200.	3.0	.0	32.0	
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	1200.	3.0	.0	32.0	
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	1200.	3.0	.0	32.0	
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	1200.	3.0	.0	32.0	
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	1200.	3.0	.0	32.0	
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	425.	3.0	.0	32.0	
36. 36 NB80RMLT	* 210952.0	603364.0	211010.1	603262.9	* 117.	150. AG	58.	100.0	.0	12.0	.80 5.9
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.0	.0	32.0	
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	3.0	.0	32.0	
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	219. AG	58.	100.0	.0	12.0	.00 .0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	3.0	.0	32.0	
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	750.	3.3	.0	44.0	
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	750.	3.3	.0	44.0	
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	525.	3.3	.0	44.0	
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	525.	3.3	.0	44.0	

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
 DATE: 01/19/2007 TIME: 22:55:06.21

RUN: SITE 22 NB15 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.1	603913.9	* 0.	90. AG	29.	100.0	.0	12.0	.00 .0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	525.	3.3	.0	44.0	
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	525.	3.0	.0	32.0	
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	525.	3.0	.0	32.0	
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	525.	3.0	.0	32.0	
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	525.	3.0	.0	32.0	
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	525.	3.0	.0	32.0	
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	525.	3.0	.0	32.0	
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	525.	3.0	.0	32.0	
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	525.	3.0	.0	32.0	
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	525.	3.0	.0	32.0	
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	325.	3.0	.0	32.0	
57. 57 "	* 211726.0	603838.0	211764.8	603863.1	* 46.	57. AG	18.	100.0	.0	12.0	.23 2.3
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	350.	3.3	.0	44.0	
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	425.	3.3	.0	44.0	
60. 60 " Q	* 210962.0	603409.0	210964.0	603410.1	* 2.	61. AG	1.	100.0	.0	12.0	.28 .1
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	475.	3.3	.0	44.0	
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	450.	3.3	.0	44.0	
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	450.	3.3	.0	44.0	
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	450.	11.5	.0	44.0	
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	450.	3.3	.0	44.0	
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210850.6	603299.2	* 57.	274. AG	29.	100.0	.0	12.0	.39 2.9
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	450.	3.3	.0	44.0	
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	350.	3.3	.0	44.0	
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	350.	3.3	.0	44.0	
70. 70 " Q	* 210915.0	603373.0	210896.0	603361.9	* 22.	240. AG	59.	100.0	.0	24.0	.38 1.1
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	1225.	3.3	.0	44.0	
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	1225.	3.3	.0	44.0	
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	1225.	3.3	.0	44.0	
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	250. AG	10.	100.0	.0	12.0	.0
75. 70 eb thru Q	* 210915.0	603373.0	210871.6	603347.8	* 50.	240. AG	18.	100.0	.0	24.0	.52 2.5
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	1275.	3.3	.0	44.0	
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	400.	3.0	.0	32.0	
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	400.	3.0	.0	32.0	
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	400.	3.0	.0	32.0	
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	400.	3.0	.0	32.0	

S22NB15A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	400.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	400.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	400.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	400.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2175.	4.2	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2175.	4.2	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2175.	4.2	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2175.	4.2	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	4775.	3.1	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	4775.	3.1	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	4775.	3.1	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	4775.	3.1	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2175.	4.2	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2175.	4.2	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2175.	4.2	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 22:55:06.21

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96. 94	I-270 SB	* 206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	4775.	3.1	.0	44.0
97. 95	"	* 206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	4775.	3.1	.0	44.0
98. 96	"	* 207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	4775.	3.1	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 22:55:06.21

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
17. 17	"	* 130	112	4.0	150	1681	33.40	2	3
20. 20	"	* 130	112	4.0	25	1583	33.40	2	3
36. 36	NB80RMLT	* 70	45	2.0	425	1770	33.40	1	3
39. 39	"	* 70	45	2.0	1	1750	33.40	3	3
45. 45	"	* 70	23	2.0	1	1750	33.40	1	3
57. 57	"	* 130	26	4.0	325	1863	33.40	2	3
60. 60	"	* 130	1	2.0	425	1583	33.40	3	3
66. 66	80EB @ SB RP RT	* 70	23	2.0	450	1863	33.40	3	3
70. 70	"	* 70	23	2.0	350	749	33.40	1	3
74. 70	eb r	* 130	15	4.0	1	712	33.40	2	3
75. 70	eb thru Q	* 130	15	4.0	1225	1405	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. S22 RES.	* 208580.0	604451.0	5.0	*

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.3
5.	*	.3
10.	*	.3
15.	*	.3
20.	*	.3
25.	*	.3
30.	*	.3
35.	*	.3
40.	*	.3
45.	*	.3
50.	*	.3
55.	*	.3
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.4
85.	*	.4
90.	*	.4
95.	*	.4
100.	*	.5
105.	*	.5
110.	*	.4
115.	*	.2
120.	*	.1
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0

S22NB15A.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .1
305. * .2
310. * .3
315. * .4
320. * .4
325. * .4
330. * .4
335. * .4
340. * .4
345. * .4
350. * .3
355. * .3
360. * .3
-----*-----

MAX * .5
DEGR. * 100

THE HIGHEST CONCENTRATION IS .50 PPM AT 100 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 22:55:06.21

RUN: SITE 22 NB15 FINGERBOARD RDM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 100
-----*-----

1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22NB15A.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.0
86	*	.1
87	*	.0
88	*	.0
89	*	.0
90	*	.1
91	*	.2
92	*	.1
93	*	.0
94	*	.0
95	*	.0
96	*	.0
97	*	.0
98	*	.0

NB FINGERBOARD RD(S22NB15A.DAT)			60.0175.0.0000.000			S22NB15P.DAT		
S22 RES. 208580. 604451. 5.0			10.30480000			11 1		
SITE 22 NB15 FINGERBOARD RDAM			98 1 1					
1	1	I-270 NB	AG212123.602857.211994.603067.	4150	3.1	0.44.	35	
2	1	"	AG211994.603067.211815.603289.	4150	3.1	0.44.	35	
3	1	"	AG211815.603289.211559.603515.	4150	3.1	0.44.	35	
4	1	"	AG211559.603515.211253.603705.	4150	3.1	0.44.	35	
5	1	"	AG211253.603705.210964.603808.	4150	3.1	0.44.	35	
6	1	"	AG210964.603808.210632.603909.	4150	3.1	0.44.	35	
7	1	"	AG210632.603909.210521.603943.	4150	3.1	0.44.	35	
8	1	NB OFF TO 80	AG211253.603705.211126.603793.	300	3.0	0.32.	30	
9	1	"	AG211126.603793.211096.603870.	300	3.0	0.32.	30	
10	1	"	AG211096.603870.211099.603928.	300	3.0	0.32.	30	
11	1	"	AG211099.603928.211132.603985.	300	3.0	0.32.	30	
12	1	"	AG211132.603985.211202.604026.	300	3.0	0.32.	30	
13	1	"	AG211202.604026.211506.604039.	300	3.0	0.32.	30	
14	1	"	AG211506.604039.211574.604009.	300	3.0	0.32.	30	
15	1	"	AG211574.604009.211619.603949.	300	3.0	0.32.	30	
16	1	NB OFF LEFT	AG211619.603949.211694.603814.	225	3.0	0.44.	30	
17	2	" 90	Q AG211678.603844.211643.603906. 72 4. 225 33.4 1681 2 3	0.	24.	2		
18	1	NB OFF RIGHT	AG211619.603949.211622.603852.	75	3.0	0.32.	30	
19	1	"	AG211622.603852.211576.603776.	75	3.0	0.32.	30	
20	2	" 90	Q AG211581.603783.211619.603846. 72 4. 75 33.4 1583 2 3	0.	12.	1		
21	1	"	AG211576.603776.211500.603713.	75	3.0	0.32.	30	
22	1	I-270 SB	AG210496.603858.210975.603725.	2025	4.3	0.44.	58	
23	1	"	AG210975.603725.211238.603621.	2025	4.3	0.44.	58	
24	1	"	AG211238.603621.211517.603438.	2025	4.3	0.44.	58	
25	1	"	AG211517.603438.211675.603313.	2025	4.3	0.44.	58	
26	1	"	AG211675.603313.211775.603212.	2025	4.3	0.44.	58	
27	1	"	AG211775.603212.212061.602812.	2025	4.3	0.44.	58	
28	1	270SB OFF TO 80	AG211517.603438.211562.603334.	400	3.0	0.32.	30	
29	1	"	AG211562.603334.211547.603254.	400	3.0	0.32.	30	
30	1	"	AG211547.603254.211495.603196.	400	3.0	0.32.	30	
31	1	"	AG211495.603196.211437.603174.	400	3.0	0.32.	30	
32	1	"	AG211437.603174.211134.603171.	400	3.0	0.32.	30	
33	1	"	AG211134.603171.211056.603197.	400	3.0	0.32.	30	
34	1	"	AG211056.603197.211000.603280.	400	3.0	0.32.	30	
35	1	SB OFFSPLIT T080	AG211000.603280.210939.603387.	100	3.0	0.32.	30	
36	2	NB80RMLPT 60	AG210952.603364.210991.603296. 46 2. 100 33.4 1770 1 3	0.	12.	1		
37	1	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.0	0.32.	30	
38	1	"	AG211006.603365.211042.603414.	1	3.0	0.32.	30	
39	2	" 60	AG211039.603409.211008.603368. 46 2. 1 33.4 1750 3 3	0.	12.	1		
40	1	"	AG211042.603414.211180.603518.	1	3.0	0.32.	30	
41	1	WB 80	AG212296.604166.211969.603976.	1125	3.3	0.44.	40	
42	1	"	AG211969.603976.211863.603927.	1125	3.3	0.44.	40	
43	1	RT ON FR 80W	AG211863.603927.211763.603900.	700	3.3	0.44.	40	
44	1	"	AG211763.603900.211658.603923.	700	3.3	0.44.	40	
45	2	" 60	AG211700.603914.211755.603901. 12 2. 1 33.4 1750 1 3	0.	12.	1		
46	1	80 ON TO NB270	AG211658.603923.211599.604013.	700	3.3	0.44.	40	
47	1	I-270 NB ON	AG211599.604013.211532.604055.	700	3.0	0.32.	30	
48	1	"	AG211532.604055.211438.604062.	700	3.0	0.32.	30	
49	1	"	AG211438.604062.211206.604048.	700	3.0	0.32.	30	

50	1	"	AG211206.604048.211148.604025.	700	3.0	0.32.	30
51	1	"	AG211148.604025.211083.603964.	700	3.0	0.32.	30
52	1	"	AG211083.603964.211022.603890.	700	3.0	0.32.	30
53	1	"	AG211022.603890.210965.603858.	700	3.0	0.32.	30
54	1	"	AG210965.603858.210905.603856.	700	3.0	0.32.	30
55	1	"	AG210905.603856.210632.603909.	700	3.0	0.32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	575	3.0	0.32.	17
57	1	" 90 29	AG211726.603838.211805.603889. 4. 575 33.4 1863 2 3	0.	12.	1	
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	650	3.3	0.44.	40
59	2	"	AG211500.603713.210937.603394.	550	3.3	0.44.	40
60	1	" Q 90	AG210962.603409.211025.603444. 1 2. 550 33.4 1583 3 3	0.	12.	1	
61	1	80 WB	AG210937.603394.210562.603186.	575	3.3	0.44.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	300	3.3	0.44.	40
63	1	"	AG210667.603227.210778.603284.	300	3.3	0.44.	40
64	1	"	AG210778.603284.210850.603300.	300	11.5	0.44.	35
65	1	"	AG210850.603300.210918.603294.	300	3.3	0.44.	40
66	2	80EB @ SB RP RT 60 12	AG210907.603295.210853.603299. 2. 300 33.4 1863 3 3	0.	12.	1	
67	1	"	AG210918.603294.210980.603262.	300	3.3	0.44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	650	3.3	0.44.	40
69	2	"	AG210830.603323.210939.603387.	650	3.3	0.44.	40
70	1	" Q 60	AG210915.603373.210841.603330. 12 2. 650 33.4 1517 1 3	0.	24.	2	
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	600	3.3	0.44.	40
72	1	"	AG211180.603518.211557.603727.	600	3.3	0.44.	40
73	1	"	AG211557.603727.211989.603968.	600	3.3	0.44.	40
74	2	eb r 90 Q 16	AG210915.603373.210841.603330. 4. 1 33.4 712 2 3	0.	12.	1	
75	2	eb thru Q 90 16	AG210915.603373.210841.603330. 4. 600 33.4 1211 2 3	0.	24.	2	
76	1	80 EB	AG211989.603968.212305.604152.	675	3.3	0.44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	200	3.0	0.32.	30
78	1	"	AG211024.603189.211087.603149.	200	3.0	0.32.	30
79	1	"	AG211087.603149.211145.603140.	200	3.0	0.32.	30
80	1	"	AG211145.603140.211440.603144.	200	3.0	0.32.	30
81	1	"	AG211440.603144.211499.603163.	200	3.0	0.32.	30
82	1	"	AG211499.603163.211594.603223.	200	3.0	0.32.	30
83	1	"	AG211594.603223.211664.603235.	200	3.0	0.32.	30
84	1	"	AG211664.603235.211775.603212.	200	3.0	0.32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	4550	3.1	0.44.	35
86	1	"	AG209400.604253.208836.604494.	4550	3.1	0.44.	35
87	1	"	AG208836.604494.208166.604895.	4550	3.1	0.44.	35
88	1	"	AG208166.604895.207724.605289.	4550	3.1	0.44.	35
89	1	I-270 SB	AG207646.605231.208105.604843.	2225	4.3	0.44.	58
90	1	"	AG208105.604843.208804.604420.	2225	4.3	0.44.	58
91	1	"	AG208804.604420.209380.604177.	2225	4.3	0.44.	58
92	1	"	AG209380.604177.210495.603858.	2225	4.3	0.44.	58
93	1	I-270 NB	AG207724.605289.207503.605510.	4550	3.1	0.44.	35
94	1	"	AG207503.605510.207122.605997.	4550			

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 23:04:54.19

RUN: SITE 22 NB15 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	4150.	3.1	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	4150.	3.1	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	4150.	3.1	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	4150.	3.1	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	4150.	3.1	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	4150.	3.1	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	4150.	3.1	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	300.	3.0	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	300.	3.0	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	300.	3.0	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	300.	3.0	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	300.	3.0	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	300.	3.0	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	300.	3.0	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	300.	3.0	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	225.	3.0	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211656.3	603882.4	* 44.	331. AG	143.	100.0	.0	24.0	.50	2.2
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	75.	3.0	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	75.	3.0	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211596.3	603808.3	* 30.	31. AG	72.	100.0	.0	12.0	.36	1.5
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	75.	3.0	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2025.	4.3	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2025.	4.3	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2025.	4.3	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2025.	4.3	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2025.	4.3	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	2025.	4.3	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	400.	3.0	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	400.	3.0	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	400.	3.0	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	400.	3.0	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	400.	3.0	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	400.	3.0	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	400.	3.0	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	100.	3.0	.0	32.0		
36. 36 NB80RMLT	* 210952.0	603364.0	210964.5	603342.2	* 25.	150. AG	69.	100.0	.0	12.0	.34	1.3
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.0	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	3.0	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	218. AG	69.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	3.0	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1125.	3.3	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1125.	3.3	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	700.	3.3	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	700.	3.3	.0	44.0		

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 23:04:54.19

RUN: SITE 22 NB15 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.1	603914.0	* 0.	78. AG	18.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	700.	3.3	.0	44.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	700.	3.0	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	700.	3.0	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	700.	3.0	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	700.	3.0	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	700.	3.0	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	700.	3.0	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	700.	3.0	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	700.	3.0	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	700.	3.0	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	575.	3.0	.0	32.0		
57. 57 "	* 211726.0	603838.0	211802.6	603887.5	* 91.	57. AG	29.	100.0	.0	12.0	.51	4.6
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	650.	3.3	.0	44.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	550.	3.3	.0	44.0		
60. 60 " Q	* 210962.0	603409.0	210964.6	603410.4	* 3.	61. AG	1.	100.0	.0	12.0	.37	.2
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	575.	3.3	.0	44.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	300.	3.3	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	300.	3.3	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	300.	11.5	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	300.	3.3	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210887.4	603296.4	* 20.	274. AG	18.	100.0	.0	12.0	.22	1.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	300.	3.3	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	650.	3.3	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	650.	3.3	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210896.6	603362.3	* 21.	240. AG	36.	100.0	.0	24.0	.29	1.1
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	600.	3.3	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	600.	3.3	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	600.	3.3	.0	44.0		
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	242. AG	16.	100.0	.0	12.0	.00	.0
75. 70 eb thru Q	* 210915.0	603373.0	210892.3	603359.8	* 26.	240. AG	32.	100.0	.0	24.0	.33	1.3
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	675.	3.3	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	200.	3.0	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	200.	3.0	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	200.	3.0	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	200.	3.0	.0	32.0		

S22NB15P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	200.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	200.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	200.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	200.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	4550.	3.1	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	4550.	3.1	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	4550.	3.1	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	4550.	3.1	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2225.	4.3	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2225.	4.3	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2225.	4.3	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2225.	4.3	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	4550.	3.1	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	4550.	3.1	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	4550.	3.1	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 23:04:54.19

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)	
96. 94	I-270 SB	* 206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2225.	4.3	.0 44.0
97. 95	"	* 206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2225.	4.3	.0 44.0
98. 96	"	* 207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2225.	4.3	.0 44.0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 23:04:54.19

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17	"	90	72	4.0	225	1681	33.40	2 3
20. 20	"	90	72	4.0	75	1583	33.40	2 3
36. 36	NB80RMLT	60	46	2.0	100	1770	33.40	1 3
39. 39	"	60	46	2.0	1	1750	33.40	3 3
45. 45	"	60	12	2.0	1	1750	33.40	1 3
57. 57	"	90	29	4.0	575	1863	33.40	2 3
60. 60	"	90	1	2.0	550	1583	33.40	3 3
66. 66	80EB @ SB RP RT	60	12	2.0	300	1863	33.40	3 3
70. 70	"	60	12	2.0	650	1517	33.40	1 3
74. 70	eb r	90	16	4.0	1	712	33.40	2 3
75. 70	eb thru Q	90	16	4.0	600	1211	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. S22 RES.	* 208580.0	604451.0	5.0	*

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.2
5.	*	.2
10.	*	.2
15.	*	.2
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.2
75.	*	.4
80.	*	.3
85.	*	.3
90.	*	.3
95.	*	.3
100.	*	.4
105.	*	.4
110.	*	.3
115.	*	.1
120.	*	.1
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0

S22NB15P.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .1
305. * .1
310. * .3
315. * .3
320. * .4
325. * .3
330. * .3
335. * .4
340. * .4
345. * .4
350. * .3
355. * .3
360. * .2

-----*-----
MAX * .4
DEGR. * 75

THE HIGHEST CONCENTRATION IS .40 PPM AT 75 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)
DATE: 01/19/2007 TIME: 23:04:54.19

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 75
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22NB15P.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S22NB15A.DAT)

RUN: SITE 22 NB15 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	* .0	
47	* .0	
48	* .0	
49	* .0	
50	* .0	
51	* .0	
52	* .0	
53	* .0	
54	* .0	
55	* .0	
56	* .0	
57	* .0	
58	* .0	
59	* .0	
60	* .0	
61	* .0	
62	* .0	
63	* .0	
64	* .0	
65	* .0	
66	* .0	
67	* .0	
68	* .0	
69	* .0	
70	* .0	
71	* .0	
72	* .0	
73	* .0	
74	* .0	
75	* .0	
76	* .0	
77	* .0	
78	* .0	
79	* .0	
80	* .0	
81	* .0	
82	* .0	
83	* .0	
84	* .0	
85	* .0	
86	* .1	
87	* .1	
88	* .0	
89	* .0	
90	* .2	
91	* .0	
92	* .0	
93	* .0	
94	* .0	
95	* .0	
96	* .0	
97	* .0	
98	* .0	

		B1 FINGERBOARD RD(S22B115A.DAT)		60.0175.0.0000.000		10.30480000		S22B115A		11		1	
S22 RES.		208580.		604451.		5.0							
SITE 22 B115 FINGERBOARD RDAM		98		1		1							
16	1	NB off RMP	AG211619.603949.211694.603814.	175	3.0	0.	44.	30					
17	2	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2							
	130		112 3 175 33.4 1681 3 3										
18	1	NB off RMP	AG211619.603949.211622.603852.	25	3.0	0.	32.	30					
	2	NB off Ram	AG211622.603852.211576.603776.	25	3.0	0.	32.	30					
20	2	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1							
	130		112 3 25 33.4 1583 3 3										
20	1	NB off Ram	AG211576.603776.211500.603713.	25	3.0	0.	32.	30					
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	400	3.0	0.	32.	30					
43	1	NB on RMP	AG211863.603927.211763.603900.	400	3.0	0.	32.	30					
	1	NB on RMP	AG211763.603900.211658.603923.	400	3.0	0.	32.	30					
	2	NB on RMP	AG211700.603914.211755.603901.	0.	12.	1							
	130		1 3 400 33.4 1583 3 3										
	1	NB RMP	WT8AG211863.603927.211704.603824.	325	3.0	0.	32.	30					
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1							
	130		27 3 325 33.4 1863 3 3										
	1	NB RMP	E80AG211705.603811.211556.603727.	1225	3.0	0.	44.	61					
	2	NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2							
	130		16 5.0 1225 33.4 1404 3 3										
dp	1	NB RMP	E80AG212302.604151.211707.603812.	1300	3.3	0.	44.	40					
	1	NB on RMP	AG210486.603978.210661.603955.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG210661.603955.210810.603952.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG210810.603952.211023.603995.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG211023.603995.211207.604048.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG211207.604048.211523.604060.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG211523.604060.211609.604006.	500	3.0	0.	32.	61					
0	1	NB on RMP	AG211609.604006.211660.603921.	500	3.0	0.	32.	61					
	1	NB RMP	CirAG211376.603670.211303.603731.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211303.603731.211187.603798.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211187.603798.211149.603856.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211149.603856.211147.603933.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211147.603933.211199.604010.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211199.604010.211306.604034.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211306.604034.211515.604036.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211515.604036.211583.604001.	200	3.0	0.	32.	61					
0	1	NB RMP	CirAG211583.604001.211619.603948.	200	3.0	0.	32.	61					
41	1	WB 80	AG212296.604166.211969.603976.	725	3.3	0.	44.	40					
42	1	WB 80	AG211969.603976.211863.603927.	725	3.3	0.	44.	40					
58	1	wb 80	AG211704.603824.211500.603713.	350	3.3	0.	32.	40					
64	1	EB 80SB270	AG210778.603284.210850.603300.	450	3.3	0.	44.	40					
65	1	EB 80SB270	AG210850.603300.210918.603294.	450	3.3	0.	44.	40					
66	1	EB 80SB270	AG210918.603294.210980.603262.	450	3.3	0.	44.	40					
71	1	EB 80	AG210939.603387.211180.603518.	450	3.3	0.	44.	40					
72	1	EB 80	AG211180.603518.211557.603727.	450	3.3	0.	44.	40					
	2	SB RMP	E80AG210940.603389.210778.603295.	450	3.3	0.	56.	40					
	65	SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3							
			23 5.0 450 33.4 1863 3 3										
0	1	SB RMP	E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40					
	1	SB RMP	WL8AG210939.603399.211080.603480.	300	3.3	0.	44.	40					
	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2							
	65		23 5.0 300 33.4 739 3 3										
0	1	SB RMP	WT8AG210933.603408.211079.603489.	50	3.3	0.	44.	40					
	1	SB RMP	W80AG211083.603489.211492.603717.	500	3.3	0.	44.	40					
0	1	SB RMP	W80AG210512.603159.210932.603403.	50	3.3	0.	44.	40					
	1	SB RMP	WL AG210983.603264.210920.603384.	300	3.3	0.	32.	40					

S22B115A

1									
0	1	SB RMP	CirAG211165.603508.211049.603414.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211049.603414.211008.603364.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211008.603364.211004.603287.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211004.603287.211029.603227.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211029.603227.211089.603177.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211089.603177.211193.603166.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211193.603166.211419.603175.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211419.603175.211499.603251.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211499.603251.211511.603344.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211511.603344.211486.603403.	775	3.0	0.	32.	30	
0	1	SB RMP	CirAG211486.603403.211423.603469.	775	3.0	0.	32.	30	
0	1	SB On RMP	AG212132.602583.212057.602692.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG212057.602692.211962.602817.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211962.602817.211858.602905.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211858.602905.211734.602975.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211734.602975.211590.603019.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211590.603019.211347.603049.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211347.603049.211193.603089.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211193.603089.211084.603156.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211084.603156.211020.603194.	400	3.0	0.	32.	30	
0	1	SB On RMP	AG211020.603194.210976.603256.	400	3.0	0.	32.	30	
0	1	NB GP	AG210288.604040.210994.603831.	1925	4.4	0.	44.	60	
0	1	NB GP	AG210994.603831.211305.603711.	1925	4.4	0.	44.	60	
0	1	NB GP	AG211305.603711.211575.603546.	1925	4.4	0.	44.	60	
0	1	NB GP	AG211575.603546.211828.603315.	1925	4.4	0.	44.	60	
0	1	NB GP	AG211828.603315.211976.603144.	1925	4.4	0.	44.	60	
0	1	NB GP	AG211976.603144.212095.602967.	1925	4.4	0.	44.	60	
0	1	NB ETL	AG210281.603985.210773.603848.	275	4.5	0.	32.	62	
0	1	NB ETL	AG210773.603848.211062.603762.	275	4.5	0.	32.	62	
0	1	NB ETL	AG211062.603762.211342.603634.	275	4.5	0.	32.	62	
0	1	NB ETL	AG211342.603634.211533.603513.	275	4.5	0.	32.	62	
0	1	NB ETL	AG211533.603513.211718.603362.	275	4.5	0.	32.	62	
0	1	NB ETL	AG211718.603362.211890.603183.	275	4.5	0.	32.	62	
0	1	NB ETL	AG211890.603183.212018.603004.	275	4.5	0.	32.	62	
0	1	NB ETL	AG212018.603004.212104.602860.	275	4.5	0.	32.	62	
0	1	SB ETL	AG212069.602828.211997.602953.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211997.602953.211855.603148.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211855.603148.211711.603304.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211711.603304.211544.603446.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211544.603446.211308.603599.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211308.603599.211112.603692.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG211112.603692.210901.603766.	1000	4.5	0.	32.	61	
0	1	SB ETL	AG210901.603766.210314.603929.	1000	4.5	0.	32.	61	
0	1	SB GP	AG212064.602739.211923.602984.	4175	4.5	0.	44.	61	
0	1	SB GP	AG211923.602984.211730.603225.	4175	4.5	0.	44.	61	
0	1	SB GP	AG211730.603225.211584.603358.	4175	4.5	0.	44.	61	
0	1	SB GP	AG211584.603358.211349.603520.	4175	4.5	0.	44.	61	
0	1	SB GP	AG211349.603520.211054.603666.	4175	4.5	0.	44.	61	
0	1	SB GP	AG211054.603666.210639.603797.	4175	4.5	0.	44.	61	
0	1	SB GP	AG210639.603797.210231.603904.	4175	4.5	0.	44.	61	
1.0	0.4	1000.	0.0Y 5 0 72						

JOB: B1 FINGERBOARD RD(S22B115A.DAT)
DATE: 01/19/2007 TIME: 22:51:28.16

RUN: SITE 22 B115 FINGERBOARD RDAM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.8	603890.4	*	53.	331. AG	154.	100.0	.0	24.0	.43 2.7
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	3.0	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	77.	100.0	.0	12.0	.13 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	3.0	.0	32.0	
9. 43	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	3.0	.0	32.0	
10. 43	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.26 .1
11. 43	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	325.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211766.3	603864.1	*	48.	57. AG	19.	100.0	.0	12.0	.23 2.4
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1225.	3.0	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211640.4	603774.7	*	54.	241. AG	22.	100.0	.0	24.0	.53 2.7
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1300.	3.3	.0	44.0	
16. 0	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	3.0	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	725.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	725.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	350.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.3	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.3	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210911.7	603373.5	*	19.	240. AG	95.	100.0	.0	36.0	.15 1.0
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.3	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210965.3	603413.5	*	19.	60. AG	63.	100.0	.0	24.0	.38 1.0

JOB: B1 FINGERBOARD RD(S22B115A.DAT)
DATE: 01/19/2007 TIME: 22:51:28.16

RUN: SITE 22 B115 FINGERBOARD RDAM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	50.	3.3	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	50.	3.3	.0	44.0	
48. 0	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	775.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	775.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	775.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	775.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	775.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	775.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	775.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	775.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	775.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	775.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	775.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	3.0	.0	32.0	
70. 0	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1925.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1925.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1925.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1925.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1925.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1925.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	275.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	275.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	275.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	275.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	275.	4.5	.0	32.0	

S22B115A

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	275.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	275.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	275.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1000.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1000.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1000.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1000.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1000.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1000.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1000.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1000.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4175.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4175.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4175.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304. AG	4175.	4.5	.0	44.0

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)
DATE: 01/19/2007 TIME: 22:51:28.16

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4175.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4175.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4175.	4.5	.0	44.0	

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)
DATE: 01/19/2007 TIME: 22:51:28.16

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	.3	175	1681	33.40	3	3
5. 20	NB off Ram*	130	112	.3	25	1583	33.40	3	3
10. 10	NB on RMP *	130	1	.3	400	1583	33.40	3	3
12. 57	NB RMP WT8*	130	27	.3	325	1863	33.40	3	3
14. 14	NB RMP E80*	130	16	5.0	1225	1404	33.40	3	3
41. 41	SB RMP E80*	65	23	5.0	450	1863	33.40	3	3
44. 44	SB RMP WL8*	65	23	5.0	300	739	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B115A

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)
DATE: 01/19/2007 TIME: 22:51:28.16

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S22B115A

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B1 FINGERBOARD RD(S22B115A.DAT)

RUN: SITE 22 B115 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

		S22B115P			
B1 FINGERBOARD RD(S22B115P.DAT)		60.0175.0.0000.000		10.30480000 11 1	
S22 RES. 208580. 604451. 5.0					
SITE 22 B115 FINGERBOARD RDPM		98 1 1			
16	NB off RMPAG211619.603949.211694.603814.	225	3.0	0. 44.	30
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2	
90	71 3 225 33.4 1681 3 3				
18	NB off RMPAG211619.603949.211622.603852.	75	3.0	0. 32.	30
1	NB off RamAG211622.603852.211576.603776.	75	3.0	0. 32.	30
2					
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1	
90	71 3 75 33.4 1583 3 3				
20	NB off RamAG211576.603776.211500.603713.	75	3.0	0. 32.	30
36	NB 80 ONRAAG211000.603280.210939.603387.	550	3.0	0. 32.	30
43	NB on RMP AG211863.603927.211763.603900.	550	3.0	0. 32.	30
1	NB on RMP AG211763.603900.211658.603923.	550	3.0	0. 32.	30
2					
90	NB on RMP AG211700.603914.211755.603901.	0.	12.	1	
1	1 3 550 33.4 1583 3 3				
2	NB RMP WT8AG211863.603927.211704.603824.	575	3.3	0. 32.	40
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1	
90	30 3 575 33.4 1863 3 3				
1	NB RMP E80AG211705.603811.211556.603727.	600	3.3	0. 44.	40
2					
90	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2	
1	16 5.0 600 33.4 1203 3 3				
dp	NB RMP E80AG212302.604151.211707.603812.	650	3.3	0. 44.	40
1	NB on RMP AG210486.603978.210661.603955.	725	3.0	0. 32.	61
0	NB on RMP AG210661.603955.210810.603952.	725	3.0	0. 32.	61
0	NB on RMP AG210810.603952.211023.603995.	725	3.0	0. 32.	61
0	NB on RMP AG211023.603995.211207.604048.	725	3.0	0. 32.	61
0	NB on RMP AG211207.604048.211523.604060.	725	3.0	0. 32.	61
0	NB on RMP AG211523.604060.211609.604006.	725	3.0	0. 32.	61
0	NB on RMP AG211609.604006.211660.603921.	725	3.0	0. 32.	61
0	NB RMP CirAG211376.603670.211303.603731.	300	3.0	0. 32.	61
0	NB RMP CirAG211303.603731.211187.603798.	300	3.0	0. 32.	61
0	NB RMP CirAG211187.603798.211149.603856.	300	3.0	0. 32.	61
0	NB RMP CirAG211149.603856.211147.603933.	300	3.0	0. 32.	61
0	NB RMP CirAG211147.603933.211199.604010.	300	3.0	0. 32.	61
0	NB RMP CirAG211199.604010.211306.604034.	300	3.0	0. 32.	61
0	NB RMP CirAG211306.604034.211515.604036.	300	3.0	0. 32.	61
0	NB RMP CirAG211515.604036.211583.604001.	300	3.0	0. 32.	61
0	NB RMP CirAG211583.604001.211619.603948.	300	3.0	0. 32.	61
41	WB 80 AG212296.604166.211969.603976.	1125	3.3	0. 44.	40
42	WB 80 AG211969.603976.211863.603927.	1125	3.3	0. 44.	40
58	wb 80 AG211704.603824.211500.603713.	650	3.3	0. 32.	40
64	EB 80SB270AG210778.603284.210850.603300.	300	3.3	0. 44.	40
65	EB 80SB270AG210850.603300.210918.603294.	300	3.3	0. 44.	40
66	EB 80SB270AG210918.603294.210980.603262.	300	3.3	0. 44.	40
71	EB 80 AG210939.603387.211180.603518.	300	3.3	0. 44.	40
72	EB 80 AG211180.603518.211557.603727.	300	3.3	0. 44.	40
1	SB RMP E80AG210940.603389.210778.603295.	300	3.3	0. 44.	40
2					
60	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3	
1	12 5.0 300 33.4 1863 3 3				
0	SB RMP E80AG210772.603286.210466.603118.	650	3.3	0. 56.	40
1	SB RMP WL8AG210939.603399.211080.603480.	175	3.3	0. 44.	40
2					
60	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2	
1	12 5.0 175 33.4 1413 3 3				
0	SB RMP WT8AG210933.603408.211079.603489.	175	3.3	0. 44.	40
1	SB RMP W80AG211083.603489.211492.603717.	575	3.3	0. 44.	40
0	SB RMP W80AG210512.603159.210932.603403.	475	3.3	0. 44.	40
1	SB RMP WL AG210983.603264.210920.603384.	175	3.3	0. 44.	40

S22B115P

1						
0	1	SB RMP CirAG211165.603508.211049.603414.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211049.603414.211008.603364.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211008.603364.211004.603287.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211004.603287.211029.603227.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211029.603227.211089.603177.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211089.603177.211193.603166.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211193.603166.211419.603175.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211419.603175.211499.603251.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211499.603251.211511.603344.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211511.603344.211486.603403.	300	3.0	0. 32.	61
0	1	SB RMP CirAG211486.603403.211423.603469.	300	3.0	0. 32.	61
0	1	SB On RMP AG212132.602583.212057.602692.	350	3.0	0. 32.	61
0	1	SB On RMP AG212057.602692.211962.602817.	350	3.0	0. 32.	61
0	1	SB On RMP AG211962.602817.211858.602905.	350	3.0	0. 32.	61
0	1	SB On RMP AG211858.602905.211734.602975.	350	3.0	0. 32.	61
0	1	SB On RMP AG211734.602975.211590.603019.	350	3.0	0. 32.	61
0	1	SB On RMP AG211590.603019.211347.603049.	350	3.0	0. 32.	61
0	1	SB On RMP AG211347.603049.211193.603089.	350	3.0	0. 32.	61
0	1	SB On RMP AG211193.603089.211084.603156.	350	3.0	0. 32.	61
0	1	SB On RMP AG211084.603156.211020.603194.	350	3.0	0. 32.	61
0	1	SB On RMP AG211020.603194.210976.603256.	350	3.0	0. 32.	61
0	1	NB GP AG210288.604040.210994.603831.	4075	4.4	0. 44.	60
0	1	NB GP AG210994.603831.211305.603711.	4075	4.4	0. 44.	60
0	1	NB GP AG211305.603711.211575.603546.	4075	4.4	0. 44.	60
0	1	NB GP AG211575.603546.211828.603315.	4075	4.4	0. 44.	60
0	1	NB GP AG211828.603315.211976.603144.	4075	4.4	0. 44.	60
0	1	NB GP AG211976.603144.212095.602967.	4075	4.4	0. 44.	60
0	1	NB ETL AG210281.603985.210773.603848.	1150	4.5	0. 32.	62
0	1	NB ETL AG210773.603848.211062.603762.	1150	4.5	0. 32.	62
0	1	NB ETL AG211062.603762.211342.603634.	1150	4.5	0. 32.	62
0	1	NB ETL AG211342.603634.211533.603513.	1150	4.5	0. 32.	62
0	1	NB ETL AG211533.603513.211718.603362.	1150	4.5	0. 32.	62
0	1	NB ETL AG211718.603362.211890.603183.	1150	4.5	0. 32.	62
0	1	NB ETL AG211890.603183.212018.603004.	1150	4.5	0. 32.	62
0	1	NB ETL AG212018.603004.212104.602860.	1150	4.5	0. 32.	62
0	1	SB ETL AG212069.602828.211997.602953.	275	4.5	0. 32.	61
0	1	SB ETL AG211997.602953.211855.603148.	275	4.5	0. 32.	61
0	1	SB ETL AG211855.603148.211711.603304.	275	4.5	0. 32.	61
0	1	SB ETL AG211711.603304.211544.603446.	275	4.5	0. 32.	61
0	1	SB ETL AG211544.603446.211308.603599.	275	4.5	0. 32.	61
0	1	SB ETL AG211308.603599.211112.603692.	275	4.5	0. 32.	61
0	1	SB ETL AG211112.603692.210901.603766.	275	4.5	0. 32.	61
0	1	SB ETL AG210901.603766.210314.603929.	275	4.5	0. 32.	61
0	1	SB GP AG212064.602739.211923.602984.	2225	4.5	0. 44.	61
0	1	SB GP AG211923.602984.211730.603225.	2225	4.5	0. 44.	61
0	1	SB GP AG211730.603225.211584.603358.	2225	4.5	0. 44.	61
0	1	SB GP AG211584.603358.211349.603520.	2225	4.5	0. 44.	61
0	1	SB GP AG211349.603520.211054.603666.	2225	4.5	0. 44.	61
0	1	SB GP AG211054.603666.210639.603797.	2225	4.5	0. 44.	61
0	1	SB GP AG210639.603797.210231.603904.	2225	4.5	0. 44.	61
1.0	0.4	1000. 0.0Y 5 0 72				

JOB: B1 FINGERBOARD RD(S22B115P.DAT)
DATE: 01/19/2007 TIME: 22:52:48.96

RUN: SITE 22 B115 FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.6	603881.9	*	43.	331. AG	141.	100.0	.0	24.0	.36 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	3.0	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.0	603807.9	*	29.	31. AG	71.	100.0	.0	12.0	.26 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	3.0	.0	32.0	
9.	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	3.0	.0	32.0	
10.	NB on RMP *	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.36 .2
11.	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	3.3	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	30.	100.0	.0	12.0	.48 4.8
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	3.3	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211664.1	603788.1	*	26.	241. AG	32.	100.0	.0	24.0	.34 1.3
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.3	.0	44.0	
16.	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	3.0	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	650.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.3	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.3	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210922.3	603379.7	*	7.	240. AG	54.	100.0	.0	36.0	.08 .3
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.3	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210953.9	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.09 .3

JOB: B1 FINGERBOARD RD(S22B115P.DAT)
DATE: 01/19/2007 TIME: 22:52:48.96

RUN: SITE 22 B115 FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	175.	3.3	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.3	.0	44.0	
48.	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.3	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	3.0	.0	32.0	
70.	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4075.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4075.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4075.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4075.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4075.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4075.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1150.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1150.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1150.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1150.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1150.	4.5	.0	32.0	

S22B115P

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1150.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1150.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1150.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	275.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	275.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	275.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	275.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	275.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	275.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	275.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	275.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2225.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2225.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2225.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304. AG	2225.	4.5	.0	44.0

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)
DATE: 01/19/2007 TIME: 22:52:48.96

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2225.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2225.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2225.	4.5	.0	44.0	

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)
DATE: 01/19/2007 TIME: 22:52:48.96

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	71	.3	225	1681	33.40	3	3
5. 20	NB off Ram*	90	71	.3	75	1583	33.40	3	3
10. 10	NB on RMP *	90	1	.3	550	1583	33.40	3	3
12. 57	NB RMP WT8*	90	30	.3	575	1863	33.40	3	3
14. 14	NB RMP E80*	90	16	5.0	600	1203	33.40	3	3
41. 41	SB RMP E80*	60	12	5.0	300	1863	33.40	3	3
44. 44	SB RMP WL8*	60	12	5.0	175	1413	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B115P

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)
DATE: 01/19/2007 TIME: 22:52:48.96

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S22B115P

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B1 FINGERBOARD RD(S22B115P.DAT)

RUN: SITE 22 B115 FINGERBOARD RDPM

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

S22B215A

B2 FINGERBOARD RD(S22B215A.DAT) 60.0175.0.0000.000 10.30480000 11 1

S22 RES. 208580. 604451. 5.0

SITE 22 B215 FINGERBOARD RDAM 98 1 1

16	1	NB off RMP	AG211619.603949.211694.603814.	175 3.0	0. 44.	30
17	2	NB off RMP	AG211678.603844.211643.603906.	0. 24.	2	
	130		112 5.0 175 33.4 1681 3 3			
18	1	NB off RMP	AG211619.603949.211622.603852.	25 3.0	0. 32.	30
	1	NB off Ram	AG211622.603852.211576.603776.	25 3.0	0. 32.	30
20	2	NB off Ram	AG211581.603783.211619.603846.	0. 12.	1	
	130		112 5.0 25 33.4 1583 3 3			
20	1	NB off Ram	AG211576.603776.211500.603713.	25 3.0	0. 32.	30
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	400 3.0	0. 32.	30
43	1	NB on RMP	AG211863.603927.211763.603900.	400 3.0	0. 32.	30
	1	NB on RMP	AG211763.603900.211658.603923.	400 3.0	0. 32.	30
	2	NB on RMP	AG211700.603914.211755.603901.	0. 12.	1	
	130		1 5.0 400 33.4 1583 3 3			
	1	NB RMP	WT8AG211863.603927.211704.603824.	350 3.0	0. 32.	30
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0. 12.	1	
	130		27 5.0 350 33.4 1863 3 3			
	1	NB RMP	E80AG211705.603811.211556.603727.	1250 3.0	0. 44.	61
	2	NB RMP	E80AG211687.603801.211593.603748.	0. 24.	2	
	150		15 5.0 1250 33.4 1389 3 3			
dp	1	NB RMP	E80AG212302.604151.211707.603812.	1325 3.3	0. 44.	40
	1	NB on RMP	AG210486.603978.210661.603955.	500 3.0	0. 32.	61
	0	NB on RMP	AG210661.603955.210810.603952.	500 3.0	0. 32.	61
	0	NB on RMP	AG210810.603952.211023.603995.	500 3.0	0. 32.	61
	0	NB on RMP	AG211023.603995.211207.604048.	500 3.0	0. 32.	61
	0	NB on RMP	AG211207.604048.211523.604060.	500 3.0	0. 32.	61
	0	NB on RMP	AG211523.604060.211609.604006.	500 3.0	0. 32.	61
	0	NB on RMP	AG211609.604006.211660.603921.	500 3.0	0. 32.	61
	0	NB RMP	CirAG211376.603670.211303.603731.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211303.603731.211187.603798.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211187.603798.211149.603856.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211149.603856.211147.603933.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211147.603933.211199.604010.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211199.604010.211306.604034.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211306.604034.211515.604036.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211515.604036.211583.604001.	200 3.0	0. 32.	61
	0	NB RMP	CirAG211583.604001.211619.603948.	200 3.0	0. 32.	61
41	1	WB 80	AG212296.604166.211969.603976.	750 3.3	0. 44.	40
42	1	WB 80	AG211969.603976.211863.603927.	750 3.3	0. 44.	40
58	1	wb 80	AG211704.603824.211500.603713.	375 3.3	0. 32.	40
64	1	EB 80SB270	AG210778.603284.210850.603300.	450 3.3	0. 44.	40
65	1	EB 80SB270	AG210850.603300.210918.603294.	450 3.3	0. 44.	40
66	1	EB 80SB270	AG210918.603294.210980.603262.	450 3.3	0. 44.	40
71	1	EB 80	AG210939.603387.211180.603518.	450 3.3	0. 44.	40
72	1	EB 80	AG211180.603518.211557.603727.	450 3.3	0. 44.	40
	2	SB RMP	E80AG210940.603389.210778.603295.	450 3.3	0. 56.	40
	75	SB RMP	E80AG210928.603383.210817.603318.	0. 36.	3	
			25 5.0 450 33.4 1863 3 3			
0	1	SB RMP	E80AG210772.603286.210466.603118.	1325 3.3	0. 56.	40
	1	SB RMP	WL8AG210939.603399.211080.603480.	300 3.3	0. 44.	40
	2	SB RMP	WL8AG210949.603404.211047.603461.	0. 24.	2	
	75		1 5.0 300 33.4 770 3 3			
0	1	SB RMP	WT8AG210933.603408.211079.603489.	75 3.3	0. 44.	40
	1	SB RMP	W80AG211083.603489.211492.603717.	525 3.3	0. 44.	40
0	1	SB RMP	W80AG210512.603159.210932.603403.	75 3.3	0. 44.	40
	1	SB RMP	WL AG210983.603264.210920.603384.	300 3.3	0. 32.	40

S22B215A						
0 1	SB RMP	CirAG211165.603508.211049.603414.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211049.603414.211008.603364.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211008.603364.211004.603287.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211004.603287.211029.603227.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211029.603227.211089.603177.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211089.603177.211193.603166.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211193.603166.211419.603175.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211419.603175.211499.603251.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211499.603251.211511.603344.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211511.603344.211486.603403.	800 3.0	0. 32.	30	
0 1	SB RMP	CirAG211486.603403.211423.603469.	800 3.0	0. 32.	30	
0 1	SB On RMP	AG212132.602583.212057.602692.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG212057.602692.211962.602817.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211962.602817.211858.602905.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211858.602905.211734.602975.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211734.602975.211590.603019.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211590.603019.211347.603049.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211347.603049.211193.603089.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211193.603089.211084.603156.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211084.603156.211020.603194.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211020.603194.210976.603256.	400 3.0	0. 32.	30	
0 1	NB GP	AG210288.604040.210994.603831.	1825 4.5	0. 44.	61	
0 1	NB GP	AG210994.603831.211305.603711.	1825 4.5	0. 44.	61	
0 1	NB GP	AG211305.603711.211575.603546.	1825 4.5	0. 44.	61	
0 1	NB GP	AG211575.603546.211828.603315.	1825 4.5	0. 44.	61	
0 1	NB GP	AG211828.603315.211976.603144.	1825 4.5	0. 44.	61	
0 1	NB GP	AG211976.603144.212095.602967.	1825 4.5	0. 44.	61	
0 1	NB ETL	AG210281.603985.210773.603848.	550 4.5	0. 32.	61	
0 1	NB ETL	AG210773.603848.211062.603762.	550 4.5	0. 32.	61	
0 1	NB ETL	AG211062.603762.211342.603634.	550 4.5	0. 32.	61	
0 1	NB ETL	AG211342.603634.211533.603513.	550 4.5	0. 32.	61	
0 1	NB ETL	AG211533.603513.211718.603362.	550 4.5	0. 32.	61	
0 1	NB ETL	AG211718.603362.211890.603183.	550 4.5	0. 32.	61	
0 1	NB ETL	AG211890.603183.212018.603004.	550 4.5	0. 32.	61	
0 1	NB ETL	AG212018.603004.212104.602860.	550 4.5	0. 32.	61	
0 1	SB ETL	AG212069.602828.211997.602953.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211997.602953.211855.603148.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211855.603148.211711.603304.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211711.603304.211544.603446.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211544.603446.211308.603599.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211308.603599.211112.603692.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG211112.603692.210901.603766.	1775 4.5	0. 32.	61	
0 1	SB ETL	AG210901.603766.210314.603929.	1775 4.5	0. 32.	61	
0 1	SB GP	AG212064.602739.211923.602984.	3800 4.5	0. 44.	61	
0 1	SB GP	AG211923.602984.211730.603225.	3800 4.5	0. 44.	61	
0 1	SB GP	AG211730.603225.211584.603358.	3800 4.5	0. 44.	61	
0 1	SB GP	AG211584.603360.211349.603520.	3800 4.5	0. 44.	61	

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 00:38:04.68

RUN: SITE 22 B215 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.1	603891.6	*	55.	331. AG	154.	100.0	.0	24.0	.61 2.8
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	3.0	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	77.	100.0	.0	12.0	.19 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	3.0	.0	32.0	
9. 43	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	3.0	.0	32.0	
10. 43	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.27 .1
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	350.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211769.4	603866.1	*	52.	57. AG	19.	100.0	.0	12.0	.25 2.6
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1250.	3.0	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211642.4	603775.8	*	51.	241. AG	18.	100.0	.0	24.0	.53 2.6
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1325.	3.3	.0	44.0	
16. 0	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	3.0	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	750.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	750.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	375.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.3	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.3	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210474.9	603117.7	*	525.	240. AG	89.	100.0	.0	36.0	1.42 26.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1325.	3.3	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.3	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	211724.7	603855.2	*	897.	60. AG	2.	100.0	.0	24.0	2.21 45.6

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 00:38:04.68

RUN: SITE 22 B215 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	75.	3.3	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	75.	3.3	.0	44.0	
48. 0	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	800.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	800.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	800.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	800.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	800.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	800.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	800.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	800.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	800.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	800.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	800.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	3.0	.0	32.0	
70. 0	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1825.	4.5	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1825.	4.5	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1825.	4.5	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1825.	4.5	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1825.	4.5	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1825.	4.5	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	550.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	550.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	550.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	550.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	550.	4.5	.0	32.0	

S22B215A

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	550.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	550.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	550.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1775.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1775.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1775.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1775.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1775.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1775.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1775.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1775.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	3800.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	3800.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	3800.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	3800.	4.5	.0	44.0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 00:38:04.68

RUN: SITE 22 B215 FINGERBOARD RDM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	3800.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	3800.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	3800.	4.5	.0	44.0	

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 00:38:04.68

RUN: SITE 22 B215 FINGERBOARD RDM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	5.0	175	1681	33.40	3	3
5. 20	NB off Ram*	130	112	5.0	25	1583	33.40	3	3
10. 10	NB on RMP *	130	1	5.0	400	1583	33.40	3	3
12. 57	NB RMP WT8*	130	27	5.0	350	1863	33.40	3	3
14. 14	NB RMP E80*	150	15	5.0	1250	1389	33.40	3	3
41. 41	SB RMP E80*	75	25	5.0	450	186	33.00	1	3
44. 44	SB RMP WL8*	75	1	5.0	300	77	33.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B215A

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 00:38:04.68

RUN: SITE 22 B215 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S22B215A

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDAM

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

		S22B215P									
B2 FINGERBOARD RD(S22B215A.DAT)		60.0175.0.0000.000 10.30480000 11 1									
S22 RES. 208580. 604451. 5.0											
SITE 22 B215 FINGERBOARD RDPM		98 1 1									
16	1	NB off RMPAG211619.603949.211694.603814.	225	3.0	0.	44.	30				
17	2	NB off RMPAG211678.603844.211643.603906.	0.	24.	2						
	90	72 5.0 225 33.4 1681 3 3									
18	1	NB off RMPAG211619.603949.211622.603852.	75	3.0	0.	32.	30				
	2	NB off RamAG211622.603852.211576.603776.	75	3.0	0.	32.	30				
20	2	NB off RamAG211581.603783.211619.603846.	0.	12.	1						
	90	72 5.0 75 33.4 1583 3 3									
20	1	NB off RamAG211576.603776.211500.603713.	75	3.0	0.	32.	30				
36	1	NB 80 ONRAAG211000.603280.210939.603387.	550	3.0	0.	32.	30				
43	1	NB on RMP AG211863.603927.211763.603900.	550	3.0	0.	32.	30				
	1	NB on RMP AG211763.603900.211658.603923.	550	3.0	0.	32.	30				
	2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1						
	90	1 5.0 550 33.4 1583 3 3									
	1	NB RMP WT8AG211863.603927.211704.603824.	575	3.0	0.	32.	30				
57	2	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1						
	90	30 5.0 575 33.4 1863 3 3									
	1	NB RMP E80AG211705.603811.211556.603727.	600	3.0	0.	44.	61				
	2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2						
	90	17 5.0 600 33.4 1203 3 3									
dp	1	NB RMP E80AG212302.604151.211707.603812.	650	3.3	0.	44.	40				
	1	NB on RMP AG210486.603978.210661.603955.	725	3.0	0.	32.	61				
	0	NB on RMP AG210661.603955.210810.603952.	725	3.0	0.	32.	61				
	0	NB on RMP AG210810.603952.211023.603995.	725	3.0	0.	32.	61				
	0	NB on RMP AG211023.603995.211207.604048.	725	3.0	0.	32.	61				
	0	NB on RMP AG211207.604048.211523.604060.	725	3.0	0.	32.	61				
	0	NB on RMP AG211523.604060.211609.604006.	725	3.0	0.	32.	61				
	0	NB on RMP AG211609.604006.211660.603921.	725	3.0	0.	32.	61				
	0	NB RMP CirAG211376.603670.211303.603731.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211303.603731.211187.603798.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211187.603798.211149.603856.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211149.603856.211147.603933.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211147.603933.211199.604010.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211199.604010.211306.604034.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211306.604034.211515.604036.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211515.604036.211583.604001.	300	3.0	0.	32.	61				
	0	NB RMP CirAG211583.604001.211619.603948.	300	3.0	0.	32.	61				
41	1	WB 80 AG212296.604166.211969.603976.	1125	3.3	0.	44.	40				
42	1	WB 80 AG211969.603976.211863.603927.	1125	3.3	0.	44.	40				
58	1	wb 80 AG211704.603824.211500.603713.	575	3.3	0.	32.	40				
64	1	EB 80SB270AG210778.603284.210850.603300.	300	3.3	0.	44.	40				
65	1	EB 80SB270AG210850.603300.210918.603294.	300	3.3	0.	44.	40				
66	1	EB 80SB270AG210918.603294.210980.603262.	300	3.3	0.	44.	40				
71	1	EB 80 AG210939.603387.211180.603518.	300	3.3	0.	44.	40				
72	1	EB 80 AG211180.603518.211557.603727.	300	3.3	0.	44.	40				
	2	SB RMP E80AG210940.603389.210778.603295.	300	3.3	0.	56.	40				
	60	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3						
		12 5.0 300 33.4 1863 3 3									
	0	SB RMP E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40				
	1	SB RMP WL8AG210939.603399.211080.603480.	175	3.3	0.	44.	40				
	2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2						
	60	1 5.0 175 33.4 1517 3 3									
	0	SB RMP WT8AG210933.603408.211079.603489.	475	3.3	0.	44.	40				
	1	SB RMP W80AG211083.603489.211492.603717.	575	3.3	0.	44.	40				
	0	SB RMP W80AG210512.603159.210932.603403.	475	3.3	0.	44.	40				
	1	SB RMP WL AG210983.603264.210920.603384.	175	3.3	0.	32.	40				

		S22B215P			
1					
0	1	SB RMP CirAG211165.603508.211049.603414.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211049.603414.211008.603364.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211008.603364.211004.603287.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211004.603287.211029.603227.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211029.603227.211089.603177.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211089.603177.211193.603166.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211193.603166.211419.603175.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211419.603175.211499.603251.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211499.603251.211511.603344.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211511.603344.211486.603403.	300	3.0	0. 32. 30
0	1	SB RMP CirAG211486.603403.211423.603469.	300	3.0	0. 32. 30
0	1	SB On RMP AG212132.602583.212057.602692.	350	3.0	0. 32. 30
0	1	SB On RMP AG212057.602692.211962.602817.	350	3.0	0. 32. 30
0	1	SB On RMP AG211962.602817.211858.602905.	350	3.0	0. 32. 30
0	1	SB On RMP AG211858.602905.211734.602975.	350	3.0	0. 32. 30
0	1	SB On RMP AG211734.602975.211590.603019.	350	3.0	0. 32. 30
0	1	SB On RMP AG211590.603019.211347.603049.	350	3.0	0. 32. 30
0	1	SB On RMP AG211347.603049.211193.603089.	350	3.0	0. 32. 30
0	1	SB On RMP AG211193.603089.211084.603156.	350	3.0	0. 32. 30
0	1	SB On RMP AG211084.603156.211020.603194.	350	3.0	0. 32. 30
0	1	SB On RMP AG211020.603194.210976.603256.	350	3.0	0. 32. 30
0	1	NB GP AG210288.604040.210994.603831.	3675	4.5	0. 44. 61
0	1	NB GP AG210994.603831.211305.603711.	3675	4.5	0. 44. 61
0	1	NB GP AG211305.603711.211575.603546.	3675	4.5	0. 44. 61
0	1	NB GP AG211575.603546.211828.603315.	3675	4.5	0. 44. 61
0	1	NB GP AG211828.603315.211976.603144.	3675	4.5	0. 44. 61
0	1	NB GP AG211976.603144.212095.602967.	3675	4.5	0. 44. 61
0	1	NB ETL AG210281.603985.210773.603848.	1575	4.5	0. 32. 61
0	1	NB ETL AG210773.603848.211062.603762.	1575	4.5	0. 32. 61
0	1	NB ETL AG211062.603762.211342.603634.	1575	4.5	0. 32. 61
0	1	NB ETL AG211342.603634.211533.603513.	1575	4.5	0. 32. 61
0	1	NB ETL AG211533.603513.211718.603362.	1575	4.5	0. 32. 61
0	1	NB ETL AG211718.603362.211890.603183.	1575	4.5	0. 32. 61
0	1	NB ETL AG211890.603183.212018.603004.	1575	4.5	0. 32. 61
0	1	NB ETL AG212018.603004.212104.602860.	1575	4.5	0. 32. 61
0	1	SB ETL AG212069.602828.211997.602953.	550	4.5	0. 32. 61
0	1	SB ETL AG211997.602953.211855.603148.	550	4.5	0. 32. 61
0	1	SB ETL AG211855.603148.211711.603304.	550	4.5	0. 32. 61
0	1	SB ETL AG211711.603304.211544.603446.	550	4.5	0. 32. 61
0	1	SB ETL AG211544.603446.211308.603599.	550	4.5	0. 32. 61
0	1	SB ETL AG211308.603599.211112.603692.	550	4.5	0. 32. 61
0	1	SB ETL AG211112.603692.210901.603766.	550	4.5	0. 32. 61
0	1	SB ETL AG210901.603766.210314.603929.	550	4.5	0. 32. 61
0	1	SB GP AG212064.602739.211923.602984.	2025	4.5	0. 44. 61
0	1	SB GP AG211923.602984.211730.603225.	2025	4.5	0. 44. 61
0	1	SB GP AG211730.603225.211584.603358.	2025	4.5	0. 44. 61
0	1	SB GP AG211584.603358.211349.603520.	2025	4.5	0. 44. 61
0	1	SB GP AG211349.603520.211054.603666.	2025	4.5	0. 44. 61
0	1	SB GP AG211054.603666.210639.603797.	2025	4.5	0. 44. 61
0	1	SB GP AG210639.603797.210231.603904.	2025	4.5	0. 44. 61
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 14:12:25.24

RUN: SITE 22 B215 FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.3	603882.4	*	44.	331. AG	143.	100.0	.0	24.0	.55 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	3.0	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.3	603808.3	*	30.	31. AG	72.	100.0	.0	12.0	.39 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	3.0	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	3.0	.0	32.0	
9. 43	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	3.0	.0	32.0	
10. 43	NB on RMP*	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.38 .2
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	30.	100.0	.0	12.0	.52 4.8
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	3.0	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211662.7	603787.3	*	28.	241. AG	34.	100.0	.0	24.0	.34 1.4
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.3	.0	44.0	
16. 0	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	3.0	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	3.0	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	3.0	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	3.0	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	3.0	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	3.0	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	3.0	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	3.0	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.3	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.3	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	575.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.3	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.3	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.3	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.3	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210912.7	603374.0	*	18.	240. AG	53.	100.0	.0	36.0	.79 .9
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.3	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210953.7	603406.7	*	5.	60. AG	3.	100.0	.0	24.0	.67 .3

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 14:12:25.24

RUN: SITE 22 B215 FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	475.	3.3	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.3	.0	44.0	
48. 0	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	3.0	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	3.0	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	3.0	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	3.0	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	3.0	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	3.0	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	3.0	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	3.0	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	3.0	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	3.0	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	3.0	.0	32.0	
70. 0	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	3675.	4.5	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	3675.	4.5	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	3675.	4.5	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	3675.	4.5	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	3675.	4.5	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	3675.	4.5	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1575.	4.5	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1575.	4.5	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1575.	4.5	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1575.	4.5	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1575.	4.5	.0	32.0	

S22B215P

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1575.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1575.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1575.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	550.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	550.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	550.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	550.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	550.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	550.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	550.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	550.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304. AG	2025.	4.5	.0	44.0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 14:12:25.24

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	4.5	.0	44.0	

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 14:12:25.24

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	5.0	225	1681	33.40	3	3
5. 20	NB off Ram*	90	72	5.0	75	1583	33.40	3	3
10. 10	NB on RMP*	90	1	5.0	550	1583	33.40	3	3
12. 57	NB RMP WT8*	90	30	5.0	575	1863	33.40	3	3
14. 14	NB RMP E80*	90	17	5.0	600	1203	33.40	3	3
41. 41	SB RMP E80*	60	12	5.0	300	186	33.00	1	3
44. 44	SB RMP WL8*	60	1	5.0	175	151	33.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B215P

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)
DATE: 03/16/2007 TIME: 14:12:25.24

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S22B215P

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B2 FINGERBOARD RD(S22B215A.DAT)

RUN: SITE 22 B215 FINGERBOARD RDPM

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

NB FINGERBOARD RD(S22NB30A.DAT)		60.0175.0.0000.000		10.30480000		S22NB30A.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 NB30 FINGERBOARD RDAM		98		1		1					
1	I-270 NB	AG212123.602857.211994.603067.	2600	3.8	0.44.	58					
2	"	AG211994.603067.211815.603289.	2600	3.8	0.44.	58					
3	"	AG211815.603289.211559.603515.	2600	3.8	0.44.	58					
4	"	AG211559.603515.211253.603705.	2600	3.8	0.44.	58					
5	"	AG211253.603705.210964.603808.	2600	3.8	0.44.	58					
6	"	AG210964.603808.210632.603909.	2600	3.8	0.44.	58					
7	"	AG210632.603909.210521.603943.	2600	3.8	0.44.	58					
8	NB OFF TO 80	AG211253.603705.211126.603793.	225	2.7	0.32.	30					
9	"	AG211126.603793.211096.603870.	225	2.7	0.32.	30					
10	"	AG211096.603870.211099.603928.	225	2.7	0.32.	30					
11	"	AG211099.603928.211132.603985.	225	2.7	0.32.	30					
12	"	AG211132.603985.211202.604026.	225	2.7	0.32.	30					
13	"	AG211202.604026.211506.604039.	225	2.7	0.32.	30					
14	"	AG211506.604039.211574.604009.	225	2.7	0.32.	30					
15	"	AG211574.604009.211619.603949.	225	2.7	0.32.	30					
16	NB OFF LEFT	AG211619.603949.211694.603814.	200	2.7	0.44.	30					
17	"	Q AG211678.603844.211643.603906.	0.	24.	2						
18	NB OFF RIGHT	AG211619.603949.211622.603852.	25	2.7	0.32.	30					
19	"	AG211622.603852.211576.603776.	25	2.7	0.32.	30					
20	"	Q AG211581.603783.211619.603846.	0.	12.	1						
21	"	AG211576.603776.211500.603713.	25	2.7	0.32.	30					
22	I-270 SB	AG210496.603858.210975.603725.	5625	2.9	0.44.	40					
23	"	AG210975.603725.211238.603621.	5625	2.9	0.44.	40					
24	"	AG211238.603621.211517.603438.	5625	2.9	0.44.	40					
25	"	AG211517.603438.211675.603313.	5625	2.9	0.44.	40					
26	"	AG211675.603313.211775.603212.	5625	2.9	0.44.	40					
27	"	AG211775.603212.212061.602812.	5625	2.9	0.44.	40					
28	270SB OFF TO 80	AG211517.603438.211562.603334.	2025	2.7	0.32.	30					
29	"	AG211562.603334.211547.603254.	2025	2.7	0.32.	30					
30	"	AG211547.603254.211495.603196.	2025	2.7	0.32.	30					
31	"	AG211495.603196.211437.603174.	2025	2.7	0.32.	30					
32	"	AG211437.603174.211134.603171.	2025	2.7	0.32.	30					
33	"	AG211134.603171.211056.603197.	2025	2.7	0.32.	30					
34	"	AG211056.603197.211000.603280.	2025	2.7	0.32.	30					
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	675	3.4	0.32.	15					
36	NB80RMLPT	AG210952.603364.210991.603296.	0.	12.	1						
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.4	0.32.	15					
38	"	AG211006.603365.211042.603414.	1	2.7	0.32.	30					
39	"	AG211039.603409.211008.603368.	0.	12.	1						
40	"	AG211042.603414.211180.603518.	1	2.7	0.32.	30					
41	WB 80	AG212296.604166.211969.603976.	1200	2.9	0.44.	40					
42	"	AG211969.603976.211863.603927.	1200	2.9	0.44.	40					
43	RT ON FR 80W	AG211863.603927.211763.603900.	750	2.9	0.44.	40					
44	"	AG211763.603900.211658.603923.	750	2.9	0.44.	40					
45	"	AG211700.603914.211755.603901.	0.	12.	1						
46	80 ON TO NB270	AG211658.603923.211599.604013.	900	2.9	0.44.	40					
47	I-270 NB ON	AG211599.604013.211532.604055.	900	2.7	0.32.	30					
48	"	AG211532.604055.211438.604062.	900	2.7	0.32.	30					
49	"	AG211438.604062.211206.604048.	900	2.7	0.32.	30					

50	1	"	AG211206.604048.211148.604025.	900	2.7	0.32.	30
51	1	"	AG211148.604025.211083.603964.	900	2.7	0.32.	30
52	1	"	AG211083.603964.211022.603890.	900	2.7	0.32.	30
53	1	"	AG211022.603890.210965.603858.	900	2.7	0.32.	30
54	1	"	AG210965.603858.210905.603856.	900	2.7	0.32.	30
55	1	"	AG210905.603856.210632.603909.	900	2.7	0.32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	450	2.7	0.32.	17
57	1	" 150 30	AG211726.603838.211805.603889. 4. 450 29.1 1863 2 3	0.12.	1		
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	450	2.9	0.44.	40
59	2	"	AG211500.603713.210937.603394.	475	2.9	0.44.	40
60	1	" Q 150	AG210962.603409.211025.603444. 2. 475 29.1 494 3 3	0.12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	750	2.9	0.44.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	675	2.9	0.44.	40
63	1	"	AG210667.603227.210778.603284.	675	2.9	0.44.	40
64	1	"	AG210778.603284.210850.603300.	211.5	0.44.		35
65	2	"	AG210850.603300.210918.603294.	2	2.9	0.44.	40
66	1	80EB @ SB RP RT 90	AG210907.603295.210853.603299. 2. 1 29.1 1750 3 3	0.12.	1		
67	1	"	AG210918.603294.210980.603262.	2	2.9	0.44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	400	2.9	0.44.	40
69	2	"	AG210830.603323.210939.603387.	400	2.9	0.44.	40
70	1	" Q 90	AG210915.603373.210841.603330. 2. 2 29.1 1750 1 3	0.24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	800	2.9	0.44.	40
72	1	"	AG211180.603518.211557.603727.	800	2.9	0.44.	40
73	2	"	AG211557.603727.211989.603968.	800	2.9	0.44.	40
74	1	eb r 150	AG210915.603373.210841.603330. 4. 1 29.1 712 2 3	0.12.	1		
75	2	eb thru Q 150	AG210915.603373.210841.603330. 4. 800 29.1 1863 2 3	0.24.	2		
76	1	80 EB	AG211989.603968.212305.604152.	2075	2.9	0.44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	525	2.7	0.32.	30
78	1	"	AG211024.603189.211087.603149.	525	2.7	0.32.	30
79	1	"	AG211087.603149.211145.603140.	525	2.7	0.32.	30
80	1	"	AG211145.603140.211440.603144.	525	2.7	0.32.	30
81	1	"	AG211440.603144.211499.603163.	525	2.7	0.32.	30
82	1	"	AG211499.603163.211594.603223.	525	2.7	0.32.	30
83	1	"	AG211594.603223.211664.603235.	525	2.7	0.32.	30
84	1	"	AG211664.603235.211775.603212.	525	2.7	0.32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	3275	3.7	0.44.	56
86	1	"	AG209400.604253.208836.604494.	3275	3.7	0.44.	56
87	1	"	AG208836.604494.208166.604895.	3275	3.7	0.44.	56
88	1	"	AG208166.604895.207724.605289.	3275	3.7	0.44.	56
89	1	I-270 SB	AG207646.605231.208105.604843.	2500	2.7	0.44.	30
90	1	"	AG208105.604843.208804.604420.	2500	2.7	0.44.	30
91	1	"	AG208804.604420.209380.604177.	2500	2.7	0.44.	30
92	1	"	AG209380.604177.210495.603858.	2500	2.7	0.44.	30
93	1	I-270 NB	AG207724.605289.207503.605510.	3275	3.7	0.44.	56
94	1	"	AG207503.605510.207122.605997.	3275	3.7	0.44.	

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:00:15.45

RUN: SITE 22 NB30 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	2600.	3.8	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	2600.	3.8	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	2600.	3.8	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	2600.	3.8	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	2600.	3.8	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	2600.	3.8	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	2600.	3.8	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	225.	2.7	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	225.	2.7	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	225.	2.7	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	225.	2.7	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	225.	2.7	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	225.	2.7	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	225.	2.7	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	225.	2.7	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	200.	2.7	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211643.1	603905.9	* 71.	331. AG	135.	100.0	.0	24.0	.64	3.6
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	25.	2.7	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	25.	2.7	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211590.2	603798.2	* 18.	31. AG	68.	100.0	.0	12.0	.17	.9
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	25.	2.7	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	5625.	2.9	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	5625.	2.9	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	5625.	2.9	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	5625.	2.9	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	5625.	2.9	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	5625.	2.9	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	2025.	2.7	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	2025.	2.7	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	2025.	2.7	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	2025.	2.7	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	2025.	2.7	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	2025.	2.7	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	2025.	2.7	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	675.	3.4	.0	32.0		
36. 36 NB80RMLT	* 210952.0	603364.0	213245.9	599365.7	* 4610.	150. AG	63.	100.0	.0	12.0	2.65	234.2
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.4	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	2.7	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	63.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	2.7	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1200.	2.9	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1200.	2.9	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	750.	2.9	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	750.	2.9	.0	44.0		

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:00:15.45

RUN: SITE 22 NB30 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	900.	2.9	.0	44.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	900.	2.7	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	900.	2.7	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	900.	2.7	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	900.	2.7	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	900.	2.7	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	900.	2.7	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	900.	2.7	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	900.	2.7	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	900.	2.7	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	450.	2.7	.0	32.0		
57. 57 "	* 211726.0	603838.0	211788.0	603878.1	* 74.	57. AG	16.	100.0	.0	12.0	.32	3.8
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	450.	2.9	.0	44.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	475.	2.9	.0	44.0		
60. 60 " Q	* 210962.0	603409.0	212434.5	604227.3	* 1685.	61. AG	24.	100.0	.0	12.0	1.44	85.6
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	750.	2.9	.0	44.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	675.	2.9	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	675.	2.9	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	2.	11.5	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	2.	2.9	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	4.	100.0	.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	2.	2.9	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	400.	2.9	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	400.	2.9	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	9.	100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	800.	2.9	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	800.	2.9	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	800.	2.9	.0	44.0		
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	240. AG	10.	100.0	.0	12.0	.00	.0
75. 70 eb thru Q	* 210915.0	603373.0	210828.0	603322.5	* 101.	240. AG	48.	100.0	.0	24.0	.33	5.1
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	2075.	2.9	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	525.	2.7	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	525.	2.7	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	525.	2.7	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	525.	2.7	.0	32.0		

S22NB30A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	525.	2.7	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	525.	2.7	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	525.	2.7	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	525.	2.7	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3275.	3.7	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3275.	3.7	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3275.	3.7	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3275.	3.7	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2500.	2.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2500.	2.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2500.	2.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2500.	2.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3275.	3.7	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3275.	3.7	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3275.	3.7	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:00:15.45

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96. 94	I-270 SB	* 206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2500.	2.7	.0	44.0
97. 95	"	* 206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2500.	2.7	.0	44.0
98. 96	"	* 207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2500.	2.7	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:00:15.45

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
17. 17	"	* 150	130	4.0	200	1681	29.10	2	3
20. 20	"	* 150	130	4.0	25	1583	29.10	2	3
36. 36	NB80RMLT	* 90	73	2.0	675	1770	29.10	1	3
39. 39	"	* 90	73	2.0	1	1750	29.10	3	3
45. 45	"	* 90	5	2.0	1	1750	29.10	1	3
57. 57	"	* 150	30	4.0	450	1863	29.10	2	3
60. 60	"	* 150	46	2.0	475	494	29.10	3	3
66. 66	80EB @ SB RP RT	* 90	5	2.0	1	1750	29.10	3	3
70. 70	"	* 90	5	2.0	2	1750	29.10	1	3
74. 70	eb r	* 150	19	4.0	1	712	29.10	2	3
75. 70	eb thru	* 150	46	4.0	800	1863	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. S22 RES.	* 208580.0	604451.0	5.0	*

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	* .2
5.	* .2
10.	* .2
15.	* .2
20.	* .2
25.	* .2
30.	* .2
35.	* .2
40.	* .2
45.	* .2
50.	* .2
55.	* .2
60.	* .2
65.	* .2
70.	* .2
75.	* .3
80.	* .3
85.	* .3
90.	* .2
95.	* .3
100.	* .4
105.	* .3
110.	* .2
115.	* .1
120.	* .0
125.	* .0
130.	* .0
135.	* .0
140.	* .0
145.	* .0
150.	* .0

S22NB30A.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .1
310. * .1
315. * .3
320. * .3
325. * .2
330. * .2
335. * .2
340. * .2
345. * .2
350. * .2
355. * .2
360. * .2
-----*-----
MAX * .4
DEGR. * 100

THE HIGHEST CONCENTRATION IS .40 PPM AT 100 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:00:15.45

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 100
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22NB30A.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.1
86	*	.1
87	*	.0
88	*	.0
89	*	.0
90	*	.1
91	*	.1
92	*	.0
93	*	.0
94	*	.0
95	*	.0
96	*	.0
97	*	.0
98	*	.0

NB FINGERBOARD RD(S22NB30A.DAT)		60.0175.0.0000.000		10.30480000		S22NB30P.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 NB30 FINGERBOARD RDPM		98		1		1					
1	I-270 NB	AG212123.602857.211994.603067.	6100	2.7	0.44.	36					
2	"	AG211994.603067.211815.603289.	6100	2.7	0.44.	36					
3	"	AG211815.603289.211559.603515.	6100	2.7	0.44.	36					
4	"	AG211559.603515.211253.603705.	6100	2.7	0.44.	36					
5	"	AG211253.603705.210964.603808.	6100	2.7	0.44.	36					
6	"	AG210964.603808.210632.603909.	6100	2.7	0.44.	36					
7	"	AG210632.603909.210521.603943.	6100	2.7	0.44.	36					
8	NB OFF TO 80	AG211253.603705.211126.603793.	325	2.7	0.32.	30					
9	"	AG211126.603793.211096.603870.	325	2.7	0.32.	30					
10	"	AG211096.603870.211099.603928.	325	2.7	0.32.	30					
11	"	AG211099.603928.211132.603985.	325	2.7	0.32.	30					
12	"	AG211132.603985.211202.604026.	325	2.7	0.32.	30					
13	"	AG211202.604026.211506.604039.	325	2.7	0.32.	30					
14	"	AG211506.604039.211574.604009.	325	2.7	0.32.	30					
15	"	AG211574.604009.211619.603949.	325	2.7	0.32.	30					
16	NB OFF LEFT	AG211619.603949.211694.603814.	275	2.7	0.44.	30					
17	"	Q AG211678.603844.211643.603906.	0.	24.	2						
18	NB OFF RIGHT	AG211619.603949.211622.603852.	100	2.7	0.32.	30					
19	"	AG211622.603852.211576.603776.	100	2.7	0.32.	30					
20	"	Q AG211581.603783.211619.603846.	0.	12.	1						
21	"	AG211576.603776.211500.603713.	100	2.7	0.32.	30					
22	I-270 SB	AG210496.603858.210975.603725.	2925	3.8	0.44.	58					
23	"	AG210975.603725.211238.603621.	2925	3.8	0.44.	58					
24	"	AG211238.603621.211517.603438.	2925	3.8	0.44.	58					
25	"	AG211517.603438.211675.603313.	2925	3.8	0.44.	58					
26	"	AG211675.603313.211775.603212.	2925	3.8	0.44.	58					
27	"	AG211775.603212.212061.602812.	2925	3.8	0.44.	58					
28	270SB OFF TO 80	AG211517.603438.211562.603334.	650	2.7	0.32.	30					
29	"	AG211562.603334.211547.603254.	650	2.7	0.32.	30					
30	"	AG211547.603254.211495.603196.	650	2.7	0.32.	30					
31	"	AG211495.603196.211437.603174.	650	2.7	0.32.	30					
32	"	AG211437.603174.211134.603171.	650	2.7	0.32.	30					
33	"	AG211134.603171.211056.603197.	650	2.7	0.32.	30					
34	"	AG211056.603197.211000.603280.	650	2.7	0.32.	30					
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	150	3.4	0.32.	15					
36	NB80RMLPT	AG210952.603364.210991.603296.	0.	12.	1						
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.4	0.32.	15					
38	"	AG211006.603365.211042.603414.	1	2.7	0.32.	30					
39	"	AG211039.603409.211008.603368.	0.	12.	1						
40	"	AG211042.603414.211180.603518.	1	2.7	0.32.	30					
41	WB 80	AG212296.604166.211969.603976.	1825	2.9	0.44.	40					
42	"	AG211969.603976.211863.603927.	1825	2.9	0.44.	40					
43	RT ON FR 80W	AG211863.603927.211763.603900.	550	2.9	0.44.	40					
44	"	AG211763.603900.211658.603923.	550	2.9	0.44.	40					
45	"	AG211700.603914.211755.603901.	0.	12.	1						
46	80 ON TO NB270	AG211658.603923.211599.604013.	1575	2.7	0.32.	35					
47	I-270 NB ON	AG211599.604013.211532.604055.	1575	2.7	0.32.	30					
48	"	AG211532.604055.211438.604062.	1575	2.7	0.32.	30					
49	"	AG211438.604062.211206.604048.	1575	2.7	0.32.	30					

50	1	"		AG211206.604048.211148.604025.	1575	2.7	0.	32.	30
51	1	"		AG211148.604025.211083.603964.	1575	2.7	0.	32.	30
52	1	"		AG211083.603964.211022.603890.	1575	2.7	0.	32.	30
53	1	"		AG211022.603890.210965.603858.	1575	2.7	0.	32.	30
54	1	"		AG210965.603858.210905.603856.	1575	2.7	0.	32.	30
55	1	"		AG210905.603856.210632.603909.	1575	2.7	0.	32.	30
56	2	80W THRU @NBOFF		AG211863.603927.211704.603824.	575	2.7	0.	32.	17
57	1	"	90	AG211726.603838.211805.603889.	0.	12.	1		
58	1	80WB TO SBOFF		AG211704.603824.211500.603713.	575	2.9	0.	32.	40
59	2	"		AG211500.603713.210937.603394.	675	2.9	0.	32.	40
60	1	"	Q	AG210962.603409.211025.603444.	0.	12.	1		
61	1	80 WB		AG210937.603394.210562.603186.	550	2.9	0.	32.	40
62	1	80EB NEAR SB RP		AG210570.603172.210667.603227.	425	2.9	0.	44.	40
63	1	"		AG210667.603227.210778.603284.	425	2.9	0.	44.	40
64	1	"		AG210778.603284.210850.603300.	2	2.9	0.	44.	40
65	1	"		AG210850.603300.210918.603294.	2	2.9	0.	44.	40
66	2	80EB @ SB RP RT		AG210907.603295.210853.603299.	0.	12.	1		
67	1	"		AG210918.603294.210980.603262.	2	2.9	0.	44.	40
68	1	80WB @ SB RP TL		AG210778.603284.210830.603323.	275	2.9	0.	44.	40
69	2	"		AG210830.603323.210939.603387.	275	2.9	0.	44.	40
70	1	"	Q	AG210915.603373.210841.603330.	0.	24.	2		
71	1	80EB @ NB RP		AG210939.603387.211180.603518.	425	2.9	0.	44.	40
72	1	"		AG211180.603518.211557.603727.	425	2.9	0.	44.	40
73	1	"		AG211557.603727.211989.603968.	425	2.9	0.	44.	40
74	2	eb r	Q	AG210915.603373.210841.603330.	0.	12.	1		
75	2	eb thru	Q	AG210915.603373.210841.603330.	0.	24.	2		
76	1	80 EB		AG211989.603968.212305.604152.	875	2.9	0.	44.	40
77	1	80 ON TO 270SB		AG210980.603262.211024.603189.	325	2.7	0.	32.	30
78	1	"		AG211024.603189.211087.603149.	325	2.7	0.	32.	30
79	1	"		AG211087.603149.211145.603140.	325	2.7	0.	32.	30
80	1	"		AG211145.603140.211440.603144.	325	2.7	0.	32.	30
81	1	"		AG211440.603144.211499.603163.	325	2.7	0.	32.	30
82	1	"		AG211499.603163.211594.603223.	325	2.7	0.	32.	30
83	1	"		AG211594.603223.211664.603235.	325	2.7	0.	32.	30
84	1	"		AG211664.603235.211775.603212.	325	2.7	0.	32.	30
85	1	I-270 NB		AG210521.603943.209400.604253.	7300	2.7	0.	44.	32
86	1	"		AG209400.604253.208836.604494.	7300	2.7	0.	44.	32
87	1	"		AG208836.604494.208166.604895.	7300	2.7	0.	44.	32
88	1	"		AG208166.604895.207724.605289.	7300	2.7	0.	44.	32
89	1	I-270 SB		AG207646.605231.208105.604843.	650	3.7	0.	44.	56
90	1	"		AG208105.604843.208804.604420.	650	3.7	0.	44.	56
91	1	"		AG208804.604420.209380.604177.	650	3.7	0.	44.	56
92	1	"		AG209380.604177.210495.603858.	650	3.7</			

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:20:13.04

RUN: SITE 22 NB30 FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		* X1	LINK COORDINATES (FT)		* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)			
			Y1	X2												
1.	1	I-270 NB	212123.0	602857.0	211994.0	603067.0	*	246.	328.	AG	6100.	2.7	.0	44.0		
2.	2	"	211994.0	603067.0	211815.0	603289.0	*	285.	321.	AG	6100.	2.7	.0	44.0		
3.	3	"	211815.0	603289.0	211559.0	603515.0	*	341.	311.	AG	6100.	2.7	.0	44.0		
4.	4	"	211559.0	603515.0	211253.0	603705.0	*	360.	302.	AG	6100.	2.7	.0	44.0		
5.	5	"	211253.0	603705.0	210964.0	603808.0	*	307.	290.	AG	6100.	2.7	.0	44.0		
6.	6	"	210964.0	603808.0	210632.0	603909.0	*	347.	287.	AG	6100.	2.7	.0	44.0		
7.	7	"	210632.0	603909.0	210521.0	603943.0	*	116.	287.	AG	6100.	2.7	.0	44.0		
8.	8	NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	*	155.	305.	AG	325.	2.7	.0	32.0		
9.	9	"	211126.0	603793.0	211096.0	603870.0	*	83.	339.	AG	325.	2.7	.0	32.0		
10.	10	"	211096.0	603870.0	211099.0	603928.0	*	58.	3.	AG	325.	2.7	.0	32.0		
11.	11	"	211099.0	603928.0	211132.0	603985.0	*	66.	30.	AG	325.	2.7	.0	32.0		
12.	12	"	211132.0	603985.0	211202.0	604026.0	*	81.	60.	AG	325.	2.7	.0	32.0		
13.	13	"	211202.0	604026.0	211506.0	604039.0	*	304.	88.	AG	325.	2.7	.0	32.0		
14.	14	"	211506.0	604039.0	211574.0	604009.0	*	74.	114.	AG	325.	2.7	.0	32.0		
15.	15	"	211574.0	604009.0	211619.0	603949.0	*	75.	143.	AG	325.	2.7	.0	32.0		
16.	16	NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	*	154.	151.	AG	275.	2.7	.0	44.0		
17.	17	"	211678.0	603844.0	211651.9	603890.3	*	53.	331.	AG	123.	100.0	.0	24.0	.57	2.7
18.	18	NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	*	97.	178.	AG	100.	2.7	.0	32.0		
19.	19	"	211622.0	603852.0	211576.0	603776.0	*	89.	211.	AG	100.	2.7	.0	32.0		
20.	20	"	211581.0	603783.0	211601.1	603816.3	*	39.	31.	AG	62.	100.0	.0	12.0	.44	2.0
21.	21	"	211576.0	603776.0	211500.0	603713.0	*	99.	230.	AG	100.	2.7	.0	32.0		
22.	22	I-270 SB	210496.0	603858.0	210975.0	603725.0	*	497.	106.	AG	2925.	3.8	.0	44.0		
23.	23	"	210975.0	603725.0	211238.0	603621.0	*	283.	112.	AG	2925.	3.8	.0	44.0		
24.	24	"	211238.0	603621.0	211517.0	603438.0	*	334.	123.	AG	2925.	3.8	.0	44.0		
25.	25	"	211517.0	603438.0	211675.0	603313.0	*	201.	128.	AG	2925.	3.8	.0	44.0		
26.	26	"	211675.0	603313.0	211775.0	603212.0	*	142.	135.	AG	2925.	3.8	.0	44.0		
27.	27	"	211775.0	603212.0	212061.0	602812.0	*	492.	144.	AG	2925.	3.8	.0	44.0		
28.	28	270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	*	113.	157.	AG	650.	2.7	.0	32.0		
29.	29	"	211562.0	603334.0	211547.0	603254.0	*	81.	191.	AG	650.	2.7	.0	32.0		
30.	30	"	211547.0	603254.0	211495.0	603196.0	*	78.	222.	AG	650.	2.7	.0	32.0		
31.	31	"	211495.0	603196.0	211437.0	603174.0	*	62.	249.	AG	650.	2.7	.0	32.0		
32.	32	"	211437.0	603174.0	211134.0	603171.0	*	303.	269.	AG	650.	2.7	.0	32.0		
33.	33	"	211134.0	603171.0	211056.0	603197.0	*	82.	288.	AG	650.	2.7	.0	32.0		
34.	34	"	211056.0	603197.0	211000.0	603280.0	*	100.	326.	AG	650.	2.7	.0	32.0		
35.	35	SB OFFSPLIT T080*	211000.0	603280.0	210939.0	603387.0	*	123.	330.	AG	150.	3.4	.0	32.0		
36.	36	NB80RMPLT	210952.0	603364.0	210981.0	603313.5	*	58.	150.	AG	62.	100.0	.0	12.0	.51	3.0
37.	37	SB OFFSPLIT T080*	211000.0	603280.0	211006.0	603365.0	*	85.	4.	AG	1.	3.4	.0	32.0		
38.	38	"	211006.0	603365.0	211042.0	603414.0	*	61.	36.	AG	1.	2.7	.0	32.0		
39.	39	"	211039.0	603409.0	211038.8	603408.7	*	0.	218.	AG	63.	100.0	.0	12.0	.00	.0
40.	40	"	211042.0	603414.0	211180.0	603518.0	*	173.	53.	AG	1.	2.7	.0	32.0		
41.	41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240.	AG	1825.	2.9	.0	44.0		
42.	42	"	211969.0	603976.0	211863.0	603927.0	*	117.	245.	AG	1825.	2.9	.0	44.0		
43.	43	RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	*	104.	255.	AG	550.	2.9	.0	44.0		
44.	44	"	211763.0	603900.0	211658.0	603923.0	*	107.	282.	AG	550.	2.9	.0	44.0		

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:20:13.04

RUN: SITE 22 NB30 FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION		* X1	Y1	X2	Y2	* LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45	"	* 211700.0	603914.0	211700.0	603914.0	* 0.	70.	AG	4.	100.0	.0	12.0	.00	.0
46. 46	80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327.	AG	1575.	2.7	.0	32.0		
47. 47	I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302.	AG	1575.	2.7	.0	32.0		
48. 48	"	* 211532.0	604055.0	211438.0	604062.0	* 94.	274.	AG	1575.	2.7	.0	32.0		
49. 49	"	* 211438.0	604062.0	211206.0	604048.0	* 232.	267.	AG	1575.	2.7	.0	32.0		
50. 50	"	* 211206.0	604048.0	211148.0	604025.0	* 62.	248.	AG	1575.	2.7	.0	32.0		
51. 51	"	* 211148.0	604025.0	211083.0	603964.0	* 89.	227.	AG	1575.	2.7	.0	32.0		
52. 52	"	* 211083.0	603964.0	211022.0	603890.0	* 96.	219.	AG	1575.	2.7	.0	32.0		
53. 53	"	* 211022.0	603890.0	210965.0	603858.0	* 65.	241.	AG	1575.	2.7	.0	32.0		
54. 54	"	* 210965.0	603858.0	210905.0	603856.0	* 60.	268.	AG	1575.	2.7	.0	32.0		
55. 55	"	* 210905.0	603856.0	210632.0	603909.0	* 278.	281.	AG	1575.	2.7	.0	32.0		
56. 56	80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237.	AG	575.	2.7	.0	32.0		
57. 57	"	* 211726.0	603838.0	211842.2	603913.1	* 138.	57.	AG	38.	100.0	.0	12.0	.69	7.0
58. 58	80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241.	AG	575.	2.9	.0	32.0		
59. 59	"	* 211500.0	603713.0	210937.0	603394.0	* 647.	240.	AG	675.	2.9	.0	32.0		
60. 60	" Q	* 210962.0	603409.0	211016.9	603439.5	* 63.	61.	AG	15.	100.0	.0	12.0	.75	3.2
61. 61	80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241.	AG	550.	2.9	.0	32.0		
62. 62	80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60.	AG	425.	2.9	.0	44.0		
63. 63	"	* 210667.0	603227.0	210778.0	603284.0	* 125.	63.	AG	425.	2.9	.0	44.0		
64. 64	"	* 210778.0	603284.0	210850.0	603300.0	* 74.	77.	AG	2.	2.9	.0	44.0		
65. 65	"	* 210850.0	603300.0	210918.0	603294.0	* 68.	95.	AG	2.	2.9	.0	44.0		
66. 66	80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250.	AG	4.	100.0	.0	12.0	.00	.0
67. 67	"	* 210918.0	603294.0	210980.0	603262.0	* 70.	117.	AG	2.	2.9	.0	44.0		
68. 68	80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53.	AG	275.	2.9	.0	44.0		
69. 69	"	* 210830.0	603323.0	210939.0	603387.0	* 126.	60.	AG	275.	2.9	.0	44.0		
70. 70	" Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250.	AG	9.	100.0	.0	24.0	.00	.0
71. 71	80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61.	AG	425.	2.9	.0	44.0		
72. 72	"	* 211180.0	603518.0	211557.0	603727.0	* 431.	61.	AG	425.	2.9	.0	44.0		
73. 73	"	* 211557.0	603727.0	211989.0	603968.0	* 495.	61.	AG	425.	2.9	.0	44.0		
74. 70	eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	240.	AG	10.	100.0	.0	12.0	.00	.0
75. 70	eb thru Q	* 210915.0	603373.0	210898.0	603363.1	* 20.	240.	AG	29.	100.0	.0	24.0	.15	1.0
76. 74	80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60.	AG	875.	2.9	.0	44.0		
77. 75	80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149.	AG	325.	2.7	.0	32.0		
78. 76	"	* 211024.0	603189.0	211087.0	603149.0	* 75.	122.	AG	325.	2.7	.0	32.0		
79. 77	"	* 211087.0	603149.0	211145.0	603140.0	* 59.	99.	AG	325.	2.7	.0	32.0		
80. 78	"	* 211145.0	603140.0	211440.0	603144.0	* 295.	89.	AG	325.	2.7	.0	32.0		

S22NB30P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	325.	2.7	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	325.	2.7	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	325.	2.7	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	325.	2.7	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	7300.	2.7	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	7300.	2.7	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	7300.	2.7	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	7300.	2.7	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	650.	3.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	650.	3.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	650.	3.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	650.	3.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	7300.	2.7	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	7300.	2.7	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	7300.	2.7	.0	44.0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:20:13.04

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146. AG	650.	3.7	.0 44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143. AG	650.	3.7	.0 44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136. AG	650.	3.7	.0 44.0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:20:13.04

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	71	4.0	275	1681	29.10	2 3
20. 20 " Q	*	90	71	4.0	100	1583	29.10	2 3
36. 36 " NB80RMLT	*	90	71	2.0	150	1770	29.10	1 3
39. 39 " Q	*	90	73	2.0	1	1750	29.10	3 3
45. 45 " Q	*	90	5	2.0	1	1750	29.10	1 3
57. 57 " Q	*	90	44	4.0	575	1863	29.10	2 3
60. 60 " Q	*	90	17	2.0	675	1182	29.10	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	29.10	3 3
70. 70 " Q	*	90	5	2.0	2	1750	29.10	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	29.10	2 3
75. 70 eb thru Q	*	90	17	4.0	425	1863	29.10	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0 *

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.2
5.	*	.2
10.	*	.2
15.	*	.2
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.3
75.	*	.2
80.	*	.2
85.	*	.3
90.	*	.3
95.	*	.3
100.	*	.3
105.	*	.2
110.	*	.2
115.	*	.2
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0

S22NB30P.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .1
310. * .2
315. * .2
320. * .3
325. * .3
330. * .2
335. * .2
340. * .2
345. * .2
350. * .2
355. * .2
360. * .2
-----*-----

MAX * .3
DEGR. * 70

THE HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/19/2006 TIME: 11:20:13.04

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 70
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S22NB30P.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 8

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # 70
-----*-----
46 * .0
47 * .0
48 * .0
49 * .0
50 * .0
51 * .0
52 * .0
53 * .0
54 * .0
55 * .0
56 * .0
57 * .0
58 * .0
59 * .0
60 * .0
61 * .0
62 * .0
63 * .0
64 * .0
65 * .0
66 * .0
67 * .0
68 * .0
69 * .0
70 * .0
71 * .0
72 * .0
73 * .0
74 * .0
75 * .0
76 * .0
77 * .0
78 * .0
79 * .0
80 * .0
81 * .0
82 * .0
83 * .0
84 * .0
85 * .0
86 * .1
87 * .2
88 * .0
89 * .0
90 * .0
91 * .0
92 * .0
93 * .0
94 * .0
95 * .0
96 * .0
97 * .0
98 * .0

B1 FINGERBOARD RD(S22NB30A.DAT)				S22B130A.DAT				
S22 RES. 208580. 604451. 5.0				10.30480000				11 1
SITE 22 NB30 FINGERBOARD RDAM 98 1 1								
16	1	NB off RMP	AG211619.603949.211694.603814.	125	2.7	0.44.	30	
17	2	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2		
	150		133 3 125 29.1 1681 3 3					
18	1	NB off RMP	AG211619.603949.211622.603852.	25	2.7	0.32.	30	
	1	NB off Ram	AG211622.603852.211576.603776.	25	2.7	0.32.	30	
20	2	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1		
	150		133 3 25 29.1 1583 3 3					
20	1	NB off Ram	AG211576.603776.211500.603713.	25	2.7	0.32.	30	
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	625	2.7	0.32.	30	
43	1	NB on RMP	AG211863.603927.211763.603900.	625	2.7	0.32.	30	
	1	NB on RMP	AG211763.603900.211658.603923.	625	2.7	0.32.	30	
	2	NB on RMP	AG211700.603914.211755.603901.	0.	12.	1		
	150		5 3 625 29.1 1583 3 3					
	1	NB RMP	WT8AG211863.603927.211704.603824.	425	2.7	0.32.	30	
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1		
	150		28 3 425 29.1 1863 3 3					
	1	NB RMP	E80AG211705.603811.211556.603727.	1850	2.7	0.44.	61	
	2	NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2		
	150		15 5.0 1850 29.1 1352 3 3					
dp	1	NB RMP	E80AG212302.604151.211707.603812.	1775	2.9	0.44.	40	
	1	NB on RMP	AG210486.603978.210661.603955.	825	2.7	0.32.	61	
0	1	NB on RMP	AG210661.603955.210810.603952.	825	2.7	0.32.	61	
0	1	NB on RMP	AG210810.603952.211023.603995.	825	2.7	0.32.	61	
0	1	NB on RMP	AG211023.603995.211207.604048.	825	2.7	0.32.	61	
0	1	NB on RMP	AG211207.604048.211523.604060.	825	2.7	0.32.	61	
0	1	NB on RMP	AG211523.604060.211609.604006.	825	2.7	0.32.	61	
0	1	NB on RMP	AG211609.604006.211660.603921.	825	2.7	0.32.	61	
	1	NB RMP	CirAG211376.603670.211303.603731.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211303.603731.211187.603798.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211187.603798.211149.603856.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211149.603856.211147.603933.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211147.603933.211199.604010.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211199.604010.211306.604034.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211306.604034.211515.604036.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211515.604036.211583.604001.	150	2.7	0.32.	61	
0	1	NB RMP	CirAG211583.604001.211619.603948.	150	2.7	0.32.	61	
41	1	WB 80	AG212296.604166.211969.603976.	1050	2.9	0.44.	40	
42	1	WB 80	AG211969.603976.211863.603927.	1050	2.9	0.44.	40	
58	1	wb 80	AG211704.603824.211500.603713.	450	2.9	0.32.	40	
64	1	EB 80SB270	AG210778.603284.210850.603300.	725	2.9	0.44.	40	
65	1	EB 80SB270	AG210850.603300.210918.603294.	725	2.9	0.44.	40	
66	1	EB 80SB270	AG210918.603294.210980.603262.	725	2.9	0.44.	40	
71	1	EB 80	AG210939.603387.211180.603518.	725	2.9	0.44.	40	
72	1	EB 80	AG211180.603518.211557.603727.	725	2.9	0.44.	40	
	2	SB RMP	E80AG210940.603389.210778.603295.	725	2.9	0.56.	40	
	150	SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3		
			52 5.0 725 29.1 1863 3 3					
0	1	SB RMP	E80AG210772.603286.210466.603118.	1775	2.9	0.56.	40	
	1	SB RMP	WL8AG210939.603399.211080.603480.	250	2.9	0.44.	40	
	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2		
	150		52 5.0 250 29.1 493 3 3					
0	1	SB RMP	WT8AG210933.603408.211079.603489.	250	2.9	0.44.	40	
	1	SB RMP	W80AG211083.603489.211492.603717.	1000	2.9	0.44.	40	
0	1	SB RMP	W80AG210512.603159.210932.603403.	200	2.9	0.44.	40	
	1	SB RMP	WL AG210983.603264.210920.603384.	250	2.9	0.32.	40	

S22B130A.DAT

1					
0	1	SB RMP	CirAG211165.603508.211049.603414.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211049.603414.211008.603364.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211008.603364.211004.603287.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211004.603287.211029.603227.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211029.603227.211089.603177.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211089.603177.211193.603166.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211193.603166.211419.603175.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211419.603175.211499.603251.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211499.603251.211511.603344.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211511.603344.211486.603403.	1125 2.7 0. 32.	30
0	1	SB RMP	CirAG211486.603403.211423.603469.	1125 2.7 0. 32.	30
0	1	SB On RMP	AG212132.602583.212057.602692.	350 2.7 0. 32.	30
0	1	SB On RMP	AG212057.602692.211962.602817.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211962.602817.211858.602905.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211858.602905.211734.602975.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211734.602975.211590.603019.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211590.603019.211347.603049.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211347.603049.211193.603089.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211193.603089.211084.603156.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211084.603156.211020.603194.	350 2.7 0. 32.	30
0	1	SB On RMP	AG211020.603194.210976.603256.	350 2.7 0. 32.	30
0	1	NB GP	AG210288.604040.210994.603831.	2425 3.9 0. 44.	60
0	1	NB GP	AG210994.603831.211305.603711.	2425 3.9 0. 44.	60
0	1	NB GP	AG211305.603711.211575.603546.	2425 3.9 0. 44.	60
0	1	NB GP	AG211575.603546.211828.603315.	2425 3.9 0. 44.	60
0	1	NB GP	AG211828.603315.211976.603144.	2425 3.9 0. 44.	60
0	1	NB GP	AG211976.603144.212095.602967.	2425 3.9 0. 44.	60
0	1	NB ETL	AG210281.603985.210773.603848.	1050 3.9 0. 32.	60
0	1	NB ETL	AG210773.603848.211062.603762.	1050 3.9 0. 32.	60
0	1	NB ETL	AG211062.603762.211342.603634.	1050 3.9 0. 32.	60
0	1	NB ETL	AG211342.603634.211533.603513.	1050 3.9 0. 32.	60
0	1	NB ETL	AG211533.603513.211718.603362.	1050 3.9 0. 32.	60
0	1	NB ETL	AG211718.603362.211890.603183.	1050 3.9 0. 32.	60
0	1	NB ETL	AG211890.603183.212018.603004.	1050 3.9 0. 32.	60
0	1	NB ETL	AG212018.603004.212104.602860.	1050 3.9 0. 32.	60
0	1	SB ETL	AG212069.602828.211997.602953.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211997.602953.211855.603148.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211855.603148.211711.603304.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211711.603304.211544.603446.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211544.603446.211308.603599.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211308.603599.211112.603692.	1800 3.7 0. 32.	56
0	1	SB ETL	AG211112.603692.210901.603766.	1800 3.7 0. 32.	56
0	1	SB ETL	AG210901.603766.210314.603929.	1800 3.7 0. 32.	56
0	1	SB GP	AG212064.602739.211923.602984.	5725 3.7 0. 44.	56
0	1	SB GP	AG211923.602984.211730.603225.	5725 3.7 0. 44.	56
0	1	SB GP	AG211730.603225.211584.603358.	5725 3.7 0. 44.	56
0	1	SB GP	AG211584.603358.211349.603520.	5725 3.7 0. 44.	56
0	1	SB GP	AG211349.603520.211054.603666.	5725 3.7 0. 44.	56
0	1	SB GP	AG211054.603666.210639.603797.	5725 3.7 0. 44.	56
0	1	SB GP	AG210639.603797.210231.603904.	5725 3.7 0. 44.	56

1.0 0.4 1000. 0.0Y 5 0 72

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:35:27.26

RUN: SITE 22 NB30 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	138.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	69.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.7	.0	32.0	
7. 36	NB ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	625.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	625.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	625.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211716.6	603910.1	*	17.	103. AG	3.	100.0	.0	12.0	.42 .9
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211780.7	603873.3	*	65.	57. AG	15.	100.0	.0	12.0	.29 3.3
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1850.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.9	603763.7	*	76.	241. AG	16.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1775.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	825.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	825.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	825.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	825.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	825.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	825.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	825.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	450.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	725.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	725.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	725.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	725.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	725.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	725.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210868.9	603348.4	*	69.	240. AG	81.	100.0	.0	36.0	.21 3.5
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1775.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	250.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210979.7	603421.9	*	36.	60. AG	54.	100.0	.0	24.0	.42 1.8

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:35:27.26

RUN: SITE 22 NB30 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	250.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	1000.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	250.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1125.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1125.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1125.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1125.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1125.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1125.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1125.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1125.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1125.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1125.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1125.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2425.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2425.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2425.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2425.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2425.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2425.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1050.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1050.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1050.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1050.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1050.	3.9	.0	32.0	

S22B130A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1050.	3.9	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1050.	3.9	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1050.	3.9	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1800.	3.7	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1800.	3.7	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1800.	3.7	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1800.	3.7	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1800.	3.7	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1800.	3.7	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1800.	3.7	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1800.	3.7	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	5725.	3.7	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	5725.	3.7	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	5725.	3.7	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	5725.	3.7	.0 44.0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:35:27.26

RUN: SITE 22 NB30 FINGERBOARD RDM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	5725.	3.7	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	5725.	3.7	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	5725.	3.7	.0 44.0		

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:35:27.26

RUN: SITE 22 NB30 FINGERBOARD RDM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	29.10	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	29.10	3	3
10. 10	NB on RMP *	150	5	.3	625	1583	29.10	3	3
12. 57	NB RMP WT8*	150	28	.3	425	1863	29.10	3	3
14. 14	NB RMP E80*	150	15	5.0	1850	1352	29.10	3	3
41. 41	SB RMP E80*	150	52	5.0	725	1863	29.10	3	3
44. 44	SB RMP WL8*	150	52	5.0	250	493	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B130A.OUT

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:35:27.26

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S22B130A.OUT

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B1 FINGERBOARD RD(S22NB30A.DAT)		60.0175.0.0000.000		10.30480000		S22B130P.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 NB30 FINGERBOARD RDPM		98		1		1					
16	1	NB off RMP	AG211619.603949.211694.603814.	150	2.7	0.	44.	30			
17	2	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2					
	90		72 3 150 29.1 1681 3 3								
18	1	NB off RMP	AG211619.603949.211622.603852.	150	2.7	0.	32.	30			
	1	NB off Ram	AG211622.603852.211576.603776.	150	2.7	0.	32.	30			
20	2	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1					
	90		72 3 150 29.1 1661 3 3								
20	1	NB off Ram	AG211576.603776.211500.603713.	150	2.7	0.	32.	30			
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	1175	2.7	0.	32.	30			
43	1	NB on RMP	AG211863.603927.211763.603900.	1175	2.7	0.	32.	30			
	1	NB on RMP	AG211763.603900.211658.603923.	1175	2.7	0.	32.	30			
	2	NB on RMP	AG211700.603914.211755.603901.	0.	12.	1					
	90		5 3 1175 29.1 1583 3 3								
	1	NB RMP	WT8AG211863.603927.211704.603824.	425	2.9	0.	32.	40			
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1					
	90		46 3 425 29.1 1863 3 3								
	1	NB RMP	E80AG211705.603811.211556.603727.	875	2.9	0.	44.	40			
	2	NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2					
	90		16 5.0 875 29.1 1207 3 3								
dp	1	NB RMP	E80AG212302.604151.211707.603812.	625	2.9	0.	44.	40			
	1	NB on RMP	AG210486.603978.210661.603955.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG210661.603955.210810.603952.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG210810.603952.211023.603995.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG211023.603995.211207.604048.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG211207.604048.211523.604060.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG211523.604060.211609.604006.	1575	2.7	0.	32.	61			
	0	NB on RMP	AG211609.604006.211660.603921.	1575	2.7	0.	32.	61			
	0	NB RMP	CirAG211376.603670.211303.603731.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211303.603731.211187.603798.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211187.603798.211149.603856.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211149.603856.211147.603933.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211147.603933.211199.604010.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211199.604010.211306.604034.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211306.604034.211515.604036.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211515.604036.211583.604001.	225	2.7	0.	32.	61			
	0	NB RMP	CirAG211583.604001.211619.603948.	225	2.7	0.	32.	61			
41	1	WB 80	AG212296.604166.211969.603976.	1600	2.9	0.	44.	40			
42	1	WB 80	AG211969.603976.211863.603927.	1600	2.9	0.	44.	40			
58	1	wb 80	AG211704.603824.211500.603713.	500	2.9	0.	32.	40			
64	1	EB 80SB270	AG210778.603284.210850.603300.	425	2.9	0.	44.	40			
65	1	EB 80SB270	AG210850.603300.210918.603294.	425	2.9	0.	44.	40			
66	1	EB 80SB270	AG210918.603294.210980.603262.	425	2.9	0.	44.	40			
71	1	EB 80	AG210939.603387.211180.603518.	425	2.9	0.	44.	40			
72	1	EB 80	AG211180.603518.211557.603727.	425	2.9	0.	44.	40			
	1	SB RMP	E80AG210940.603389.210778.603295.	425	2.9	0.	44.	40			
	2	SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3					
	60		14 5.0 425 29.1 1863 3 3								
	0	SB RMP	E80AG210772.603286.210466.603118.	625	2.9	0.	56.	40			
	1	SB RMP	WL8AG210939.603399.211080.603480.	150	2.9	0.	44.	40			
	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2					
	60		14 5.0 150 29.1 1413 3 3								
	0	SB RMP	WT8AG210933.603408.211079.603489.	150	2.9	0.	44.	40			
	1	SB RMP	W80AG211083.603489.211492.603717.	525	2.9	0.	44.	40			
	0	SB RMP	W80AG210512.603159.210932.603403.	350	2.9	0.	44.	40			
	1	SB RMP	WL AG210983.603264.210920.603384.	150	2.9	0.	44.	40			

S22B130P.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211049.603414.211008.603364.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211008.603364.211004.603287.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211004.603287.211029.603227.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211029.603227.211089.603177.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211089.603177.211193.603166.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211193.603166.211419.603175.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211419.603175.211499.603251.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211499.603251.211511.603344.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211511.603344.211486.603403.	450 2.7 0. 32.	61	
0	1	SB RMP CirAG211486.603403.211423.603469.	450 2.7 0. 32.	61	
0	1	SB On RMP AG212132.602583.212057.602692.	200 2.7 0. 32.	61	
0	1	SB On RMP AG212057.602692.211962.602817.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211962.602817.211858.602905.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211858.602905.211734.602975.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211734.602975.211590.603019.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211590.603019.211347.603049.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211347.603049.211193.603089.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211193.603089.211084.603156.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211084.603156.211020.603194.	200 2.7 0. 32.	61	
0	1	SB On RMP AG211020.603194.210976.603256.	200 2.7 0. 32.	61	
0	1	NB GP AG210288.604040.210994.603831.	5450 3.8 0. 44.	59	
0	1	NB GP AG210994.603831.211305.603711.	5450 3.8 0. 44.	59	
0	1	NB GP AG211305.603711.211575.603546.	5450 3.8 0. 44.	59	
0	1	NB GP AG211575.603546.211828.603315.	5450 3.8 0. 44.	59	
0	1	NB GP AG211828.603315.211976.603144.	5450 3.8 0. 44.	59	
0	1	NB GP AG211976.603144.212095.602967.	5450 3.8 0. 44.	59	
0	1	NB ETL AG210281.603985.210773.603848.	1775 3.8 0. 32.	59	
0	1	NB ETL AG210773.603848.211062.603762.	1775 3.8 0. 32.	59	
0	1	NB ETL AG211062.603762.211342.603634.	1775 3.8 0. 32.	59	
0	1	NB ETL AG211342.603634.211533.603513.	1775 3.8 0. 32.	59	
0	1	NB ETL AG211533.603513.211718.603362.	1775 3.8 0. 32.	59	
0	1	NB ETL AG211718.603362.211890.603183.	1775 3.8 0. 32.	59	
0	1	NB ETL AG211890.603183.212018.603004.	1775 3.8 0. 32.	59	
0	1	NB ETL AG212018.603004.212104.602860.	1775 3.8 0. 32.	59	
0	1	SB ETL AG212069.602828.211997.602953.	775 3.9 0. 32.	60	
0	1	SB ETL AG211997.602953.211855.603148.	775 3.9 0. 32.	60	
0	1	SB ETL AG211855.603148.211711.603304.	775 3.9 0. 32.	60	
0	1	SB ETL AG211711.603304.211544.603446.	775 3.9 0. 32.	60	
0	1	SB ETL AG211544.603446.211308.603599.	775 3.9 0. 32.	60	
0	1	SB ETL AG211308.603599.211112.603692.	775 3.9 0. 32.	60	
0	1	SB ETL AG211112.603692.210901.603766.	775 3.9 0. 32.	60	
0	1	SB ETL AG210901.603766.210314.603929.	775 3.9 0. 32.	60	
0	1	SB GP AG212064.602739.211923.602984.	2300 3.9 0. 44.	60	
0	1	SB GP AG211923.602984.211730.603225.	2300 3.9 0. 44.	60	
0	1	SB GP AG211730.603225.211584.603358.	2300 3.9 0. 44.	60	
0	1	SB GP AG211584.603358.211349.603520.	2300 3.9 0. 44.	60	
0	1	SB GP AG211349.603520.211054.603666.	2300 3.9 0. 44.	60	
0	1	SB GP AG211054.603666.210639.603797.	2300 3.9 0. 44.	60	
0	1	SB GP AG210639.603797.210231.603904.	2300 3.9 0. 44.	60	
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:36:20.32

RUN: SITE 22 NB30 FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211663.5	603869.8	*	30.	331. AG	125.	100.0	.0	24.0	.26 1.5
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	150.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	150.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211611.5	603833.6	*	59.	31. AG	62.	100.0	.0	12.0	.52 3.0
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	150.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1175.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1175.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1175.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211739.4	603904.7	*	40.	103. AG	4.	100.0	.0	12.0	.81 2.1
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.9	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211815.8	603896.0	*	107.	57. AG	40.	100.0	.0	12.0	.49 5.4
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.9	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211653.7	603782.2	*	38.	241. AG	28.	100.0	.0	24.0	.49 1.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1575.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1575.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1575.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1575.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1575.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1575.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1575.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	500.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	425.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	425.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	425.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	425.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	425.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	425.	2.9	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210918.7	603377.6	*	11.	240. AG	55.	100.0	.0	36.0	.12 .5
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.08 .3

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:36:20.32

RUN: SITE 22 NB30 FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	150.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	350.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	150.	2.9	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	450.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	450.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	450.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	450.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	450.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	450.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	450.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	450.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	450.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	450.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	450.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	200.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	200.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	200.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	200.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	200.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	200.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	200.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	200.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	200.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	200.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	5450.	3.8	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	5450.	3.8	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	5450.	3.8	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	5450.	3.8	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	5450.	3.8	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	5450.	3.8	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1775.	3.8	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1775.	3.8	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1775.	3.8	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1775.	3.8	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1775.	3.8	.0	32.0	

S22B130P.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1775.	3.8	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1775.	3.8	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1775.	3.8	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	775.	3.9	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	775.	3.9	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	775.	3.9	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	775.	3.9	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	775.	3.9	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	775.	3.9	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	775.	3.9	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	775.	3.9	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2300.	3.9	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2300.	3.9	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2300.	3.9	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2300.	3.9	.0 44.0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:36:20.32

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2300.	3.9	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2300.	3.9	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2300.	3.9	.0 44.0		

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:36:20.32

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	.3	150	1681	29.10	3	3
5. 20	NB off Ram*	90	72	.3	150	1661	29.10	3	3
10. 10	NB on RMP *	90	5	.3	1175	1583	29.10	3	3
12. 57	NB RMP WT8*	90	46	.3	425	1863	29.10	3	3
14. 14	NB RMP E80*	90	16	5.0	875	1207	29.10	3	3
41. 41	SB RMP E80*	60	14	5.0	425	1863	29.10	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1413	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B130P.OUT

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/26/2006 TIME: 15:36:20.32

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B1 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B2 FINGERBOARD RD(S22NB30A.DAT)		60.0175.0.0000.000		10.30480000		S22B230A.DAT		11		1	
S22 RES.		208580.		604451.		5.0					
SITE 22 NB30 FINGERBOARD RDAM		98		1		1					
16	NB off RMPAG211619.603949.211694.603814.	125	2.7	0.	44.	30					
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2							
150	133 3 125 29.1 1681 3 3										
18	NB off RMPAG211619.603949.211622.603852.	25	2.7	0.	32.	30					
1	NB off RamAG211622.603852.211576.603776.	25	2.7	0.	32.	30					
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1							
150	133 3 25 29.1 1583 3 3										
20	NB off RamAG211576.603776.211500.603713.	25	2.7	0.	32.	30					
36	NB 80 ONRAAG211000.603280.210939.603387.	650	2.7	0.	32.	30					
43	NB on RMP AG211863.603927.211763.603900.	650	2.7	0.	32.	30					
1	NB on RMP AG211763.603900.211658.603923.	650	2.7	0.	32.	30					
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1							
150	1 3 650 29.1 1583 3 3										
1	NB RMP WT8AG211863.603927.211704.603824.	400	2.7	0.	32.	30					
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1							
150	28 3 400 29.1 1863 3 3										
1	NB RMP E80AG211705.603811.211556.603727.	1875	2.7	0.	44.	61					
2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2							
150	15 5.0 1875 29.1 1366 3 3										
dp	NB RMP E80AG212302.604151.211707.603812.	1800	2.9	0.	44.	40					
1	NB on RMP AG210486.603978.210661.603955.	850	2.7	0.	32.	61					
0	NB on RMP AG210661.603955.210810.603952.	850	2.7	0.	32.	61					
0	NB on RMP AG210810.603952.211023.603995.	850	2.7	0.	32.	61					
0	NB on RMP AG211023.603995.211207.604048.	850	2.7	0.	32.	61					
0	NB on RMP AG211207.604048.211523.604060.	850	2.7	0.	32.	61					
0	NB on RMP AG211523.604060.211609.604006.	850	2.7	0.	32.	61					
0	NB on RMP AG211609.604006.211660.603921.	850	2.7	0.	32.	61					
0	NB RMP CirAG211376.603670.211303.603731.	150	2.7	0.	32.	61					
0	NB RMP CirAG211303.603731.211187.603798.	150	2.7	0.	32.	61					
0	NB RMP CirAG211187.603798.211149.603856.	150	2.7	0.	32.	61					
0	NB RMP CirAG211149.603856.211147.603933.	150	2.7	0.	32.	61					
0	NB RMP CirAG211147.603933.211199.604010.	150	2.7	0.	32.	61					
0	NB RMP CirAG211199.604010.211306.604034.	150	2.7	0.	32.	61					
0	NB RMP CirAG211306.604034.211515.604036.	150	2.7	0.	32.	61					
0	NB RMP CirAG211515.604036.211583.604001.	150	2.7	0.	32.	61					
0	NB RMP CirAG211583.604001.211619.603948.	150	2.7	0.	32.	61					
41	WB 80 AG212296.604166.211969.603976.	1050	2.9	0.	44.	40					
42	WB 80 AG211969.603976.211863.603927.	1050	2.9	0.	44.	40					
58	wb 80 AG211704.603824.211500.603713.	425	2.9	0.	32.	40					
64	EB 80SB270AG210778.603284.210850.603300.	700	2.9	0.	44.	40					
65	EB 80SB270AG210850.603300.210918.603294.	700	2.9	0.	44.	40					
66	EB 80SB270AG210918.603294.210980.603262.	700	2.9	0.	44.	40					
71	EB 80 AG210939.603387.211180.603518.	700	2.9	0.	44.	40					
72	EB 80 AG211180.603518.211557.603727.	700	2.9	0.	44.	40					
1	SB RMP E80AG210940.603389.210778.603295.	700	2.9	0.	56.	40					
150	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3							
1	55 5.0 700 29.1 1863 3 3										
0	SB RMP E80AG210772.603286.210466.603118.	1800	2.9	0.	56.	40					
1	SB RMP WL8AG210939.603399.211080.603480.	225	2.9	0.	44.	40					
2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2							
150	55 5.0 225 29.1 507 3 3										
0	SB RMP WT8AG210933.603408.211079.603489.	225	2.9	0.	44.	40					
1	SB RMP W80AG211083.603489.211492.603717.	975	2.9	0.	44.	40					
0	SB RMP W80AG210512.603159.210932.603403.	200	2.9	0.	44.	40					
1	SB RMP WL AG210983.603264.210920.603384.	225	2.9	0.	32.	40					

0	1	SB RMP	CirAG211165.603508.211049.603414.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211049.603414.211008.603364.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211008.603364.211004.603287.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211004.603287.211029.603227.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211029.603227.211089.603177.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211089.603177.211193.603166.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211193.603166.211419.603175.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211419.603175.211499.603251.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211499.603251.211511.603344.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211511.603344.211486.603403.	1175	2.7	0.	32.	30
0	1	SB RMP	CirAG211486.603403.211423.603469.	1175	2.7	0.	32.	30
0	1	SB On RMP	AG212132.602583.212057.602692.	325	2.7	0.	32.	30
0	1	SB On RMP	AG212057.602692.211962.602817.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211962.602817.211858.602905.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211858.602905.211734.602975.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211734.602975.211590.603019.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211590.603019.211347.603049.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211347.603049.211193.603089.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211193.603089.211084.603156.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211084.603156.211020.603194.	325	2.7	0.	32.	30
0	1	SB On RMP	AG211020.603194.210976.603256.	325	2.7	0.	32.	30
0	1	NB GP	AG210288.604040.210994.603831.	2250	3.9	0.	44.	61
0	1	NB GP	AG210994.603831.211305.603711.	2250	3.9	0.	44.	61
0	1	NB GP	AG211305.603711.211575.603546.	2250	3.9	0.	44.	61
0	1	NB GP	AG211575.603546.211828.603315.	2250	3.9	0.	44.	61
0	1	NB GP	AG211828.603315.211976.603144.	2250	3.9	0.	44.	61
0	1	NB GP	AG211976.603144.212095.602967.	2250	3.9	0.	44.	61
0	1	NB ETL	AG210281.603985.210773.603848.	1375	4.0	0.	32.	62
0	1	NB ETL	AG210773.603848.211062.603762.	1375	4.0	0.	32.	62
0	1	NB ETL	AG211062.603762.211342.603634.	1375	4.0	0.	32.	62
0	1	NB ETL	AG211342.603634.211533.603513.	1375	4.0	0.	32.	62
0	1	NB ETL	AG211533.603513.211718.603362.	1375	4.0	0.	32.	62
0	1	NB ETL	AG211718.603362.211890.603183.	1375	4.0	0.	32.	62
0	1	NB ETL	AG211890.603183.212018.603004.	1375	4.0	0.	32.	62
0	1	NB ETL	AG212018.603004.212104.602860.	1375	4.0	0.	32.	62
0	1	SB ETL	AG212069.602828.211997.602953.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211997.602953.211855.603148.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211855.603148.211711.603304.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211711.603304.211544.603446.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211544.603446.211308.603599.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211308.603599.211112.603692.	3550	4.0	0.	32.	62
0	1	SB ETL	AG211112.603692.210901.603766.	3550	4.0	0.	32.	62
0	1	SB ETL	AG210901.603766.210314.603929.	3550	4.0	0.	32.	62
0	1	SB GP	AG212064.602739.211923.60					

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/27/2006 TIME: 11:37:57.33

RUN: SITE 22 NB30 FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.7	.0	44.0		
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	138.	100.0	.0	24.0	.38	2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.7	.0	32.0		
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.7	.0	32.0		
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	69.	100.0	.0	12.0	.16	.9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.7	.0	32.0		
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	650.	2.7	.0	32.0		
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	650.	2.7	.0	32.0		
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	650.	2.7	.0	32.0		
10.	NB on RMP*	211700.0	603914.0	211703.5	603913.2	*	4.	103. AG	1.	100.0	.0	12.0	.42	.2
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0		
12. 57	NB RMP W78*	211726.0	603838.0	211777.5	603871.2	*	61.	57. AG	15.	100.0	.0	12.0	.27	3.1
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1875.	2.7	.0	44.0		
14.	NB RMP E80*	211687.0	603801.0	211620.1	603763.3	*	77.	241. AG	16.	100.0	.0	24.0	.80	3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1800.	2.9	.0	44.0		
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	850.	2.7	.0	32.0		
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	850.	2.7	.0	32.0		
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	850.	2.7	.0	32.0		
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	850.	2.7	.0	32.0		
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	850.	2.7	.0	32.0		
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	850.	2.7	.0	32.0		
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	850.	2.7	.0	32.0		
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.7	.0	32.0		
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.7	.0	32.0		
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.7	.0	32.0		
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.7	.0	32.0		
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.7	.0	32.0		
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.7	.0	32.0		
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.7	.0	32.0		
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.7	.0	32.0		
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.7	.0	32.0		
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.9	.0	44.0		
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.9	.0	44.0		
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	425.	2.9	.0	32.0		
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	700.	2.9	.0	44.0		
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	700.	2.9	.0	44.0		
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	700.	2.9	.0	44.0		
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	700.	2.9	.0	44.0		
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	700.	2.9	.0	44.0		
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	700.	2.9	.0	56.0		
41.	SB RMP E80*	210928.0	603383.0	209720.0	602675.6	*	1400.	240. AG	86.	100.0	.0	36.0	2.14	71.1
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1800.	2.9	.0	56.0		
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	225.	2.9	.0	44.0		
44.	SB RMP WL8*	210949.0	603404.0	211772.5	603883.1	*	953.	60. AG	57.	100.0	.0	24.0	3.86	48.4

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/27/2006 TIME: 11:37:57.33

RUN: SITE 22 NB30 FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	225.	2.9	.0	44.0		
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	975.	2.9	.0	44.0		
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.9	.0	44.0		
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	225.	2.9	.0	32.0		
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1175.	2.7	.0	32.0		
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1175.	2.7	.0	32.0		
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1175.	2.7	.0	32.0		
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1175.	2.7	.0	32.0		
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1175.	2.7	.0	32.0		
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1175.	2.7	.0	32.0		
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1175.	2.7	.0	32.0		
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1175.	2.7	.0	32.0		
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1175.	2.7	.0	32.0		
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1175.	2.7	.0	32.0		
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1175.	2.7	.0	32.0		
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	325.	2.7	.0	32.0		
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	325.	2.7	.0	32.0		
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	325.	2.7	.0	32.0		
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	325.	2.7	.0	32.0		
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	325.	2.7	.0	32.0		
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	325.	2.7	.0	32.0		
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	325.	2.7	.0	32.0		
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	325.	2.7	.0	32.0		
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	325.	2.7	.0	32.0		
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	325.	2.7	.0	32.0		
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2250.	3.9	.0	44.0		
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2250.	3.9	.0	44.0		
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2250.	3.9	.0	44.0		
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2250.	3.9	.0	44.0		
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2250.	3.9	.0	44.0		
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2250.	3.9	.0	44.0		
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1375.	4.0	.0	32.0		
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1375.	4.0	.0	32.0		
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1375.	4.0	.0	32.0		
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1375.	4.0	.0	32.0		
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1375.	4.0	.0	32.0		

S22B230A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1375.	4.0	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1375.	4.0	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1375.	4.0	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	3550.	4.0	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	3550.	4.0	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	3550.	4.0	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	3550.	4.0	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	3550.	4.0	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	3550.	4.0	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	3550.	4.0	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	3550.	4.0	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4550.	2.7	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4550.	2.7	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4550.	2.7	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	4550.	2.7	.0	44.0

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/27/2006 TIME: 11:37:57.33

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4550.	2.7	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4550.	2.7	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4550.	2.7	.0	44.0	

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/27/2006 TIME: 11:37:57.33

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	29.10	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	29.10	3	3
10. 10	NB on RMP *	150	1	.3	650	1583	29.10	3	3
12. 57	NB RMP WT8*	150	28	.3	400	1863	29.10	3	3
14. 14	NB RMP E80*	150	15	5.0	1875	1366	29.10	3	3
41. 41	SB RMP E80*	150	55	5.0	700	186	29.00	1	3
44. 44	SB RMP WL8*	150	55	5.0	225	50	29.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S22B230A.OUT

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----

MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 12/27/2006 TIME: 11:37:57.33

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

40 * .0
 41 * .0
 42 * .0
 43 * .0
 44 * .0
 45 * .0

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B2 FINGERBOARD RD(S22NB30A.DAT)				60.0175.0.0000.000				S22B230P.DAT				11		1		
S22 RES. 208580. 604451. 5.0																
SITE 22 NB30 FINGERBOARD RDPM				98 1 1												
16	1	NB off RMP	AG211619.603949.211694.603814.	150	2.7	0.	44.	30								
17	2	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2										
	90		76 3 150 29.1 1681 3 3													
18	1	NB off RMP	AG211619.603949.211622.603852.	75	2.7	0.	32.	30								
	1	NB off Ram	AG211622.603852.211576.603776.	75	2.7	0.	32.	30								
20	2	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1										
	90		76 3 75 29.1 1583 3 3													
20	1	NB off Ram	AG211576.603776.211500.603713.	75	2.7	0.	32.	30								
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	1200	2.7	0.	32.	30								
43	1	NB on RMP	AG211863.603927.211763.603900.	1200	2.7	0.	32.	30								
	1	NB on RMP	AG211763.603900.211658.603923.	1200	2.7	0.	32.	30								
	2	NB on RMP	AG211700.603914.211755.603901.	0.	12.	1										
	90		1 3 1200 29.1 1583 3 3													
	1	NB RMP	WT8AG211863.603927.211704.603824.	400	2.7	0.	32.	30								
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1										
	90		39 3 400 29.1 1863 3 3													
	1	NB RMP	E80AG211705.603811.211556.603727.	875	2.7	0.	44.	61								
	2	NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2										
	90		12 5.0 875 29.1 1271 3 3													
dp	1	NB RMP	E80AG212302.604151.211707.603812.	625	2.9	0.	44.	40								
	1	NB on RMP	AG210486.603978.210661.603955.	1600	2.7	0.	32.	61								
	0	NB on RMP	AG210661.603955.210810.603952.	1600	2.7	0.	32.	61								
	1	NB on RMP	AG210810.603952.211023.603995.	1600	2.7	0.	32.	61								
	0	NB on RMP	AG211023.603995.211207.604048.	1600	2.7	0.	32.	61								
	1	NB on RMP	AG211207.604048.211523.604060.	1600	2.7	0.	32.	61								
	0	NB on RMP	AG211523.604060.211609.604006.	1600	2.7	0.	32.	61								
	1	NB on RMP	AG211609.604006.211660.603921.	1600	2.7	0.	32.	61								
	0	NB RMP	CirAG211376.603670.211303.603731.	225	2.7	0.	32.	61								
	1	NB RMP	CirAG211303.603731.211187.603798.	225	2.7	0.	32.	61								
	0	NB RMP	CirAG211187.603798.211149.603856.	225	2.7	0.	32.	61								
	1	NB RMP	CirAG211149.603856.211147.603933.	225	2.7	0.	32.	61								
	0	NB RMP	CirAG211147.603933.211199.604010.	225	2.7	0.	32.	61								
	1	NB RMP	CirAG211199.604010.211306.604034.	225	2.7	0.	32.	61								
	0	NB RMP	CirAG211306.604034.211515.604036.	225	2.7	0.	32.	61								
	1	NB RMP	CirAG211515.604036.211583.604001.	225	2.7	0.	32.	61								
	0	NB RMP	CirAG211583.604001.211619.603948.	225	2.7	0.	32.	61								
41	1	WB 80	AG212296.604166.211969.603976.	1600	2.9	0.	44.	40								
42	1	WB 80	AG211969.603976.211863.603927.	1600	2.9	0.	44.	40								
58	1	wb 80	AG211704.603824.211500.603713.	475	2.9	0.	32.	40								
64	1	EB 80SB270	AG210778.603284.210850.603300.	450	2.9	0.	44.	40								
65	1	EB 80SB270	AG210850.603300.210918.603294.	450	2.9	0.	44.	40								
66	1	EB 80SB270	AG210918.603294.210980.603262.	450	2.9	0.	44.	40								
71	1	EB 80	AG210939.603387.211180.603518.	450	2.9	0.	44.	40								
72	1	EB 80	AG211180.603518.211557.603727.	450	2.9	0.	44.	40								
	2	SB RMP	E80AG210940.603389.210778.603295.	450	2.9	0.	56.	40								
	60	SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3										
	1		14 5.0 450 29.1 1863 3 3													
	0	SB RMP	E80AG210772.603286.210466.603118.	625	2.9	0.	56.	40								
	1	SB RMP	WL8AG210939.603399.211080.603480.	150	2.9	0.	44.	40								
	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2										
	60		14 5.0 150 29.1 1380 3 3													
	0	SB RMP	WT8AG210933.603408.211079.603489.	325	2.9	0.	44.	40								
	1	SB RMP	W80AG211083.603489.211492.603717.	500	2.9	0.	44.	40								
	0	SB RMP	W80AG210512.603159.210932.603403.	150	2.9	0.	44.	40								
	1	SB RMP	WL AG210983.603264.210920.603384.	325	2.9	0.	32.	40								

S22B230P.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211049.603414.211008.603364.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211008.603364.211004.603287.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211004.603287.211029.603227.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211029.603227.211089.603177.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211089.603177.211193.603166.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211193.603166.211419.603175.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211419.603175.211499.603251.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211499.603251.211511.603344.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211511.603344.211486.603403.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211486.603403.211423.603469.	425 2.7	0. 32.	30
0	1	SB On RMP AG212132.602583.212057.602692.	175 2.7	0. 32.	30
0	1	SB On RMP AG212057.602692.211962.602817.	175 2.7	0. 32.	30
0	1	SB On RMP AG211962.602817.211858.602905.	175 2.7	0. 32.	30
0	1	SB On RMP AG211858.602905.211734.602975.	175 2.7	0. 32.	30
0	1	SB On RMP AG211734.602975.211590.603019.	175 2.7	0. 32.	30
0	1	SB On RMP AG211590.603019.211347.603049.	175 2.7	0. 32.	30
0	1	SB On RMP AG211347.603049.211193.603089.	175 2.7	0. 32.	30
0	1	SB On RMP AG211193.603089.211084.603156.	175 2.7	0. 32.	30
0	1	SB On RMP AG211084.603156.211020.603194.	175 2.7	0. 32.	30
0	1	SB On RMP AG211020.603194.210976.603256.	175 2.7	0. 32.	30
0	1	NB GP AG210288.604040.210994.603831.	4600 3.9	0. 44.	61
0	1	NB GP AG210994.603831.211305.603711.	4600 3.9	0. 44.	61
0	1	NB GP AG211305.603711.211575.603546.	4600 3.9	0. 44.	61
0	1	NB GP AG211575.603546.211828.603315.	4600 3.9	0. 44.	61
0	1	NB GP AG211828.603315.211976.603144.	4600 3.9	0. 44.	61
0	1	NB GP AG211976.603144.212095.602967.	4600 3.9	0. 44.	61
0	1	NB ETL AG210281.603985.210773.603848.	3525 3.9	0. 32.	61
0	1	NB ETL AG210773.603848.211062.603762.	3525 3.9	0. 32.	61
0	1	NB ETL AG211062.603762.211342.603634.	3525 3.9	0. 32.	61
0	1	NB ETL AG211342.603634.211533.603513.	3525 3.9	0. 32.	61
0	1	NB ETL AG211533.603513.211718.603362.	3525 3.9	0. 32.	61
0	1	NB ETL AG211718.603362.211890.603183.	3525 3.9	0. 32.	61
0	1	NB ETL AG211890.603183.212018.603004.	3525 3.9	0. 32.	61
0	1	NB ETL AG212018.603004.212104.602860.	3525 3.9	0. 32.	61
0	1	SB ETL AG212069.602828.211997.602953.	1175 4.0	0. 32.	62
0	1	SB ETL AG211997.602953.211855.603148.	1175 4.0	0. 32.	62
0	1	SB ETL AG211855.603148.211711.603304.	1175 4.0	0. 32.	62
0	1	SB ETL AG211711.603304.211544.603446.	1175 4.0	0. 32.	62
0	1	SB ETL AG211544.603446.211308.603599.	1175 4.0	0. 32.	62
0	1	SB ETL AG211308.603599.211112.603692.	1175 4.0	0. 32.	62
0	1	SB ETL AG211112.603692.210901.603766.	1175 4.0	0. 32.	62
0	1	SB ETL AG210901.603766.210314.603929.	1175 4.0	0. 32.	62
0	1	SB GP AG212064.602739.211923.602984.	2025 3.9	0. 44.	61
0	1	SB GP AG211923.602984.211730.603225.	2025 3.9	0. 44.	61
0	1	SB GP AG211730.603225.211584.603358.	2025 3.9	0. 44.	61
0	1	SB GP AG211584.603358.211349.603520.	2025 3.9	0. 44.	61
0	1	SB GP AG211349.603520.211054.603666.	2025 3.9	0. 44.	61
0	1	SB GP AG211054.603666.210639.603797.	2025 3.9	0. 44.	61
0	1	SB GP AG210639.603797.210231.603904.	2025 3.9	0. 44.	61

1.0 0.4 1000. 0.0Y 5 0 72

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 01/20/2007 TIME: 11:54:12.43

RUN: SITE 22 NB30 FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211662.7	603871.1	*	31.	331. AG	132.	100.0	.0	24.0	.34
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211597.1	603809.7	*	31.	31. AG	66.	100.0	.0	12.0	.37
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1200.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1200.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1200.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211719.9	603909.3	*	20.	103. AG	1.	100.0	.0	12.0	.79
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211797.7	603884.3	*	85.	57. AG	34.	100.0	.0	12.0	.40
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211662.0	603786.9	*	29.	241. AG	21.	100.0	.0	24.0	.44
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1600.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1600.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1600.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1600.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1600.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1600.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1600.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	475.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210918.1	603377.2	*	11.	240. AG	55.	100.0	.0	36.0	.12
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.08

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 01/20/2007 TIME: 11:54:12.43

RUN: SITE 22 NB30 FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	325.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	150.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	325.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	425.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	425.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	425.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	425.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	425.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	425.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	425.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	425.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	425.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	425.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	425.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	175.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	175.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	175.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	175.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	175.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	175.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	175.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	175.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	175.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	175.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4600.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4600.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4600.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4600.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4600.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4600.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	3525.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	3525.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	3525.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	3525.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	3525.	3.9	.0	32.0	

S22B230P.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	3525.	3.9	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	3525.	3.9	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	3525.	3.9	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1175.	4.0	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1175.	4.0	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1175.	4.0	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1175.	4.0	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1175.	4.0	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1175.	4.0	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1175.	4.0	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1175.	4.0	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	3.9	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	3.9	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	3.9	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2025.	3.9	.0	44.0

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 01/20/2007 TIME: 11:54:12.43

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	3.9	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	3.9	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	3.9	.0	44.0	

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 01/20/2007 TIME: 11:54:12.43

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	76	.3	150	1681	29.10	3	3
5. 20	NB off Ram*	90	76	.3	75	1583	29.10	3	3
10. 10	NB on RMP *	90	1	.3	1200	1583	29.10	3	3
12. 57	NB RMP WT8*	90	39	.3	400	1863	29.10	3	3
14. 14	NB RMP E80*	90	12	5.0	875	1271	29.10	3	3
41. 41	SB RMP E80*	60	14	5.0	450	1863	29.10	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1380	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S22 RES.	*	208580.0	604451.0	5.0	*

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

```

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

```

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

```

```

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0

```

```

-----*-----
MAX * .0
DEGR. * 0

```

```

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

```

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)
DATE: 01/20/2007 TIME: 11:54:12.43

```

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 7

```

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

```

40 * .0
 41 * .0
 42 * .0
 43 * .0
 44 * .0
 45 * .0

1

JOB: B2 FINGERBOARD RD(S22NB30A.DAT)

RUN: SITE 22 NB30 FINGERBOARD RDPM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

Site 23

**MD 80 & I-270 Ramps (Park &
Ride – Historical District, Churches)**

EX 270&80 RAMPS (S23EXA.DAT)		60.0175.0.0000.000170.30480000		S23EXA.DAT		11 1	
CRN SB ON	210891.	603267.	5.0				
82' SB ON	210829.	603265.	5.0				
164' SB ON	210751.	603234.	5.0				
MID SB ON	210664.	603190.	5.0				
MID SB ON NS ROW	210617.	603276.	5.0				
162' SB ON NS ROW	210744.	603330.	5.0				
CR SB ON NS ROW	210864.	603396.	5.0				
CR SB ON NE	210952.	603444.	5.0				
82' SB ON NE	211008.	603473.	5.0				
MID SB ON NE	211080.	603509.	5.0				
NB ON CRN SS	211768.	603820.	5.0				
NB ON 82' SS	211813.	603846.	5.0				
NB 164' SS	211916.	603904.	5.0				
NB MID SS	212135.	604030.	5.0				
NB ON MID	211908.	603986.	5.0				
NB ON 164'	211812.	603942.	5.0				
NB ON CRN	211720.	603937.	5.0				
SITE 23 EX I270&80RAMPS AM				98	1	1	
1	I-270 NB	AG212123.602857.211994.603067.	1955 3.8 0. 44.	60.5			
2	"	AG211994.603067.211815.603289.	1955 3.8 0. 44.	60.5			
3	"	AG211815.603289.211559.603515.	1955 3.8 0. 44.	60.5			
4	"	AG211559.603515.211253.603705.	1955 3.8 0. 44.	60.5			
5	"	AG211253.603705.210964.603808.	1852 3.8 0. 44.	60.5			
6	"	AG210964.603808.210632.603909.	1852 3.8 0. 44.	60.5			
7	"	AG210632.603909.210521.603943.	2037 3.8 0. 44.	60.5			
8	NB OFF TO 80	AG211253.603705.211126.603793.	103 2.6 0. 32.	30			
9	"	AG211126.603793.211096.603870.	103 2.6 0. 32.	30			
10	"	AG211096.603870.211099.603928.	103 2.6 0. 32.	30			
11	"	AG211099.603928.211132.603985.	103 2.6 0. 32.	30			
12	"	AG211132.603985.211202.604026.	103 2.6 0. 32.	30			
13	"	AG211202.604026.211506.604039.	103 2.6 0. 32.	30			
14	"	AG211506.604039.211574.604009.	103 2.6 0. 32.	30			
15	"	AG211574.604009.211619.603949.	103 2.6 0. 32.	30			
16	NB OFF LEFT	AG211619.603949.211694.603814.	86 2.6 0. 44.	30			
17	"	Q AG211678.603844.211643.603906.	0. 24. 2				
50		34 4. 86 28.3 1681 2 3					
18	NB OFF RIGHT	AG211619.603949.211622.603852.	16 2.6 0. 32.	30			
19	"	AG211622.603852.211576.603776.	16 2.6 0. 32.	30			
20	"	Q AG211581.603783.211619.603846.	0. 12. 1				
50		34 4. 1 28.3 1750 2 3					
21	"	AG211576.603776.211500.603713.	21 2.6 0. 32.	30			
22	I-270 SB	AG210496.603858.210975.603725.	3226 3.7 0. 44.	58.			
23	"	AG210975.603725.211238.603621.	3226 3.7 0. 44.	58.			
24	"	AG211238.603621.211517.603438.	3226 3.7 0. 44.	58.			
25	"	AG211517.603438.211675.603313.	2868 3.7 0. 44.	58.			
26	"	AG211675.603313.211775.603212.	2868 3.7 0. 44.	58.			
27	"	AG211775.603212.212061.602812.	3222 3.7 0. 44.	58.			
28	270SB OFF TO 80	AG211517.603438.211562.603334.	358 2.6 0. 32.	30			
29	"	AG211562.603334.211547.603254.	358 2.6 0. 32.	30			
30	"	AG211547.603254.211495.603196.	358 2.6 0. 32.	30			
31	"	AG211495.603196.211437.603174.	358 2.6 0. 32.	30			
32	"	AG211437.603174.211134.603171.	358 2.6 0. 32.	30			
33	"	AG211134.603171.211056.603197.	358 2.6 0. 32.	30			
34	"	AG211056.603197.211000.603280.	358 2.6 0. 32.	30			
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	57 2.8 0. 32.	15			
36	NB80RMLT	AG210952.603364.210991.603296.	0. 12. 1				
90		73 2. 1 28.3 1750 1 3					
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	301 2.8 0. 32.	15			
38	"	AG211006.603365.211042.603414.	301 2.6 0. 32.	30			
39	"	AG211039.603409.211008.603368.	0. 12. 1				
90		73 2. 1 28.3 1750 3 3					
40	"	AG211042.603414.211180.603518.	301 2.6 0. 32.	30			
41	WB 80	AG212296.604166.211969.603976.	486 2.6 0. 44.	35			

		S23EXA.DAT	
42	"	AG211969.603976.211863.603927.	486 2.6 0. 44. 35
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	136 2.6 0. 32. 35
44	1 "	AG211763.603900.211658.603923.	136 2.9 0. 32. 17
45	2 "	AG211700.603914.211755.603901.	0. 12. 1
	90	5 2. 1 28.3 1750 1 3	
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	184 2.6 0. 32. 35
47	1 I-270 NB ON	AG211599.604013.211532.604055.	184 2.6 0. 32. 30
48	1 "	AG211532.604055.211438.604062.	184 2.6 0. 32. 30
49	1 "	AG211438.604062.211206.604048.	184 2.6 0. 32. 30
50	1 "	AG211206.604048.211148.604025.	184 2.6 0. 32. 30
51	1 "	AG211148.604025.211083.603964.	184 2.6 0. 32. 30
52	1 "	AG211083.603964.211022.603890.	184 2.6 0. 32. 30
53	1 "	AG211022.603890.210965.603858.	184 2.6 0. 32. 30
54	1 "	AG210965.603858.210905.603856.	184 2.6 0. 32. 30
55	1 "	AG210905.603856.210632.603909.	184 2.6 0. 32. 30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	345 2.6 0. 32. 17
57	2 "	AG211726.603838.211805.603889.	0. 12. 1
	50	24 4. 345 28.3 1863 2 3	
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	371 2.6 0. 32. 35
59	1 "	AG211500.603713.210937.603394.	371 2.9 0. 32. 17
60	2 " Q	AG210962.603409.211025.603444.	0. 12. 1
	90	5 2. 1 28.3 1750 3 3	
61	1 80 WB	AG210937.603394.210562.603186.	371 2.6 0. 32. 35
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	265 2.6 0. 44. 35
63	1 "	AG210667.603227.210778.603284.	265 2.6 0. 44. 35
64	1 "	AG210778.603284.210850.603300.	111 2.6 0. 44. 35
65	1 "	AG210850.603300.210918.603294.	111 2.8 0. 44. 17
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12. 1
	90	5 2. 1 28.3 1750 3 3	
67	1 "	AG210918.603294.210980.603262.	111 2.6 0. 44. 35
68	1 80EB @ SB RP TL	AG210778.603284.210830.603323.	154 2.6 0. 44. 35
69	1 "	AG210830.603323.210939.603387.	154 2.8 0. 44. 17
70	2 " Q	AG210915.603373.210841.603330.	0. 24. 2
	90	5 2. 2 28.3 1750 1 3	
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	430 2.6 0. 44. 35
72	1 "	AG211180.603518.211557.603727.	430 2.6 0. 44. 35
73	1 "	AG211557.603727.211989.603968.	430 2.6 0. 44. 35
70	2 eb left Q	AG210915.603373.210841.603330.	0. 12. 1
	50	18 4. 44 28.3 1770 2 3	
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24. 2
	50	24 4. 411 28.3 1846 2 3	
74	1 80 EB	AG211989.603968.212305.604152.	467 2.6 0. 44. 35
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	354 2.6 0. 32. 30
76	1 "	AG211024.603189.211087.603149.	354 2.6 0. 32. 30
77	1 "	AG211087.603149.211145.603140.	354 2.6 0. 32. 30
78	1 "	AG211145.603140.211440.603144.	354 2.6 0. 32. 30
79	1 "	AG211440.603144.211499.603163.	354 2.6 0. 32. 30
80	1 "	AG211499.603163.211594.603223.	354 2.6 0. 32. 30
81	1 "	AG211594.603223.211664.603235.	354 2.6 0. 32. 30
82	1 "	AG211664.603235.211775.603212.	354 2.6 0. 32. 30
83	1 I-270 NB	AG210521.603943.209400.604253.	2037 3.7 0. 44. 61
84	1 "	AG209400.604253.208836.604494.	2037 3.7 0. 44. 61
85	1 "	AG208836.604494.208166.604895.	2037 3.7 0. 44. 61
86	1 "	AG208166.604895.207724.605289.	2037 3.7 0. 44. 61
87	1 I-270 SB	AG207646.605231.208105.604843.	3226 3.7 0. 44. 58
88	1 "	AG208105.604843.208804.604420.	3226 3.7 0. 44. 58
89	1 "	AG208804.604420.209380.604177.	3226 3.7 0. 44. 58

			S23EXA.DAT	
90	1 "	AG209380.604177.210495.603858.	3226 3.7 0. 44.	58
91	1 I-270 NB	AG207724.605289.207503.605510.	2037 3.8 0. 44.	61
92	1 "	AG207503.605510.207122.605997.	2037 3.8 0. 44.	61
93	1 "	AG207122.605997.206735.606587.	2037 3.8 0. 44.	61
94	1 I-270 SB	AG206638.606543.206943.606090.	3226 3.7 0. 44.	58
95	1 "	AG206943.606090.207418.605459.	3226 3.7 0. 44.	58
96	1 "	AG207418.605459.207644.605229.	3226 3.7 0. 44.	58
1.0000041000.000.0Y005000072				

JOB: EX 270&80 RAMPS (S23EXA.DAT)
DATE: 12/14/2006 TIME: 13:26:38.25

RUN: SITE 23 EX I270&80RAMPS AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	*	212123.0 602857.0	211994.0 603067.0	*	246. 328. AG	1955.	3.8	.0	44.0		
2. 2 "	*	211994.0 603067.0	211815.0 603289.0	*	285. 321. AG	1955.	3.8	.0	44.0		
3. 3 "	*	211815.0 603289.0	211559.0 603515.0	*	341. 311. AG	1955.	3.8	.0	44.0		
4. 4 "	*	211559.0 603515.0	211253.0 603705.0	*	360. 302. AG	1955.	3.8	.0	44.0		
5. 5 "	*	211253.0 603705.0	210964.0 603808.0	*	307. 290. AG	1852.	3.8	.0	44.0		
6. 6 "	*	210964.0 603808.0	210632.0 603909.0	*	347. 287. AG	1852.	3.8	.0	44.0		
7. 7 "	*	210632.0 603909.0	210521.0 603943.0	*	116. 287. AG	2037.	3.8	.0	44.0		
8. 8 NB OFF TO 80	*	211253.0 603705.0	211126.0 603793.0	*	155. 305. AG	103.	2.6	.0	32.0		
9. 9 "	*	211126.0 603793.0	211096.0 603870.0	*	83. 339. AG	103.	2.6	.0	32.0		
10. 10 "	*	211096.0 603870.0	211099.0 603928.0	*	58. 3. AG	103.	2.6	.0	32.0		
11. 11 "	*	211099.0 603928.0	211132.0 603985.0	*	66. 30. AG	103.	2.6	.0	32.0		
12. 12 "	*	211132.0 603985.0	211202.0 604026.0	*	81. 60. AG	103.	2.6	.0	32.0		
13. 13 "	*	211202.0 604026.0	211506.0 604039.0	*	304. 88. AG	103.	2.6	.0	32.0		
14. 14 "	*	211506.0 604039.0	211574.0 604009.0	*	74. 114. AG	103.	2.6	.0	32.0		
15. 15 "	*	211574.0 604009.0	211619.0 603949.0	*	75. 143. AG	103.	2.6	.0	32.0		
16. 16 NB OFF LEFT	*	211619.0 603949.0	211694.0 603814.0	*	154. 151. AG	86.	2.6	.0	44.0		
17. 17 " Q	*	211678.0 603844.0	211674.1 603851.0	*	8. 331. AG	103.	100.0	.0	24.0	.32	.4
18. 18 NB OFF RIGHT	*	211619.0 603949.0	211622.0 603852.0	*	97. 178. AG	16.	2.6	.0	32.0		
19. 19 "	*	211622.0 603852.0	211576.0 603776.0	*	89. 211. AG	16.	2.6	.0	32.0		
20. 20 "	Q	211581.0 603783.0	211581.1 603783.2	*	0. 29. AG	52.	100.0	.0	12.0	.01	.0
21. 21 "	*	211576.0 603776.0	211500.0 603713.0	*	99. 230. AG	21.	2.6	.0	32.0		
22. 22 I-270 SB	*	210496.0 603858.0	210975.0 603725.0	*	497. 106. AG	3226.	3.7	.0	44.0		
23. 23 "	*	210975.0 603725.0	211238.0 603621.0	*	283. 112. AG	3226.	3.7	.0	44.0		
24. 24 "	*	211238.0 603621.0	211517.0 603438.0	*	334. 123. AG	3226.	3.7	.0	44.0		
25. 25 "	*	211517.0 603438.0	211675.0 603313.0	*	201. 128. AG	2868.	3.7	.0	44.0		
26. 26 "	*	211675.0 603313.0	211775.0 603212.0	*	142. 135. AG	2868.	3.7	.0	44.0		
27. 27 "	*	211775.0 603212.0	212061.0 603212.0	*	492. 144. AG	3222.	3.7	.0	44.0		
28. 28 270SB OFF TO 80	*	211517.0 603438.0	211562.0 603334.0	*	113. 157. AG	358.	2.6	.0	32.0		
29. 29 "	*	211562.0 603334.0	211547.0 603254.0	*	81. 191. AG	358.	2.6	.0	32.0		
30. 30 "	*	211547.0 603254.0	211495.0 603196.0	*	78. 222. AG	358.	2.6	.0	32.0		
31. 31 "	*	211495.0 603196.0	211437.0 603174.0	*	62. 249. AG	358.	2.6	.0	32.0		
32. 32 "	*	211437.0 603174.0	211134.0 603171.0	*	303. 269. AG	358.	2.6	.0	32.0		
33. 33 "	*	211134.0 603171.0	211056.0 603197.0	*	82. 288. AG	358.	2.6	.0	32.0		
34. 34 "	*	211056.0 603197.0	211000.0 603280.0	*	100. 326. AG	358.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	*	211000.0 603280.0	210939.0 603387.0	*	123. 330. AG	57.	2.8	.0	32.0		
36. 36 NB80RMP LT	*	210952.0 603364.0	210952.2 603363.6	*	0. 151. AG	62.	100.0	.0	12.0	.01	.0
37. 37 SB OFFSPLIT T080	*	211000.0 603280.0	211006.0 603365.0	*	85. 4. AG	301.	2.8	.0	32.0		
38. 38 "	*	211006.0 603365.0	211042.0 603414.0	*	61. 36. AG	301.	2.6	.0	32.0		
39. 39 "	*	211039.0 603409.0	211038.8 603408.7	*	0. 218. AG	62.	100.0	.0	12.0	.01	.0
40. 40 "	*	211042.0 603414.0	211180.0 603518.0	*	173. 53. AG	301.	2.6	.0	32.0		
41. 41 WB 80	*	212296.0 604166.0	211969.0 603976.0	*	378. 240. AG	486.	2.6	.0	44.0		
42. 42 "	*	211969.0 603976.0	211863.0 603927.0	*	117. 245. AG	486.	2.6	.0	44.0		
43. 43 RT ON FR 80W	*	211863.0 603927.0	211763.0 603900.0	*	104. 255. AG	136.	2.6	.0	32.0		
44. 44 "	*	211763.0 603900.0	211658.0 603923.0	*	107. 282. AG	136.	2.9	.0	32.0		

JOB: EX 270&80 RAMPS (S23EXA.DAT)
DATE: 12/14/2006 TIME: 13:26:38.25

RUN: SITE 23 EX I270&80RAMPS AM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	*	211700.0 603914.0	211700.0 603914.0	*	0. 70. AG	4. 100.0	.0	12.0	.00	.0	
46. 46 80 ON TO NB270	*	211658.0 603923.0	211599.0 604013.0	*	108. 327. AG	184.	2.6	.0	32.0		
47. 47 I-270 NB ON	*	211599.0 604013.0	211532.0 604055.0	*	79. 302. AG	184.	2.6	.0	32.0		
48. 48 "	*	211532.0 604055.0	211438.0 604062.0	*	94. 274. AG	184.	2.6	.0	32.0		
49. 49 "	*	211438.0 604062.0	211206.0 604048.0	*	232. 267. AG	184.	2.6	.0	32.0		
50. 50 "	*	211206.0 604048.0	211148.0 604025.0	*	62. 248. AG	184.	2.6	.0	32.0		
51. 51 "	*	211148.0 604025.0	211083.0 603964.0	*	89. 227. AG	184.	2.6	.0	32.0		
52. 52 "	*	211083.0 603964.0	211022.0 603890.0	*	96. 219. AG	184.	2.6	.0	32.0		
53. 53 "	*	211022.0 603890.0	210965.0 603858.0	*	65. 241. AG	184.	2.6	.0	32.0		
54. 54 "	*	210965.0 603858.0	210905.0 603856.0	*	60. 268. AG	184.	2.6	.0	32.0		
55. 55 "	*	210905.0 603856.0	210632.0 603909.0	*	278. 281. AG	184.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	*	211863.0 603927.0	211704.0 603824.0	*	189. 237. AG	345.	2.6	.0	32.0		
57. 57 "	*	211726.0 603838.0	211840.6 603912.0	*	136. 57. AG	36. 100.0	.0	12.0	1.00	6.9	
58. 58 80WB TO SB OFF	*	211704.0 603824.0	211500.0 603713.0	*	232. 241. AG	371.	2.6	.0	32.0		
59. 59 "	*	211500.0 603713.0	210937.0 603394.0	*	647. 240. AG	371.	2.9	.0	32.0		
60. 60 " Q	*	210962.0 603409.0	210962.0 603409.0	*	0. 70. AG	4. 100.0	.0	12.0	.00	.0	
61. 61 80 WB	*	210937.0 603394.0	210562.0 603186.0	*	429. 241. AG	371.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	*	210570.0 603172.0	210667.0 603227.0	*	112. 60. AG	265.	2.6	.0	44.0		
63. 63 "	*	210667.0 603227.0	210778.0 603284.0	*	125. 63. AG	265.	2.6	.0	44.0		
64. 64 "	*	210778.0 603284.0	210850.0 603300.0	*	74. 77. AG	111.	2.6	.0	44.0		
65. 65 "	*	210850.0 603300.0	210918.0 603294.0	*	68. 95. AG	111.	2.8	.0	44.0		
66. 66 80EB @ SB RP RT	*	210907.0 603295.0	210907.0 603295.0	*	0. 250. AG	4. 100.0	.0	12.0	.00	.0	
67. 67 "	*	210918.0 603294.0	210980.0 603262.0	*	70. 117. AG	111.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	*	210778.0 603284.0	210830.0 603323.0	*	65. 53. AG	154.	2.6	.0	44.0		
69. 69 "	*	210830.0 603323.0	210939.0 603387.0	*	126. 60. AG	154.	2.8	.0	44.0		
70. 70 " Q	*	210915.0 603373.0	210915.0 603373.0	*	0. 250. AG	8. 100.0	.0	24.0	.00	.0	
71. 71 80EB @ NB RP	*	210939.0 603387.0	211180.0 603518.0	*	274. 61. AG	430.	2.6	.0	44.0		
72. 72 "	*	211180.0 603518.0	211557.0 603727.0	*	431. 61. AG	430.	2.6	.0	44.0		
73. 73 "	*	211557.0 603727.0	211989.0 603968.0	*	495. 61. AG	430.	2.6	.0	44.0		
74. 74 eb left Q	*	210915.0 603373.0	210911.3 603370.9	*	4. 240. AG	27. 100.0	.0	12.0	.11	.2	
75. 75 eb thru Q	*	210915.0 603373.0	210891.7 603359.5	*	27. 240. AG	73. 100.0	.0	24.0	.61	1.4	
76. 74 80 EB	*	211989.0 603968.0	212305.0 604152.0	*	366. 60. AG	467.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	*	210980.0 603262.0	211024.0 603189.0	*	85. 149. AG	354.	2.6	.0	32.0		
78. 76 "	*	211024.0 603189.0	211087.0 603149.0	*	75. 122. AG	354.	2.6	.0	32.0		
79. 77 "	*	211087.0 603149.0	211145.0 603140.0	*	59. 99. AG	354.	2.6	.0	32.0		
80. 78 "	*	211145.0 603140.0	211440.0 603144.0	*	295. 89. AG	354.	2.6	.0	32.0		

S23EXA.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	354.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	354.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	354.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	354.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2037.	3.7	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2037.	3.7	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2037.	3.7	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2037.	3.7	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	3226.	3.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	3226.	3.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	3226.	3.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	3226.	3.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2037.	3.8	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2037.	3.8	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2037.	3.8	.0	44.0

1

PAGE 3

JOB: EX 270&80 RAMPS (S23EXA.DAT) RUN: SITE 23 EX I270&80RAMPS AM
DATE: 12/14/2006 TIME: 13:26:38.25

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	606090.0	*	546.	146. AG	3226.	3.7	.0 44.0
97. 95 "	*	206943.0 606090.0 207418.0	605459.0	*	790.	143. AG	3226.	3.7	.0 44.0
98. 96 "	*	207418.0 605459.0 207644.0	605229.0	*	322.	136. AG	3226.	3.7	.0 44.0

1

PAGE 4

JOB: EX 270&80 RAMPS (S23EXA.DAT) RUN: SITE 23 EX I270&80RAMPS AM
DATE: 12/14/2006 TIME: 13:26:38.25

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	50	34	4.0	86	681	28.30	1 3
20. 20 " Q	*	50	34	4.0	1	750	28.30	1 3
36. 36 NB80RMLT	*	90	73	2.0	1	750	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	750	28.30	1 3
45. 45 " Q	*	90	5	2.0	1	750	28.30	1 3
57. 57 " Q	*	50	24	4.0	345	863	28.30	1 3
60. 60 " Q	*	90	5	2.0	1	750	28.30	1 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	750	28.30	1 3
70. 70 " Q	*	90	5	2.0	2	750	28.30	1 3
74. 70 eb left Q	*	50	18	4.0	44	770	28.30	1 3
75. 70 eb thru Q	*	50	24	4.0	411	846	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. CRN SB ON	*	210891.0 603267.0	5.0	*
2. 82' SB ON	*	210829.0 603265.0	5.0	*
3. 164' SB ON	*	210751.0 603234.0	5.0	*
4. MID SB ON	*	210664.0 603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0 603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0 603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0 603396.0	5.0	*
8. CR SB ON NE	*	210952.0 603444.0	5.0	*
9. 82' SB ON NE	*	211008.0 603473.0	5.0	*
10. MID SB ON NE	*	211080.0 603509.0	5.0	*
11. NB ON CRN SS	*	211768.0 603820.0	5.0	*
12. NB ON 82' SS	*	211813.0 603846.0	5.0	*
13. NB 164' SS	*	211916.0 603904.0	5.0	*
14. NB MID SS	*	212135.0 604030.0	5.0	*
15. NB ON MID	*	211908.0 603986.0	5.0	*
16. NB ON 164'	*	211812.0 603942.0	5.0	*
17. NB ON CRN	*	211720.0 603937.0	5.0	*

1

PAGE 5

JOB: EX 270&80 RAMPS (S23EXA.DAT) RUN: SITE 23 EX I270&80RAMPS AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.0	.1	.1	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0
5.	*	.0	.0	.1	.0	.0	.1	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.0	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.1	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0

S23EXA.OUT

75.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

1

JOB: EX 270&80 RAMPS (S23EXA.DAT)

RUN: SITE 23 EX I270&80RAMPS AM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0
305.	*	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0
310.	*	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
315.	*	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
320.	*	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0
340.	*	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
345.	*	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
350.	*	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
355.	*	.1	.1	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0
360.	*	.0	.1	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0
MAX DEGR.	*	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.0	.1	.0
		305	0	0	320	10	0	0	0	305	0	30	275	240	20	0	160	0

THE HIGHEST CONCENTRATION IS .20 PPM AT 305 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 0 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 30 DEGREES FROM REC11.

1

JOB: EX 270&80 RAMPS (S23EXA.DAT)
 DATE: 12/14/2006 TIME: 13:26:38.25

RUN: SITE 23 EX I270&80RAMPS AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

EX 270&80 RAMPS (S23EXP.DAT)			S23EXP.DAT		
			60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891.	603267.	5.0		
82' SB ON	210829.	603265.	5.0		
164' SB ON	210751.	603234.	5.0		
MID SB ON	210664.	603190.	5.0		
MID SB ON NS ROW	210617.	603276.	5.0		
162' SB ON NS ROW	210744.	603330.	5.0		
CR SB ON NS ROW	210864.	603396.	5.0		
CR SB ON NE	210952.	603444.	5.0		
82' SB ON NE	211008.	603473.	5.0		
MID SB ON NE	211080.	603509.	5.0		
NB ON CRN SS	211768.	603820.	5.0		
NB ON 82' SS	211813.	603846.	5.0		
NB 164' SS	211916.	603904.	5.0		
NB MID SS	212135.	604030.	5.0		
NB ON MID	211908.	603986.	5.0		
NB ON 164'	211812.	603942.	5.0		
NB ON CRN	211720.	603937.	5.0		
SITE 23 EX I270&80RAMPS PM			98 1 1		
1 I-270 NB	AG212123.602857.211994.603067.	3556 3.6 0. 44.	55.5		
2 "	AG211994.603067.211815.603289.	3556 3.6 0. 44.	55.5		
3 "	AG211815.603289.211559.603515.	3556 3.6 0. 44.	55.5		
4 "	AG211559.603515.211253.603705.	3556 3.6 0. 44.	55.5		
5 "	AG211253.603705.210964.603808.	3186 3.6 0. 44.	55.5		
6 "	AG210964.603808.210632.603909.	3186 3.6 0. 44.	55.5		
7 "	AG210632.603909.210521.603943.	3470 3.6 0. 44.	55.5		
8 NB OFF TO 80	AG211253.603705.211126.603793.	370 2.6 0. 32.	30		
9 "	AG211126.603793.211096.603870.	370 2.6 0. 32.	30		
10 "	AG211096.603870.211099.603928.	370 2.6 0. 32.	30		
11 "	AG211099.603928.211132.603985.	370 2.6 0. 32.	30		
12 "	AG211132.603985.211202.604026.	370 2.6 0. 32.	30		
13 "	AG211202.604026.211506.604039.	370 2.6 0. 32.	30		
14 "	AG211506.604039.211574.604009.	370 2.6 0. 32.	30		
15 "	AG211574.604009.211619.603949.	370 2.6 0. 32.	30		
16 NB OFF LEFT	AG211619.603949.211694.603814.	317 2.6 0. 44.	30		
17 " 58	Q AG211678.603844.211643.603906. 38 4. 317 28.3 1685 2 3	0. 24. 2			
18 NB OFF RIGHT	AG211619.603949.211622.603852.	53 2.6 0. 32.	30		
19 "	AG211622.603852.211576.603776.	53 2.6 0. 32.	30		
20 " 58	Q AG211581.603783.211619.603846. 38 4. 1 28.3 1750 1 3	0. 12. 1			
21 "	AG211576.603776.211500.603713.	58 2.6 0. 32.	30		
22 I-270 SB	AG210496.603858.210975.603725.	2194 3.8 0. 44.	61.		
23 "	AG210975.603725.211238.603621.	2194 3.8 0. 44.	61.		
24 "	AG211238.603621.211517.603438.	2194 3.8 0. 44.	61.		
25 "	AG211517.603438.211675.603313.	1992 3.8 0. 44.	61.		
26 "	AG211675.603313.211775.603212.	1992 3.8 0. 44.	61.		
27 "	AG211775.603212.212061.602812.	2214 3.8 0. 44.	61.		
28 270SB OFF TO 80	AG211517.603438.211562.603334.	202 2.6 0. 32.	30		
29 "	AG211562.603334.211547.603254.	202 2.6 0. 32.	30		
30 "	AG211547.603254.211495.603196.	202 2.6 0. 32.	30		
31 "	AG211495.603196.211437.603174.	202 2.6 0. 32.	30		
32 "	AG211437.603174.211134.603171.	202 2.6 0. 32.	30		
33 "	AG211134.603171.211056.603197.	202 2.6 0. 32.	30		
34 "	AG211056.603197.211000.603280.	202 2.6 0. 32.	30		
35 SB OFFSPLIT T080	AG211000.603280.210939.603387.	52 2.8 0. 32.	15		
36 " 90	NB80RMLT AG210952.603364.210991.603296. 73 2. 1 28.3 1750 1 3	0. 12. 1			
37 SB OFFSPLIT T080	AG211000.603280.211006.603365.	150 2.8 0. 32.	15		
38 "	AG211006.603365.211042.603414.	150 2.6 0. 32.	30		
39 " 90	AG211039.603409.211008.603368. 73 2. 1 28.3 1750 3 3	0. 12. 1			
40 "	AG211042.603414.211180.603518.	150 2.6 0. 32.	30		
41 WB 80	AG212296.604166.211969.603976.	558 2.6 0. 44.	35		

				S23EXP.DAT	
42	"	AG211969.603976.211863.603927.	558 2.6	0. 44.	35
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	145 2.6	0. 32.	35
44	1 "	AG211763.603900.211658.603923.	145 2.6	0. 32.	17
45	2 "	AG211700.603914.211755.603901.	0. 12.	1	
	58 5 2. 1 28.3 1750 1 3				
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	259 2.6	0. 32.	35
47	1 I-270 NB ON	AG211599.604013.211532.604055.	259 2.6	0. 32.	30
48	1 "	AG211532.604055.211438.604062.	259 2.6	0. 32.	30
49	1 "	AG211438.604062.211206.604048.	259 2.6	0. 32.	30
50	1 "	AG211206.604048.211148.604025.	259 2.6	0. 32.	30
51	1 "	AG211148.604025.211083.603964.	259 2.6	0. 32.	30
52	1 "	AG211083.603964.211022.603890.	259 2.6	0. 32.	30
53	1 "	AG211022.603890.210965.603858.	259 2.6	0. 32.	30
54	1 "	AG210965.603858.210905.603856.	259 2.6	0. 32.	30
55	1 "	AG210905.603856.210632.603909.	259 2.6	0. 32.	30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	408 2.6	0. 32.	17
57	2 "	AG211726.603838.211805.603889.	0. 12.	1	
	58 32 4. 408 28.3 1863 2 3				
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	466 2.6	0. 32.	35
59	1 "	AG211500.603713.210937.603394.	491 2.8	0. 32.	17
60	2 " Q	AG210962.603409.211025.603444.	0. 12.	1	
	90 5 2. 1 28.3 1750 3 3				
61	1 80 WB	AG210937.603394.210562.603186.	351 2.6	0. 32.	35
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	184 2.6	0. 44.	35
63	1 "	AG210667.603227.210778.603284.	184 2.6	0. 44.	35
64	1 "	AG210778.603284.210850.603300.	30 2.6	0. 44.	35
65	1 "	AG210850.603300.210918.603294.	30 2.8	0. 44.	17
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90 5 2. 1 115.7 1750 3 3				
67	1 "	AG210918.603294.210980.603262.	30 2.6	0. 44.	35
68	1 80EB @ SB RP TL	AG210778.603284.210830.603323.	299 2.6	0. 44.	35
69	1 "	AG210830.603323.210939.603387.	299 2.8	0. 44.	17
70	2 " Q	AG210915.603373.210841.603330.	0. 24.	2	
	90 5 2. 2 28.3 1750 1 3				
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	299 2.6	0. 44.	35
72	1 "	AG211180.603518.211557.603727.	304 2.6	0. 44.	35
73	1 "	AG211557.603727.211989.603968.	304 2.6	0. 44.	35
70	2 eb left Q	AG210915.603373.210841.603330.	0. 12.	1	
	58 23 4. 114 28.3 1770 2 3				
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	58 27 4. 190 28.3 1855 2 3				
74	1 80 EB	AG211989.603968.212305.604152.	522 2.6	0. 44.	35
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	222 2.6	0. 32.	30
76	1 "	AG211024.603189.211087.603149.	222 2.6	0. 32.	30
77	1 "	AG211087.603149.211145.603140.	222 2.6	0. 32.	30
78	1 "	AG211145.603140.211440.603144.	222 2.6	0. 32.	30
79	1 "	AG211440.603144.211499.603163.	222 2.6	0. 32.	30
80	1 "	AG211499.603163.211594.603223.	222 2.6	0. 32.	30
81	1 "	AG211594.603223.211664.603235.	222 2.6	0. 32.	30
82	1 "	AG211664.603235.211775.603212.	222 2.6	0. 32.	30
83	1 I-270 NB	AG210521.603943.209400.604253.	3470 3.6	0. 44.	56
84	1 "	AG209400.604253.208836.604494.	3470 3.6	0. 44.	56
85	1 "	AG208836.604494.208166.604895.	3470 3.6	0. 44.	56
86	1 "	AG208166.604895.207724.605289.	3470 3.6	0. 44.	56
87	1 I-270 SB	AG207646.605231.208105.604843.	2194 3.8	0. 44.	61
88	1 "	AG208105.604843.208804.604420.	2194 3.8	0. 44.	61
89	1 "	AG208804.604420.209380.604177.	2194 3.8	0. 44.	61

			S23EXP.DAT			
90	1 "	AG209380.604177.210495.603858.	2194	3.8	0.44.	61
91	1 I-270 NB	AG207724.605289.207503.605510.	3470	3.6	0.44.	56
92	1 "	AG207503.605510.207122.605997.	3470	3.6	0.44.	56
93	1 "	AG207122.605997.206735.606587.	3470	3.6	0.44.	56
94	1 I-270 SB	AG206638.606543.206943.606090.	2194	3.8	0.44.	61
95	1 "	AG206943.606090.207418.605459.	2194	3.8	0.44.	61
96	1 "	AG207418.605459.207644.605229.	2194	3.8	0.44.	61
1.0000041000.000.0Y005000072						

JOB: EX 270&80 RAMPS (S23EXP.DAT)
DATE: 12/14/2006 TIME: 13:29:01.61

RUN: SITE 23 EX I270&80RAMPS PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	3556.	3.6	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	3556.	3.6	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	3556.	3.6	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	3556.	3.6	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	3186.	3.6	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	3186.	3.6	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	3470.	3.6	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	370.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	370.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	370.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	370.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	370.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	370.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	370.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	370.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	317.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211638.9	603913.3	* 80.	331. AG	99. 100.0	.0	24.0	.96	4.0	
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	53.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	53.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211581.1	603783.2	* 0.	30. AG	50. 100.0	.0	12.0	.01	.0	
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	58.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2194.	3.8	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2194.	3.8	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2194.	3.8	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	1992.	3.8	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	1992.	3.8	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	2214.	3.8	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	202.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	202.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	202.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	202.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	202.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	202.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	202.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	52.	2.8	.0	32.0		
36. 36 NB80RMPLT	* 210952.0	603364.0	210952.2	603363.6	* 0.	151. AG	62. 100.0	.0	12.0	.01	.0	
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	150.	2.8	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	150.	2.6	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62. 100.0	.0	12.0	.01	.0	
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	150.	2.6	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	558.	2.6	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	558.	2.6	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	145.	2.6	.0	32.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	145.	2.6	.0	32.0		

JOB: EX 270&80 RAMPS (S23EXP.DAT)
DATE: 12/14/2006 TIME: 13:29:01.61

RUN: SITE 23 EX I270&80RAMPS PM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	7. 100.0	.0	12.0	.00	.0	
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	259.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	259.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	259.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	259.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	259.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	259.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	259.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	259.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	259.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	259.	2.6	.0	32.0		
56. 56 80W THRU @NBOFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	408.	2.6	.0	32.0		
57. 57 "	* 211726.0	603838.0	212801.3	604532.3	* 1280.	57. AG	42. 100.0	.0	12.0	1.37	65.0	
58. 58 80WB TO SBOFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	466.	2.6	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	491.	2.8	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	210962.0	603409.0	* 0.	70. AG	4. 100.0	.0	12.0	.00	.0	
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	351.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	184.	2.6	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	184.	2.6	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	30.	2.6	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	30.	2.6	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	17. 100.0	.0	12.0	.00	.0	
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	30.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	299.	2.6	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	299.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8. 100.0	.0	24.0	.00	.0	
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	299.	2.6	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	304.	2.6	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	304.	2.6	.0	44.0		
74. 70 eb left Q	* 210915.0	603373.0	210902.6	603365.8	* 14.	240. AG	30. 100.0	.0	12.0	.30	.7	
75. 70 eb thru Q	* 210915.0	603373.0	210902.9	603366.0	* 14.	240. AG	71. 100.0	.0	24.0	.26	.7	
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	522.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	222.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	222.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	222.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	222.	2.6	.0	32.0		

S23EXP.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	222.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	222.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	222.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	222.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3470.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3470.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3470.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3470.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2194.	3.8	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2194.	3.8	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2194.	3.8	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2194.	3.8	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3470.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3470.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3470.	3.6	.0	44.0

1

PAGE 3

JOB: EX 270&80 RAMPS (S23EXP.DAT) RUN: SITE 23 EX I270&80RAMPS PM
DATE: 12/14/2006 TIME: 13:29:01.61

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	606090.0	*	546.	146. AG	2194.	3.8	.0 44.0
97. 95 "	*	206943.0 606090.0 207418.0	605459.0	*	790.	143. AG	2194.	3.8	.0 44.0
98. 96 "	*	207418.0 605459.0 207644.0	605229.0	*	322.	136. AG	2194.	3.8	.0 44.0

1

PAGE 4

JOB: EX 270&80 RAMPS (S23EXP.DAT) RUN: SITE 23 EX I270&80RAMPS PM
DATE: 12/14/2006 TIME: 13:29:01.61

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	58	38	4.0	317	685	28.30	1 3
20. 20 " Q	*	58	38	4.0	1	750	28.30	1 3
36. 36 " NB80RMPLT	*	90	73	2.0	1	750	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	750	28.30	1 3
45. 45 " Q	*	58	5	2.0	1	750	28.30	1 3
57. 57 " Q	*	58	32	4.0	408	863	28.30	1 3
60. 60 " Q	*	90	5	2.0	1	750	28.30	1 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	115.70	3 3
70. 70 " Q	*	90	5	2.0	2	750	28.30	1 3
74. 70 eb left Q	*	58	23	4.0	114	770	28.30	1 3
75. 70 eb thru Q	*	58	27	4.0	190	855	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Z
1. CRN SB ON	*	210891.0 603267.0	5.0
2. 82' SB ON	*	210829.0 603265.0	5.0
3. 164' SB ON	*	210751.0 603234.0	5.0
4. MID SB ON	*	210664.0 603190.0	5.0
5. MID SB ON NS ROW	*	210617.0 603276.0	5.0
6. 162' SB ON NS ROW	*	210744.0 603330.0	5.0
7. CR SB ON NS ROW	*	210864.0 603396.0	5.0
8. CR SB ON NE	*	210952.0 603444.0	5.0
9. 82' SB ON NE	*	211008.0 603473.0	5.0
10. MID SB ON NE	*	211080.0 603509.0	5.0
11. NB ON CRN SS	*	211768.0 603820.0	5.0
12. NB ON 82' SS	*	211813.0 603846.0	5.0
13. NB 164' SS	*	211916.0 603904.0	5.0
14. NB MID SS	*	212135.0 604030.0	5.0
15. NB ON MID	*	211908.0 603986.0	5.0
16. NB ON 164'	*	211812.0 603942.0	5.0
17. NB ON CRN	*	211720.0 603937.0	5.0

1

PAGE 5

JOB: EX 270&80 RAMPS (S23EXP.DAT) RUN: SITE 23 EX I270&80RAMPS PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.2	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.2	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.2	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.2	.1	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.1	.1	.1	.0
65.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.1	.1	.1
70.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.1	.1	.1	.1

S23EXP.OUT

75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.0	.1	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.1	.1	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.1	.1	.1
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1

1

JOB: EX 270&80 RAMPS (S23EXP.DAT)

RUN: SITE 23 EX I270&80RAMPS PM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2
225.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.2
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.1	.1
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.1
260.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0
310.	*	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.1	.1	.1	.0	.0	.0
315.	*	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0
320.	*	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0
325.	*	.0	.0	.1	.0	.1	.1	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0
330.	*	.0	.0	.0	.0	.1	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0
335.	*	.0	.0	.0	.0	.1	.0	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.2	.2	.0	.2	.1	.1	.1	.1	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.0	.0	.0
MAX DEGR.	*	.1	.1	.1	.0	.1	.1	.2	.2	.2	.3	.2	.2	.1	.2	.1	.2	.2

THE HIGHEST CONCENTRATION IS .30 PPM AT 75 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 350 DEGREES FROM REC7.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 20 DEGREES FROM REC8.

1

JOB: EX 270&80 RAMPS (S23EXP.DAT)
 DATE: 12/14/2006 TIME: 13:29:01.61

RUN: SITE 23 EX I270&80RAMPS PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NB 270&80 RAMPS (S23NB15A.DAT)			S23NB15A.DAT		
			60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891.	603267.	5.0		
82' SB ON	210829.	603265.	5.0		
164' SB ON	210751.	603234.	5.0		
MID SB ON	210664.	603190.	5.0		
MID SB ON NS ROW	210617.	603276.	5.0		
162' SB ON NS ROW	210744.	603330.	5.0		
CR SB ON NS ROW	210864.	603396.	5.0		
CR SB ON NE	210952.	603444.	5.0		
82' SB ON NE	211008.	603473.	5.0		
MID SB ON NE	211080.	603509.	5.0		
NB ON CRN SS	211768.	603820.	5.0		
NB ON 82' SS	211813.	603846.	5.0		
NB 164' SS	211916.	603904.	5.0		
NB MID SS	212135.	604030.	5.0		
NB ON MID	211908.	603986.	5.0		
NB ON 164'	211812.	603942.	5.0		
NB ON CRN	211720.	603937.	5.0		
SITE 23 NB I270&80RAMPS AM			98 1 1		
1 I-270 NB	AG212123.602857.211994.603067.		1825 4.3 0. 44.	58	
2 "	AG211994.603067.211815.603289.		1825 4.3 0. 44.	58	
3 "	AG211815.603289.211559.603515.		1825 4.3 0. 44.	58	
4 "	AG211559.603515.211253.603705.		1825 4.3 0. 44.	58	
5 "	AG211253.603705.210964.603808.		1825 4.3 0. 44.	58	
6 "	AG210964.603808.210632.603909.		1825 4.3 0. 44.	58	
7 "	AG210632.603909.210521.603943.		1825 4.3 0. 44.	58	
8 NB OFF TO 80	AG211253.603705.211126.603793.		175 3.0 0. 32.	30	
9 "	AG211126.603793.211096.603870.		175 3.0 0. 32.	30	
10 "	AG211096.603870.211099.603928.		175 3.0 0. 32.	30	
11 "	AG211099.603928.211132.603985.		175 3.0 0. 32.	30	
12 "	AG211132.603985.211202.604026.		175 3.0 0. 32.	30	
13 "	AG211202.604026.211506.604039.		175 3.0 0. 32.	30	
14 "	AG211506.604039.211574.604009.		175 3.0 0. 32.	30	
15 "	AG211574.604009.211619.603949.		175 3.0 0. 32.	30	
16 NB OFF LEFT	AG211619.603949.211694.603814.		150 3.0 0. 44.	30	
17 " 130	Q AG211678.603844.211643.603906.		0. 24. 2		
	112 4. 150 33.4 1681 2 3				
18 NB OFF RIGHT	AG211619.603949.211622.603852.		25 3.0 0. 32.	30	
19 "	AG211622.603852.211576.603776.		25 3.0 0. 32.	30	
20 " 130	Q AG211581.603783.211619.603846.		0. 12. 1		
	112 4. 25 33.4 1583 2 3				
21 "	AG211576.603776.211500.603713.		25 3.0 0. 32.	30	
22 I-270 SB	AG210496.603858.210975.603725.		3475 3.1 0. 44.	35	
23 "	AG210975.603725.211238.603621.		3475 3.1 0. 44.	35	
24 "	AG211238.603621.211517.603438.		3475 3.1 0. 44.	35	
25 "	AG211517.603438.211675.603313.		3475 3.1 0. 44.	35	
26 "	AG211675.603313.211775.603212.		3475 3.1 0. 44.	35	
27 "	AG211775.603212.212061.602812.		3475 3.1 0. 44.	35	
28 270SB OFF TO 80	AG211517.603438.211562.603334.		1200 3.0 0. 32.	30	
29 "	AG211562.603334.211547.603254.		1200 3.0 0. 32.	30	
30 "	AG211547.603254.211495.603196.		1200 3.0 0. 32.	30	
31 "	AG211495.603196.211437.603174.		1200 3.0 0. 32.	30	
32 "	AG211437.603174.211134.603171.		1200 3.0 0. 32.	30	
33 "	AG211134.603171.211056.603197.		1200 3.0 0. 32.	30	
34 "	AG211056.603197.211000.603280.		1200 3.0 0. 32.	30	
35 SB OFFSPLIT T080	AG211000.603280.210939.603387.		425 3.0 0. 32.	30	
36 " 70	NB80RMLT AG210952.603364.210991.603296.		0. 12. 1		
	45 2. 425 33.4 1770 1 3				
37 SB OFFSPLIT T080	AG211000.603280.211006.603365.		1 3.0 0. 32.	30	
38 "	AG211006.603365.211042.603414.		1 3.0 0. 32.	30	
39 " 70	AG211039.603409.211008.603368.		0. 12. 1		
	45 2. 1 33.4 1750 3 3				
40 "	AG211042.603414.211180.603518.		1 3.0 0. 32.	30	
41 WB 80	AG212296.604166.211969.603976.		750 3.3 0. 44.	40	

S23NB15A.DAT

42	"	AG211969.603976.211863.603927.	750 3.3	0. 44.	40
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	525 3.3	0. 44.	40
44	1 "	AG211763.603900.211658.603923.	525 3.3	0. 44.	40
45	2 "	AG211700.603914.211755.603901.	0. 12.	1	
	70 23 2. 1 33.4 1750 1 3				
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	525 3.3	0. 44.	40
47	1 I-270 NB ON	AG211599.604013.211532.604055.	525 3.0	0. 32.	30
48	1 "	AG211532.604055.211438.604062.	525 3.0	0. 32.	30
49	1 "	AG211438.604062.211206.604048.	525 3.0	0. 32.	30
50	1 "	AG211206.604048.211148.604025.	525 3.0	0. 32.	30
51	1 "	AG211148.604025.211083.603964.	525 3.0	0. 32.	30
52	1 "	AG211083.603964.211022.603890.	525 3.0	0. 32.	30
53	1 "	AG211022.603890.210965.603858.	525 3.0	0. 32.	30
54	1 "	AG210965.603858.210905.603856.	525 3.0	0. 32.	30
55	1 "	AG210905.603856.210632.603909.	525 3.0	0. 32.	30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	325 3.0	0. 32.	17
57	2 "	AG211726.603838.211805.603889.	0. 12.	1	
	130 26 4. 325 33.4 1863 2 3				
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	350 3.3	0. 44.	40
59	1 "	AG211500.603713.210937.603394.	425 3.3	0. 44.	40
60	2 " Q	AG210962.603409.211025.603444.	0. 12.	1	
	130 1 2. 425 33.4 1583 3 3				
61	1 80 WB	AG210937.603394.210562.603186.	475 3.3	0. 44.	40
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	450 3.3	0. 44.	40
63	1 "	AG210667.603227.210778.603284.	450 3.3	0. 44.	40
64	1 "	AG210778.603284.210850.603300.	450 11.5	0. 44.	35
65	1 "	AG210850.603300.210918.603294.	450 3.3	0. 44.	40
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	70 23 2. 450 33.4 1863 3 3				
67	1 "	AG210918.603294.210980.603262.	450 3.3	0. 44.	40
68	1 80WB @ SB RP TL	AG210778.603284.210830.603323.	350 3.3	0. 44.	40
69	1 "	AG210830.603323.210939.603387.	350 3.3	0. 44.	40
70	2 " Q	AG210915.603373.210841.603330.	0. 24.	2	
	70 23 2. 350 33.4 749 1 3				
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	1225 3.3	0. 44.	40
72	1 "	AG211180.603518.211557.603727.	1225 3.3	0. 44.	40
73	1 "	AG211557.603727.211989.603968.	1225 3.3	0. 44.	40
70	2 eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	130 15 4. 1 33.4 712 2 3				
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	130 15 4. 1225 29.1 1405 2 3				
74	1 80 EB	AG211989.603968.212305.604152.	1275 3.3	0. 44.	40
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	400 3.0	0. 32.	30
76	1 "	AG211024.603189.211087.603149.	400 3.0	0. 32.	30
77	1 "	AG211087.603149.211145.603140.	400 3.0	0. 32.	30
78	1 "	AG211145.603140.211440.603144.	400 3.0	0. 32.	30
79	1 "	AG211440.603144.211499.603163.	400 3.0	0. 32.	30
80	1 "	AG211499.603163.211594.603223.	400 3.0	0. 32.	30
81	1 "	AG211594.603223.211664.603235.	400 3.0	0. 32.	30
82	1 "	AG211664.603235.211775.603212.	400 3.0	0. 32.	30
83	1 I-270 NB	AG210521.603943.209400.604253.	2175 4.2	0. 44.	56
84	1 "	AG209400.604253.208836.604494.	2175 4.2	0. 44.	56
85	1 "	AG208836.604494.208166.604895.	2175 4.2	0. 44.	56
86	1 "	AG208166.604895.207724.605289.	2175 4.2	0. 44.	56
87	1 I-270 SB	AG207646.605231.208105.604843.	4775 3.1	0. 44.	35
88	1 "	AG208105.604843.208804.604420.	4775 3.1	0. 44.	35
89	1 "	AG208804.604420.209380.604177.	4775 3.1	0. 44.	35

S23NB15A.DAT					
90	1	"	AG209380.604177.210495.603858.	4775 3.1 0. 44.	35
91	1	I-270 NB	AG207724.605289.207503.605510.	2175 4.2 0. 44.	56
92	1	"	AG207503.605510.207122.605997.	2175 4.2 0. 44.	56
93	1	"	AG207122.605997.206735.606587.	2175 4.2 0. 44.	56
94	1	I-270 SB	AG206638.606543.206943.606090.	4775 3.1 0. 44.	35
95	1	"	AG206943.606090.207418.605459.	4775 3.1 0. 44.	35
96	1	"	AG207418.605459.207644.605229.	4775 3.1 0. 44.	35
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: NB 270&80 RAMPS (S23NB15A.DAT)
DATE: 01/19/2007 TIME: 23:20:04.03

RUN: SITE 23 NB I270&80RAMPS AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 I-270 NB	*	212123.0 602857.0	211994.0 603067.0	*	246. 328. AG	1825. 4.3	.0 44.0			
2. 2 "	*	211994.0 603067.0	211815.0 603289.0	*	285. 321. AG	1825. 4.3	.0 44.0			
3. 3 "	*	211815.0 603289.0	211559.0 603515.0	*	341. 311. AG	1825. 4.3	.0 44.0			
4. 4 "	*	211559.0 603515.0	211253.0 603705.0	*	360. 302. AG	1825. 4.3	.0 44.0			
5. 5 "	*	211253.0 603705.0	210964.0 603808.0	*	307. 290. AG	1825. 4.3	.0 44.0			
6. 6 "	*	210964.0 603808.0	210632.0 603909.0	*	347. 287. AG	1825. 4.3	.0 44.0			
7. 7 "	*	210632.0 603909.0	210521.0 603943.0	*	116. 287. AG	1825. 4.3	.0 44.0			
8. 8 NB OFF TO 80	*	211253.0 603705.0	211126.0 603793.0	*	155. 305. AG	175. 3.0	.0 32.0			
9. 9 "	*	211126.0 603793.0	211096.0 603870.0	*	83. 339. AG	175. 3.0	.0 32.0			
10. 10 "	*	211096.0 603870.0	211099.0 603928.0	*	58. 3. AG	175. 3.0	.0 32.0			
11. 11 "	*	211099.0 603928.0	211132.0 603985.0	*	66. 30. AG	175. 3.0	.0 32.0			
12. 12 "	*	211132.0 603985.0	211202.0 604026.0	*	81. 60. AG	175. 3.0	.0 32.0			
13. 13 "	*	211202.0 604026.0	211506.0 604039.0	*	304. 88. AG	175. 3.0	.0 32.0			
14. 14 "	*	211506.0 604039.0	211574.0 604009.0	*	74. 114. AG	175. 3.0	.0 32.0			
15. 15 "	*	211574.0 604009.0	211619.0 603949.0	*	75. 143. AG	175. 3.0	.0 32.0			
16. 16 NB OFF LEFT	*	211619.0 603949.0	211694.0 603814.0	*	154. 151. AG	150. 3.0	.0 44.0			
17. 17 " Q	*	211678.0 603844.0	211655.4 603884.0	*	46. 331. AG	154. 100.0	.0 24.0	.48	2.3	
18. 18 NB OFF RIGHT	*	211619.0 603949.0	211622.0 603852.0	*	97. 178. AG	25. 3.0	.0 32.0			
19. 19 "	*	211622.0 603852.0	211576.0 603776.0	*	89. 211. AG	25. 3.0	.0 32.0			
20. 20 " Q	*	211581.0 603783.0	211588.9 603796.1	*	15. 31. AG	77. 100.0	.0 12.0	.17	.8	
21. 21 "	*	211576.0 603776.0	211500.0 603713.0	*	99. 230. AG	25. 3.0	.0 32.0			
22. 22 I-270 SB	*	210496.0 603858.0	210975.0 603725.0	*	497. 106. AG	3475. 3.1	.0 44.0			
23. 23 "	*	210975.0 603725.0	211238.0 603621.0	*	283. 112. AG	3475. 3.1	.0 44.0			
24. 24 "	*	211238.0 603621.0	211517.0 603438.0	*	334. 123. AG	3475. 3.1	.0 44.0			
25. 25 "	*	211517.0 603438.0	211675.0 603313.0	*	201. 128. AG	3475. 3.1	.0 44.0			
26. 26 "	*	211675.0 603313.0	211775.0 603212.0	*	142. 135. AG	3475. 3.1	.0 44.0			
27. 27 "	*	211775.0 603212.0	212061.0 603212.0	*	492. 144. AG	3475. 3.1	.0 44.0			
28. 28 270SB OFF TO 80	*	211517.0 603438.0	211562.0 603334.0	*	113. 157. AG	1200. 3.0	.0 32.0			
29. 29 "	*	211562.0 603334.0	211547.0 603254.0	*	81. 191. AG	1200. 3.0	.0 32.0			
30. 30 "	*	211547.0 603254.0	211495.0 603196.0	*	78. 222. AG	1200. 3.0	.0 32.0			
31. 31 "	*	211495.0 603196.0	211437.0 603174.0	*	62. 249. AG	1200. 3.0	.0 32.0			
32. 32 "	*	211437.0 603174.0	211134.0 603171.0	*	303. 269. AG	1200. 3.0	.0 32.0			
33. 33 "	*	211134.0 603171.0	211056.0 603197.0	*	82. 288. AG	1200. 3.0	.0 32.0			
34. 34 "	*	211056.0 603197.0	211000.0 603280.0	*	100. 326. AG	1200. 3.0	.0 32.0			
35. 35 SB OFFSPLIT T080	*	211000.0 603280.0	210939.0 603387.0	*	123. 330. AG	425. 3.0	.0 32.0			
36. 36 NB80RMLT	*	210952.0 603364.0	211010.1 603262.9	*	117. 150. AG	58. 100.0	.0 12.0	.80	5.9	
37. 37 SB OFFSPLIT T080	*	211000.0 603280.0	211006.0 603365.0	*	85. 4. AG	1. 3.0	.0 32.0			
38. 38 "	*	211006.0 603365.0	211042.0 603414.0	*	61. 36. AG	1. 3.0	.0 32.0			
39. 39 "	*	211039.0 603409.0	211038.8 603408.8	*	0. 219. AG	58. 100.0	.0 12.0	.00	.0	
40. 40 "	*	211042.0 603414.0	211180.0 603518.0	*	173. 53. AG	1. 3.0	.0 32.0			
41. 41 WB 80	*	212296.0 604166.0	211969.0 603976.0	*	378. 240. AG	750. 3.3	.0 44.0			
42. 42 "	*	211969.0 603976.0	211863.0 603927.0	*	117. 245. AG	750. 3.3	.0 44.0			
43. 43 RT ON FR 80W	*	211863.0 603927.0	211763.0 603900.0	*	104. 255. AG	525. 3.3	.0 44.0			
44. 44 "	*	211763.0 603900.0	211658.0 603923.0	*	107. 282. AG	525. 3.3	.0 44.0			

JOB: NB 270&80 RAMPS (S23NB15A.DAT)
DATE: 01/19/2007 TIME: 23:20:04.03

RUN: SITE 23 NB I270&80RAMPS AM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45 "	*	211700.0 603914.0	211700.1 603913.9	*	0. 90. AG	29. 100.0	.0 12.0	.00	.0	
46. 46 80 ON TO NB270	*	211658.0 603923.0	211599.0 604013.0	*	108. 327. AG	525. 3.3	.0 44.0			
47. 47 I-270 NB ON	*	211599.0 604013.0	211532.0 604055.0	*	79. 302. AG	525. 3.0	.0 32.0			
48. 48 "	*	211532.0 604055.0	211438.0 604062.0	*	94. 274. AG	525. 3.0	.0 32.0			
49. 49 "	*	211438.0 604062.0	211206.0 604048.0	*	232. 267. AG	525. 3.0	.0 32.0			
50. 50 "	*	211206.0 604048.0	211148.0 604025.0	*	62. 248. AG	525. 3.0	.0 32.0			
51. 51 "	*	211148.0 604025.0	211083.0 603964.0	*	89. 227. AG	525. 3.0	.0 32.0			
52. 52 "	*	211083.0 603964.0	211022.0 603890.0	*	96. 219. AG	525. 3.0	.0 32.0			
53. 53 "	*	211022.0 603890.0	210965.0 603858.0	*	65. 241. AG	525. 3.0	.0 32.0			
54. 54 "	*	210965.0 603858.0	210905.0 603856.0	*	60. 268. AG	525. 3.0	.0 32.0			
55. 55 "	*	210905.0 603856.0	210632.0 603909.0	*	278. 281. AG	525. 3.0	.0 32.0			
56. 56 80W THRU @NBOFF	*	211863.0 603927.0	211704.0 603824.0	*	189. 237. AG	325. 3.0	.0 32.0			
57. 57 "	*	211726.0 603838.0	211764.8 603863.1	*	46. 57. AG	18. 100.0	.0 12.0	.23	2.3	
58. 58 80WB TO SBOFF	*	211704.0 603824.0	211500.0 603713.0	*	232. 241. AG	350. 3.3	.0 44.0			
59. 59 "	*	211500.0 603713.0	210937.0 603394.0	*	647. 240. AG	425. 3.3	.0 44.0			
60. 60 " Q	*	210962.0 603409.0	210964.0 603410.1	*	2. 61. AG	1. 100.0	.0 12.0	.28	.1	
61. 61 80 WB	*	210937.0 603394.0	210562.0 603186.0	*	429. 241. AG	475. 3.3	.0 44.0			
62. 62 80EB NEAR SB RP	*	210570.0 603172.0	210667.0 603227.0	*	112. 60. AG	450. 3.3	.0 44.0			
63. 63 "	*	210667.0 603227.0	210778.0 603284.0	*	125. 63. AG	450. 3.3	.0 44.0			
64. 64 "	*	210778.0 603284.0	210850.0 603300.0	*	74. 77. AG	450. 11.5	.0 44.0			
65. 65 "	*	210850.0 603300.0	210918.0 603294.0	*	68. 95. AG	450. 3.3	.0 44.0			
66. 66 80EB @ SB RP RT	*	210907.0 603295.0	210850.6 603299.2	*	57. 274. AG	29. 100.0	.0 12.0	.39	2.9	
67. 67 "	*	210918.0 603294.0	210980.0 603262.0	*	70. 117. AG	450. 3.3	.0 44.0			
68. 68 80WB @ SB RP TL	*	210778.0 603284.0	210830.0 603323.0	*	65. 53. AG	350. 3.3	.0 44.0			
69. 69 "	*	210830.0 603323.0	210939.0 603387.0	*	126. 60. AG	350. 3.3	.0 44.0			
70. 70 " Q	*	210915.0 603373.0	210896.0 603361.9	*	22. 240. AG	59. 100.0	.0 24.0	.38	1.1	
71. 71 80EB @ NB RP	*	210939.0 603387.0	211180.0 603518.0	*	274. 61. AG	1225. 3.3	.0 44.0			
72. 72 "	*	211180.0 603518.0	211557.0 603727.0	*	431. 61. AG	1225. 3.3	.0 44.0			
73. 73 "	*	211557.0 603727.0	211989.0 603968.0	*	495. 61. AG	1225. 3.3	.0 44.0			
74. 74 eb r Q	*	210915.0 603373.0	210914.9 603373.0	*	0. 250. AG	10. 100.0	.0 12.0	.0		
75. 75 eb thru Q	*	210915.0 603373.0	210871.6 603347.8	*	50. 240. AG	18. 100.0	.0 24.0	.52	2.5	
76. 74 80 EB	*	211989.0 603968.0	212305.0 604152.0	*	366. 60. AG	1275. 3.3	.0 44.0			
77. 75 80 ON TO 270SB	*	210980.0 603262.0	211024.0 603189.0	*	85. 149. AG	400. 3.0	.0 32.0			
78. 76 "	*	211024.0 603189.0	211087.0 603149.0	*	75. 122. AG	400. 3.0	.0 32.0			
79. 77 "	*	211087.0 603149.0	211145.0 603140.0	*	59. 99. AG	400. 3.0	.0 32.0			
80. 78 "	*	211145.0 603140.0	211440.0 603144.0	*	295. 89. AG	400. 3.0	.0 32.0			

S23NB15A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	400.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	400.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	400.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	400.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2175.	4.2	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2175.	4.2	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2175.	4.2	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2175.	4.2	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	4775.	3.1	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	4775.	3.1	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	4775.	3.1	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	4775.	3.1	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2175.	4.2	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2175.	4.2	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2175.	4.2	.0	44.0

1

JOB: NB 270&80 RAMPS (S23NB15A.DAT)
DATE: 01/19/2007 TIME: 23:20:04.03

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)				
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	4775.	3.1	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	4775.	3.1	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	4775.	3.1	.0	44.0

1

JOB: NB 270&80 RAMPS (S23NB15A.DAT)
DATE: 01/19/2007 TIME: 23:20:04.03

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	130	112	4.0	150	1681	33.40	2 3
20. 20 " Q	*	130	112	4.0	25	1583	33.40	2 3
36. 36 " NB80RMPLT	*	70	45	2.0	425	1770	33.40	1 3
39. 39 " "	*	70	45	2.0	1	1750	33.40	3 3
45. 45 " "	*	70	23	2.0	1	1750	33.40	1 3
57. 57 " "	*	130	26	4.0	325	1863	33.40	2 3
60. 60 " Q	*	130	1	2.0	425	1583	33.40	3 3
66. 66 80EB @ SB RP RT	*	70	23	2.0	450	1863	33.40	3 3
70. 70 " Q	*	70	23	2.0	350	749	33.40	1 3
74. 70 eb r Q	*	130	15	4.0	1	712	33.40	2 3
75. 70 eb thru Q	*	130	15	4.0	1225	1405	29.10	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Z	
1. CRN SB ON	*	210891.0	603267.0	5.0
2. 82' SB ON	*	210829.0	603265.0	5.0
3. 164' SB ON	*	210751.0	603234.0	5.0
4. MID SB ON	*	210664.0	603190.0	5.0
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0
8. CR SB ON NE	*	210952.0	603444.0	5.0
9. 82' SB ON NE	*	211008.0	603473.0	5.0
10. MID SB ON NE	*	211080.0	603509.0	5.0
11. NB ON CRN SS	*	211768.0	603820.0	5.0
12. NB ON 82' SS	*	211813.0	603846.0	5.0
13. NB 164' SS	*	211916.0	603904.0	5.0
14. NB MID SS	*	212135.0	604030.0	5.0
15. NB ON MID	*	211908.0	603986.0	5.0
16. NB ON 164'	*	211812.0	603942.0	5.0
17. NB ON CRN	*	211720.0	603937.0	5.0

1

JOB: NB 270&80 RAMPS (S23NB15A.DAT)

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.1	.2	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0
5.	*	.1	.1	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0
10.	*	.0	.1	.0	.0	.0	.1	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
15.	*	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
20.	*	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.3	.0	.0	.0
25.	*	.0	.1	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
30.	*	.0	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
35.	*	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
40.	*	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0
45.	*	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.4	.3	.0	.0	.0
50.	*	.0	.1	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.4	.3	.0	.0	.0
55.	*	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.2	.0	.0	.0
60.	*	.1	.0	.1	.0	.0	.0	.0	.0	.3	.2	.2	.2	.2	.2	.0	.0	.0
65.	*	.0	.0	.1	.0	.0	.0	.1	.2	.2	.4	.1	.1	.2	.1	.2	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.1	.2	.1	.2	.1	.0

S23NB15A.OUT

75.	*	.0	.0	.0	.0	.0	.1	.3	.4	.5	.1	.1	.1	.2	.1	.0
80.	*	.0	.0	.0	.0	.0	.1	.3	.3	.5	.1	.1	.0	.1	.2	.1
85.	*	.0	.0	.0	.0	.0	.1	.3	.3	.4	.0	.0	.0	.2	.2	.0
90.	*	.0	.0	.0	.0	.0	.1	.2	.3	.3	.0	.0	.0	.2	.2	.0
95.	*	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.1	.1	.1
100.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.2	.1	.1
105.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2	.1	.1
110.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2	.1	.1
115.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.2	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.2	.2	.1
130.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.1
135.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.1
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2	.2	.2
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2	.2	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.2
165.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.2
170.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.2
175.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2
195.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.3
200.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.3
205.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.2	.2	.3

1

JOB: NB 270&80 RAMPS (S23NB15A.DAT)

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.0	.0	.0	.0	.2	.2	.2
215.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0	.2	.2	.2
220.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.1	.1	.2	.2	.2
225.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.2
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.1	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.1	.1
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.1
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
265.	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
270.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0
275.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
280.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
285.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.3	.0	.0	.0
290.	*	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.3	.0	.0	.0
295.	*	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.3	.0	.0	.0
300.	*	.1	.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0
305.	*	.2	.2	.0	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0
310.	*	.2	.2	.1	.0	.1	.1	.1	.1	.2	.1	.2	.1	.2	.2	.0	.0	.0
315.	*	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
320.	*	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
325.	*	.1	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
330.	*	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
335.	*	.1	.2	.0	.1	.1	.0	.1	.1	.1	.2	.1	.1	.2	.2	.0	.0	.0
340.	*	.1	.2	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
345.	*	.2	.2	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0
350.	*	.2	.3	.0	.0	.0	.1	.1	.1	.0	.2	.1	.1	.2	.2	.0	.0	.0
355.	*	.1	.2	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.2	.2	.0	.0	.0
360.	*	.1	.2	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0
MAX DEGR.	*	.2	.3	.1	.1	.1	.0	.2	.3	.4	.5	.3	.3	.4	.4	.2	.2	.3

THE HIGHEST CONCENTRATION IS .50 PPM AT 75 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 70 DEGREES FROM REC9.
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 45 DEGREES FROM REC13.

1

JOB: NB 270&80 RAMPS (S23NB15A.DAT)

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 7

DATE: 01/19/2007 TIME: 23:20:04.03

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

NB 270&80 RAMPS (S23NB15P.DAT)			S23NB15P.DAT		
			60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891.	603267.	5.0		
82' SB ON	210829.	603265.	5.0		
164' SB ON	210751.	603234.	5.0		
MID SB ON	210664.	603190.	5.0		
MID SB ON NS ROW	210617.	603276.	5.0		
162' SB ON NS ROW	210744.	603330.	5.0		
CR SB ON NS ROW	210864.	603396.	5.0		
CR SB ON NE	210952.	603444.	5.0		
82' SB ON NE	211008.	603473.	5.0		
MID SB ON NE	211080.	603509.	5.0		
NB ON CRN SS	211768.	603820.	5.0		
NB ON 82' SS	211813.	603846.	5.0		
NB 164' SS	211916.	603904.	5.0		
NB MID SS	212135.	604030.	5.0		
NB ON MID	211908.	603986.	5.0		
NB ON 164'	211812.	603942.	5.0		
NB ON CRN	211720.	603937.	5.0		
SITE 23 NB I270&80RAMPS PM			98 1 1		
1 I-270 NB	AG212123.602857.211994.603067.		4150 3.1 0. 44.	35	
2 "	AG211994.603067.211815.603289.		4150 3.1 0. 44.	35	
3 "	AG211815.603289.211559.603515.		4150 3.1 0. 44.	35	
4 "	AG211559.603515.211253.603705.		4150 3.1 0. 44.	35	
5 "	AG211253.603705.210964.603808.		4150 3.1 0. 44.	35	
6 "	AG210964.603808.210632.603909.		4150 3.1 0. 44.	35	
7 "	AG210632.603909.210521.603943.		4150 3.1 0. 44.	35	
8 NB OFF TO 80	AG211253.603705.211126.603793.		300 3.0 0. 32.	30	
9 "	AG211126.603793.211096.603870.		300 3.0 0. 32.	30	
10 "	AG211096.603870.211099.603928.		300 3.0 0. 32.	30	
11 "	AG211099.603928.211132.603985.		300 3.0 0. 32.	30	
12 "	AG211132.603985.211202.604026.		300 3.0 0. 32.	30	
13 "	AG211202.604026.211506.604039.		300 3.0 0. 32.	30	
14 "	AG211506.604039.211574.604009.		300 3.0 0. 32.	30	
15 "	AG211574.604009.211619.603949.		300 3.0 0. 32.	30	
16 NB OFF LEFT	AG211619.603949.211694.603814.		225 3.0 0. 44.	30	
17 " 90	Q AG211678.603844.211643.603906.		0. 24. 2		
	72 4. 225 33.4 1681 2 3				
18 NB OFF RIGHT	AG211619.603949.211622.603852.		75 3.0 0. 32.	30	
19 "	AG211622.603852.211576.603776.		75 3.0 0. 32.	30	
20 " 90	Q AG211581.603783.211619.603846.		0. 12. 1		
	72 4. 75 33.4 1583 2 3				
21 "	AG211576.603776.211500.603713.		75 3.0 0. 32.	30	
22 I-270 SB	AG210496.603858.210975.603725.		2025 4.3 0. 44.	58	
23 "	AG210975.603725.211238.603621.		2025 4.3 0. 44.	58	
24 "	AG211238.603621.211517.603438.		2025 4.3 0. 44.	58	
25 "	AG211517.603438.211675.603313.		2025 4.3 0. 44.	58	
26 "	AG211675.603313.211775.603212.		2025 4.3 0. 44.	58	
27 "	AG211775.603212.212061.602812.		2025 4.3 0. 44.	58	
28 270SB OFF TO 80	AG211517.603438.211562.603334.		400 3.0 0. 32.	30	
29 "	AG211562.603334.211547.603254.		400 3.0 0. 32.	30	
30 "	AG211547.603254.211495.603196.		400 3.0 0. 32.	30	
31 "	AG211495.603196.211437.603174.		400 3.0 0. 32.	30	
32 "	AG211437.603174.211134.603171.		400 3.0 0. 32.	30	
33 "	AG211134.603171.211056.603197.		400 3.0 0. 32.	30	
34 "	AG211056.603197.211000.603280.		400 3.0 0. 32.	30	
35 SB OFFSPLIT T080	AG211000.603280.210939.603387.		100 3.0 0. 32.	30	
36 NB80RMPLT 60	AG210952.603364.210991.603296.		0. 12. 1		
	46 2. 100 33.4 1770 1 3				
37 SB OFFSPLIT T080	AG211000.603280.211006.603365.		1 3.0 0. 32.	30	
38 "	AG211006.603365.211042.603414.		1 3.0 0. 32.	30	
39 " 60	AG211039.603409.211008.603368.		0. 12. 1		
	46 2. 1 33.4 1750 3 3				
40 "	AG211042.603414.211180.603518.		1 3.0 0. 32.	30	
41 WB 80	AG212296.604166.211969.603976.		1125 3.3 0. 44.	40	

				S23NB15P.DAT	
42	"	AG211969.603976.211863.603927.	1125 3.3	0. 44.	40
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	700 3.3	0. 44.	40
44	1 "	AG211763.603900.211658.603923.	700 3.3	0. 44.	40
45	2 "	AG211700.603914.211755.603901.	0. 12.	1	
	60 12 2. 1 33.4 1750 1 3				
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	700 3.3	0. 44.	40
47	1 I-270 NB ON	AG211599.604013.211532.604055.	700 3.0	0. 32.	30
48	1 "	AG211532.604055.211438.604062.	700 3.0	0. 32.	30
49	1 "	AG211438.604062.211206.604048.	700 3.0	0. 32.	30
50	1 "	AG211206.604048.211148.604025.	700 3.0	0. 32.	30
51	1 "	AG211148.604025.211083.603964.	700 3.0	0. 32.	30
52	1 "	AG211083.603964.211022.603890.	700 3.0	0. 32.	30
53	1 "	AG211022.603890.210965.603858.	700 3.0	0. 32.	30
54	1 "	AG210965.603858.210905.603856.	700 3.0	0. 32.	30
55	1 "	AG210905.603856.210632.603909.	700 3.0	0. 32.	30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	575 3.0	0. 32.	17
57	2 "	AG211726.603838.211805.603889.	0. 12.	1	
	90 29 4. 575 33.4 1863 2 3				
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	650 3.3	0. 44.	40
59	1 "	AG211500.603713.210937.603394.	550 3.3	0. 44.	40
60	2 " Q	AG210962.603409.211025.603444.	0. 12.	1	
	90 1 2. 550 33.4 1583 3 3				
61	1 80 WB	AG210937.603394.210562.603186.	575 3.3	0. 44.	40
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	300 3.3	0. 44.	40
63	1 "	AG210667.603227.210778.603284.	300 3.3	0. 44.	40
64	1 "	AG210778.603284.210850.603300.	300 11.5	0. 44.	35
65	1 "	AG210850.603300.210918.603294.	300 3.3	0. 44.	40
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	60 12 2. 300 33.4 1863 3 3				
67	1 "	AG210918.603294.210980.603262.	300 3.3	0. 44.	40
68	1 80WB @ SB RP TL	AG210778.603284.210830.603323.	650 3.3	0. 44.	40
69	1 "	AG210830.603323.210939.603387.	650 3.3	0. 44.	40
70	2 " Q	AG210915.603373.210841.603330.	0. 24.	2	
	60 12 2. 650 33.4 1517 1 3				
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	600 3.3	0. 44.	40
72	1 "	AG211180.603518.211557.603727.	600 3.3	0. 44.	40
73	1 "	AG211557.603727.211989.603968.	600 3.3	0. 44.	40
70	2 eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	90 16 4. 1 33.4 712 2 3				
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	90 16 4. 600 33.4 1211 2 3				
74	1 80 EB	AG211989.603968.212305.604152.	675 3.3	0. 44.	40
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	200 3.0	0. 32.	30
76	1 "	AG211024.603189.211087.603149.	200 3.0	0. 32.	30
77	1 "	AG211087.603149.211145.603140.	200 3.0	0. 32.	30
78	1 "	AG211145.603140.211440.603144.	200 3.0	0. 32.	30
79	1 "	AG211440.603144.211499.603163.	200 3.0	0. 32.	30
80	1 "	AG211499.603163.211594.603223.	200 3.0	0. 32.	30
81	1 "	AG211594.603223.211664.603235.	200 3.0	0. 32.	30
82	1 "	AG211664.603235.211775.603212.	200 3.0	0. 32.	30
83	1 I-270 NB	AG210521.603943.209400.604253.	4550 3.1	0. 44.	35
84	1 "	AG209400.604253.208836.604494.	4550 3.1	0. 44.	35
85	1 "	AG208836.604494.208166.604895.	4550 3.1	0. 44.	35
86	1 "	AG208166.604895.207724.605289.	4550 3.1	0. 44.	35
87	1 I-270 SB	AG207646.605231.208105.604843.	2225 4.3	0. 44.	58
88	1 "	AG208105.604843.208804.604420.	2225 4.3	0. 44.	58
89	1 "	AG208804.604420.209380.604177.	2225 4.3	0. 44.	58

			S23NB15P.DAT			
90	1 "	AG209380.604177.210495.603858.	2225	4.3	0.44.	58
91	1 I-270 NB	AG207724.605289.207503.605510.	4550	3.1	0.44.	35
92	1 "	AG207503.605510.207122.605997.	4550	3.1	0.44.	35
93	1 "	AG207122.605997.206735.606587.	4550	3.1	0.44.	35
94	1 I-270 SB	AG206638.606543.206943.606090.	2225	4.3	0.44.	58
95	1 "	AG206943.606090.207418.605459.	2225	4.3	0.44.	58
96	1 "	AG207418.605459.207644.605229.	2225	4.3	0.44.	58
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: NB 270&80 RAMPS (S23NB15P.DAT)
DATE: 01/19/2007 TIME: 23:27:13.00

RUN: SITE 23 NB I270&80RAMPS PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	4150.	3.1	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	4150.	3.1	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	4150.	3.1	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	4150.	3.1	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	4150.	3.1	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	4150.	3.1	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	4150.	3.1	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	300.	3.0	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	300.	3.0	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	300.	3.0	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	300.	3.0	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	300.	3.0	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	300.	3.0	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	300.	3.0	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	300.	3.0	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	225.	3.0	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211656.3	603882.4	* 44.	331. AG	143.	100.0	.0	24.0	.50	2.2
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	75.	3.0	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	75.	3.0	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211596.3	603808.3	* 30.	31. AG	72.	100.0	.0	12.0	.36	1.5
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	75.	3.0	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2025.	4.3	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2025.	4.3	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2025.	4.3	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2025.	4.3	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2025.	4.3	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	2025.	4.3	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	400.	3.0	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	400.	3.0	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	400.	3.0	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	400.	3.0	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	400.	3.0	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	400.	3.0	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	400.	3.0	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	100.	3.0	.0	32.0		
36. 36 NB80RMP LT	* 210952.0	603364.0	210964.5	603342.2	* 25.	150. AG	69.	100.0	.0	12.0	.34	1.3
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.0	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	3.0	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	218. AG	69.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	3.0	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1125.	3.3	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1125.	3.3	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	700.	3.3	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	700.	3.3	.0	44.0		

JOB: NB 270&80 RAMPS (S23NB15P.DAT)
DATE: 01/19/2007 TIME: 23:27:13.00

RUN: SITE 23 NB I270&80RAMPS PM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.1	603914.0	* 0.	78. AG	18.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	700.	3.3	.0	44.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	700.	3.0	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	700.	3.0	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	700.	3.0	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	700.	3.0	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	700.	3.0	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	700.	3.0	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	700.	3.0	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	700.	3.0	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	700.	3.0	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	575.	3.0	.0	32.0		
57. 57 "	* 211726.0	603838.0	211802.6	603887.5	* 91.	57. AG	29.	100.0	.0	12.0	.51	4.6
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	650.	3.3	.0	44.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	550.	3.3	.0	44.0		
60. 60 " Q	* 210962.0	603409.0	210964.6	603410.4	* 3.	61. AG	1.	100.0	.0	12.0	.37	.2
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	575.	3.3	.0	44.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	300.	3.3	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	300.	3.3	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	300.	11.5	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	300.	3.3	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210887.4	603296.4	* 20.	274. AG	18.	100.0	.0	12.0	.22	1.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	300.	3.3	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	650.	3.3	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	650.	3.3	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210896.6	603362.3	* 21.	240. AG	36.	100.0	.0	24.0	.29	1.1
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	600.	3.3	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	600.	3.3	.0	44.0		
73. 73 "	* 211557.0	603727.0	211899.0	603968.0	* 495.	61. AG	600.	3.3	.0	44.0		
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	242. AG	16.	100.0	.0	12.0	.00	.0
75. 70 eb thru Q	* 210915.0	603373.0	210892.3	603359.8	* 26.	240. AG	32.	100.0	.0	24.0	.33	1.3
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	675.	3.3	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	200.	3.0	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	200.	3.0	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	200.	3.0	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	200.	3.0	.0	32.0		

S23NB15P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	200.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	200.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	200.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	200.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	4550.	3.1	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	4550.	3.1	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	4550.	3.1	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	4550.	3.1	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2225.	4.3	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2225.	4.3	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2225.	4.3	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2225.	4.3	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	4550.	3.1	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	4550.	3.1	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	4550.	3.1	.0	44.0

1

JOB: NB 270&80 RAMPS (S23NB15P.DAT)
DATE: 01/19/2007 TIME: 23:27:13.00

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)	
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2225.	4.3	.0 44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2225.	4.3	.0 44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2225.	4.3	.0 44.0

1

JOB: NB 270&80 RAMPS (S23NB15P.DAT)
DATE: 01/19/2007 TIME: 23:27:13.00

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	72	4.0	225	1681	33.40	2 3
20. 20 " Q	*	90	72	4.0	75	1583	33.40	2 3
36. 36 " NB80RMPLT	*	60	46	2.0	100	1770	33.40	1 3
39. 39 " "	*	60	46	2.0	1	1750	33.40	3 3
45. 45 " "	*	60	12	2.0	1	1750	33.40	1 3
57. 57 " "	*	90	29	4.0	575	1863	33.40	2 3
60. 60 " Q	*	90	1	2.0	550	1583	33.40	3 3
66. 66 80EB @ SB RP RT	*	60	12	2.0	300	1863	33.40	3 3
70. 70 " Q	*	60	12	2.0	650	1517	33.40	1 3
74. 70 eb r Q	*	90	16	4.0	1	712	33.40	2 3
75. 70 eb thru Q	*	90	16	4.0	600	1211	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. CRN SB ON	*	210891.0	603267.0	5.0 *
2. 82' SB ON	*	210829.0	603265.0	5.0 *
3. 164' SB ON	*	210751.0	603234.0	5.0 *
4. MID SB ON	*	210664.0	603190.0	5.0 *
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0 *
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0 *
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0 *
8. CR SB ON NE	*	210952.0	603444.0	5.0 *
9. 82' SB ON NE	*	211008.0	603473.0	5.0 *
10. MID SB ON NE	*	211080.0	603509.0	5.0 *
11. NB ON CRN SS	*	211768.0	603820.0	5.0 *
12. NB ON 82' SS	*	211813.0	603846.0	5.0 *
13. NB 164' SS	*	211916.0	603904.0	5.0 *
14. NB MID SS	*	212135.0	604030.0	5.0 *
15. NB ON MID	*	211908.0	603986.0	5.0 *
16. NB ON 164'	*	211812.0	603942.0	5.0 *
17. NB ON CRN	*	211720.0	603937.0	5.0 *

1

JOB: NB 270&80 RAMPS (S23NB15P.DAT)

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.0	.1	.0	.0	.0	.0	.1	.0	.2	.2	.1	.1	.2	.2	.0	.0	.0
5.	*	.0	.1	.0	.0	.0	.1	.1	.0	.2	.2	.1	.1	.2	.2	.0	.0	.0
10.	*	.0	.1	.0	.0	.0	.1	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
15.	*	.0	.1	.0	.1	.0	.0	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
20.	*	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
25.	*	.0	.1	.0	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
30.	*	.0	.1	.0	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
35.	*	.0	.1	.0	.1	.0	.0	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
40.	*	.0	.1	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
45.	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
50.	*	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0
55.	*	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.1	.2	.1	.1	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	.1	.1	.1	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1	.0	.1	.1	.2	.0	.0

S23NB15P.OUT

75.	*	.0	.0	.0	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.1	.1	.0
80.	*	.0	.0	.0	.0	.0	.1	.0	.3	.3	.3	.0	.0	.0	.1	.1	.0
85.	*	.0	.0	.0	.0	.0	.1	.0	.2	.3	.3	.0	.0	.0	.1	.1	.0
90.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.3	.0	.0	.0	.2	.1	.0
95.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.3	.0	.0	.0	.2	.1	.0
100.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.4	.0	.0	.0	.1	.1	.0
105.	*	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.0	.0	.0	.1	.2	.0
110.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0	.1	.1	.0
115.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0	.1	.1	.0
120.	*	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0	.1	.1	.0
125.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.2	.0	.0	.0	.1	.1	.1
130.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
135.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1
145.	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.0	.0	.0	.1	.1	.1
150.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.0	.0	.0	.1	.1	.1
155.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.0	.0	.0	.1	.1	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.1	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.1	.1	.1
175.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.0	.0	.0	.1	.1	.1
180.	*	.0	.0	.0	.0	.0	.1	.2	.0	.2	.2	.1	.0	.0	.1	.1	.2
185.	*	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.0	.0	.1	.1	.2
190.	*	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.1	.0	.1	.2	.2
195.	*	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.1	.0	.1	.2	.2
200.	*	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.1	.1	.0	.1	.1	.2
205.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.0	.1	.1	.2

1

JOB: NB 270&80 RAMPS (S23NB15P.DAT)

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0	.2	.1	.3
215.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.2	.1	.3
220.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.0	.0	.0	.0	.1	.1	.3
225.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.1	.0	.0	.0	.1	.2	.3
230.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.2	.1	.1	.1	.2	.3
235.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.1	.1	.0	.2	.3
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.1
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.1
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.1
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.1
260.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.1
265.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.1
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0
275.	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
280.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
285.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
290.	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.2	.0	.0	.0
295.	*	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.2	.0	.0	.0
300.	*	.1	.1	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.2	.2	.0	.0	.0
305.	*	.0	.1	.0	.0	.0	.0	.2	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0
310.	*	.1	.2	.0	.0	.1	.2	.1	.2	.2	.2	.2	.1	.2	.2	.0	.0	.0
315.	*	.1	.2	.1	.0	.1	.2	.1	.1	.1	.2	.1	.1	.2	.2	.0	.0	.0
320.	*	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
325.	*	.0	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
330.	*	.0	.1	.1	.1	.1	.1	.0	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
335.	*	.0	.1	.0	.1	.1	.1	.0	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
340.	*	.0	.1	.0	.0	.1	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
345.	*	.0	.1	.0	.0	.0	.0	.2	.2	.1	.2	.1	.1	.2	.2	.0	.0	.0
350.	*	.0	.1	.0	.0	.0	.0	.2	.2	.0	.2	.1	.1	.2	.2	.0	.0	.0
355.	*	.0	.1	.0	.0	.0	.0	.2	.1	.1	.2	.1	.1	.2	.2	.0	.0	.0
360.	*	.0	.1	.0	.0	.0	.0	.1	.0	.2	.2	.1	.1	.2	.2	.0	.0	.0
MAX DEGR.	*	.1	.2	.1	.1	.1	.2	.2	.3	.3	.4	.2	.2	.3	.2	.2	.2	.3

THE HIGHEST CONCENTRATION IS .40 PPM AT 100 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 75 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC9 .

1

JOB: NB 270&80 RAMPS (S23NB15P.DAT)
 DATE: 01/19/2007 TIME: 23:27:13.00

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
		280	310	40	15	315	110	70	75	70	100	235	230	35	0	90	70	210
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S23B115A

B115AM I270 AND 80 RAMPS	60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891. 603267. 5.0		
82' SB ON	210829. 603265. 5.0		
164' SB ON	210751. 603234. 5.0		
MID SB ON	210664. 603190. 5.0		
MID SB ON NS ROW	210617. 603276. 5.0		
162' SB ON NS ROW	210744. 603330. 5.0		
CR SB ON NS ROW	210864. 603396. 5.0		
CR SB ON NE	210952. 603444. 5.0		
82' SB ON NE	211008. 603473. 5.0		
MID SB ON NE	211080. 603509. 5.0		
NB ON CRN SS	211768. 603820. 5.0		
NB ON 82' SS	211813. 603846. 5.0		
NB 164' SS	211916. 603904. 5.0		
NB MID SS	212135. 604030. 5.0		
NB ON MID	211908. 603986. 5.0		
NB ON 164'	211812. 603942. 5.0		
NB ON CRN	211720. 603937. 5.0		
B115AM I270 AND 80 RAMPS	98 1 1		
16	NB off RMPAG211619.603949.211694.603814.	175 3.0 0. 44.	30
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2	
130	112 3 175 33.4 1681 3 3		
18	NB off RMPAG211619.603949.211622.603852.	25 3.0 0. 32.	30
1	NB off RamAG211622.603852.211576.603776.	25 3.0 0. 32.	30
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1	
130	112 3 25 33.4 1583 3 3		
20	NB off RamAG211576.603776.211500.603713.	25 3.0 0. 32.	30
36	NB 80 ONRAAG211000.603280.210939.603387.	400 3.0 0. 32.	30
43	NB on RMP AG211863.603927.211763.603900.	400 3.0 0. 32.	30
1	NB on RMP AG211763.603900.211658.603923.	400 3.0 0. 32.	30
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1	
130	1 3 400 33.4 1583 3 3		
1	NB RMP WT8AG211863.603927.211704.603824.	325 3.0 0. 32.	30
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1	
130	27 3 325 33.4 1863 3 3		
1	NB RMP E80AG211705.603811.211556.603727.	1225 3.0 0. 44.	61
2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2	
130	16 5.0 1225 33.4 1404 3 3		
dp	NB RMP E80AG212302.604151.211707.603812.	1300 3.3 0. 44.	40
1	NB on RMP AG210486.603978.210661.603955.	500 3.0 0. 32.	61
0	NB on RMP AG210661.603955.210810.603952.	500 3.0 0. 32.	61
0	NB on RMP AG210810.603952.211023.603995.	500 3.0 0. 32.	61
0	NB on RMP AG211023.603995.211207.604048.	500 3.0 0. 32.	61
0	NB on RMP AG211207.604048.211523.604060.	500 3.0 0. 32.	61
0	NB on RMP AG211523.604060.211609.604006.	500 3.0 0. 32.	61
0	NB on RMP AG211609.604006.211660.603921.	500 3.0 0. 32.	61
0	NB RMP CirAG211376.603670.211303.603731.	200 3.0 0. 32.	61
0	NB RMP CirAG211303.603731.211187.603798.	200 3.0 0. 32.	61
0	NB RMP CirAG211187.603798.211149.603856.	200 3.0 0. 32.	61
0	NB RMP CirAG211149.603856.211147.603933.	200 3.0 0. 32.	61
0	NB RMP CirAG211147.603933.211199.604010.	200 3.0 0. 32.	61
0	NB RMP CirAG211199.604010.211306.604034.	200 3.0 0. 32.	61
0	NB RMP CirAG211306.604034.211515.604036.	200 3.0 0. 32.	61
0	NB RMP CirAG211515.604036.211583.604001.	200 3.0 0. 32.	61
0	NB RMP CirAG211583.604001.211619.603948.	200 3.0 0. 32.	61
41	WB 80 AG212296.604166.211969.603976.	725 3.3 0. 44.	40
42	WB 80 AG211969.603976.211863.603927.	725 3.3 0. 44.	40
58	wb 80 AG211704.603824.211500.603713.	350 3.3 0. 32.	40
64	EB 80SB270AG210778.603284.210850.603300.	450 3.3 0. 44.	40
65	EB 80SB270AG210850.603300.210918.603294.	450 3.3 0. 44.	40
66	EB 80SB270AG210918.603294.210980.603262.	450 3.3 0. 44.	40
71	EB 80 AG210939.603387.211180.603518.	450 3.3 0. 44.	40
72	EB 80 AG211180.603518.211557.603727.	450 3.3 0. 44.	40
2	SB RMP E80AG210940.603389.210778.603295.	450 3.3 0. 56.	40
2	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3	

		S23B115A									
		65	23	5.0	450	33.4	1863	3	3		
0	1	SB RMP	E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40			
0	1	SB RMP	WL8AG210939.603399.211080.603480.	300	3.3	0.	44.	40			
0	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2					
0	1	65	23	5.0	300	33.4	739	3	3		
0	1	SB RMP	WT8AG210933.603408.211079.603489.	50	3.3	0.	44.	40			
0	1	SB RMP	W80AG211083.603489.211492.603717.	500	3.3	0.	44.	40			
0	1	SB RMP	W80AG210512.603159.210932.603403.	50	3.3	0.	44.	40			
0	1	SB RMP	WL AG210983.603264.210920.603384.	300	3.3	0.	32.	40			
0	1	SB RMP	CirAG211165.603508.211049.603414.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211049.603414.211008.603364.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211008.603364.211004.603287.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211004.603287.211029.603227.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211029.603227.211089.603177.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211089.603177.211193.603166.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211193.603166.211419.603175.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211419.603175.211499.603251.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211499.603251.211511.603344.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211511.603344.211486.603403.	775	3.0	0.	32.	30			
0	1	SB RMP	CirAG211486.603403.211423.603469.	775	3.0	0.	32.	30			
0	1	SB On RMP	AG212132.602583.212057.602692.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG212057.602692.211962.602817.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211962.602817.211858.602905.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211858.602905.211734.602975.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211734.602975.211590.603019.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211590.603019.211347.603049.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211347.603049.211193.603089.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211193.603089.211084.603156.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211084.603156.211020.603194.	400	3.0	0.	32.	30			
0	1	SB On RMP	AG211020.603194.210976.603256.	400	3.0	0.	32.	30			
0	1	NB GP	AG210288.604040.210994.603831.	1925	4.4	0.	44.	60			
0	1	NB GP	AG210994.603831.211305.603711.	1925	4.4	0.	44.	60			
0	1	NB GP	AG211305.603711.211575.603546.	1925	4.4	0.	44.	60			
0	1	NB GP	AG211575.603546.211828.603315.	1925	4.4	0.	44.	60			
0	1	NB GP	AG211828.603315.211976.603144.	1925	4.4	0.	44.	60			
0	1	NB GP	AG211976.603144.212095.602967.	1925	4.4	0.	44.	60			
0	1	NB ETL	AG210281.603985.210773.603848.	275	4.5	0.	32.	62			
0	1	NB ETL	AG210773.603848.211062.603762.	275	4.5	0.	32.	62			
0	1	NB ETL	AG211062.603762.211342.603634.	275	4.5	0.	32.	62			
0	1	NB ETL	AG211342.603634.211533.603513.	275	4.5	0.	32.	62			
0	1	NB ETL	AG211533.603513.211718.603362.	275	4.5	0.	32.	62			
0	1	NB ETL	AG211718.603362.211890.603183.	275	4.5	0.	32.	62			
0	1	NB ETL	AG211890.603183.212018.603004.	275	4.5	0.	32.	62			
0	1	NB ETL	AG212018.603004.212104.602860.	275	4.5	0.	32.	62			
0	1	SB ETL	AG212069.602828.211997.602953.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211997.602953.211855.603148.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211855.603148.211711.603304.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211711.603304.211544.603446.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211544.603446.211308.603599.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211308.603599.211112.603692.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG211112.603692.210901.603766.	1000	4.5	0.	32.	61			
0	1	SB ETL	AG210901.603766.210314.603929.	1000	4.5	0.	32.	61			
0	1	SB GP	AG212064.602739.211923.602984.	4175	4.5	0.	44.	61			
0	1	SB GP	AG211923.602984.211730.603225.	4175	4.5	0.	44.	61			

				S23B115A	
0	1	SB GP	AG211730.603225.211584.603358.	4175 4.5 0. 44.	61
0	1	SB GP	AG211584.603360.211349.603520.	4175 4.5 0. 44.	61
0	1	SB GP	AG211349.603520.211054.603666.	4175 4.5 0. 44.	61
0	1	SB GP	AG211054.603666.210639.603797.	4175 4.5 0. 44.	61
0	1	SB GP	AG210639.603797.210231.603904.	4175 4.5 0. 44.	61
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:07:04.81

RUN: B115AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.8	603890.4	*	53.	331. AG	154.	100.0	.0	24.0	.43 2.7
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	3.0	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	77.	100.0	.0	12.0	.13 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	3.0	.0	32.0	
9. 43	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	3.0	.0	32.0	
10. 43	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.26 .1
11. 43	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	325.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211766.3	603864.1	*	48.	57. AG	19.	100.0	.0	12.0	.23 2.4
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1225.	3.0	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211640.4	603774.7	*	54.	241. AG	22.	100.0	.0	24.0	.53 2.7
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1300.	3.3	.0	44.0	
16. 0	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	3.0	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	725.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	725.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	350.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.3	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.3	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210911.7	603373.5	*	19.	240. AG	95.	100.0	.0	36.0	.15 1.0
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.3	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210965.3	603413.5	*	19.	60. AG	63.	100.0	.0	24.0	.38 1.0

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:07:04.81

RUN: B115AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	50.	3.3	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	50.	3.3	.0	44.0	
48. 0	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	775.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	775.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	775.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	775.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	775.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	775.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	775.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	775.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	775.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	775.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	775.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	3.0	.0	32.0	
70. 0	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1925.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1925.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1925.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1925.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1925.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1925.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	275.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	275.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	275.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	275.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	275.	4.5	.0	32.0	

S23B115A														
81.	0	NB ETL	*	211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	275.	4.5	.0 32.0
82.	0	NB ETL	*	211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	275.	4.5	.0 32.0
83.	0	NB ETL	*	212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	275.	4.5	.0 32.0
84.	0	SB ETL	*	212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	1000.	4.5	.0 32.0
85.	0	SB ETL	*	211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	1000.	4.5	.0 32.0
86.	0	SB ETL	*	211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	1000.	4.5	.0 32.0
87.	0	SB ETL	*	211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	1000.	4.5	.0 32.0
88.	0	SB ETL	*	211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	1000.	4.5	.0 32.0
89.	0	SB ETL	*	211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	1000.	4.5	.0 32.0
90.	0	SB ETL	*	211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	1000.	4.5	.0 32.0
91.	0	SB ETL	*	210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	1000.	4.5	.0 32.0
92.	0	SB GP	*	212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	4175.	4.5	.0 44.0
93.	0	SB GP	*	211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	4175.	4.5	.0 44.0
94.	0	SB GP	*	211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	4175.	4.5	.0 44.0
95.	0	SB GP	*	211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	4175.	4.5	.0 44.0

1

PAGE 3

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:07:04.81

RUN: B115AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96.0	SB GP	*	211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	4175.	4.5	.0 44.0
97.0	SB GP	*	211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	4175.	4.5	.0 44.0
98.0	SB GP	*	210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	4175.	4.5	.0 44.0

1

PAGE 4

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:07:04.81

RUN: B115AM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	.3	175	1681	33.40	3	3
5. 20	NB off Ram*	130	112	.3	25	1583	33.40	3	3
10.	NB on RMP*	130	1	.3	400	1583	33.40	3	3
12. 57	NB RMP WT8*	130	27	.3	325	1863	33.40	3	3
14.	NB RMP E80*	130	16	5.0	1225	1404	33.40	3	3
41.	SB RMP E80*	65	23	5.0	450	1863	33.40	3	3
44.	SB RMP WL8*	65	23	5.0	300	739	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.1	.1	.2	.1	.0	.1	.1	.1	.4	.1	.1	.2	.2	.0	.0	.0
5.	*	.1	.1	.2	.2	.1	.1	.1	.1	.3	.2	.2	.3	.3	.0	.0	.0
10.	*	.1	.1	.2	.2	.1	.1	.1	.1	.2	.3	.2	.3	.3	.0	.0	.0
15.	*	.1	.1	.1	.2	.1	.1	.1	.1	.2	.3	.2	.3	.3	.0	.0	.0
20.	*	.1	.1	.1	.2	.1	.1	.1	.2	.3	.3	.2	.3	.3	.0	.0	.0
25.	*	.1	.1	.1	.2	.1	.1	.1	.2	.3	.2	.2	.3	.3	.0	.0	.0
30.	*	.1	.0	.1	.2	.1	.1	.1	.3	.3	.2	.2	.3	.3	.0	.0	.0
35.	*	.1	.1	.0	.2	.1	.1	.2	.1	.2	.3	.2	.2	.3	.0	.0	.0
40.	*	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.0	.0	.0
45.	*	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.2	.3	.3	.0	.0	.0
50.	*	.1	.1	.1	.2	.0	.1	.1	.1	.2	.3	.2	.2	.3	.0	.0	.0
55.	*	.1	.1	.1	.2	.1	.1	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0
60.	*	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.1	.0	.0
65.	*	.1	.0	.0	.0	.1	.1	.1	.1	.2	.4	.2	.2	.1	.2	.1	.0
70.	*	.1	.1	.0	.0	.0	.1	.1	.1	.2	.4	.1	.1	.1	.2	.1	.0
75.	*	.1	.1	.0	.0	.0	.0	.1	.1	.1	.4	.1	.1	.1	.2	.1	.1
80.	*	.1	.1	.0	.0	.0	.1	.1	.2	.2	.4	.0	.0	.0	.2	.1	.1
85.	*	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.0	.0	.0	.2	.2	.1
90.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.1	.2	.1

S23B115A

95.	*	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.1	.1	.1
100.	*	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.1	.1	.1
105.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.2	.1	.1
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.1	.1
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.2	.1	.1
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1
150.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1
155.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1
160.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1
165.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.2	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.2	.1	.0
180.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	.2	.1	.0
185.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	.1	.0
190.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.2	.1	.0
195.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	.1	.1
200.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2
205.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.2	.1	.2

1

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.2	.2	.2
215.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2
220.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	.1
225.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.0	.1
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.1	.2	.2
240.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.2	.2
245.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.2	.2
250.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.1	.0
255.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.1
260.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.1
265.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.4	.2	.3	.0	.0	.0
270.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.0	.0	.0
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.0	.0	.0
300.	*	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0
305.	*	.0	.0	.1	.1	.0	.0	.1	.1	.2	.3	.2	.1	.1	.2	.0	.0	.0
310.	*	.0	.0	.1	.1	.0	.0	.1	.1	.2	.3	.2	.1	.1	.2	.0	.0	.0
315.	*	.1	.0	.1	.1	.0	.0	.1	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
320.	*	.1	.1	.1	.1	.0	.1	.1	.2	.3	.3	.1	.1	.2	.2	.0	.0	.0
325.	*	.1	.1	.2	.1	.0	.1	.1	.1	.3	.3	.1	.1	.2	.2	.0	.0	.0
330.	*	.1	.1	.2	.1	.1	.1	.2	.2	.3	.3	.2	.2	.2	.3	.0	.0	.0
335.	*	.1	.1	.2	.2	.1	.1	.1	.2	.3	.2	.1	.1	.2	.2	.0	.0	.0
340.	*	.1	.0	.2	.2	.1	.1	.1	.1	.2	.3	.1	.1	.2	.2	.0	.0	.0
345.	*	.1	.1	.2	.2	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
350.	*	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
355.	*	.1	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
360.	*	.1	.1	.2	.1	.0	.1	.1	.1	.1	.4	.1	.1	.2	.2	.0	.0	.0
MAX		.1	.1	.2	.2	.1	.1	.2	.2	.3	.4	.3	.4	.3	.3	.2	.2	.2
DEGR.	*	0	0	0	5	5	0	35	20	20	240	265	5	5	65	85	200	

THE HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 265 DEGREES FROM REC12.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 20 DEGREES FROM REC9.

1

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

PAGE 7

DATE: 01/19/2007 TIME: 23:07:04.81

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

S23B115P

B115PM I270 AND 80 RAMPS	60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891. 603267. 5.0		
82' SB ON	210829. 603265. 5.0		
164' SB ON	210751. 603234. 5.0		
MID SB ON	210664. 603190. 5.0		
MID SB ON NS ROW	210617. 603276. 5.0		
162' SB ON NS ROW	210744. 603330. 5.0		
CR SB ON NS ROW	210864. 603396. 5.0		
CR SB ON NE	210952. 603444. 5.0		
82' SB ON NE	211008. 603473. 5.0		
MID SB ON NE	211080. 603509. 5.0		
NB ON CRN SS	211768. 603820. 5.0		
NB ON 82' SS	211813. 603846. 5.0		
NB 164' SS	211916. 603904. 5.0		
NB MID SS	212135. 604030. 5.0		
NB ON MID	211908. 603986. 5.0		
NB ON 164'	211812. 603942. 5.0		
NB ON CRN	211720. 603937. 5.0		
B115PM I270 AND 80 RAMPS	98 1 1		
16	NB off RMPAG211619.603949.211694.603814.	225 3.0 0. 44.	30
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2	
90	71 3 225 33.4 1681 3 3		
18	NB off RMPAG211619.603949.211622.603852.	75 3.0 0. 32.	30
1	NB off RamAG211622.603852.211576.603776.	75 3.0 0. 32.	30
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1	
90	71 3 75 33.4 1583 3 3		
20	NB off RamAG211576.603776.211500.603713.	75 3.0 0. 32.	30
36	NB 80 ONRAAG211000.603280.210939.603387.	550 3.0 0. 32.	30
43	NB on RMP AG211863.603927.211763.603900.	550 3.0 0. 32.	30
1	NB on RMP AG211763.603900.211658.603923.	550 3.0 0. 32.	30
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1	
90	1 3 550 33.4 1583 3 3		
1	NB RMP WT8AG211863.603927.211704.603824.	575 3.3 0. 32.	40
2	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1	
57	90 30 3 575 33.4 1863 3 3		
1	NB RMP E80AG211705.603811.211556.603727.	600 3.3 0. 44.	40
2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2	
90	16 5.0 600 33.4 1203 3 3		
dp	NB RMP E80AG212302.604151.211707.603812.	650 3.3 0. 44.	40
1	NB on RMP AG210486.603978.210661.603955.	725 3.0 0. 32.	61
0	NB on RMP AG210661.603955.210810.603952.	725 3.0 0. 32.	61
0	NB on RMP AG210810.603952.211023.603995.	725 3.0 0. 32.	61
0	NB on RMP AG211023.603995.211207.604048.	725 3.0 0. 32.	61
0	NB on RMP AG211207.604048.211523.604060.	725 3.0 0. 32.	61
0	NB on RMP AG211523.604060.211609.604006.	725 3.0 0. 32.	61
0	NB on RMP AG211609.604006.211660.603921.	725 3.0 0. 32.	61
0	NB RMP CirAG211376.603670.211303.603731.	300 3.0 0. 32.	61
0	NB RMP CirAG211303.603731.211187.603798.	300 3.0 0. 32.	61
0	NB RMP CirAG211187.603798.211149.603856.	300 3.0 0. 32.	61
0	NB RMP CirAG211149.603856.211147.603933.	300 3.0 0. 32.	61
0	NB RMP CirAG211147.603933.211199.604010.	300 3.0 0. 32.	61
0	NB RMP CirAG211199.604010.211306.604034.	300 3.0 0. 32.	61
0	NB RMP CirAG211306.604034.211515.604036.	300 3.0 0. 32.	61
0	NB RMP CirAG211515.604036.211583.604001.	300 3.0 0. 32.	61
0	NB RMP CirAG211583.604001.211619.603948.	300 3.0 0. 32.	61
41	WB 80 AG212296.604166.211969.603976.	1125 3.3 0. 44.	40
42	WB 80 AG211969.603976.211863.603927.	1125 3.3 0. 44.	40
58	wb 80 AG211704.603824.211500.603713.	650 3.3 0. 32.	40
64	EB 80SB270AG210778.603284.210850.603300.	300 3.3 0. 44.	40
65	EB 80SB270AG210850.603300.210918.603294.	300 3.3 0. 44.	40
66	EB 80SB270AG210918.603294.210980.603262.	300 3.3 0. 44.	40
71	EB 80 AG210939.603387.211180.603518.	300 3.3 0. 44.	40
72	EB 80 AG211180.603518.211557.603727.	300 3.3 0. 44.	40
2	SB RMP E80AG210940.603389.210778.603295.	300 3.3 0. 44.	40
2	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3	

		S23B115P										
60	12	5.0	300	33.4	1863	3	3					
1	0	1	SB RMP	E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40			
1	0	1	SB RMP	WL8AG210939.603399.211080.603480.	175	3.3	0.	44.	40			
2	0	1	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2					
60	12	5.0	175	33.4	1413	3	3					
1	0	1	SB RMP	WT8AG210933.603408.211079.603489.	175	3.3	0.	44.	40			
1	0	1	SB RMP	W80AG211083.603489.211492.603717.	575	3.3	0.	44.	40			
1	0	1	SB RMP	W80AG210512.603159.210932.603403.	475	3.3	0.	44.	40			
1	0	1	SB RMP	WL AG210983.603264.210920.603384.	175	3.3	0.	44.	40			
1	0	1	SB RMP	CirAG211165.603508.211049.603414.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211049.603414.211008.603364.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211008.603364.211004.603287.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211004.603287.211029.603227.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211029.603227.211089.603177.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211089.603177.211193.603166.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211193.603166.211419.603175.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211419.603175.211499.603251.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211499.603251.211511.603344.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211511.603344.211486.603403.	300	3.0	0.	32.	61			
1	0	1	SB RMP	CirAG211486.603403.211423.603469.	300	3.0	0.	32.	61			
1	0	1	SB On RMP	AG212132.602583.212057.602692.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG212057.602692.211962.602817.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211962.602817.211858.602905.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211858.602905.211734.602975.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211734.602975.211590.603019.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211590.603019.211347.603049.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211347.603049.211193.603089.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211193.603089.211084.603156.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211084.603156.211020.603194.	350	3.0	0.	32.	61			
1	0	1	SB On RMP	AG211020.603194.210976.603256.	350	3.0	0.	32.	61			
1	0	1	NB GP	AG210288.604040.210994.603831.	4075	4.4	0.	44.	60			
1	0	1	NB GP	AG210994.603831.211305.603711.	4075	4.4	0.	44.	60			
1	0	1	NB GP	AG211305.603711.211575.603546.	4075	4.4	0.	44.	60			
1	0	1	NB GP	AG211575.603546.211828.603315.	4075	4.4	0.	44.	60			
1	0	1	NB GP	AG211828.603315.211976.603144.	4075	4.4	0.	44.	60			
1	0	1	NB GP	AG211976.603144.212095.602967.	4075	4.4	0.	44.	60			
1	0	1	NB ETL	AG210281.603985.210773.603848.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG210773.603848.211062.603762.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG211062.603762.211342.603634.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG211342.603634.211533.603513.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG211533.603513.211718.603362.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG211718.603362.211890.603183.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG211890.603183.212018.603004.	1150	4.5	0.	32.	62			
1	0	1	NB ETL	AG212018.603004.212104.602860.	1150	4.5	0.	32.	62			
1	0	1	SB ETL	AG212069.602828.211997.602953.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211997.602953.211855.603148.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211855.603148.211711.603304.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211711.603304.211544.603446.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211544.603446.211308.603599.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211308.603599.211112.603692.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG211112.603692.210901.603766.	275	4.5	0.	32.	61			
1	0	1	SB ETL	AG210901.603766.210314.603929.	275	4.5	0.	32.	61			
1	0	1	SB GP	AG212064.602739.211923.602984.	2225	4.5	0.	44.	61			
1	0	1	SB GP	AG211923.602984.211730.603225.	2225	4.5	0.	44.	61			

						S23B115P	
0	1	SB GP	AG211730.603225.211584.603358.	2225	4.5	0. 44.	61
0	1	SB GP	AG211584.603360.211349.603520.	2225	4.5	0. 44.	61
0	1	SB GP	AG211349.603520.211054.603666.	2225	4.5	0. 44.	61
0	1	SB GP	AG211054.603666.210639.603797.	2225	4.5	0. 44.	61
0	1	SB GP	AG210639.603797.210231.603904.	2225	4.5	0. 44.	61
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:15:08.31

RUN: B115PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.6	603881.9	*	43.	331. AG	141.	100.0	.0	24.0	.36 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	3.0	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.0	603807.9	*	29.	31. AG	71.	100.0	.0	12.0	.26 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	3.0	.0	32.0	
9.	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	3.0	.0	32.0	
10.	NB on RMP *	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.36 .2
11.	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	3.3	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	30.	100.0	.0	12.0	.48 4.8
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	3.3	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211664.1	603788.1	*	26.	241. AG	32.	100.0	.0	24.0	.34 1.3
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.3	.0	44.0	
16.	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	3.0	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	650.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.3	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.3	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210922.3	603379.7	*	7.	240. AG	54.	100.0	.0	36.0	.08 .3
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.3	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210953.9	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.09 .3

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:15:08.31

RUN: B115PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	175.	3.3	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.3	.0	44.0	
48.	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.3	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	3.0	.0	32.0	
70.	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4075.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4075.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4075.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4075.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4075.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4075.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1150.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1150.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1150.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1150.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1150.	4.5	.0	32.0	

S23B115P												
81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1150.	4.5	.0 32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1150.	4.5	.0 32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1150.	4.5	.0 32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	275.	4.5	.0 32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	275.	4.5	.0 32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	275.	4.5	.0 32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	275.	4.5	.0 32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	275.	4.5	.0 32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	275.	4.5	.0 32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	275.	4.5	.0 32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	275.	4.5	.0 32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2225.	4.5	.0 44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2225.	4.5	.0 44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2225.	4.5	.0 44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	2225.	4.5	.0 44.0

1

PAGE 3

JOB: B115PM I270 AND 80 RAMPS
 DATE: 01/19/2007 TIME: 23:15:08.31

RUN: B115PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2225.	4.5	.0 44.0	
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2225.	4.5	.0 44.0	
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2225.	4.5	.0 44.0	

1

PAGE 4

JOB: B115PM I270 AND 80 RAMPS
 DATE: 01/19/2007 TIME: 23:15:08.31

RUN: B115PM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	71	.3	225	1681	33.40	3	3
5. 20	NB off Ram*	90	71	.3	75	1583	33.40	3	3
10.	NB on RMP *	90	1	.3	550	1583	33.40	3	3
12. 57	NB RMP WT8*	90	30	.3	575	1863	33.40	3	3
14.	NB RMP E80*	90	16	5.0	600	1203	33.40	3	3
41.	SB RMP E80*	60	12	5.0	300	1863	33.40	3	3
44.	SB RMP WL8*	60	12	5.0	175	1413	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .2	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
5.	* .1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
10.	* .0	.1	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
15.	* .0	.0	.1	.2	.1	.2	.1	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0
20.	* .1	.0	.0	.1	.1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.0	.0	.0
25.	* .1	.1	.0	.1	.1	.0	.2	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
30.	* .1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
35.	* .1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
40.	* .0	.1	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
45.	* .0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
50.	* .1	.0	.0	.1	.0	.1	.2	.2	.2	.4	.1	.1	.2	.2	.0	.0	.0
55.	* .1	.0	.0	.1	.0	.0	.1	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
60.	* .1	.1	.0	.0	.0	.0	.2	.2	.2	.3	.1	.1	.2	.1	.1	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.1	.1	.1	.1	.1	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.1	.1	.0	.1	.2	.0
75.	* .0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.2	.1	.0
80.	* .0	.0	.0	.0	.0	.1	.0	.1	.2	.3	.0	.0	.0	.0	.2	.2	.0
85.	* .0	.0	.0	.0	.0	.1	.0	.0	.2	.3	.0	.0	.0	.0	.2	.2	.0
90.	* .0	.0	.0	.0	.0	.1	.0	.1	.2	.5	.0	.0	.0	.0	.3	.2	.0

S23B115P

95.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.3	.0	.0	.0	.3	.1	.0
100.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.0	.0	.0	.2	.1	.0
105.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.0	.0	.0	.2	.1	.0
110.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.2	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1
180.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1
185.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1	.1
190.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.0	.2	.1	.1
195.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.2
200.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.2
205.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.2

1

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.1	.0	.3	.0	.2
215.	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.1	.1	.0	.2	.1	.2
220.	*	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.1	.0	.2	.1	.2
225.	*	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	.0	.2	.1	.2
230.	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.2	.1	.3
235.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.3
240.	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1
245.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.1
250.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.1	.1
255.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.0	.1	.1
260.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.1	.2
265.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.1	.1	.1
270.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.4	.2	.2	.1	.1	.1
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.2	.0	.1	.1
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.0	.0	.0
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0	.0
300.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0
305.	*	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.0	.0	.0
310.	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.2	.1	.2	.2	.0	.0	.0
315.	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
320.	*	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
325.	*	.1	.0	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
330.	*	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
335.	*	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
340.	*	.1	.1	.2	.1	.0	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
345.	*	.1	.1	.2	.2	.1	.1	.2	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
350.	*	.1	.1	.2	.2	.1	.1	.2	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
355.	*	.2	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
360.	*	.2	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
MAX	*	.2	.1	.2	.2	.1	.2	.2	.2	.3	.5	.3	.4	.3	.2	.3	.2	.3
DEGR.	*	0	0	0	0	0	10	0	0	65	90	255	270	35	0	90	70	230

THE HIGHEST CONCENTRATION IS .50 PPM AT 90 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 270 DEGREES FROM REC12.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 65 DEGREES FROM REC9.

1

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

PAGE 7

DATE: 01/19/2007 TIME: 23:15:08.31

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23B215A					
B215AM I270 AND 80 RAMPS			60.0175.0.0000.000170.30480000			11 1		
CRN SB ON	210891.	603267.	5.0					
82' SB ON	210829.	603265.	5.0					
164' SB ON	210751.	603234.	5.0					
MID SB ON	210664.	603190.	5.0					
MID SB ON NS ROW	210617.	603276.	5.0					
162' SB ON NS ROW	210744.	603330.	5.0					
CR SB ON NS ROW	210864.	603396.	5.0					
CR SB ON NE	210952.	603444.	5.0					
82' SB ON NE	211008.	603473.	5.0					
MID SB ON NE	211080.	603509.	5.0					
NB ON CRN SS	211768.	603820.	5.0					
NB ON 82' SS	211813.	603846.	5.0					
NB 164' SS	211916.	603904.	5.0					
NB MID SS	212135.	604030.	5.0					
NB ON MID	211908.	603986.	5.0					
NB ON 164'	211812.	603942.	5.0					
NB ON CRN	211720.	603937.	5.0					
B215AM I270 AND 80 RAMPS			98	1	1			
16	NB off RMPAG211619.603949.211694.603814.	175	2.9	0.44.	30			
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2				
130	112 5.0 175 32.2 1681 3 3							
18	NB off RMPAG211619.603949.211622.603852.	25	2.9	0.32.	30			
1	NB off RamAG211622.603852.211576.603776.	25	2.9	0.32.	30			
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1				
130	112 5.0 25 32.2 1583 3 3							
20	NB off RamAG211576.603776.211500.603713.	25	2.9	0.32.	30			
36	NB 80 ONRAAG211000.603280.210939.603387.	400	2.9	0.32.	30			
43	NB on RMP AG211863.603927.211763.603900.	400	2.9	0.32.	30			
1	NB on RMP AG211763.603900.211658.603923.	400	2.9	0.32.	30			
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1				
130	1 5.0 400 32.2 1583 3 3							
1	NB RMP WT8AG211863.603927.211704.603824.	350	2.9	0.32.	30			
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1				
130	27 5.0 350 32.2 1863 3 3							
1	NB RMP E80AG211705.603811.211556.603727.	1250	2.9	0.44.	61			
2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2				
150	15 5.0 1250 32.2 1389 3 3							
dp	NB RMP E80AG212302.604151.211707.603812.	1325	3.2	0.44.	40			
1	NB on RMP AG210486.603978.210661.603955.	500	2.9	0.32.	61			
0	NB on RMP AG210661.603955.210810.603952.	500	2.9	0.32.	61			
0	NB on RMP AG210810.603952.211023.603995.	500	2.9	0.32.	61			
0	NB on RMP AG211023.603995.211207.604048.	500	2.9	0.32.	61			
0	NB on RMP AG211207.604048.211523.604060.	500	2.9	0.32.	61			
0	NB on RMP AG211523.604060.211609.604006.	500	2.9	0.32.	61			
0	NB on RMP AG211609.604006.211660.603921.	500	2.9	0.32.	61			
1	NB RMP CirAG211376.603670.211303.603731.	200	2.9	0.32.	61			
0	NB RMP CirAG211303.603731.211187.603798.	200	2.9	0.32.	61			
0	NB RMP CirAG211187.603798.211149.603856.	200	2.9	0.32.	61			
0	NB RMP CirAG211149.603856.211147.603933.	200	2.9	0.32.	61			
0	NB RMP CirAG211147.603933.211199.604010.	200	2.9	0.32.	61			
0	NB RMP CirAG211199.604010.211306.604034.	200	2.9	0.32.	61			
0	NB RMP CirAG211306.604034.211515.604036.	200	2.9	0.32.	61			
0	NB RMP CirAG211515.604036.211583.604001.	200	2.9	0.32.	61			
0	NB RMP CirAG211583.604001.211619.603948.	200	2.9	0.32.	61			
41	WB 80 AG212296.604166.211969.603976.	750	3.2	0.44.	40			
42	WB 80 AG211969.603976.211863.603927.	750	3.2	0.44.	40			
58	wb 80 AG211704.603824.211500.603713.	375	3.2	0.32.	40			
64	EB 80SB270AG210778.603284.210850.603300.	450	3.2	0.44.	40			
65	EB 80SB270AG210850.603300.210918.603294.	450	3.2	0.44.	40			
66	EB 80SB270AG210918.603294.210980.603262.	450	3.2	0.44.	40			
71	EB 80 AG210939.603387.211180.603518.	450	3.2	0.44.	40			
72	EB 80 AG211180.603518.211557.603727.	450	3.2	0.44.	40			
2	SB RMP E80AG210940.603389.210778.603295.	450	3.2	0.56.	40			
2	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3				

		75	25	5.0	450	32.2	1863	3	3	S23B215A
0	1	SB RMP	E80AG210772.603286.210466.603118.	1325	3.2	0.	56.	40		
0	1	SB RMP	WL8AG210939.603399.211080.603480.	300	3.2	0.	44.	40		
0	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2				
0	1	75	1	5.0	300	32.2	770	3	3	
0	1	SB RMP	WT8AG210933.603408.211079.603489.	75	3.2	0.	44.	40		
0	1	SB RMP	W80AG211083.603489.211492.603717.	525	3.2	0.	44.	40		
0	1	SB RMP	W80AG210512.603159.210932.603403.	75	3.2	0.	44.	40		
0	1	SB RMP	WL AG210983.603264.210920.603384.	300	3.2	0.	32.	40		
0	1	SB RMP	CirAG211165.603508.211049.603414.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211049.603414.211008.603364.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211008.603364.211004.603287.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211004.603287.211029.603227.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211029.603227.211089.603177.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211089.603177.211193.603166.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211193.603166.211419.603175.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211419.603175.211499.603251.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211499.603251.211511.603344.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211511.603344.211486.603403.	800	2.9	0.	32.	30		
0	1	SB RMP	CirAG211486.603403.211423.603469.	800	2.9	0.	32.	30		
0	1	SB On RMP	AG212132.602583.212057.602692.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG212057.602692.211962.602817.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211962.602817.211858.602905.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211858.602905.211734.602975.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211734.602975.211590.603019.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211590.603019.211347.603049.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211347.603049.211193.603089.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211193.603089.211084.603156.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211084.603156.211020.603194.	400	2.9	0.	32.	30		
0	1	SB On RMP	AG211020.603194.210976.603256.	400	2.9	0.	32.	30		
0	1	NB GP	AG210288.604040.210994.603831.	1825	4.3	0.	44.	61		
0	1	NB GP	AG210994.603831.211305.603711.	1825	4.3	0.	44.	61		
0	1	NB GP	AG211305.603711.211575.603546.	1825	4.3	0.	44.	61		
0	1	NB GP	AG211575.603546.211828.603315.	1825	4.3	0.	44.	61		
0	1	NB GP	AG211828.603315.211976.603144.	1825	4.3	0.	44.	61		
0	1	NB GP	AG211976.603144.212095.602967.	1825	4.3	0.	44.	61		
0	1	NB ETL	AG210281.603985.210773.603848.	550	4.3	0.	32.	61		
0	1	NB ETL	AG210773.603848.211062.603762.	550	4.3	0.	32.	61		
0	1	NB ETL	AG211062.603762.211342.603634.	550	4.3	0.	32.	61		
0	1	NB ETL	AG211342.603634.211533.603513.	550	4.3	0.	32.	61		
0	1	NB ETL	AG211533.603513.211718.603362.	550	4.3	0.	32.	61		
0	1	NB ETL	AG211718.603362.211890.603183.	550	4.3	0.	32.	61		
0	1	NB ETL	AG211890.603183.212018.603004.	550	4.3	0.	32.	61		
0	1	NB ETL	AG212018.603004.212104.602860.	550	4.3	0.	32.	61		
0	1	SB ETL	AG212069.602828.211997.602953.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211997.602953.211855.603148.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211855.603148.211711.603304.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211711.603304.211544.603446.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211544.603446.211308.603599.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211308.603599.211112.603692.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG211112.603692.210901.603766.	1775	4.3	0.	32.	61		
0	1	SB ETL	AG210901.603766.210314.603929.	1775	4.3	0.	32.	61		
0	1	SB GP	AG212064.602739.211923.602984.	3800	4.3	0.	44.	61		
0	1	SB GP	AG211923.602984.211730.603225.	3800	4.3	0.	44.	61		

		S23B215A					
0	1	SB GP	AG211730.603225.211584.603358.	3800	4.3	0.44.	61
0	1	SB GP	AG211584.603360.211349.603520.	3800	4.3	0.44.	61
0	1	SB GP	AG211349.603520.211054.603666.	3800	4.3	0.44.	61
0	1	SB GP	AG211054.603666.210639.603797.	3800	4.3	0.44.	61
0	1	SB GP	AG210639.603797.210231.603904.	3800	4.3	0.44.	61
1.0	0.4	1000.0.0Y	5 0 72				

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:37:49.28

RUN: B215AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	2.9	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.1	603891.6	*	55.	331. AG	149.	100.0	.0	24.0	.61 2.8
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.9	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.9	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	74.	100.0	.0	12.0	.19 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.9	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	2.9	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	2.9	.0	32.0	
9. 43	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	2.9	.0	32.0	
10. 43	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.27 .1
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	350.	2.9	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211769.4	603866.1	*	52.	57. AG	18.	100.0	.0	12.0	.25 2.6
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1250.	2.9	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211642.4	603775.8	*	51.	241. AG	17.	100.0	.0	24.0	.53 2.6
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1325.	3.2	.0	44.0	
16. 0	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	2.9	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	2.9	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	2.9	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	2.9	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	2.9	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	2.9	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	2.9	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	2.9	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	2.9	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	2.9	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	2.9	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	2.9	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	2.9	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	2.9	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	2.9	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	2.9	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	750.	3.2	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	750.	3.2	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	375.	3.2	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.2	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.2	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.2	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.2	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.2	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.2	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210474.9	603117.7	*	525.	240. AG	86.	100.0	.0	36.0	1.42 26.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1325.	3.2	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.2	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	211724.7	603855.2	*	897.	60. AG	2.	100.0	.0	24.0	2.21 45.6

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:37:49.28

RUN: B215AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	75.	3.2	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	3.2	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	75.	3.2	.0	44.0	
48. 0	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.2	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	800.	2.9	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	800.	2.9	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	800.	2.9	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	800.	2.9	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	800.	2.9	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	800.	2.9	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	800.	2.9	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	800.	2.9	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	800.	2.9	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	800.	2.9	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	800.	2.9	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	2.9	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	2.9	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	2.9	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	2.9	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	2.9	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	2.9	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	2.9	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	2.9	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	2.9	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	2.9	.0	32.0	
70. 0	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1825.	4.3	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1825.	4.3	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1825.	4.3	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1825.	4.3	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1825.	4.3	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1825.	4.3	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	550.	4.3	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	550.	4.3	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	550.	4.3	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	550.	4.3	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	550.	4.3	.0	32.0	

S23B215A

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	550.	4.3	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	550.	4.3	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	550.	4.3	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	1775.	4.3	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	1775.	4.3	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	1775.	4.3	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	1775.	4.3	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	1775.	4.3	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	1775.	4.3	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	1775.	4.3	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	1775.	4.3	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	3800.	4.3	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	3800.	4.3	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	3800.	4.3	.0	44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	3800.	4.3	.0	44.0

1

PAGE 3

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:37:49.28

RUN: B215AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	3800.	4.3	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	3800.	4.3	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	3800.	4.3	.0	44.0

1

PAGE 4

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:37:49.28

RUN: B215AM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
2. 17	NB off RMP*	130	112	5.0	175	1681	32.20	3	3
5. 20	NB off Ram*	130	112	5.0	25	1583	32.20	3	3
10.	NB on RMP*	130	1	5.0	400	1583	32.20	3	3
12. 57	NB RMP WT8*	130	27	5.0	350	1863	32.20	3	3
14.	NB RMP E80*	150	15	5.0	1250	1389	32.20	3	3
41.	SB RMP E80*	75	25	5.0	450	186	32.00	1	3
44.	SB RMP WL8*	75	1	5.0	300	77	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. CRN SB ON	* 210891.0	603267.0	5.0	*
2. 82' SB ON	* 210829.0	603265.0	5.0	*
3. 164' SB ON	* 210751.0	603234.0	5.0	*
4. MID SB ON	* 210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	* 210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	* 210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	* 210864.0	603396.0	5.0	*
8. CR SB ON NE	* 210952.0	603444.0	5.0	*
9. 82' SB ON NE	* 211008.0	603473.0	5.0	*
10. MID SB ON NE	* 211080.0	603509.0	5.0	*
11. NB ON CRN SS	* 211768.0	603820.0	5.0	*
12. NB ON 82' SS	* 211813.0	603846.0	5.0	*
13. NB 164' SS	* 211916.0	603904.0	5.0	*
14. NB MID SS	* 212135.0	604030.0	5.0	*
15. NB ON MID	* 211908.0	603986.0	5.0	*
16. NB ON 164'	* 211812.0	603942.0	5.0	*
17. NB ON CRN	* 211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .2	.3	.4	.3	.0	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
5.	* .2	.3	.4	.4	.0	.1	.1	.1	.1	.3	.1	.2	.2	.3	.0	.0	.0
10.	* .2	.3	.4	.5	.1	.1	.1	.1	.2	.3	.2	.2	.3	.3	.0	.0	.0
15.	* .2	.3	.4	.5	.1	.1	.1	.1	.2	.3	.2	.2	.3	.3	.0	.0	.0
20.	* .1	.3	.4	.6	.1	.1	.1	.1	.1	.4	.2	.2	.3	.3	.0	.0	.0
25.	* .1	.3	.4	.6	.1	.1	.1	.2	.1	.4	.2	.2	.3	.3	.0	.0	.0
30.	* .1	.2	.5	.6	.1	.1	.1	.1	.1	.4	.2	.2	.3	.3	.0	.0	.0
35.	* .1	.2	.3	.5	.1	.1	.1	.1	.1	.3	.2	.2	.2	.3	.0	.0	.0
40.	* .1	.2	.3	.5	.1	.1	.1	.1	.1	.3	.2	.2	.2	.3	.0	.0	.0
45.	* .1	.2	.4	.4	.0	.0	.1	.1	.1	.3	.2	.2	.3	.3	.0	.0	.0
50.	* .1	.2	.3	.5	.0	.1	.1	.1	.1	.4	.2	.2	.3	.3	.0	.0	.0
55.	* .1	.1	.2	.4	.0	.1	.1	.1	.1	.4	.2	.2	.2	.2	.0	.0	.0
60.	* .0	.1	.2	.3	.2	.2	.1	.1	.1	.4	.2	.2	.2	.2	.1	.0	.0
65.	* .0	.0	.1	.2	.2	.2	.1	.1	.1	.3	.2	.2	.1	.1	.2	.1	.0
70.	* .1	.0	.0	.1	.1	.2	.1	.1	.1	.4	.1	.1	.1	.1	.2	.1	.0
75.	* .1	.0	.0	.0	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.2	.1	.1
80.	* .0	.0	.0	.0	.2	.2	.1	.2	.2	.4	.0	.0	.0	.0	.2	.1	.1
85.	* .0	.0	.0	.0	.3	.2	.1	.1	.2	.4	.0	.0	.0	.0	.2	.2	.1
90.	* .0	.0	.0	.0	.3	.2	.2	.1	.1	.4	.0	.0	.0	.0	.1	.2	.1

S23B215A

95.	*	.0	.0	.0	.0	.3	.2	.1	.1	.1	.3	.0	.0	.0	.1	.1	.1
100.	*	.0	.0	.0	.0	.3	.2	.1	.1	.1	.2	.0	.0	.0	.1	.1	.1
105.	*	.0	.0	.0	.0	.3	.2	.1	.0	.1	.2	.0	.0	.0	.2	.1	.1
110.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.2	.0	.0	.0	.2	.1	.1
115.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.2	.0	.0	.0	.2	.1	.1
120.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
125.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
130.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
135.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
140.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
145.	*	.0	.0	.0	.0	.3	.2	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
150.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.1	.0	.0	.0	.2	.1	.1
155.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1
160.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1
165.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1
170.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.1
175.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
180.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
185.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
190.	*	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.2	.1	.0
195.	*	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.2	.1	.1
200.	*	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.2	.1	.1
205.	*	.0	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.2	.1	.2

1

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

PAGE 6

WIND	*	CONCENTRATION																
ANGLE	*	(PPM)																
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.3	.3	.2	.2	.1	.0	.1	.0	.0	.0	.2	.1	.2
215.	*	.0	.0	.0	.0	.2	.3	.2	.2	.1	.0	.1	.1	.0	.0	.2	.2	.1
220.	*	.0	.0	.0	.0	.2	.3	.4	.2	.1	.1	.1	.1	.0	.0	.1	.1	.1
225.	*	.0	.0	.0	.0	.2	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1
230.	*	.0	.0	.0	.0	.1	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.2
235.	*	.0	.1	.2	.2	.0	.2	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1
240.	*	.0	.2	.2	.2	.0	.2	.2	.2	.1	.1	.3	.1	.2	.2	.0	.1	.2
245.	*	.1	.2	.3	.3	.0	.1	.1	.1	.1	.1	.3	.2	.2	.2	.0	.1	.1
250.	*	.2	.3	.4	.4	.0	.0	.0	.1	.1	.1	.3	.3	.2	.3	.0	.1	.0
255.	*	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0
260.	*	.2	.3	.5	.5	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
265.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0
270.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.0	.0	.0
275.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0
280.	*	.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
285.	*	.1	.3	.3	.4	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
290.	*	.1	.3	.3	.4	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.0	.0	.0
295.	*	.1	.2	.3	.3	.0	.0	.0	.0	.1	.2	.2	.2	.1	.3	.0	.0	.0
300.	*	.1	.2	.3	.3	.0	.0	.0	.1	.1	.2	.2	.1	.1	.2	.0	.0	.0
305.	*	.1	.2	.3	.3	.0	.0	.0	.1	.2	.3	.2	.1	.1	.2	.0	.0	.0
310.	*	.1	.2	.3	.3	.0	.0	.1	.1	.2	.3	.2	.1	.1	.2	.0	.0	.0
315.	*	.1	.2	.3	.3	.0	.0	.1	.2	.3	.4	.1	.1	.2	.2	.0	.0	.0
320.	*	.2	.3	.3	.3	.0	.1	.1	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
325.	*	.2	.3	.3	.3	.0	.1	.1	.1	.3	.3	.1	.1	.2	.2	.0	.0	.0
330.	*	.2	.3	.4	.3	.0	.1	.2	.1	.3	.3	.1	.1	.2	.3	.0	.0	.0
335.	*	.1	.3	.4	.4	.1	.1	.1	.1	.2	.3	.1	.1	.2	.2	.0	.0	.0
340.	*	.2	.2	.4	.4	.1	.1	.1	.1	.1	.3	.1	.1	.2	.2	.0	.0	.0
345.	*	.2	.3	.3	.4	.1	.0	.1	.1	.1	.3	.1	.1	.2	.2	.0	.0	.0
350.	*	.2	.3	.3	.4	.1	.1	.1	.1	.1	.3	.1	.1	.2	.2	.0	.0	.0
355.	*	.2	.3	.4	.3	.1	.1	.1	.1	.1	.3	.1	.1	.2	.2	.0	.0	.0
360.	*	.2	.3	.4	.3	.0	.1	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
MAX	*	.3	.3	.5	.6	.3	.3	.4	.2	.3	.4	.3	.3	.3	.3	.2	.2	.2
DEGR.	*	265	0	30	20	85	150	220	25	315	20	240	250	10	5	65	85	205

THE HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 30 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 220 DEGREES FROM REC7 .

1

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

PAGE 7

DATE: 03/16/2007 TIME: 22:37:49.28

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)																
	*	ANGLE (DEGREES)																
	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	265	0	30	20	85	150	220	25	315	20	240	250	10	5	65	85	205
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23B215P					
B215PM I270 AND 80 RAMPS			60.0175.0.0000.000170.30480000	11	1			
CRN SB ON	210891.	603267.	5.0					
82' SB ON	210829.	603265.	5.0					
164' SB ON	210751.	603234.	5.0					
MID SB ON	210664.	603190.	5.0					
MID SB ON NS ROW	210617.	603276.	5.0					
162' SB ON NS ROW	210744.	603330.	5.0					
CR SB ON NS ROW	210864.	603396.	5.0					
CR SB ON NE	210952.	603444.	5.0					
82' SB ON NE	211008.	603473.	5.0					
MID SB ON NE	211080.	603509.	5.0					
NB ON CRN SS	211768.	603820.	5.0					
NB ON 82' SS	211813.	603846.	5.0					
NB 164' SS	211916.	603904.	5.0					
NB MID SS	212135.	604030.	5.0					
NB ON MID	211908.	603986.	5.0					
NB ON 164'	211812.	603942.	5.0					
NB ON CRN	211720.	603937.	5.0					
B215PM I270 AND 80 RAMPS			98 1 1					
16	NB off RMPAG211619.603949.211694.603814.	225 2.9 0. 44.	30					
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2						
90	72 5.0 225 32.2 1681 3 3							
18	NB off RMPAG211619.603949.211622.603852.	75 2.9 0. 32.	30					
1	NB off RamAG211622.603852.211576.603776.	75 2.9 0. 32.	30					
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1						
90	72 5.0 75 32.2 1583 3 3							
20	NB off RamAG211576.603776.211500.603713.	75 2.9 0. 32.	30					
36	NB 80 ONRAAG211000.603280.210939.603387.	550 2.9 0. 32.	30					
43	NB on RMP AG211863.603927.211763.603900.	550 2.9 0. 32.	30					
1	NB on RMP AG211763.603900.211658.603923.	550 2.9 0. 32.	30					
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1						
90	1 5.0 550 32.2 1583 3 3							
1	NB RMP WT8AG211863.603927.211704.603824.	575 2.9 0. 32.	30					
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1						
90	30 5.0 575 32.2 1863 3 3							
1	NB RMP E80AG211705.603811.211556.603727.	600 2.9 0. 44.	61					
2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2						
90	17 5.0 600 32.2 1203 3 3							
dp	NB RMP E80AG212302.604151.211707.603812.	650 3.2 0. 44.	40					
1	NB on RMP AG210486.603978.210661.603955.	725 2.9 0. 32.	61					
0	NB on RMP AG210661.603955.210810.603952.	725 2.9 0. 32.	61					
0	NB on RMP AG210810.603952.211023.603995.	725 2.9 0. 32.	61					
0	NB on RMP AG211023.603995.211207.604048.	725 2.9 0. 32.	61					
0	NB on RMP AG211207.604048.211523.604060.	725 2.9 0. 32.	61					
0	NB on RMP AG211523.604060.211609.604006.	725 2.9 0. 32.	61					
0	NB on RMP AG211609.604006.211660.603921.	725 2.9 0. 32.	61					
0	NB RMP CirAG211376.603670.211303.603731.	300 2.9 0. 32.	61					
0	NB RMP CirAG211303.603731.211187.603798.	300 2.9 0. 32.	61					
0	NB RMP CirAG211187.603798.211149.603856.	300 2.9 0. 32.	61					
0	NB RMP CirAG211149.603856.211147.603933.	300 2.9 0. 32.	61					
0	NB RMP CirAG211147.603933.211199.604010.	300 2.9 0. 32.	61					
0	NB RMP CirAG211199.604010.211306.604034.	300 2.9 0. 32.	61					
0	NB RMP CirAG211306.604034.211515.604036.	300 2.9 0. 32.	61					
0	NB RMP CirAG211515.604036.211583.604001.	300 2.9 0. 32.	61					
0	NB RMP CirAG211583.604001.211619.603948.	300 2.9 0. 32.	61					
41	WB 80 AG212296.604166.211969.603976.	1125 3.2 0. 44.	40					
42	WB 80 AG211969.603976.211863.603927.	1125 3.2 0. 44.	40					
58	wb 80 AG211704.603824.211500.603713.	575 3.2 0. 32.	40					
64	EB 80SB270AG210778.603284.210850.603300.	300 3.2 0. 44.	40					
65	EB 80SB270AG210850.603300.210918.603294.	300 3.2 0. 44.	40					
66	EB 80SB270AG210918.603294.210980.603262.	300 3.2 0. 44.	40					
71	EB 80 AG210939.603387.211180.603518.	300 3.2 0. 44.	40					
72	EB 80 AG211180.603518.211557.603727.	300 3.2 0. 44.	40					
2	SB RMP E80AG210940.603389.210778.603295.	300 3.2 0. 56.	40					
2	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3						

		S23B215P									
		60	12	5.0	300	32.2	1863	3	3		
0	1	SB RMP	E80AG210772.603286.210466.603118.	650	3.2	0.	56.	40			
0	1	SB RMP	WL8AG210939.603399.211080.603480.	175	3.2	0.	44.	40			
0	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2					
0	1	60	1	5.0	175	32.2	1517	3	3		
0	1	SB RMP	WT8AG210933.603408.211079.603489.	475	3.2	0.	44.	40			
0	1	SB RMP	W80AG211083.603489.211492.603717.	575	3.2	0.	44.	40			
0	1	SB RMP	W80AG210512.603159.210932.603403.	475	3.2	0.	44.	40			
0	1	SB RMP	WL AG210983.603264.210920.603384.	175	3.2	0.	32.	40			
0	1	SB RMP	CirAG211165.603508.211049.603414.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211049.603414.211008.603364.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211008.603364.211004.603287.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211004.603287.211029.603227.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211029.603227.211089.603177.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211089.603177.211193.603166.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211193.603166.211419.603175.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211419.603175.211499.603251.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211499.603251.211511.603344.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211511.603344.211486.603403.	300	2.9	0.	32.	30			
0	1	SB RMP	CirAG211486.603403.211423.603469.	300	2.9	0.	32.	30			
0	1	SB On RMP	AG212132.602583.212057.602692.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG212057.602692.211962.602817.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211962.602817.211858.602905.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211858.602905.211734.602975.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211734.602975.211590.603019.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211590.603019.211347.603049.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211347.603049.211193.603089.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211193.603089.211084.603156.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211084.603156.211020.603194.	350	2.9	0.	32.	30			
0	1	SB On RMP	AG211020.603194.210976.603256.	350	2.9	0.	32.	30			
0	1	NB GP	AG210288.604040.210994.603831.	3675	4.3	0.	44.	61			
0	1	NB GP	AG210994.603831.211305.603711.	3675	4.3	0.	44.	61			
0	1	NB GP	AG211305.603711.211575.603546.	3675	4.3	0.	44.	61			
0	1	NB GP	AG211575.603546.211828.603315.	3675	4.3	0.	44.	61			
0	1	NB GP	AG211828.603315.211976.603144.	3675	4.3	0.	44.	61			
0	1	NB GP	AG211976.603144.212095.602967.	3675	4.3	0.	44.	61			
0	1	NB ETL	AG210281.603985.210773.603848.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG210773.603848.211062.603762.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG211062.603762.211342.603634.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG211342.603634.211533.603513.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG211533.603513.211718.603362.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG211718.603362.211890.603183.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG211890.603183.212018.603004.	1575	4.3	0.	32.	61			
0	1	NB ETL	AG212018.603004.212104.602860.	1575	4.3	0.	32.	61			
0	1	SB ETL	AG212069.602828.211997.602953.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211997.602953.211855.603148.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211855.603148.211711.603304.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211711.603304.211544.603446.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211544.603446.211308.603599.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211308.603599.211112.603692.	550	4.3	0.	32.	61			
0	1	SB ETL	AG211112.603692.210901.603766.	550	4.3	0.	32.	61			
0	1	SB ETL	AG210901.603766.210314.603929.	550	4.3	0.	32.	61			
0	1	SB GP	AG212064.602739.211923.602984.	2025	4.3	0.	44.	61			
0	1	SB GP	AG211923.602984.211730.603225.	2025	4.3	0.	44.	61			

						S23B215P	
0	1	SB GP	AG211730.603225.211584.603358.	2025	4.3	0.44.	61
0	1	SB GP	AG211584.603360.211349.603520.	2025	4.3	0.44.	61
0	1	SB GP	AG211349.603520.211054.603666.	2025	4.3	0.44.	61
0	1	SB GP	AG211054.603666.210639.603797.	2025	4.3	0.44.	61
0	1	SB GP	AG210639.603797.210231.603904.	2025	4.3	0.44.	61
1.0	0.4	1000.0.0Y	5 0 72				

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:41:48.97

RUN: B215PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	2.9	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.3	603882.4	*	44.	331. AG	138.	100.0	.0	24.0	.55 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.9	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.9	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.3	603808.3	*	30.	31. AG	69.	100.0	.0	12.0	.39 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.9	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	2.9	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	2.9	.0	32.0	
9. 43	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	2.9	.0	32.0	
10. 43	NB on RMP*	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.38 .2
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	2.9	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	29.	100.0	.0	12.0	.52 4.8
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	2.9	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211662.7	603787.3	*	28.	241. AG	33.	100.0	.0	24.0	.34 1.4
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.2	.0	44.0	
16. 0	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	2.9	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	2.9	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	2.9	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	2.9	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	2.9	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	2.9	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	2.9	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	2.9	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	2.9	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	2.9	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	2.9	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	2.9	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	2.9	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	2.9	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	2.9	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	2.9	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.2	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.2	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	575.	3.2	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.2	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.2	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.2	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.2	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.2	.0	44.0	
40. 72	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.2	.0	56.0	
41. 72	SB RMP E80*	210928.0	603383.0	210912.7	603374.0	*	18.	240. AG	51.	100.0	.0	36.0	.79 .9
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.2	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.2	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210953.7	603406.7	*	5.	60. AG	3.	100.0	.0	24.0	.67 .3

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:41:48.97

RUN: B215PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	475.	3.2	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.2	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.2	.0	44.0	
48. 0	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.2	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	2.9	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	2.9	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	2.9	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	2.9	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	2.9	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	2.9	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	2.9	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	2.9	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	2.9	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	2.9	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	2.9	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.9	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.9	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.9	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.9	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.9	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.9	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.9	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.9	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.9	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.9	.0	32.0	
70. 0	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	3675.	4.3	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	3675.	4.3	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	3675.	4.3	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	3675.	4.3	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	3675.	4.3	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	3675.	4.3	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1575.	4.3	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1575.	4.3	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1575.	4.3	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1575.	4.3	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1575.	4.3	.0	32.0	

S23B215P													
81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1575.	4.3	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1575.	4.3	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1575.	4.3	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	550.	4.3	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	550.	4.3	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	550.	4.3	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	550.	4.3	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	550.	4.3	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	550.	4.3	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	550.	4.3	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	550.	4.3	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2025.	4.3	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2025.	4.3	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2025.	4.3	.0	44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	2025.	4.3	.0	44.0

1

PAGE 3

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:41:48.97

RUN: B215PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2025.	4.3	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2025.	4.3	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2025.	4.3	.0	44.0

1

PAGE 4

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:41:48.97

RUN: B215PM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	5.0	225	1681	32.20	3	3
5. 20	NB off Ram*	90	72	5.0	75	1583	32.20	3	3
10.	NB on RMP*	90	1	5.0	550	1583	32.20	3	3
12. 57	NB RMP WT8*	90	30	5.0	575	1863	32.20	3	3
14.	NB RMP E80*	90	17	5.0	600	1203	32.20	3	3
41.	SB RMP E80*	60	12	5.0	300	186	32.00	1	3
44.	SB RMP WL8*	60	1	5.0	175	151	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
5.	* .0	.1	.2	.2	.1	.1	.2	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
10.	* .0	.0	.2	.2	.1	.1	.2	.2	.1	.2	.1	.1	.2	.2	.0	.0	.0
15.	* .0	.0	.0	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.2	.0	.0	.0
20.	* .1	.0	.0	.1	.1	.0	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
25.	* .1	.0	.0	.1	.0	.0	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
30.	* .1	.1	.0	.1	.0	.0	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
35.	* .1	.1	.0	.1	.0	.1	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
40.	* .0	.0	.0	.1	.0	.1	.1	.2	.2	.2	.1	.1	.3	.2	.0	.0	.0
45.	* .0	.0	.0	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
50.	* .0	.0	.0	.1	.0	.0	.1	.2	.2	.4	.1	.1	.2	.2	.0	.0	.0
55.	* .0	.0	.0	.1	.0	.0	.1	.1	.2	.3	.1	.1	.2	.2	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.1	.1	.2	.1	.1	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.1	.1	.1	.1	.1	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.1	.1	.1	.0	.1	.2	.0
75.	* .0	.0	.0	.0	.0	.1	.0	.2	.3	.3	.0	.0	.0	.0	.2	.1	.0
80.	* .0	.0	.0	.0	.0	.1	.0	.1	.3	.3	.0	.0	.0	.0	.2	.2	.0
85.	* .0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.0	.0	.0	.0	.2	.2	.0
90.	* .0	.0	.0	.0	.0	.1	.0	.1	.2	.4	.0	.0	.0	.0	.3	.1	.0

S23B215P

95.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.3	.0	.0	.0	.3	.1	.0
100.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.0	.0	.0	.2	.1	.0
105.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.0	.0	.0	.2	.1	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.0	.1
185.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1	.0	.1	.1	.1
190.	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1	.0	.1	.1	.1
195.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.1	.1	.1	.3	.1	.2
200.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.1	.1	.1	.3	.1	.1
205.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.1	.1	.3	.1	.2

1

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.1	.1	.0	.2	.0	.2
215.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.0	.1	.1	.0	.2	.0	.2
220.	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.2
225.	*	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.2
230.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
235.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0	.1	.0
245.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.0	.0	.1
250.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.1	.1
255.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0	.1	.1
260.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.1	.1
265.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.1	.1
270.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.3	.2	.2	.2	.0	.1	.1
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.3	.1	.2	.2	.0	.0	.1
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.1	.2	.2	.0	.0	.0
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0
300.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0
305.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0
310.	*	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.0	.0	.0
315.	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
320.	*	.0	.0	.1	.1	.0	.0	.1	.1	.2	.2	.1	.1	.2	.2	.0	.0	.0
325.	*	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
330.	*	.1	.0	.1	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
335.	*	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
340.	*	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
345.	*	.1	.1	.2	.1	.1	.1	.2	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
350.	*	.1	.1	.2	.2	.1	.1	.2	.2	.2	.3	.1	.1	.2	.2	.0	.0	.0
355.	*	.1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
360.	*	.1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.0
MAX		.1	.1	.2	.2	.1	.2	.2	.3	.3	.4	.3	.3	.3	.2	.3	.2	.2
DEGR.	*	0	0	0	0	0	195	0	65	70	50	270	270	35	0	90	70	195

THE HIGHEST CONCENTRATION IS .40 PPM AT 50 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 65 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC9 .

1

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

PAGE 7

DATE: 03/16/2007 TIME: 22:41:48.97

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23NB30A.DAT		
NB 270&80 RAMPS (S23NB30A.DAT)	60.0175.0.0000.000170.30480000	11	1		
CRN SB ON	210891. 603267. 5.0				
82' SB ON	210829. 603265. 5.0				
164' SB ON	210751. 603234. 5.0				
MID SB ON	210664. 603190. 5.0				
MID SB ON NS ROW	210617. 603276. 5.0				
162' SB ON NS ROW	210744. 603330. 5.0				
CR SB ON NS ROW	210864. 603396. 5.0				
CR SB ON NE	210952. 603444. 5.0				
82' SB ON NE	211008. 603473. 5.0				
MID SB ON NE	211080. 603509. 5.0				
NB ON CRN SS	211768. 603820. 5.0				
NB ON 82' SS	211813. 603846. 5.0				
NB 164' SS	211916. 603904. 5.0				
NB MID SS	212135. 604030. 5.0				
NB ON MID	211908. 603986. 5.0				
NB ON 164'	211812. 603942. 5.0				
NB ON CRN	211720. 603937. 5.0				
SITE 23 NB I270&80RAMPS AM	98 1 1				
1 I-270 NB	AG212123.602857.211994.603067.	2600 3.7 0. 44.	58		
2 "	AG211994.603067.211815.603289.	2600 3.7 0. 44.	58		
3 "	AG211815.603289.211559.603515.	2600 3.7 0. 44.	58		
4 "	AG211559.603515.211253.603705.	2600 3.7 0. 44.	58		
5 "	AG211253.603705.210964.603808.	2600 3.7 0. 44.	58		
6 "	AG210964.603808.210632.603909.	2600 3.7 0. 44.	58		
7 "	AG210632.603909.210521.603943.	2600 3.7 0. 44.	58		
8 NB OFF TO 80	AG211253.603705.211126.603793.	225 2.6 0. 32.	30		
9 "	AG211126.603793.211096.603870.	225 2.6 0. 32.	30		
10 "	AG211096.603870.211099.603928.	225 2.6 0. 32.	30		
11 "	AG211099.603928.211132.603985.	225 2.6 0. 32.	30		
12 "	AG211132.603985.211202.604026.	225 2.6 0. 32.	30		
13 "	AG211202.604026.211506.604039.	225 2.6 0. 32.	30		
14 "	AG211506.604039.211574.604009.	225 2.6 0. 32.	30		
15 "	AG211574.604009.211619.603949.	225 2.6 0. 32.	30		
16 NB OFF LEFT	AG211619.603949.211694.603814.	200 2.6 0. 44.	30		
17 " 150	Q AG211678.603844.211643.603906. 4. 200 28.3 1681 2 3	0. 24. 2			
18 NB OFF RIGHT	AG211619.603949.211622.603852.	25 2.6 0. 32.	30		
19 "	AG211622.603852.211576.603776.	25 2.6 0. 32.	30		
20 " 150	Q AG211581.603783.211619.603846. 4. 25 28.3 1583 2 3	0. 12. 1			
21 "	AG211576.603776.211500.603713.	25 2.6 0. 32.	30		
22 I-270 SB	AG210496.603858.210975.603725.	5625 2.8 0. 44.	40		
23 "	AG210975.603725.211238.603621.	5625 2.8 0. 44.	40		
24 "	AG211238.603621.211517.603438.	5625 2.8 0. 44.	40		
25 "	AG211517.603438.211675.603313.	5625 2.8 0. 44.	40		
26 "	AG211675.603313.211775.603212.	5625 2.8 0. 44.	40		
27 "	AG211775.603212.212061.602812.	5625 2.8 0. 44.	40		
28 270SB OFF TO 80	AG211517.603438.211562.603334.	2025 2.6 0. 32.	30		
29 "	AG211562.603334.211547.603254.	2025 2.6 0. 32.	30		
30 "	AG211547.603254.211495.603196.	2025 2.6 0. 32.	30		
31 "	AG211495.603196.211437.603174.	2025 2.6 0. 32.	30		
32 "	AG211437.603174.211134.603171.	2025 2.6 0. 32.	30		
33 "	AG211134.603171.211056.603197.	2025 2.6 0. 32.	30		
34 "	AG211056.603197.211000.603280.	2025 2.6 0. 32.	30		
35 SB OFFSPLIT T080	AG211000.603280.210939.603387.	675 3.3 0. 32.	15		
36 NB80RMLPT 90 73	AG210952.603364.210991.603296. 2. 675 28.3 1770 1 3	0. 12. 1			
37 SB OFFSPLIT T080	AG211000.603280.211006.603365.	1 3.3 0. 32.	15		
38 "	AG211006.603365.211042.603414.	1 2.6 0. 32.	30		
39 " 90 73	AG211039.603409.211008.603368. 2. 1 28.3 1750 3 3	0. 12. 1			
40 "	AG211042.603414.211180.603518.	1 2.6 0. 32.	30		
41 WB 80	AG212296.604166.211969.603976.	1200 2.8 0. 44.	40		

S23NB30A.DAT

42	"	AG211969.603976.211863.603927.	1200 2.8	0. 44.	40
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	750 2.8	0. 44.	40
44	1 "	AG211763.603900.211658.603923.	750 2.8	0. 44.	40
45	2 "	AG211700.603914.211755.603901.	0. 12.	1	
	90	5 2. 1 28.3 1750 1 3			
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	900 2.6	0. 32.	30
47	1 I-270 NB ON	AG211599.604013.211532.604055.	900 2.6	0. 32.	30
48	1 "	AG211532.604055.211438.604062.	900 2.6	0. 32.	30
49	1 "	AG211438.604062.211206.604048.	900 2.6	0. 32.	30
50	1 "	AG211206.604048.211148.604025.	900 2.6	0. 32.	30
51	1 "	AG211148.604025.211083.603964.	900 2.6	0. 32.	30
52	1 "	AG211083.603964.211022.603890.	900 2.6	0. 32.	30
53	1 "	AG211022.603890.210965.603858.	900 2.6	0. 32.	30
54	1 "	AG210965.603858.210905.603856.	900 2.6	0. 32.	30
55	1 "	AG210905.603856.210632.603909.	900 2.6	0. 32.	30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	450 2.8	0. 32.	40
57	2 "	AG211726.603838.211805.603889.	0. 12.	1	
	150	30 4. 450 28.3 1863 2 3			
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	450 2.8	0. 32.	40
59	1 "	AG211500.603713.210937.603394.	475 2.8	0. 32.	40
60	2 " Q	AG210962.603409.211025.603444.	0. 12.	1	
	150	46 2. 475 28.3 494 3 3			
61	1 80 WB	AG210937.603394.210562.603186.	750 2.8	0. 32.	40
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	675 2.8	0. 44.	40
63	1 "	AG210667.603227.210778.603284.	675 2.8	0. 44.	40
64	1 "	AG210778.603284.210850.603300.	2 2.8	0. 44.	40
65	1 "	AG210850.603300.210918.603294.	2 2.8	0. 44.	40
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
67	1 "	AG210918.603294.210980.603262.	2 2.8	0. 44.	40
68	1 80WB @ SB RP TL	AG210778.603284.210830.603323.	400 2.8	0. 44.	40
69	1 "	AG210830.603323.210939.603387.	400 2.8	0. 44.	40
70	2 " Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	800 2.8	0. 44.	40
72	1 "	AG211180.603518.211557.603727.	800 2.8	0. 44.	40
73	1 "	AG211557.603727.211989.603968.	800 2.8	0. 44.	40
70	2 eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	150	19 4. 1 28.3 712 2 3			
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	150	46 4. 800 28.3 1863 2 3			
74	1 80 EB	AG211989.603968.212305.604152.	2075 2.8	0. 44.	40
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	525 2.6	0. 32.	30
76	1 "	AG211024.603189.211087.603149.	525 2.6	0. 32.	30
77	1 "	AG211087.603149.211145.603140.	525 2.6	0. 32.	30
78	1 "	AG211145.603140.211440.603144.	525 2.6	0. 32.	30
79	1 "	AG211440.603144.211499.603163.	525 2.6	0. 32.	30
80	1 "	AG211499.603163.211594.603223.	525 2.6	0. 32.	30
81	1 "	AG211594.603223.211664.603235.	525 2.6	0. 32.	30
82	1 "	AG211664.603235.211775.603212.	525 2.6	0. 32.	30
83	1 I-270 NB	AG210521.603943.209400.604253.	3275 3.6	0. 44.	56
84	1 "	AG209400.604253.208836.604494.	3275 3.6	0. 44.	56
85	1 "	AG208836.604494.208166.604895.	3275 3.6	0. 44.	56
86	1 "	AG208166.604895.207724.605289.	3275 3.6	0. 44.	56
87	1 I-270 SB	AG207646.605231.208105.604843.	2500 2.6	0. 44.	30
88	1 "	AG208105.604843.208804.604420.	2500 2.6	0. 44.	30
89	1 "	AG208804.604420.209380.604177.	2500 2.6	0. 44.	30

			S23NB30A.DAT	
90	1 "	AG209380.604177.210495.603858.	2500 2.6 0. 44.	30
91	1 I-270 NB	AG207724.605289.207503.605510.	3275 3.6 0. 44.	56
92	1 "	AG207503.605510.207122.605997.	3275 3.6 0. 44.	56
93	1 "	AG207122.605997.206735.606587.	3275 3.6 0. 44.	56
94	1 I-270 SB	AG206638.606543.206943.606090.	2500 2.6 0. 44.	30
95	1 "	AG206943.606090.207418.605459.	2500 2.6 0. 44.	30
96	1 "	AG207418.605459.207644.605229.	2500 2.6 0. 44.	30
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: NB 270&80 RAMPS (S23NB30A.DAT)
DATE: 12/20/2006 TIME: 10:23:48.37

RUN: SITE 23 NB I270&80RAMPS AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		X1	LINK COORDINATES (FT)		Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			Y1	X2									
1.	1 I-270 NB		212123.0	602857.0	211994.0	603067.0	246.	328. AG	2600.	3.7	.0	44.0	
2.	2 "		211994.0	603067.0	211815.0	603289.0	285.	321. AG	2600.	3.7	.0	44.0	
3.	3 "		211815.0	603289.0	211559.0	603515.0	341.	311. AG	2600.	3.7	.0	44.0	
4.	4 "		211559.0	603515.0	211253.0	603705.0	360.	302. AG	2600.	3.7	.0	44.0	
5.	5 "		211253.0	603705.0	210964.0	603808.0	307.	290. AG	2600.	3.7	.0	44.0	
6.	6 "		210964.0	603808.0	210632.0	603909.0	347.	287. AG	2600.	3.7	.0	44.0	
7.	7 "		210632.0	603909.0	210521.0	603943.0	116.	287. AG	2600.	3.7	.0	44.0	
8.	8 NB OFF TO 80		211253.0	603705.0	211126.0	603793.0	155.	305. AG	225.	2.6	.0	32.0	
9.	9 "		211126.0	603793.0	211096.0	603870.0	83.	339. AG	225.	2.6	.0	32.0	
10.	10 "		211096.0	603870.0	211099.0	603928.0	58.	3. AG	225.	2.6	.0	32.0	
11.	11 "		211099.0	603928.0	211132.0	603985.0	66.	30. AG	225.	2.6	.0	32.0	
12.	12 "		211132.0	603985.0	211202.0	604026.0	81.	60. AG	225.	2.6	.0	32.0	
13.	13 "		211202.0	604026.0	211506.0	604039.0	304.	88. AG	225.	2.6	.0	32.0	
14.	14 "		211506.0	604039.0	211574.0	604009.0	74.	114. AG	225.	2.6	.0	32.0	
15.	15 "		211574.0	604009.0	211619.0	603949.0	75.	143. AG	225.	2.6	.0	32.0	
16.	16 NB OFF LEFT		211619.0	603949.0	211694.0	603814.0	154.	151. AG	200.	2.6	.0	44.0	
17.	17 " Q		211678.0	603844.0	211643.1	603905.9	71.	331. AG	132. 100.0	.0	24.0	.64	3.6
18.	18 NB OFF RIGHT		211619.0	603949.0	211622.0	603852.0	97.	178. AG	25.	2.6	.0	32.0	
19.	19 "		211622.0	603852.0	211576.0	603776.0	89.	211. AG	25.	2.6	.0	32.0	
20.	20 " Q		211581.0	603783.0	211590.2	603798.2	18.	31. AG	66. 100.0	.0	12.0	.17	.9
21.	21 "		211576.0	603776.0	211500.0	603713.0	99.	230. AG	25.	2.6	.0	32.0	
22.	22 I-270 SB		210496.0	603858.0	210975.0	603725.0	497.	106. AG	5625.	2.8	.0	44.0	
23.	23 "		210975.0	603725.0	211238.0	603621.0	283.	112. AG	5625.	2.8	.0	44.0	
24.	24 "		211238.0	603621.0	211517.0	603438.0	334.	123. AG	5625.	2.8	.0	44.0	
25.	25 "		211517.0	603438.0	211675.0	603313.0	201.	128. AG	5625.	2.8	.0	44.0	
26.	26 "		211675.0	603313.0	211775.0	603212.0	142.	135. AG	5625.	2.8	.0	44.0	
27.	27 "		211775.0	603212.0	212061.0	602812.0	492.	144. AG	5625.	2.8	.0	44.0	
28.	28 270SB OFF TO 80		211517.0	603438.0	211562.0	603334.0	113.	157. AG	2025.	2.6	.0	32.0	
29.	29 "		211562.0	603334.0	211547.0	603254.0	81.	191. AG	2025.	2.6	.0	32.0	
30.	30 "		211547.0	603254.0	211495.0	603196.0	78.	222. AG	2025.	2.6	.0	32.0	
31.	31 "		211495.0	603196.0	211437.0	603174.0	62.	249. AG	2025.	2.6	.0	32.0	
32.	32 "		211437.0	603174.0	211134.0	603171.0	303.	269. AG	2025.	2.6	.0	32.0	
33.	33 "		211134.0	603171.0	211056.0	603197.0	82.	288. AG	2025.	2.6	.0	32.0	
34.	34 "		211056.0	603197.0	211000.0	603280.0	100.	326. AG	2025.	2.6	.0	32.0	
35.	35 SB OFFSPLIT T080*		211000.0	603280.0	210939.0	603387.0	123.	330. AG	675.	3.3	.0	32.0	
36.	36 NB80RMLPT		210952.0	603364.0	213245.9	599365.7	4610.	150. AG	62. 100.0	.0	12.0	2.65	234.2
37.	37 SB OFFSPLIT T080*		211000.0	603280.0	211006.0	603365.0	85.	4. AG	1. 3.3	.0	32.0		
38.	38 "		211006.0	603365.0	211042.0	603414.0	61.	36. AG	1. 2.6	.0	32.0		
39.	39 "		211039.0	603409.0	211038.8	603408.7	0.	218. AG	62. 100.0	.0	12.0	.00	.0
40.	40 "		211042.0	603414.0	211180.0	603518.0	173.	53. AG	1. 2.6	.0	32.0		
41.	41 WB 80		212296.0	604166.0	211969.0	603976.0	378.	240. AG	1200.	2.8	.0	44.0	
42.	42 "		211969.0	603976.0	211863.0	603927.0	117.	245. AG	1200.	2.8	.0	44.0	
43.	43 RT ON FR 80W		211863.0	603927.0	211763.0	603900.0	104.	255. AG	750.	2.8	.0	44.0	
44.	44 "		211763.0	603900.0	211658.0	603923.0	107.	282. AG	750.	2.8	.0	44.0	

JOB: NB 270&80 RAMPS (S23NB30A.DAT)
DATE: 12/20/2006 TIME: 10:23:48.37

RUN: SITE 23 NB I270&80RAMPS AM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	45	"	* 211700.0	603914.0	211700.0	603914.0	*	0	70.	AG	4.	100.0	.0	12.0	.00
46.	46	80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	*	108.	327.	AG	900.	2.6	.0	32.0	
47.	47	I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	*	79.	302.	AG	900.	2.6	.0	32.0	
48.	48	"	* 211532.0	604055.0	211438.0	604062.0	*	94.	274.	AG	900.	2.6	.0	32.0	
49.	49	"	* 211438.0	604062.0	211206.0	604048.0	*	232.	267.	AG	900.	2.6	.0	32.0	
50.	50	"	* 211206.0	604048.0	211148.0	604025.0	*	62.	248.	AG	900.	2.6	.0	32.0	
51.	51	"	* 211148.0	604025.0	211083.0	603964.0	*	89.	227.	AG	900.	2.6	.0	32.0	
52.	52	"	* 211083.0	603964.0	211022.0	603890.0	*	96.	219.	AG	900.	2.6	.0	32.0	
53.	53	"	* 211022.0	603890.0	210965.0	603858.0	*	65.	241.	AG	900.	2.6	.0	32.0	
54.	54	"	* 210965.0	603858.0	210905.0	603856.0	*	60.	268.	AG	900.	2.6	.0	32.0	
55.	55	"	* 210905.0	603856.0	210632.0	603909.0	*	278.	281.	AG	900.	2.6	.0	32.0	
56.	56	80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	*	189.	237.	AG	450.	2.8	.0	32.0	
57.	57	"	* 211726.0	603838.0	211788.0	603878.1	*	74.	57.	AG	15.	100.0	.0	12.0	.32 3.8
58.	58	80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	*	232.	241.	AG	450.	2.8	.0	32.0	
59.	59	"	* 211500.0	603713.0	210937.0	603394.0	*	647.	240.	AG	475.	2.8	.0	32.0	
60.	60	" Q	* 210962.0	603409.0	212434.5	604227.3	*	1685.	61.	AG	23.	100.0	.0	12.0	1.44 85.6
61.	61	80 WB	* 210937.0	603394.0	210562.0	603186.0	*	429.	241.	AG	750.	2.8	.0	32.0	
62.	62	80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	*	112.	60.	AG	675.	2.8	.0	44.0	
63.	63	"	* 210667.0	603227.0	210778.0	603284.0	*	125.	63.	AG	675.	2.8	.0	44.0	
64.	64	"	* 210778.0	603284.0	210850.0	603300.0	*	74.	77.	AG	2.	2.8	.0	44.0	
65.	65	"	* 210850.0	603300.0	210918.0	603294.0	*	68.	95.	AG	2.	2.8	.0	44.0	
66.	66	80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	*	0.	250.	AG	4.	100.0	.0	12.0	.00
67.	67	"	* 210918.0	603294.0	210980.0	603262.0	*	70.	117.	AG	2.	2.8	.0	44.0	
68.	68	80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	*	65.	53.	AG	400.	2.8	.0	44.0	
69.	69	"	* 210830.0	603323.0	210939.0	603377.0	*	126.	60.	AG	400.	2.8	.0	44.0	
70.	70	" Q	* 210915.0	603373.0	210915.0	603373.0	*	0.	250.	AG	8.	100.0	.0	24.0	.00
71.	71	80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	*	274.	61.	AG	800.	2.8	.0	44.0	
72.	72	"	* 211180.0	603518.0	211557.0	603727.0	*	431.	61.	AG	800.	2.8	.0	44.0	
73.	73	"	* 211557.0	603727.0	211899.0	603968.0	*	495.	61.	AG	800.	2.8	.0	44.0	
74.	70	eb r Q	* 210915.0	603373.0	210914.9	603373.0	*	0.	240.	AG	10.	100.0	.0	12.0	.00
75.	70	eb thru Q	* 210915.0	603373.0	210828.0	603322.5	*	101.	240.	AG	47.	100.0	.0	24.0	.33 5.1
76.	74	80 EB	* 211989.0	603968.0	212305.0	604152.0	*	366.	60.	AG	2075.	2.8	.0	44.0	
77.	75	80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	*	85.	149.	AG	525.	2.6	.0	32.0	
78.	76	"	* 211024.0	603189.0	211087.0	603149.0	*	75.	122.	AG	525.	2.6	.0	32.0	
79.	77	"	* 211087.0	603149.0	211145.0	603140.0	*	59.	99.	AG	525.	2.6	.0	32.0	
80.	78	"	* 211145.0	603140.0	211440.0	603144.0	*	295.	89.	AG	525.	2.6	.0	32.0	

S23NB30A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	525.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	525.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	525.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	525.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3275.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3275.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3275.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3275.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2500.	2.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2500.	2.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2500.	2.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2500.	2.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3275.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3275.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3275.	3.6	.0	44.0

1

PAGE 3

JOB: NB 270&80 RAMPS (S23NB30A.DAT) RUN: SITE 23 NB I270&80RAMPS AM
DATE: 12/20/2006 TIME: 10:23:48.37

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)	
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2500.	2.6	.0 44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2500.	2.6	.0 44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2500.	2.6	.0 44.0

1

PAGE 4

JOB: NB 270&80 RAMPS (S23NB30A.DAT) RUN: SITE 23 NB I270&80RAMPS AM
DATE: 12/20/2006 TIME: 10:23:48.37

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	150	130	4.0	200	1681	28.30	2 3
20. 20 " Q	*	150	130	4.0	25	1583	28.30	2 3
36. 36 " NB80RMPLT	*	90	73	2.0	675	1770	28.30	1 3
39. 39 " "	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " "	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " "	*	150	30	4.0	450	1863	28.30	2 3
60. 60 " Q	*	150	46	2.0	475	494	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	150	46	4.0	800	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z	
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: NB 270&80 RAMPS (S23NB30A.DAT) RUN: SITE 23 NB I270&80RAMPS AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.2	.1	.2	.1	.1	.1	.1	.1	.1	.3	.1	.1	.2	.3	.0	.0	.0
5.	*	.1	.2	.2	.1	.1	.1	.1	.2	.2	.3	.1	.1	.2	.3	.0	.0	.0
10.	*	.0	.2	.2	.1	.1	.1	.1	.1	.2	.3	.1	.1	.2	.4	.0	.0	.0
15.	*	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	.2	.4	.0	.0	.0
20.	*	.1	.1	.0	.2	.1	.1	.1	.2	.2	.3	.1	.1	.3	.5	.0	.0	.0
25.	*	.1	.2	.0	.1	.1	.1	.1	.2	.2	.3	.2	.2	.3	.5	.0	.0	.0
30.	*	.1	.2	.0	.2	.1	.0	.1	.2	.2	.3	.2	.2	.3	.5	.0	.0	.0
35.	*	.1	.2	.1	.2	.0	.1	.1	.2	.2	.2	.2	.2	.5	.5	.0	.0	.0
40.	*	.1	.2	.1	.2	.0	.1	.1	.1	.1	.1	.2	.2	.5	.5	.0	.0	.0
45.	*	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.2	.2	.4	.5	.0	.0	.0
50.	*	.1	.0	.0	.0	.0	.1	.1	.1	.1	.3	.2	.3	.4	.5	.0	.0	.0
55.	*	.2	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2	.3	.4	.4	.0	.0	.0
60.	*	.2	.1	.0	.0	.0	.0	.0	.2	.3	.3	.1	.2	.3	.3	.2	.0	.0
65.	*	.2	.1	.0	.0	.0	.0	.1	.2	.3	.3	.1	.2	.2	.2	.2	.1	.0
70.	*	.2	.1	.0	.0	.0	.1	.1	.2	.3	.3	.1	.1	.1	.2	.2	.1	.0

S23NB30A.OUT

75.	*	.1	.0	.0	.0	.0	.1	.1	.3	.3	.4	.0	.0	.1	.2	.2	.0
80.	*	.1	.0	.0	.0	.0	.2	.2	.3	.3	.5	.0	.0	.1	.2	.2	.0
85.	*	.1	.0	.0	.0	.0	.2	.1	.3	.3	.4	.0	.0	.1	.2	.1	.0
90.	*	.1	.0	.0	.0	.0	.2	.0	.3	.3	.3	.0	.0	.0	.3	.1	.0
95.	*	.2	.0	.0	.0	.0	.1	.0	.1	.3	.3	.0	.0	.0	.3	.1	.0
100.	*	.2	.0	.0	.0	.0	.1	.0	.1	.1	.3	.0	.0	.0	.2	.1	.0
105.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.0	.0	.0	.2	.0	.0
110.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0
115.	*	.1	.1	.0	.0	.0	.1	.3	.1	.1	.1	.0	.0	.0	.1	.1	.0
120.	*	.1	.1	.0	.0	.0	.1	.3	.1	.1	.1	.0	.0	.0	.1	.1	.0
125.	*	.1	.1	.0	.0	.0	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.0
130.	*	.1	.1	.0	.0	.0	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1
135.	*	.1	.1	.0	.0	.0	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1
140.	*	.1	.1	.0	.0	.0	.2	.3	.2	.1	.1	.0	.0	.0	.1	.1	.1
145.	*	.1	.1	.0	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.1	.1	.1
150.	*	.1	.0	.0	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1
155.	*	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.1	.1	.1
160.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.1	.1	.1
165.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.1	.1	.1
170.	*	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.0	.1	.1	.2
175.	*	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.0	.1	.2	.1
180.	*	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.0	.1	.1	.0	.1	.1
185.	*	.0	.0	.0	.0	.0	.1	.2	.0	.2	.1	.0	.0	.0	.1	.1	.1
190.	*	.0	.0	.0	.0	.0	.1	.2	.0	.2	.1	.1	.0	.0	.1	.1	.1
195.	*	.0	.0	.0	.0	.0	.1	.2	.0	.2	.1	.1	.0	.0	.2	.1	.2
200.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.1	.0	.0	.2	.1	.2
205.	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.2	.1	.0	.0	.2	.1	.2

1

JOB: NB 270&80 RAMPS (S23NB30A.DAT)

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.2	.1	.3
215.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.2	.0	.0	.0	.1	.2	.1	.3
220.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.1	.0	.0	.1	.2	.2	.3
225.	*	.0	.0	.0	.0	.0	.1	.1	.2	.0	.1	.1	.1	.0	.1	.3	.2	.3
230.	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.1	.1	.0	.2	.3
235.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.2	.2	.2	.0	.1	.2
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.3	.0	.1	.2
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.5	.0	.1	.2
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.0	.1	.2
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.0	.1	.2
260.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.0	.0	.1
265.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.5	.0	.0	.0
270.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.5	.0	.0	.0
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.5	.0	.0	.0
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.5	.0	.0	.0
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.4	.0	.0	.0
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.4	.0	.0	.0
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.3	.0	.0	.0
300.	*	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2	.2	.1	.2	.3	.0	.0	.0
305.	*	.0	.0	.1	.1	.0	.0	.1	.1	.2	.2	.2	.1	.2	.3	.0	.0	.0
310.	*	.0	.0	.1	.1	.0	.0	.1	.2	.2	.1	.2	.1	.2	.3	.0	.0	.0
315.	*	.1	.1	.1	.1	.0	.1	.1	.2	.1	.2	.2	.1	.2	.3	.0	.0	.0
320.	*	.0	.1	.1	.1	.0	.1	.1	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0
325.	*	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.3	.0	.0	.0
330.	*	.2	.0	.1	.1	.0	.0	.1	.1	.2	.3	.1	.1	.2	.3	.0	.0	.0
335.	*	.2	.1	.1	.1	.0	.0	.1	.1	.2	.2	.1	.1	.2	.3	.0	.0	.0
340.	*	.2	.1	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.2	.3	.0	.0	.0
345.	*	.2	.1	.2	.0	.0	.1	.1	.2	.1	.2	.1	.1	.2	.3	.0	.0	.0
350.	*	.2	.1	.2	.0	.0	.1	.1	.1	.2	.2	.1	.1	.2	.3	.0	.0	.0
355.	*	.2	.1	.2	.1	.1	.1	.1	.1	.2	.3	.1	.1	.2	.3	.0	.0	.0
360.	*	.2	.1	.2	.1	.1	.1	.1	.1	.3	.1	.1	.1	.2	.3	.0	.0	.0
MAX DEGR.	*	.2	.2	.2	.2	.1	.2	.3	.3	.3	.5	.3	.3	.5	.5	.3	.2	.3

THE HIGHEST CONCENTRATION IS .50 PPM AT 80 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 35 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 20 DEGREES FROM REC14.

1

JOB: NB 270&80 RAMPS (S23NB30A.DAT)

RUN: SITE 23 NB I270&80RAMPS AM

PAGE 7

DATE: 12/20/2006 TIME: 10:23:48.37

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

NB 270&80 RAMPS (S23NB30P.DAT)			S23NB30P.DAT		
			60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891.	603267.	5.0		
82' SB ON	210829.	603265.	5.0		
164' SB ON	210751.	603234.	5.0		
MID SB ON	210664.	603190.	5.0		
MID SB ON NS ROW	210617.	603276.	5.0		
162' SB ON NS ROW	210744.	603330.	5.0		
CR SB ON NS ROW	210864.	603396.	5.0		
CR SB ON NE	210952.	603444.	5.0		
82' SB ON NE	211008.	603473.	5.0		
MID SB ON NE	211080.	603509.	5.0		
NB ON CRN SS	211768.	603820.	5.0		
NB ON 82' SS	211813.	603846.	5.0		
NB 164' SS	211916.	603904.	5.0		
NB MID SS	212135.	604030.	5.0		
NB ON MID	211908.	603986.	5.0		
NB ON 164'	211812.	603942.	5.0		
NB ON CRN	211720.	603937.	5.0		
SITE 23 NB I270&80RAMPS PM			98 1 1		
1 I-270 NB	AG212123.602857.211994.603067.		6100 2.6 0. 44.	36	
2 "	AG211994.603067.211815.603289.		6100 2.6 0. 44.	36	
3 "	AG211815.603289.211559.603515.		6100 2.6 0. 44.	36	
4 "	AG211559.603515.211253.603705.		6100 2.6 0. 44.	36	
5 "	AG211253.603705.210964.603808.		6100 2.6 0. 44.	36	
6 "	AG210964.603808.210632.603909.		6100 2.6 0. 44.	36	
7 "	AG210632.603909.210521.603943.		6100 2.6 0. 44.	36	
8 NB OFF TO 80	AG211253.603705.211126.603793.		325 2.6 0. 32.	30	
9 "	AG211126.603793.211096.603870.		325 2.6 0. 32.	30	
10 "	AG211096.603870.211099.603928.		325 2.6 0. 32.	30	
11 "	AG211099.603928.211132.603985.		325 2.6 0. 32.	30	
12 "	AG211132.603985.211202.604026.		325 2.6 0. 32.	30	
13 "	AG211202.604026.211506.604039.		325 2.6 0. 32.	30	
14 "	AG211506.604039.211574.604009.		325 2.6 0. 32.	30	
15 "	AG211574.604009.211619.603949.		325 2.6 0. 32.	30	
16 NB OFF LEFT	AG211619.603949.211694.603814.		275 2.6 0. 44.	30	
17 " 90	Q AG211678.603844.211643.603906.		0. 24. 2		
	71 4. 275 28.3 1681 2 3				
18 NB OFF RIGHT	AG211619.603949.211622.603852.		100 2.6 0. 32.	30	
19 "	AG211622.603852.211576.603776.		100 2.6 0. 32.	30	
20 " 90	Q AG211581.603783.211619.603846.		0. 12. 1		
	71 4. 100 28.3 1583 2 3				
21 "	AG211576.603776.211500.603713.		100 2.6 0. 32.	30	
22 I-270 SB	AG210496.603858.210975.603725.		2925 3.7 0. 44.	58	
23 "	AG210975.603725.211238.603621.		2925 3.7 0. 44.	58	
24 "	AG211238.603621.211517.603438.		2925 3.7 0. 44.	58	
25 "	AG211517.603438.211675.603313.		2925 3.7 0. 44.	58	
26 "	AG211675.603313.211775.603212.		2925 3.7 0. 44.	58	
27 "	AG211775.603212.212061.602812.		2925 3.7 0. 44.	58	
28 270SB OFF TO 80	AG211517.603438.211562.603334.		650 2.6 0. 32.	30	
29 "	AG211562.603334.211547.603254.		650 2.6 0. 32.	30	
30 "	AG211547.603254.211495.603196.		650 2.6 0. 32.	30	
31 "	AG211495.603196.211437.603174.		650 2.6 0. 32.	30	
32 "	AG211437.603174.211134.603171.		650 2.6 0. 32.	30	
33 "	AG211134.603171.211056.603197.		650 2.6 0. 32.	30	
34 "	AG211056.603197.211000.603280.		650 2.6 0. 32.	30	
35 SB OFFSPLIT T080	AG211000.603280.210939.603387.		150 3.3 0. 32.	15	
36 " 90	NB80RMLT AG210952.603364.210991.603296.		0. 12. 1		
	71 2. 150 28.3 1770 1 3				
37 SB OFFSPLIT T080	AG211000.603280.211006.603365.		1 3.3 0. 32.	15	
38 "	AG211006.603365.211042.603414.		1 2.6 0. 32.	30	
39 " 90	AG211039.603409.211008.603368.		0. 12. 1		
	73 2. 1 28.3 1750 3 3				
40 "	AG211042.603414.211180.603518.		1 2.6 0. 32.	30	
41 WB 80	AG212296.604166.211969.603976.		1825 2.8 0. 44.	40	

S23NB30P.DAT

42	"	AG211969.603976.211863.603927.	1825 2.8	0. 44.	40
43	1 RT ON FR 80W	AG211863.603927.211763.603900.	550 2.8	0. 44.	40
44	1 "	AG211763.603900.211658.603923.	550 2.8	0. 44.	40
45	2 "	AG211700.603914.211755.603901.	0. 12.	1	
	90	5 2. 1 28.3 1750 1 3			
46	1 80 ON TO NB270	AG211658.603923.211599.604013.	1575 2.6	0. 32.	35
47	1 I-270 NB ON	AG211599.604013.211532.604055.	1575 2.6	0. 32.	30
48	1 "	AG211532.604055.211438.604062.	1575 2.6	0. 32.	30
49	1 "	AG211438.604062.211206.604048.	1575 2.6	0. 32.	30
50	1 "	AG211206.604048.211148.604025.	1575 2.6	0. 32.	30
51	1 "	AG211148.604025.211083.603964.	1575 2.6	0. 32.	30
52	1 "	AG211083.603964.211022.603890.	1575 2.6	0. 32.	30
53	1 "	AG211022.603890.210965.603858.	1575 2.6	0. 32.	30
54	1 "	AG210965.603858.210905.603856.	1575 2.6	0. 32.	30
55	1 "	AG210905.603856.210632.603909.	1575 2.6	0. 32.	30
56	1 80W THRU @NB0FF	AG211863.603927.211704.603824.	575 3.1	0. 32.	17
57	2 "	AG211726.603838.211805.603889.	0. 12.	1	
	90	44 4. 575 28.3 1863 2 3			
58	1 80WB TO SB0FF	AG211704.603824.211500.603713.	575 2.8	0. 32.	40
59	1 "	AG211500.603713.210937.603394.	675 2.8	0. 32.	40
60	2 " Q	AG210962.603409.211025.603444.	0. 12.	1	
	90	17 2. 675 28.3 1182 3 3			
61	1 80 WB	AG210937.603394.210562.603186.	550 2.8	0. 32.	40
62	1 80EB NEAR SB RP	AG210570.603172.210667.603227.	425 2.8	0. 44.	40
63	1 "	AG210667.603227.210778.603284.	425 2.8	0. 44.	40
64	1 "	AG210778.603284.210850.603300.	2 2.8	0. 44.	40
65	1 "	AG210850.603300.210918.603294.	2 2.8	0. 44.	40
66	2 80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
67	1 "	AG210918.603294.210980.603262.	2 2.8	0. 44.	40
68	1 80WB @ SB RP TL	AG210778.603284.210830.603323.	275 2.8	0. 44.	40
69	1 "	AG210830.603323.210939.603387.	275 2.8	0. 44.	40
70	2 " Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	1 80EB @ NB RP	AG210939.603387.211180.603518.	425 2.8	0. 44.	40
72	1 "	AG211180.603518.211557.603727.	425 2.8	0. 44.	40
73	1 "	AG211557.603727.211989.603968.	425 2.8	0. 44.	40
70	2 eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	150	19 4. 1 28.3 712 2 3			
70	2 eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	17 4. 425 28.3 1863 2 3			
74	1 80 EB	AG211989.603968.212305.604152.	875 2.8	0. 44.	40
75	1 80 ON TO 270SB	AG210980.603262.211024.603189.	325 2.6	0. 32.	30
76	1 "	AG211024.603189.211087.603149.	325 2.6	0. 32.	30
77	1 "	AG211087.603149.211145.603140.	325 2.6	0. 32.	30
78	1 "	AG211145.603140.211440.603144.	325 2.6	0. 32.	30
79	1 "	AG211440.603144.211499.603163.	325 2.6	0. 32.	30
80	1 "	AG211499.603163.211594.603223.	325 2.6	0. 32.	30
81	1 "	AG211594.603223.211664.603235.	325 2.6	0. 32.	30
82	1 "	AG211664.603235.211775.603212.	325 2.6	0. 32.	30
83	1 I-270 NB	AG210521.603943.209400.604253.	7300 2.6	0. 44.	32
84	1 "	AG209400.604253.208836.604494.	7300 2.6	0. 44.	32
85	1 "	AG208836.604494.208166.604895.	7300 2.6	0. 44.	32
86	1 "	AG208166.604895.207724.605289.	7300 2.6	0. 44.	32
87	1 I-270 SB	AG207646.605231.208105.604843.	650 3.6	0. 44.	56
88	1 "	AG208105.604843.208804.604420.	650 3.6	0. 44.	56
89	1 "	AG208804.604420.209380.604177.	650 3.6	0. 44.	56

			S23NB30P.DAT	
90	1 "	AG209380.604177.210495.603858.	650 3.6 0. 44.	56
91	1 I-270 NB	AG207724.605289.207503.605510.	7300 2.6 0. 44.	32
92	1 "	AG207503.605510.207122.605997.	7300 2.6 0. 44.	32
93	1 "	AG207122.605997.206735.606587.	7300 2.6 0. 44.	32
94	1 I-270 SB	AG206638.606543.206943.606090.	650 3.6 0. 44.	56
95	1 "	AG206943.606090.207418.605459.	650 3.6 0. 44.	56
96	1 "	AG207418.605459.207644.605229.	650 3.6 0. 44.	56
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: NB 270&80 RAMPS (S23NB30P.DAT)
DATE: 12/20/2006 TIME: 10:24:53.62

RUN: SITE 23 NB I270&80RAMPS PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
1.	1	I-270 NB	* 212123.0	602857.0	211994.0	603067.0	*	246.	328.	AG	6100.	2.6	.0	44.0	
2.	2	"	* 211994.0	603067.0	211815.0	603289.0	*	285.	321.	AG	6100.	2.6	.0	44.0	
3.	3	"	* 211815.0	603289.0	211559.0	603515.0	*	341.	311.	AG	6100.	2.6	.0	44.0	
4.	4	"	* 211559.0	603515.0	211253.0	603705.0	*	360.	302.	AG	6100.	2.6	.0	44.0	
5.	5	"	* 211253.0	603705.0	210964.0	603808.0	*	307.	290.	AG	6100.	2.6	.0	44.0	
6.	6	"	* 210964.0	603808.0	210632.0	603909.0	*	347.	287.	AG	6100.	2.6	.0	44.0	
7.	7	"	* 210632.0	603909.0	210521.0	603943.0	*	116.	287.	AG	6100.	2.6	.0	44.0	
8.	8	NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	*	155.	305.	AG	325.	2.6	.0	32.0	
9.	9	"	* 211126.0	603793.0	211096.0	603870.0	*	83.	339.	AG	325.	2.6	.0	32.0	
10.	10	"	* 211096.0	603870.0	211099.0	603928.0	*	58.	3.	AG	325.	2.6	.0	32.0	
11.	11	"	* 211099.0	603928.0	211132.0	603985.0	*	66.	30.	AG	325.	2.6	.0	32.0	
12.	12	"	* 211132.0	603985.0	211202.0	604026.0	*	81.	60.	AG	325.	2.6	.0	32.0	
13.	13	"	* 211202.0	604026.0	211506.0	604039.0	*	304.	88.	AG	325.	2.6	.0	32.0	
14.	14	"	* 211506.0	604039.0	211574.0	604009.0	*	74.	114.	AG	325.	2.6	.0	32.0	
15.	15	"	* 211574.0	604009.0	211619.0	603949.0	*	75.	143.	AG	325.	2.6	.0	32.0	
16.	16	NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	*	154.	151.	AG	275.	2.6	.0	44.0	
17.	17	" Q	* 211678.0	603844.0	211651.9	603890.3	*	53.	331.	AG	120.	100.0	.0	24.0	.57 2.7
18.	18	NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	*	97.	178.	AG	100.	2.6	.0	32.0	
19.	19	"	* 211622.0	603852.0	211576.0	603776.0	*	89.	211.	AG	100.	2.6	.0	32.0	
20.	20	" Q	* 211581.0	603783.0	211601.1	603816.3	*	39.	31.	AG	60.	100.0	.0	12.0	.44 2.0
21.	21	"	* 211576.0	603776.0	211500.0	603713.0	*	99.	230.	AG	100.	2.6	.0	32.0	
22.	22	I-270 SB	* 210496.0	603858.0	210975.0	603725.0	*	497.	106.	AG	2925.	3.7	.0	44.0	
23.	23	"	* 210975.0	603725.0	211238.0	603621.0	*	283.	112.	AG	2925.	3.7	.0	44.0	
24.	24	"	* 211238.0	603621.0	211517.0	603438.0	*	334.	123.	AG	2925.	3.7	.0	44.0	
25.	25	"	* 211517.0	603438.0	211675.0	603313.0	*	201.	128.	AG	2925.	3.7	.0	44.0	
26.	26	"	* 211675.0	603313.0	211775.0	603212.0	*	142.	135.	AG	2925.	3.7	.0	44.0	
27.	27	"	* 211775.0	603212.0	212061.0	602812.0	*	492.	144.	AG	2925.	3.7	.0	44.0	
28.	28	270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	*	113.	157.	AG	650.	2.6	.0	32.0	
29.	29	"	* 211562.0	603334.0	211547.0	603254.0	*	81.	191.	AG	650.	2.6	.0	32.0	
30.	30	"	* 211547.0	603254.0	211495.0	603196.0	*	78.	222.	AG	650.	2.6	.0	32.0	
31.	31	"	* 211495.0	603196.0	211437.0	603174.0	*	62.	249.	AG	650.	2.6	.0	32.0	
32.	32	"	* 211437.0	603174.0	211134.0	603171.0	*	303.	269.	AG	650.	2.6	.0	32.0	
33.	33	"	* 211134.0	603171.0	211056.0	603197.0	*	82.	288.	AG	650.	2.6	.0	32.0	
34.	34	"	* 211056.0	603197.0	211000.0	603280.0	*	100.	326.	AG	650.	2.6	.0	32.0	
35.	35	SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	*	123.	330.	AG	150.	3.3	.0	32.0	
36.	36	NB80RMLPT	* 210952.0	603364.0	210981.0	603313.5	*	58.	150.	AG	60.	100.0	.0	12.0	.51 3.0
37.	37	SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	*	85.	4.	AG	1.	3.3	.0	32.0	
38.	38	"	* 211006.0	603365.0	211042.0	603414.0	*	61.	36.	AG	1.	2.6	.0	32.0	
39.	39	"	* 211039.0	603409.0	211038.8	603408.7	*	0.	218.	AG	62.	100.0	.0	12.0	.00 .0
40.	40	"	* 211042.0	603414.0	211180.0	603518.0	*	173.	53.	AG	1.	2.6	.0	32.0	
41.	41	WB 80	* 212296.0	604166.0	211969.0	603976.0	*	378.	240.	AG	1825.	2.8	.0	44.0	
42.	42	"	* 211969.0	603976.0	211863.0	603927.0	*	117.	245.	AG	1825.	2.8	.0	44.0	
43.	43	RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	*	104.	255.	AG	550.	2.8	.0	44.0	
44.	44	"	* 211763.0	603900.0	211658.0	603923.0	*	107.	282.	AG	550.	2.8	.0	44.0	

JOB: NB 270&80 RAMPS (S23NB30P.DAT)
DATE: 12/20/2006 TIME: 10:24:53.62

RUN: SITE 23 NB I270&80RAMPS PM

LINK VARIABLES

LINK DESCRIPTION			LINK COORDINATES (FT)		LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)		
*	X1	Y1	X2	Y2										*	
45. 45	"	* 211700.0	603914.0	211700.0	603914.0	*	0.	70.	AG	4.	100.0	.0	12.0	.00	.0
46. 46	80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	*	108.	327.	AG	1575.	2.6	.0	32.0		
47. 47	I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	*	79.	302.	AG	1575.	2.6	.0	32.0		
48. 48	"	* 211532.0	604055.0	211438.0	604062.0	*	94.	274.	AG	1575.	2.6	.0	32.0		
49. 49	"	* 211438.0	604062.0	211206.0	604048.0	*	232.	267.	AG	1575.	2.6	.0	32.0		
50. 50	"	* 211206.0	604048.0	211148.0	604025.0	*	62.	248.	AG	1575.	2.6	.0	32.0		
51. 51	"	* 211148.0	604025.0	211083.0	603964.0	*	89.	227.	AG	1575.	2.6	.0	32.0		
52. 52	"	* 211083.0	603964.0	211022.0	603890.0	*	96.	219.	AG	1575.	2.6	.0	32.0		
53. 53	"	* 211022.0	603890.0	210965.0	603858.0	*	65.	241.	AG	1575.	2.6	.0	32.0		
54. 54	"	* 210965.0	603858.0	210905.0	603856.0	*	60.	268.	AG	1575.	2.6	.0	32.0		
55. 55	"	* 210905.0	603856.0	210632.0	603909.0	*	278.	281.	AG	1575.	2.6	.0	32.0		
56. 56	80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	*	189.	237.	AG	575.	3.1	.0	32.0		
57. 57	"	* 211726.0	603838.0	211842.2	603913.1	*	138.	57.	AG	37.	100.0	.69	12.0	.69	7.0
58. 58	80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	*	232.	241.	AG	575.	2.8	.0	32.0		
59. 59	"	* 211500.0	603713.0	210937.0	603394.0	*	647.	240.	AG	675.	2.8	.0	32.0		
60. 60	" Q	* 210962.0	603409.0	211016.9	603439.5	*	63.	61.	AG	14.	100.0	.75	12.0	.75	3.2
61. 61	80 WB	* 210937.0	603394.0	210562.0	603186.0	*	429.	241.	AG	550.	2.8	.0	32.0		
62. 62	80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	*	112.	60.	AG	425.	2.8	.0	44.0		
63. 63	"	* 210667.0	603227.0	210778.0	603284.0	*	125.	63.	AG	425.	2.8	.0	44.0		
64. 64	"	* 210778.0	603284.0	210850.0	603300.0	*	74.	77.	AG	2.	2.8	.0	44.0		
65. 65	"	* 210850.0	603300.0	210918.0	603294.0	*	68.	95.	AG	2.	2.8	.0	44.0		
66. 66	80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	*	0.	250.	AG	4.	100.0	.00	12.0	.00	.0
67. 67	"	* 210918.0	603294.0	210980.0	603262.0	*	70.	117.	AG	2.	2.8	.0	44.0		
68. 68	80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	*	65.	53.	AG	275.	2.8	.0	44.0		
69. 69	"	* 210830.0	603323.0	210939.0	603387.0	*	126.	60.	AG	275.	2.8	.0	44.0		
70. 70	" Q	* 210915.0	603373.0	210915.0	603373.0	*	0.	250.	AG	8.	100.0	.00	24.0	.00	.0
71. 71	80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	*	274.	61.	AG	425.	2.8	.0	44.0		
72. 72	"	* 211180.0	603518.0	211557.0	603727.0	*	431.	61.	AG	425.	2.8	.0	44.0		
73. 73	"	* 211557.0	603727.0	211989.0	603968.0	*	495.	61.	AG	425.	2.8	.0	44.0		
74. 70	eb r Q	* 210915.0	603373.0	210914.9	603373.0	*	0.	240.	AG	10.	100.0	.00	12.0	.00	.0
75. 70	eb thru Q	* 210915.0	603373.0	210898.0	603363.1	*	20.	240.	AG	29.	100.0	.15	24.0	.15	1.0
76. 74	80 EB	* 211989.0	603968.0	212305.0	604152.0	*	366.	60.	AG	875.	2.8	.0	44.0		
77. 75	80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	*	85.	149.	AG	325.	2.6	.0	32.0		
78. 76	"	* 211024.0	603189.0	211087.0	603149.0	*	75.	122.	AG	325.	2.6	.0	32.0		
79. 77	"	* 211087.0	603149.0	211145.0	603140.0	*	59.	99.	AG	325.	2.6	.0	32.0		
80. 78	"	* 211145.0	603140.0	211440.0	603144.0	*	295.	89.	AG	325.	2.6	.0	32.0		

S23NB30P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	325.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	325.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	325.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	325.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	7300.	2.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	7300.	2.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	7300.	2.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	7300.	2.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	650.	3.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	650.	3.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	650.	3.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	650.	3.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	7300.	2.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	7300.	2.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	7300.	2.6	.0	44.0

1

PAGE 3

JOB: NB 270&80 RAMPS (S23NB30P.DAT) RUN: SITE 23 NB I270&80RAMPS PM
DATE: 12/20/2006 TIME: 10:24:53.62

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	606090.0	*	546.	146. AG	650.	3.6	.0 44.0
97. 95 "	*	206943.0 606090.0 207418.0	605459.0	*	790.	143. AG	650.	3.6	.0 44.0
98. 96 "	*	207418.0 605459.0 207644.0	605229.0	*	322.	136. AG	650.	3.6	.0 44.0

1

PAGE 4

JOB: NB 270&80 RAMPS (S23NB30P.DAT) RUN: SITE 23 NB I270&80RAMPS PM
DATE: 12/20/2006 TIME: 10:24:53.62

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	71	4.0	275	1681	28.30	2 3
20. 20 " Q	*	90	71	4.0	100	1583	28.30	2 3
36. 36 " NB80RMPLT	*	90	71	2.0	150	1770	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " Q	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " Q	*	90	44	4.0	575	1863	28.30	2 3
60. 60 " Q	*	90	17	2.0	675	1182	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	90	17	4.0	425	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Z
1. CRN SB ON	*	210891.0 603267.0	5.0
2. 82' SB ON	*	210829.0 603265.0	5.0
3. 164' SB ON	*	210751.0 603234.0	5.0
4. MID SB ON	*	210664.0 603190.0	5.0
5. MID SB ON NS ROW	*	210617.0 603276.0	5.0
6. 162' SB ON NS ROW	*	210744.0 603330.0	5.0
7. CR SB ON NS ROW	*	210864.0 603396.0	5.0
8. CR SB ON NE	*	210952.0 603444.0	5.0
9. 82' SB ON NE	*	211008.0 603473.0	5.0
10. MID SB ON NE	*	211080.0 603509.0	5.0
11. NB ON CRN SS	*	211768.0 603820.0	5.0
12. NB ON 82' SS	*	211813.0 603846.0	5.0
13. NB 164' SS	*	211916.0 603904.0	5.0
14. NB MID SS	*	212135.0 604030.0	5.0
15. NB ON MID	*	211908.0 603986.0	5.0
16. NB ON 164'	*	211812.0 603942.0	5.0
17. NB ON CRN	*	211720.0 603937.0	5.0

1

PAGE 5

JOB: NB 270&80 RAMPS (S23NB30P.DAT) RUN: SITE 23 NB I270&80RAMPS PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.1	.1	.1	.0	.0	.2	.2	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
5.	*	.0	.1	.1	.0	.0	.2	.2	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
10.	*	.0	.0	.1	.0	.0	.2	.1	.2	.2	.2	.1	.1	.1	.3	.0	.0	.0
15.	*	.1	.0	.0	.0	.1	.1	.0	.2	.2	.2	.1	.0	.1	.3	.0	.0	.0
20.	*	.1	.0	.0	.0	.1	.0	.1	.2	.2	.2	.2	.1	.1	.3	.0	.0	.0
25.	*	.1	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	.3	.0	.0	.0
30.	*	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1	.3	.3	.0	.0	.0
35.	*	.0	.1	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	.3	.3	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.1	.2	.3	.3	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.2	.3	.2	.0	.0	.0
50.	*	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.3	.2	.2	.0	.0	.0
55.	*	.1	.1	.0	.0	.0	.0	.0	.1	.2	.3	.1	.3	.2	.2	.1	.0	.0
60.	*	.1	.1	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.1	.2	.1	.1	.0
65.	*	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.0	.0	.1	.1	.1	.2	.0
70.	*	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.1	.1	.2	.0

S23NB30P.OUT

75.	*	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.0	.2	.2	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.3	.2	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.3	.1	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	.0	.0	.2	.1	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.0	.2	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.0	.2	.1	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.1	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.2	.1
190.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.2	.1
195.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.2	.1
200.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.2	.2	.1
205.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.2	.2	.2

1

JOB: NB 270&80 RAMPS (S23NB30P.DAT)

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 6

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.2
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2
225.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.2
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.2
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.3
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.1	.3
245.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.2	.0	.0	.1
255.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.1
260.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.3	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.3	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.3	.0	.1	.2
275.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.3	.3	.0	.1	.2
280.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.1	.1	.3	.0	.0	.2
285.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.3	.0	.0	.1
290.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.0	.0	.1
295.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.0	.0	.1
300.	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.2	.0	.0	.1
305.	*	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.2	.0	.0	.0
310.	*	.1	.1	.1	.0	.1	.1	.1	.1	.2	.3	.2	.1	.1	.2	.0	.0	.0
315.	*	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
320.	*	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
325.	*	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
330.	*	.0	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
335.	*	.0	.0	.1	.1	.1	.1	.1	.2	.2	.4	.1	.1	.1	.2	.0	.0	.0
340.	*	.0	.0	.0	.1	.1	.0	.2	.2	.2	.3	.1	.1	.1	.2	.0	.0	.0
345.	*	.2	.0	.0	.0	.1	.0	.2	.2	.2	.2	.1	.1	.1	.2	.0	.0	.0
350.	*	.2	.2	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.1	.2	.0	.0	.0
355.	*	.1	.2	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.2	.0	.0	.0
360.	*	.1	.1	.1	.0	.0	.2	.2	.1	.2	.2	.1	.1	.1	.2	.0	.0	.0
MAX DEGR.	*	.2	.2	.1	.1	.1	.2	.2	.3	.3	.4	.3	.4	.3	.3	.3	.2	.3

THE HIGHEST CONCENTRATION IS .40 PPM AT 90 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 275 DEGREES FROM REC12.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC8.

1

JOB: NB 270&80 RAMPS (S23NB30P.DAT)

RUN: SITE 23 NB I270&80RAMPS PM

PAGE 7

DATE: 12/20/2006 TIME: 10:24:53.62

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23B130A.DAT					
B130AM I270 AND 80 RAMPS			60.0175.0.0000.000170.30480000			11 1		
CRN SB ON	210891.	603267.	5.0					
82' SB ON	210829.	603265.	5.0					
164' SB ON	210751.	603234.	5.0					
MID SB ON	210664.	603190.	5.0					
MID SB ON NS ROW	210617.	603276.	5.0					
162' SB ON NS ROW	210744.	603330.	5.0					
CR SB ON NS ROW	210864.	603396.	5.0					
CR SB ON NE	210952.	603444.	5.0					
82' SB ON NE	211008.	603473.	5.0					
MID SB ON NE	211080.	603509.	5.0					
NB ON CRN SS	211768.	603820.	5.0					
NB ON 82' SS	211813.	603846.	5.0					
NB 164' SS	211916.	603904.	5.0					
NB MID SS	212135.	604030.	5.0					
NB ON MID	211908.	603986.	5.0					
NB ON 164'	211812.	603942.	5.0					
NB ON CRN	211720.	603937.	5.0					
B130AM I270 AND 80 RAMPS			98	1	1			
1								
16	NB off RMPAG211619.603949.211694.603814.		125	2.7	0.44.	30		
2								
17	NB off RMPAG211678.603844.211643.603906.		0.	24.	2			
150	133 3 125 29.1 1681 3 3							
1								
18	NB off RMPAG211619.603949.211622.603852.		25	2.7	0.32.	30		
1								
2	NB off RamAG211622.603852.211576.603776.		25	2.7	0.32.	30		
20								
150	NB off RamAG211581.603783.211619.603846.		0.	12.	1			
	133 3 25 29.1 1583 3 3							
1								
20	NB off RamAG211576.603776.211500.603713.		25	2.7	0.32.	30		
1								
36	NB 80 ONRAAG211000.603280.210939.603387.		625	2.7	0.32.	30		
1								
43	NB on RMP AG211863.603927.211763.603900.		625	2.7	0.32.	30		
1								
2	NB on RMP AG211763.603900.211658.603923.		625	2.7	0.32.	30		
150	NB on RMP AG211700.603914.211755.603901.		0.	12.	1			
	5 3 625 29.1 1583 3 3							
1								
2	NB RMP WT8AG211863.603927.211704.603824.		425	2.7	0.32.	30		
57								
150	NB RMP WT8AG211726.603838.211805.603889.		0.	12.	1			
	28 3 425 29.1 1863 3 3							
1								
2	NB RMP E80AG211705.603811.211556.603727.		1850	2.7	0.44.	61		
150	NB RMP E80AG211687.603801.211593.603748.		0.	24.	2			
	15 5.0 1850 29.1 1352 3 3							
1								
dp	NB RMP E80AG212302.604151.211707.603812.		1775	2.9	0.44.	40		
1								
1	NB on RMP AG210486.603978.210661.603955.		825	2.7	0.32.	61		
0								
1	NB on RMP AG210661.603955.210810.603952.		825	2.7	0.32.	61		
0								
1	NB on RMP AG210810.603952.211023.603995.		825	2.7	0.32.	61		
0								
1	NB on RMP AG211023.603995.211207.604048.		825	2.7	0.32.	61		
0								
1	NB on RMP AG211207.604048.211523.604060.		825	2.7	0.32.	61		
0								
1	NB on RMP AG211523.604060.211609.604006.		825	2.7	0.32.	61		
0								
1	NB on RMP AG211609.604006.211660.603921.		825	2.7	0.32.	61		
0								
1	NB RMP CirAG211376.603670.211303.603731.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211303.603731.211187.603798.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211187.603798.211149.603856.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211149.603856.211147.603933.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211147.603933.211199.604010.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211199.604010.211306.604034.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211306.604034.211515.604036.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211515.604036.211583.604001.		150	2.7	0.32.	61		
0								
1	NB RMP CirAG211583.604001.211619.603948.		150	2.7	0.32.	61		
41								
1	WB 80 AG212296.604166.211969.603976.		1050	2.9	0.44.	40		
42								
1	WB 80 AG211969.603976.211863.603927.		1050	2.9	0.44.	40		
58								
1	wb 80 AG211704.603824.211500.603713.		450	2.9	0.32.	40		
64								
1	EB 80SB270AG210778.603284.210850.603300.		725	2.9	0.44.	40		
65								
1	EB 80SB270AG210850.603300.210918.603294.		725	2.9	0.44.	40		
66								
1	EB 80SB270AG210918.603294.210980.603262.		725	2.9	0.44.	40		
71								
1	EB 80 AG210939.603387.211180.603518.		725	2.9	0.44.	40		
72								
1	EB 80 AG211180.603518.211557.603727.		725	2.9	0.44.	40		
2								
1	SB RMP E80AG210940.603389.210778.603295.		725	2.9	0.56.	40		
	SB RMP E80AG210928.603383.210817.603318.		0.	36.	3			

S23B130A.DAT

150	52	5.0	725	29.1	1863	3	3	
0 1	SB RMP	E80AG210772.603286.210466.603118.	1775	2.9	0.	56.	40	
0 1	SB RMP	WL8AG210939.603399.211080.603480.	250	2.9	0.	44.	40	
2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2			
150	52	5.0	250	29.1	493	3	3	
0 1	SB RMP	WT8AG210933.603408.211079.603489.	250	2.9	0.	44.	40	
0 1	SB RMP	W80AG211083.603489.211492.603717.	1000	2.9	0.	44.	40	
0 1	SB RMP	W80AG210512.603159.210932.603403.	200	2.9	0.	44.	40	
0 1	SB RMP	WL AG210983.603264.210920.603384.	250	2.9	0.	32.	40	
0 1	SB RMP	CirAG211165.603508.211049.603414.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211049.603414.211008.603364.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211008.603364.211004.603287.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211004.603287.211029.603227.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211029.603227.211089.603177.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211089.603177.211193.603166.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211193.603166.211419.603175.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211419.603175.211499.603251.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211499.603251.211511.603344.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211511.603344.211486.603403.	1125	2.7	0.	32.	30	
0 1	SB RMP	CirAG211486.603403.211423.603469.	1125	2.7	0.	32.	30	
0 1	SB On RMP	AG212132.602583.212057.602692.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG212057.602692.211962.602817.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211962.602817.211858.602905.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211858.602905.211734.602975.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211734.602975.211590.603019.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211590.603019.211347.603049.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211347.603049.211193.603089.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211193.603089.211084.603156.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211084.603156.211020.603194.	350	2.7	0.	32.	30	
0 1	SB On RMP	AG211020.603194.210976.603256.	350	2.7	0.	32.	30	
0 1	NB GP	AG210288.604040.210994.603831.	2425	3.9	0.	44.	60	
0 1	NB GP	AG210994.603831.211305.603711.	2425	3.9	0.	44.	60	
0 1	NB GP	AG211305.603711.211575.603546.	2425	3.9	0.	44.	60	
0 1	NB GP	AG211575.603546.211828.603315.	2425	3.9	0.	44.	60	
0 1	NB GP	AG211828.603315.211976.603144.	2425	3.9	0.	44.	60	
0 1	NB GP	AG211976.603144.212095.602967.	2425	3.9	0.	44.	60	
0 1	NB ETL	AG210281.603985.210773.603848.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG210773.603848.211062.603762.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG211062.603762.211342.603634.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG211342.603634.211533.603513.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG211533.603513.211718.603362.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG211718.603362.211890.603183.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG211890.603183.212018.603004.	1050	3.9	0.	32.	60	
0 1	NB ETL	AG212018.603004.212104.602860.	1050	3.9	0.	32.	60	
0 1	SB ETL	AG212069.602828.211997.602953.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211997.602953.211855.603148.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211855.603148.211711.603304.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211711.603304.211544.603446.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211544.603446.211308.603599.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211308.603599.211112.603692.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG211112.603692.210901.603766.	1800	3.7	0.	32.	56	
0 1	SB ETL	AG210901.603766.210314.603929.	1800	3.7	0.	32.	56	
0 1	SB GP	AG212064.602739.211923.602984.	5725	3.7	0.	44.	56	
0 1	SB GP	AG211923.602984.211730.603225.	5725	3.7	0.	44.	56	

S23B130A.DAT						
0	1					
0	1	SB GP	AG211730.603225.211584.603358.	5725 3.7	0. 44.	56
0	1	SB GP	AG211584.603360.211349.603520.	5725 3.7	0. 44.	56
0	1	SB GP	AG211349.603520.211054.603666.	5725 3.7	0. 44.	56
0	1	SB GP	AG211054.603666.210639.603797.	5725 3.7	0. 44.	56
0	1	SB GP	AG210639.603797.210231.603904.	5725 3.7	0. 44.	56
1.0	0.4	1000. 0.0Y	5 0 72			

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:39:50.33

RUN: B130AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.6	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.6	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.6	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.6	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	625.	2.6	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	625.	2.6	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	625.	2.6	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211716.6	603910.1	*	17.	103. AG	3.	100.0	.0	12.0	.42 .9
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.6	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211780.7	603873.3	*	65.	57. AG	14.	100.0	.0	12.0	.29 3.3
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1850.	2.6	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.9	603763.7	*	76.	241. AG	15.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1775.	2.8	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	825.	2.6	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	825.	2.6	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	825.	2.6	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	825.	2.6	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	825.	2.6	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	825.	2.6	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	825.	2.6	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.6	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.6	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.6	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.6	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.6	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.6	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.6	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.6	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.6	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.8	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.8	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	450.	2.8	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	725.	2.8	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	725.	2.8	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	725.	2.8	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	725.	2.8	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	725.	2.8	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	725.	2.8	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	209676.9	602650.4	*	1450.	240. AG	78.	100.0	.0	36.0	2.15 73.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1775.	2.8	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	250.	2.8	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	211895.0	603954.3	*	1094.	60. AG	52.	100.0	.0	24.0	4.31 55.6

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:39:50.33

RUN: B130AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	250.	2.8	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	1000.	2.8	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.8	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	250.	2.8	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1125.	2.6	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1125.	2.6	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1125.	2.6	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1125.	2.6	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1125.	2.6	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1125.	2.6	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1125.	2.6	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1125.	2.6	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1125.	2.6	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1125.	2.6	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1125.	2.6	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.6	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.6	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.6	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.6	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.6	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.6	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.6	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.6	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.6	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.6	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2425.	3.8	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2425.	3.8	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2425.	3.8	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2425.	3.8	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2425.	3.8	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2425.	3.8	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1050.	3.8	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1050.	3.8	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1050.	3.8	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1050.	3.8	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1050.	3.8	.0	32.0	

S23B130A.OUT												
81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1050.	3.8	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1050.	3.8	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1050.	3.8	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1800.	3.6	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1800.	3.6	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1800.	3.6	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1800.	3.6	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1800.	3.6	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1800.	3.6	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1800.	3.6	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1800.	3.6	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	5725.	3.6	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	5725.	3.6	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	5725.	3.6	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	5725.	3.6	.0	44.0

1

PAGE 3

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:39:50.33

RUN: B130AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	5725.	3.6	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	5725.	3.6	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	5725.	3.6	.0	44.0	

1

PAGE 4

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:39:50.33

RUN: B130AM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10.	NB on RMP *	150	5	.3	625	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	425	1863	28.30	3	3
14.	NB RMP E80*	150	15	5.0	1850	1352	28.30	3	3
41.	SB RMP E80*	150	52	5.0	725	186	28.00	1	3
44.	SB RMP WL8*	150	52	5.0	250	49	28.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B130AM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .3	.5	.4	.4	.1	.1	.1	.2	.1	.4	.3	.3	.3	.3	.0	.0	.0
5.	* .3	.5	.4	.5	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.0	.0	.0
10.	* .3	.5	.4	.5	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.0	.0	.0
15.	* .3	.5	.4	.5	.1	.1	.1	.1	.3	.3	.3	.3	.3	.3	.0	.0	.0
20.	* .3	.4	.4	.6	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.0	.0	.0
25.	* .2	.4	.4	.6	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.0	.0	.0
30.	* .2	.4	.4	.6	.1	.1	.1	.2	.3	.4	.3	.3	.3	.3	.0	.0	.0
35.	* .2	.2	.3	.6	.1	.1	.2	.1	.3	.4	.3	.3	.3	.3	.0	.0	.0
40.	* .2	.3	.4	.5	.1	.1	.1	.1	.2	.3	.4	.4	.4	.3	.0	.0	.0
45.	* .2	.3	.4	.6	.1	.1	.1	.1	.2	.4	.4	.3	.4	.3	.0	.0	.0
50.	* .2	.3	.4	.5	.0	.1	.1	.3	.3	.5	.3	.3	.4	.3	.0	.0	.0
55.	* .2	.2	.3	.4	.1	.2	.2	.3	.4	.4	.3	.3	.4	.3	.0	.0	.0
60.	* .1	.2	.3	.3	.1	.2	.2	.3	.4	.8	.2	.2	.3	.2	.2	.1	.0
65.	* .1	.1	.1	.2	.2	.3	.2	.3	.5	.8	.2	.2	.2	.1	.2	.1	.0
70.	* .1	.1	.0	.2	.2	.3	.2	.3	.5	.7	.1	.1	.1	.1	.2	.1	.1
75.	* .1	.1	.1	.0	.1	.2	.3	.4	.5	.7	.1	.1	.1	.1	.2	.3	.1
80.	* .1	.1	.0	.0	.1	.4	.3	.5	.5	.7	.1	.1	.1	.0	.2	.3	.1
85.	* .0	.0	.0	.0	.3	.4	.2	.5	.5	.7	.0	.0	.0	.0	.2	.3	.1
90.	* .0	.0	.0	.0	.3	.3	.3	.4	.5	.5	.0	.0	.0	.0	.2	.3	.2

S23B130A.OUT

95.	*	.0	.0	.0	.0	.3	.3	.2	.3	.4	.6	.0	.0	.0	.2	.3	.2
100.	*	.0	.0	.0	.0	.3	.3	.1	.3	.4	.6	.0	.0	.0	.2	.3	.2
105.	*	.0	.0	.0	.0	.3	.2	.1	.2	.3	.5	.0	.0	.0	.2	.2	.2
110.	*	.0	.0	.0	.0	.2	.2	.1	.2	.2	.7	.0	.0	.0	.2	.2	.2
115.	*	.0	.0	.0	.0	.2	.2	.2	.2	.2	.6	.0	.0	.0	.2	.2	.2
120.	*	.0	.0	.0	.0	.2	.2	.2	.2	.2	.4	.0	.0	.0	.2	.2	.2
125.	*	.0	.0	.0	.0	.2	.2	.2	.2	.2	.4	.0	.0	.0	.2	.2	.2
130.	*	.0	.0	.0	.0	.2	.2	.2	.1	.1	.4	.0	.0	.0	.2	.2	.2
135.	*	.0	.0	.0	.0	.2	.2	.2	.1	.1	.4	.0	.0	.0	.2	.2	.2
140.	*	.0	.0	.0	.0	.2	.2	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
145.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
150.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
155.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
160.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
165.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.0	.0	.0	.2	.2	.2
170.	*	.0	.0	.0	.0	.2	.3	.3	.1	.1	.4	.1	.0	.0	.2	.2	.2
175.	*	.0	.0	.0	.0	.2	.3	.3	.1	.2	.3	.1	.1	.0	.2	.2	.2
180.	*	.0	.0	.0	.0	.2	.3	.3	.1	.2	.3	.1	.1	.0	.2	.2	.1
185.	*	.0	.0	.0	.0	.2	.3	.3	.1	.2	.3	.2	.1	.1	.0	.2	.1
190.	*	.0	.0	.0	.0	.2	.3	.3	.2	.2	.3	.2	.0	.0	.2	.2	.1
195.	*	.0	.0	.0	.0	.3	.3	.3	.1	.2	.3	.2	.1	.0	.3	.2	.3
200.	*	.0	.0	.0	.0	.3	.3	.3	.1	.2	.3	.1	.1	.0	.3	.2	.4
205.	*	.0	.0	.0	.0	.3	.3	.3	.1	.2	.3	.1	.0	.0	.3	.4	.4

1

JOB: B130AM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 6

WIND	*	CONCENTRATION																
ANGLE	*	(PPM)																
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.3	.3	.3	.2	.2	.3	.1	.1	.0	.0	.3	.4	.4
215.	*	.0	.0	.0	.0	.3	.3	.3	.2	.2	.3	.1	.1	.0	.0	.5	.4	.3
220.	*	.0	.0	.0	.0	.3	.3	.3	.3	.2	.4	.1	.1	.1	.1	.5	.4	.2
225.	*	.0	.0	.0	.1	.3	.3	.4	.2	.3	.4	.1	.2	.2	.1	.4	.2	.3
230.	*	.0	.1	.1	.2	.3	.3	.3	.2	.3	.2	.1	.2	.2	.1	.3	.2	.3
235.	*	.1	.1	.2	.3	.1	.3	.3	.2	.2	.2	.5	.2	.2	.2	.3	.3	.3
240.	*	.1	.2	.3	.3	.1	.3	.3	.2	.2	.2	.5	.4	.3	.3	.3	.2	.2
245.	*	.2	.3	.3	.5	.1	.1	.1	.1	.1	.2	.4	.5	.4	.4	.1	.2	.1
250.	*	.2	.3	.5	.5	.0	.1	.1	.1	.1	.1	.4	.5	.4	.5	.1	.1	.1
255.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.4	.5	.3	.4	.1	.1	.1
260.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.4	.0	.1	.1
265.	*	.3	.3	.5	.5	.0	.0	.0	.0	.0	.0	.5	.4	.3	.4	.0	.0	.0
270.	*	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.5	.4	.3	.3	.0	.0	.0
275.	*	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.0	.0	.0
280.	*	.1	.3	.4	.5	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.0	.0	.0
285.	*	.1	.3	.4	.4	.0	.0	.0	.0	.0	.0	.4	.3	.3	.3	.0	.0	.0
290.	*	.1	.3	.4	.4	.0	.0	.0	.0	.0	.1	.4	.3	.3	.3	.0	.0	.0
295.	*	.1	.3	.4	.4	.0	.0	.0	.0	.1	.2	.4	.3	.3	.3	.0	.0	.0
300.	*	.1	.3	.3	.4	.0	.0	.0	.1	.1	.2	.4	.3	.4	.3	.0	.0	.0
305.	*	.1	.3	.3	.3	.0	.0	.1	.1	.2	.3	.4	.3	.4	.3	.0	.0	.0
310.	*	.1	.3	.3	.3	.0	.0	.1	.1	.2	.5	.4	.3	.4	.3	.0	.0	.0
315.	*	.2	.4	.3	.3	.0	.0	.1	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0
320.	*	.3	.4	.3	.3	.0	.1	.1	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0
325.	*	.3	.4	.4	.4	.0	.1	.1	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0
330.	*	.3	.4	.4	.5	.1	.1	.2	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0
335.	*	.3	.4	.4	.5	.1	.1	.1	.3	.3	.3	.3	.3	.3	.3	.0	.0	.0
340.	*	.3	.4	.4	.4	.1	.1	.1	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0
345.	*	.3	.4	.4	.4	.1	.1	.1	.3	.2	.4	.3	.3	.3	.3	.0	.0	.0
350.	*	.3	.4	.4	.4	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.0	.0	.0
355.	*	.3	.4	.4	.3	.1	.1	.1	.2	.2	.4	.3	.3	.3	.3	.0	.0	.0
360.	*	.3	.5	.4	.4	.1	.1	.1	.2	.1	.4	.3	.3	.3	.3	.0	.0	.0
MAX	*	.3	.5	.5	.6	.3	.4	.4	.5	.5	.8	.5	.5	.4	.5	.5	.4	.4
DEGR.	*	0	0	250	20	85	80	225	80	65	235	245	40	250	215	205	200	

THE HIGHEST CONCENTRATION IS .80 PPM AT 60 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC2 .

1

JOB: B130AM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 7

DATE: 12/22/2006 TIME: 22:39:50.33

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)																
	*	ANGLE (DEGREES)																
	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	0	0	250	20	85	80	225	80	65	60	235	245	40	250	215	205	200
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23B130P.DAT					
B130PM I270 AND 80 RAMPS			60.0175.0.0000.000170.30480000			11 1		
CRN SB ON	210891.	603267.	5.0					
82' SB ON	210829.	603265.	5.0					
164' SB ON	210751.	603234.	5.0					
MID SB ON	210664.	603190.	5.0					
MID SB ON NS ROW	210617.	603276.	5.0					
162' SB ON NS ROW	210744.	603330.	5.0					
CR SB ON NS ROW	210864.	603396.	5.0					
CR SB ON NE	210952.	603444.	5.0					
82' SB ON NE	211008.	603473.	5.0					
MID SB ON NE	211080.	603509.	5.0					
NB ON CRN SS	211768.	603820.	5.0					
NB ON 82' SS	211813.	603846.	5.0					
NB 164' SS	211916.	603904.	5.0					
NB MID SS	212135.	604030.	5.0					
NB ON MID	211908.	603986.	5.0					
NB ON 164'	211812.	603942.	5.0					
NB ON CRN	211720.	603937.	5.0					
B130PM I270 AND 80 RAMPS			98 1 1					
16	NB off RMPAG211619.603949.211694.603814.	150 2.6 0. 44.	30					
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2						
90	72 3 150 28.3 1681 3 3							
18	NB off RMPAG211619.603949.211622.603852.	150 2.6 0. 32.	30					
1	NB off RamAG211622.603852.211576.603776.	150 2.6 0. 32.	30					
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1						
90	72 3 150 28.3 1661 3 3							
20	NB off RamAG211576.603776.211500.603713.	150 2.6 0. 32.	30					
36	NB 80 ONRAAG211000.603280.210939.603387.	1175 2.6 0. 32.	30					
43	NB on RMP AG211863.603927.211763.603900.	1175 2.6 0. 32.	30					
1	NB on RMP AG211763.603900.211658.603923.	1175 2.6 0. 32.	30					
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1						
90	5 3 1175 28.3 1583 3 3							
1	NB RMP WT8AG211863.603927.211704.603824.	425 2.8 0. 32.	40					
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1						
90	46 3 425 28.3 1863 3 3							
1	NB RMP E80AG211705.603811.211556.603727.	875 2.8 0. 44.	40					
2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2						
90	16 5.0 875 28.3 1207 3 3							
dp	NB RMP E80AG212302.604151.211707.603812.	625 2.8 0. 44.	40					
1	NB on RMP AG210486.603978.210661.603955.	1575 2.6 0. 32.	61					
0	NB on RMP AG210661.603955.210810.603952.	1575 2.6 0. 32.	61					
0	NB on RMP AG210810.603952.211023.603995.	1575 2.6 0. 32.	61					
0	NB on RMP AG211023.603995.211207.604048.	1575 2.6 0. 32.	61					
0	NB on RMP AG211207.604048.211523.604060.	1575 2.6 0. 32.	61					
0	NB on RMP AG211523.604060.211609.604006.	1575 2.6 0. 32.	61					
0	NB on RMP AG211609.604006.211660.603921.	1575 2.6 0. 32.	61					
0	NB RMP CirAG211376.603670.211303.603731.	225 2.6 0. 32.	61					
0	NB RMP CirAG211303.603731.211187.603798.	225 2.6 0. 32.	61					
0	NB RMP CirAG211187.603798.211149.603856.	225 2.6 0. 32.	61					
0	NB RMP CirAG211149.603856.211147.603933.	225 2.6 0. 32.	61					
0	NB RMP CirAG211147.603933.211199.604010.	225 2.6 0. 32.	61					
0	NB RMP CirAG211199.604010.211306.604034.	225 2.6 0. 32.	61					
0	NB RMP CirAG211306.604034.211515.604036.	225 2.6 0. 32.	61					
0	NB RMP CirAG211515.604036.211583.604001.	225 2.6 0. 32.	61					
0	NB RMP CirAG211583.604001.211619.603948.	225 2.6 0. 32.	61					
41	WB 80 AG212296.604166.211969.603976.	1600 2.8 0. 44.	40					
42	WB 80 AG211969.603976.211863.603927.	1600 2.8 0. 44.	40					
58	wb 80 AG211704.603824.211500.603713.	500 2.8 0. 32.	40					
64	EB 80SB270AG210778.603284.210850.603300.	425 2.8 0. 44.	40					
65	EB 80SB270AG210850.603300.210918.603294.	425 2.8 0. 44.	40					
66	EB 80SB270AG210918.603294.210980.603262.	425 2.8 0. 44.	40					
71	EB 80 AG210939.603387.211180.603518.	425 2.8 0. 44.	40					
72	EB 80 AG211180.603518.211557.603727.	425 2.8 0. 44.	40					
1	SB RMP E80AG210940.603389.210778.603295.	425 2.8 0. 44.	40					
2	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3						

S23B130P.DAT

60	14	5.0	425	28.3	1863	3	3		
0 1	SB RMP	E80AG210772.603286.210466.603118.		625	2.8	0.	56.	40	
0 1	SB RMP	WL8AG210939.603399.211080.603480.		150	2.8	0.	44.	40	
2	SB RMP	WL8AG210949.603404.211047.603461.		0.	24.	2			
60	14	5.0	150	28.3	1413	3	3		
0 1	SB RMP	WT8AG210933.603408.211079.603489.		150	2.8	0.	44.	40	
0 1	SB RMP	W80AG211083.603489.211492.603717.		525	2.8	0.	44.	40	
0 1	SB RMP	W80AG210512.603159.210932.603403.		350	2.8	0.	44.	40	
0 1	SB RMP	WL AG210983.603264.210920.603384.		150	2.8	0.	44.	40	
0 1	SB RMP	CirAG211165.603508.211049.603414.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211049.603414.211008.603364.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211008.603364.211004.603287.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211004.603287.211029.603227.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211029.603227.211089.603177.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211089.603177.211193.603166.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211193.603166.211419.603175.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211419.603175.211499.603251.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211499.603251.211511.603344.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211511.603344.211486.603403.		450	2.6	0.	32.	61	
0 1	SB RMP	CirAG211486.603403.211423.603469.		450	2.6	0.	32.	61	
0 1	SB On RMP	AG212132.602583.212057.602692.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG212057.602692.211962.602817.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211962.602817.211858.602905.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211858.602905.211734.602975.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211734.602975.211590.603019.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211590.603019.211347.603049.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211347.603049.211193.603089.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211193.603089.211084.603156.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211084.603156.211020.603194.		200	2.6	0.	32.	61	
0 1	SB On RMP	AG211020.603194.210976.603256.		200	2.6	0.	32.	61	
0 1	NB GP	AG210288.604040.210994.603831.		5450	3.7	0.	44.	59	
0 1	NB GP	AG210994.603831.211305.603711.		5450	3.7	0.	44.	59	
0 1	NB GP	AG211305.603711.211575.603546.		5450	3.7	0.	44.	59	
0 1	NB GP	AG211575.603546.211828.603315.		5450	3.7	0.	44.	59	
0 1	NB GP	AG211828.603315.211976.603144.		5450	3.7	0.	44.	59	
0 1	NB GP	AG211976.603144.212095.602967.		5450	3.7	0.	44.	59	
0 1	NB ETL	AG210281.603985.210773.603848.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG210773.603848.211062.603762.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG211062.603762.211342.603634.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG211342.603634.211533.603513.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG211533.603513.211718.603362.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG211718.603362.211890.603183.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG211890.603183.212018.603004.		1775	3.7	0.	32.	59	
0 1	NB ETL	AG212018.603004.212104.602860.		1775	3.7	0.	32.	59	
0 1	SB ETL	AG212069.602828.211997.602953.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211997.602953.211855.603148.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211855.603148.211711.603304.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211711.603304.211544.603446.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211544.603446.211308.603599.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211308.603599.211112.603692.		775	3.8	0.	32.	60	
0 1	SB ETL	AG211112.603692.210901.603766.		775	3.8	0.	32.	60	
0 1	SB ETL	AG210901.603766.210314.603929.		775	3.8	0.	32.	60	
0 1	SB GP	AG212064.602739.211923.602984.		2300	3.8	0.	44.	60	
0 1	SB GP	AG211923.602984.211730.603225.		2300	3.8	0.	44.	60	

S23B130P.DAT						
0	1					
0	1	SB GP	AG211730.603225.211584.603358.	2300	3.8	0. 44. 60
0	1	SB GP	AG211584.603360.211349.603520.	2300	3.8	0. 44. 60
0	1	SB GP	AG211349.603520.211054.603666.	2300	3.8	0. 44. 60
0	1	SB GP	AG211054.603666.210639.603797.	2300	3.8	0. 44. 60
0	1	SB GP	AG210639.603797.210231.603904.	2300	3.8	0. 44. 60
1.0	0.4	1000. 0.0Y	5 0 72			

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:23.07

RUN: B130PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB	off RMP*	211619.0	603949.0	211694.0	603814.0	154.	151. AG	150.	2.6	.0	44.0	
2. 17	NB	off RMP*	211678.0	603844.0	211663.5	603869.8	30.	331. AG	121.	100.0	.0	24.0	.26 1.5
3. 18	NB	off RMP*	211619.0	603949.0	211622.0	603852.0	97.	178. AG	150.	2.6	.0	32.0	
4.	NB	off Ram*	211622.0	603852.0	211576.0	603776.0	89.	211. AG	150.	2.6	.0	32.0	
5. 20	NB	off Ram*	211581.0	603783.0	211611.5	603833.6	59.	31. AG	61.	100.0	.0	12.0	.52 3.0
6. 20	NB	off Ram*	211576.0	603776.0	211500.0	603713.0	99.	230. AG	150.	2.6	.0	32.0	
7. 36	NB	80 ONRA*	211000.0	603280.0	210939.0	603387.0	123.	330. AG	1175.	2.6	.0	32.0	
8. 43	NB	on RMP*	211863.0	603927.0	211763.0	603900.0	104.	255. AG	1175.	2.6	.0	32.0	
9.	NB	on RMP*	211763.0	603900.0	211658.0	603923.0	107.	282. AG	1175.	2.6	.0	32.0	
10.	NB	on RMP*	211700.0	603914.0	211739.4	603904.7	40.	103. AG	4.	100.0	.0	12.0	.81 2.1
11.	NB	RMP W78*	211863.0	603927.0	211704.0	603824.0	189.	237. AG	425.	2.8	.0	32.0	
12. 57	NB	RMP W78*	211726.0	603838.0	211815.8	603896.0	107.	57. AG	39.	100.0	.0	12.0	.49 5.4
13.	NB	RMP E80*	211705.0	603811.0	211556.0	603727.0	171.	241. AG	875.	2.8	.0	44.0	
14.	NB	RMP E80*	211687.0	603801.0	211653.7	603782.2	38.	241. AG	27.	100.0	.0	24.0	.49 1.9
15. dp	NB	RMP E80*	212302.0	604151.0	211707.0	603812.0	685.	240. AG	625.	2.8	.0	44.0	
16.	NB	on RMP*	210486.0	603978.0	210661.0	603955.0	177.	97. AG	1575.	2.6	.0	32.0	
17. 0	NB	on RMP*	210661.0	603955.0	210810.0	603952.0	149.	91. AG	1575.	2.6	.0	32.0	
18. 0	NB	on RMP*	210810.0	603952.0	211023.0	603995.0	217.	79. AG	1575.	2.6	.0	32.0	
19. 0	NB	on RMP*	211023.0	603995.0	211207.0	604048.0	191.	74. AG	1575.	2.6	.0	32.0	
20. 0	NB	on RMP*	211207.0	604048.0	211523.0	604060.0	316.	88. AG	1575.	2.6	.0	32.0	
21. 0	NB	on RMP*	211523.0	604060.0	211609.0	604006.0	102.	122. AG	1575.	2.6	.0	32.0	
22. 0	NB	on RMP*	211609.0	604006.0	211660.0	603921.0	99.	149. AG	1575.	2.6	.0	32.0	
23.	NB	RMP Cir*	211376.0	603670.0	211303.0	603731.0	95.	310. AG	225.	2.6	.0	32.0	
24. 0	NB	RMP Cir*	211303.0	603731.0	211187.0	603798.0	134.	300. AG	225.	2.6	.0	32.0	
25. 0	NB	RMP Cir*	211187.0	603798.0	211149.0	603856.0	69.	327. AG	225.	2.6	.0	32.0	
26. 0	NB	RMP Cir*	211149.0	603856.0	211147.0	603933.0	77.	359. AG	225.	2.6	.0	32.0	
27. 0	NB	RMP Cir*	211147.0	603933.0	211199.0	604010.0	93.	34. AG	225.	2.6	.0	32.0	
28. 0	NB	RMP Cir*	211199.0	604010.0	211306.0	604034.0	110.	77. AG	225.	2.6	.0	32.0	
29. 0	NB	RMP Cir*	211306.0	604034.0	211515.0	604036.0	209.	89. AG	225.	2.6	.0	32.0	
30. 0	NB	RMP Cir*	211515.0	604036.0	211583.0	604001.0	76.	117. AG	225.	2.6	.0	32.0	
31. 0	NB	RMP Cir*	211583.0	604001.0	211619.0	603948.0	64.	146. AG	225.	2.6	.0	32.0	
32. 41	WB	80	212296.0	604166.0	211969.0	603976.0	378.	240. AG	1600.	2.8	.0	44.0	
33. 42	WB	80	211969.0	603976.0	211863.0	603927.0	117.	245. AG	1600.	2.8	.0	44.0	
34. 58	WB	80	211704.0	603824.0	211500.0	603713.0	232.	241. AG	500.	2.8	.0	32.0	
35. 64	EB	80SB270*	210778.0	603284.0	210850.0	603300.0	74.	77. AG	425.	2.8	.0	44.0	
36. 65	EB	80SB270*	210850.0	603300.0	210918.0	603294.0	68.	95. AG	425.	2.8	.0	44.0	
37. 66	EB	80SB270*	210918.0	603294.0	210980.0	603262.0	70.	117. AG	425.	2.8	.0	44.0	
38. 71	EB	80	210939.0	603387.0	211180.0	603518.0	274.	61. AG	425.	2.8	.0	44.0	
39. 72	EB	80	211180.0	603518.0	211557.0	603727.0	431.	61. AG	425.	2.8	.0	44.0	
40.	SB	RMP E80*	210940.0	603389.0	210778.0	603295.0	187.	240. AG	425.	2.8	.0	44.0	
41.	SB	RMP E80*	210928.0	603383.0	210918.7	603377.6	11.	240. AG	53.	100.0	.0	36.0	.12 .5
42. 0	SB	RMP E80*	210772.0	603286.0	210466.0	603118.0	349.	241. AG	625.	2.8	.0	56.0	
43.	SB	RMP WL8*	210939.0	603399.0	211080.0	603480.0	163.	60. AG	150.	2.8	.0	44.0	
44.	SB	RMP WL8*	210949.0	603404.0	210954.0	603406.9	6.	60. AG	35.	100.0	.0	24.0	.08 .3

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:23.07

RUN: B130PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB	RMP W78*	210933.0	603408.0	211079.0	603489.0	167.	61. AG	150.	2.8	.0	44.0	
46.	SB	RMP W80*	211083.0	603489.0	211492.0	603717.0	468.	61. AG	525.	2.8	.0	44.0	
47. 0	SB	RMP W80*	210512.0	603159.0	210932.0	603403.0	486.	60. AG	350.	2.8	.0	44.0	
48.	SB	RMP WL*	210983.0	603264.0	210920.0	603384.0	136.	332. AG	150.	2.8	.0	44.0	
49. 0	SB	RMP Cir*	211165.0	603508.0	211049.0	603414.0	149.	231. AG	450.	2.6	.0	32.0	
50. 0	SB	RMP Cir*	211049.0	603414.0	211008.0	603364.0	65.	219. AG	450.	2.6	.0	32.0	
51. 0	SB	RMP Cir*	211008.0	603364.0	211004.0	603287.0	77.	183. AG	450.	2.6	.0	32.0	
52. 0	SB	RMP Cir*	211004.0	603287.0	211029.0	603227.0	65.	157. AG	450.	2.6	.0	32.0	
53. 0	SB	RMP Cir*	211029.0	603227.0	211089.0	603177.0	78.	130. AG	450.	2.6	.0	32.0	
54. 0	SB	RMP Cir*	211089.0	603177.0	211193.0	603166.0	105.	96. AG	450.	2.6	.0	32.0	
55. 0	SB	RMP Cir*	211193.0	603166.0	211419.0	603175.0	226.	88. AG	450.	2.6	.0	32.0	
56. 0	SB	RMP Cir*	211419.0	603175.0	211499.0	603251.0	110.	46. AG	450.	2.6	.0	32.0	
57. 0	SB	RMP Cir*	211499.0	603251.0	211511.0	603344.0	94.	7. AG	450.	2.6	.0	32.0	
58. 0	SB	RMP Cir*	211511.0	603344.0	211486.0	603403.0	64.	337. AG	450.	2.6	.0	32.0	
59. 0	SB	RMP Cir*	211486.0	603403.0	211423.0	603469.0	91.	316. AG	450.	2.6	.0	32.0	
60. 0	SB	on RMP*	212132.0	602583.0	212057.0	602692.0	132.	325. AG	200.	2.6	.0	32.0	
61. 0	SB	on RMP*	212057.0	602692.0	211962.0	602817.0	157.	323. AG	200.	2.6	.0	32.0	
62. 0	SB	on RMP*	211962.0	602817.0	211858.0	602905.0	136.	310. AG	200.	2.6	.0	32.0	
63. 0	SB	on RMP*	211858.0	602905.0	211734.0	602975.0	142.	299. AG	200.	2.6	.0	32.0	
64. 0	SB	on RMP*	211734.0	602975.0	211590.0	603019.0	151.	287. AG	200.	2.6	.0	32.0	
65. 0	SB	on RMP*	211590.0	603019.0	211347.0	603049.0	245.	277. AG	200.	2.6	.0	32.0	
66. 0	SB	on RMP*	211347.0	603049.0	211193.0	603089.0	159.	285. AG	200.	2.6	.0	32.0	
67. 0	SB	on RMP*	211193.0	603089.0	211084.0	603156.0	128.	302. AG	200.	2.6	.0	32.0	
68. 0	SB	on RMP*	211084.0	603156.0	211020.0	603194.0	74.	301. AG	200.	2.6	.0	32.0	
69. 0	SB	on RMP*	211020.0	603194.0	210976.0	603256.0	76.	325. AG	200.	2.6	.0	32.0	
70.	NB	GP	210288.0	604040.0	210994.0	603831.0	736.	106. AG	5450.	3.7	.0	44.0	
71. 0	NB	GP	210994.0	603831.0	211305.0	603711.0	333.	111. AG	5450.	3.7	.0	44.0	
72. 0	NB	GP	211305.0	603711.0	211575.0	603546.0	316.	121. AG	5450.	3.7	.0	44.0	
73. 0	NB	GP	211575.0	603546.0	211828.0	603315.0	343.	132. AG	5450.	3.7	.0	44.0	
74. 0	NB	GP	211828.0	603315.0	211976.0	603144.0	226.	139. AG	5450.	3.7	.0	44.0	
75. 0	NB	GP	211976.0	603144.0	212095.0	602967.0	213.	146. AG	5450.	3.7	.0	44.0	
76. 0	NB	ETL	210281.0	603985.0	210773.0	603848.0	511.	106. AG	1775.	3.7	.0	32.0	
77. 0	NB	ETL	210773.0	603848.0	211062.0	603762.0	302.	107. AG	1775.	3.7	.0	32.0	
78. 0	NB	ETL	211062.0	603762.0	211342.0	603634.0	308.	115. AG	1775.	3.7	.0	32.0	
79. 0	NB	ETL	211342.0	603634.0	211533.0	603513.0	226.	122. AG	1775.	3.7	.0	32.0	
80. 0	NB	ETL	211533.0	603513.0	211718.0	603362.0	239.	129. AG	1775.	3.7	.0	32.0	

S23B130P.OUT

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1775.	3.7	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1775.	3.7	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1775.	3.7	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	775.	3.8	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	775.	3.8	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	775.	3.8	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	775.	3.8	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	775.	3.8	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	775.	3.8	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	775.	3.8	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	775.	3.8	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2300.	3.8	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2300.	3.8	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2300.	3.8	.0	44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	2300.	3.8	.0	44.0

1

PAGE 3

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:23.07

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2300.	3.8	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2300.	3.8	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2300.	3.8	.0	44.0

1

PAGE 4

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:23.07

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
2. 17	NB off RMP*	90	72	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	72	.3	150	1661	28.30	3	3
10.	NB on RMP *	90	5	.3	1175	1583	28.30	3	3
12. 57	NB RMP WT8*	90	46	.3	425	1863	28.30	3	3
14.	NB RMP E80*	90	16	5.0	875	1207	28.30	3	3
41.	SB RMP E80*	60	14	5.0	425	1863	28.30	3	3
44.	SB RMP WL8*	60	14	5.0	150	1413	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. CRN SB ON	* 210891.0	603267.0	5.0	*
2. 82' SB ON	* 210829.0	603265.0	5.0	*
3. 164' SB ON	* 210751.0	603234.0	5.0	*
4. MID SB ON	* 210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	* 210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	* 210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	* 210864.0	603396.0	5.0	*
8. CR SB ON NE	* 210952.0	603444.0	5.0	*
9. 82' SB ON NE	* 211008.0	603473.0	5.0	*
10. MID SB ON NE	* 211080.0	603509.0	5.0	*
11. NB ON CRN SS	* 211768.0	603820.0	5.0	*
12. NB ON 82' SS	* 211813.0	603846.0	5.0	*
13. NB 164' SS	* 211916.0	603904.0	5.0	*
14. NB MID SS	* 212135.0	604030.0	5.0	*
15. NB ON MID	* 211908.0	603986.0	5.0	*
16. NB ON 164'	* 211812.0	603942.0	5.0	*
17. NB ON CRN	* 211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B130PM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .1	.1	.1	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.2	.0	.0	.0
5.	* .1	.1	.1	.2	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0
10.	* .0	.1	.1	.2	.1	.1	.2	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0
15.	* .1	.0	.1	.2	.1	.1	.2	.2	.1	.2	.2	.1	.2	.2	.0	.0	.0
20.	* .1	.1	.0	.2	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.0	.0	.0
25.	* .1	.1	.0	.1	.1	.0	.1	.1	.2	.2	.2	.1	.2	.2	.0	.0	.0
30.	* .1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.3	.2	.0	.0	.0
35.	* .1	.1	.1	.2	.0	.1	.1	.2	.2	.2	.1	.2	.3	.2	.0	.0	.0
40.	* .1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.1	.2	.3	.2	.0	.0	.0
45.	* .0	.0	.1	.1	.1	.1	.1	.2	.2	.3	.1	.2	.3	.2	.0	.0	.0
50.	* .1	.0	.0	.1	.1	.1	.1	.2	.3	.3	.1	.2	.2	.2	.0	.0	.0
55.	* .1	.1	.0	.0	.0	.0	.2	.3	.3	.3	.1	.2	.2	.2	.1	.0	.0
60.	* .1	.1	.0	.0	.0	.0	.2	.2	.2	.3	.1	.1	.2	.2	.1	.0	.0
65.	* .1	.1	.0	.0	.0	.1	.1	.2	.2	.3	.1	.1	.2	.1	.1	.1	.0
70.	* .0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.0	.0	.0	.0	.1	.2	.0
75.	* .0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.0	.1	.2	.0
80.	* .1	.0	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.0	.0	.1	.1	.0
85.	* .0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.0	.0	.0	.0	.2	.1	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.0	.0	.0	.0	.2	.1	.0

S23B130P.OUT

95.	*	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.2	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.2	.2	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.2	.1
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
165.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	.0	.1	.1	.2
175.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.2
180.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.4
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.3

1

JOB: B130PM I270 AND 80 RAMPS

RUN: B130PM I270 AND 80 RAMPS

PAGE 6

WIND	* CONCENTRATION																	
ANGLE	(PPM)																	
(DEGR)	REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17																	
210.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.2	.3	.3	
215.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.3	.3	
220.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.2	.2	.3	
225.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.2	.2	
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.2	.2	
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.2	
245.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.2	.2	
250.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.2	.2	
255.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.2	.2	.1	.1	.2	
260.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.2	.2	.1	.2	.3	
265.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.1	.4	
270.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.1	.2	
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.2	.0	.1	
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.3	.2	.2	.0	.0	.1	
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.0	.1	
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	
300.	*	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.2	.2	.2	.0	.0	.1	
305.	*	.0	.0	.1	.1	.0	.0	.0	.1	.2	.1	.2	.2	.2	.0	.0	.1	
310.	*	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	
315.	*	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	
320.	*	.0	.0	.0	.1	.0	.0	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	
325.	*	.1	.0	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	.2	.0	.0	.0	
330.	*	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.0	.0	.0	
335.	*	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.0	.0	.0	
340.	*	.1	.1	.2	.2	.1	.1	.1	.2	.3	.2	.2	.2	.2	.0	.0	.0	
345.	*	.1	.1	.1	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	
350.	*	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	
355.	*	.1	.1	.1	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	
360.	*	.1	.1	.1	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	
MAX		.1	.1	.2	.2	.1	.1	.2	.3	.3	.5	.3	.3	.3	.2	.2	.4	
DEGR.	*	0	0	335	0	0	0	5	0	90	255	255	30	0	85	190	200	

THE HIGHEST CONCENTRATION IS .50 PPM AT 90 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC17.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC8.

1

JOB: B130PM I270 AND 80 RAMPS

RUN: B130PM I270 AND 80 RAMPS

PAGE 7

DATE: 12/22/2006 TIME: 22:40:23.07

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)																	
* ANGLE (DEGREES)																	
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17																	
LINK #	0	0	335	0	0	0	0	5	0	90	255	255	30	0	85	190	200
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

RUN: B130PM I270 AND 80 RAMPS

[illegible]

S23B230A.DAT

B230AM I270 AND 80 RAMPS	60.0175.0.0000.000170.30480000	11	1
CRN SB ON	210891. 603267. 5.0		
82' SB ON	210829. 603265. 5.0		
164' SB ON	210751. 603234. 5.0		
MID SB ON	210664. 603190. 5.0		
MID SB ON NS ROW	210617. 603276. 5.0		
162' SB ON NS ROW	210744. 603330. 5.0		
CR SB ON NS ROW	210864. 603396. 5.0		
CR SB ON NE	210952. 603444. 5.0		
82' SB ON NE	211008. 603473. 5.0		
MID SB ON NE	211080. 603509. 5.0		
NB ON CRN SS	211768. 603820. 5.0		
NB ON 82' SS	211813. 603846. 5.0		
NB 164' SS	211916. 603904. 5.0		
NB MID SS	212135. 604030. 5.0		
NB ON MID	211908. 603986. 5.0		
NB ON 164'	211812. 603942. 5.0		
NB ON CRN	211720. 603937. 5.0		
B230AM I270 AND 80 RAMPS	98 1 1		
16	NB off RMPAG211619.603949.211694.603814.	125 2.7 0. 44.	30
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2	
150	133 3 125 28.3 1681 3 3		
18	NB off RMPAG211619.603949.211622.603852.	25 2.7 0. 32.	30
1	NB off RamAG211622.603852.211576.603776.	25 2.7 0. 32.	30
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1	
150	133 3 25 28.3 1583 3 3		
20	NB off RamAG211576.603776.211500.603713.	25 2.7 0. 32.	30
36	NB 80 ONRAAG211000.603280.210939.603387.	650 2.7 0. 32.	30
43	NB on RMP AG211863.603927.211763.603900.	650 2.7 0. 32.	30
1	NB on RMP AG211763.603900.211658.603923.	650 2.7 0. 32.	30
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1	
150	1 3 650 28.3 1583 3 3		
1	NB RMP WT8AG211863.603927.211704.603824.	400 2.7 0. 32.	30
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1	
150	28 3 400 28.3 1863 3 3		
1	NB RMP E80AG211705.603811.211556.603727.	1875 2.7 0. 44.	61
2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2	
150	15 5.0 1875 28.3 1366 3 3		
dp	NB RMP E80AG212302.604151.211707.603812.	1800 2.9 0. 44.	40
1	NB on RMP AG210486.603978.210661.603955.	850 2.7 0. 32.	61
0	NB on RMP AG210661.603955.210810.603952.	850 2.7 0. 32.	61
0	NB on RMP AG210810.603952.211023.603995.	850 2.7 0. 32.	61
0	NB on RMP AG211023.603995.211207.604048.	850 2.7 0. 32.	61
0	NB on RMP AG211207.604048.211523.604060.	850 2.7 0. 32.	61
0	NB on RMP AG211523.604060.211609.604006.	850 2.7 0. 32.	61
0	NB on RMP AG211609.604006.211660.603921.	850 2.7 0. 32.	61
0	NB RMP CirAG211376.603670.211303.603731.	150 2.7 0. 32.	61
0	NB RMP CirAG211303.603731.211187.603798.	150 2.7 0. 32.	61
0	NB RMP CirAG211187.603798.211149.603856.	150 2.7 0. 32.	61
0	NB RMP CirAG211149.603856.211147.603933.	150 2.7 0. 32.	61
0	NB RMP CirAG211147.603933.211199.604010.	150 2.7 0. 32.	61
0	NB RMP CirAG211199.604010.211306.604034.	150 2.7 0. 32.	61
0	NB RMP CirAG211306.604034.211515.604036.	150 2.7 0. 32.	61
0	NB RMP CirAG211515.604036.211583.604001.	150 2.7 0. 32.	61
0	NB RMP CirAG211583.604001.211619.603948.	150 2.7 0. 32.	61
41	WB 80 AG212296.604166.211969.603976.	1050 2.9 0. 44.	40
42	WB 80 AG211969.603976.211863.603927.	1050 2.9 0. 44.	40
58	wb 80 AG211704.603824.211500.603713.	425 2.9 0. 32.	40
64	EB 80SB270AG210778.603284.210850.603300.	700 2.9 0. 44.	40
65	EB 80SB270AG210850.603300.210918.603294.	700 2.9 0. 44.	40
66	EB 80SB270AG210918.603294.210980.603262.	700 2.9 0. 44.	40
71	EB 80 AG210939.603387.211180.603518.	700 2.9 0. 44.	40
72	EB 80 AG211180.603518.211557.603727.	700 2.9 0. 44.	40
2	SB RMP E80AG210940.603389.210778.603295.	700 2.9 0. 56.	40
	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3	

S23B230A.DAT

150	55	5.0	700	28.3	1863	3	3		
0 1	SB RMP	E80AG210772.603286.210466.603118.	1800	2.9	0.	56.	40		
0 1	SB RMP	WL8AG210939.603399.211080.603480.	225	2.9	0.	44.	40		
2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2				
150	55	5.0	225	28.3	507	3	3		
0 1	SB RMP	WT8AG210933.603408.211079.603489.	225	2.9	0.	44.	40		
0 1	SB RMP	W80AG211083.603489.211492.603717.	975	2.9	0.	44.	40		
0 1	SB RMP	W80AG210512.603159.210932.603403.	200	2.9	0.	44.	40		
0 1	SB RMP	WL AG210983.603264.210920.603384.	225	2.9	0.	32.	40		
0 1	SB RMP	CirAG211165.603508.211049.603414.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211049.603414.211008.603364.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211008.603364.211004.603287.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211004.603287.211029.603227.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211029.603227.211089.603177.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211089.603177.211193.603166.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211193.603166.211419.603175.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211419.603175.211499.603251.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211499.603251.211511.603344.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211511.603344.211486.603403.	1175	2.7	0.	32.	30		
0 1	SB RMP	CirAG211486.603403.211423.603469.	1175	2.7	0.	32.	30		
0 1	SB On RMP	AG212132.602583.212057.602692.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG212057.602692.211962.602817.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211962.602817.211858.602905.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211858.602905.211734.602975.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211734.602975.211590.603019.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211590.603019.211347.603049.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211347.603049.211193.603089.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211193.603089.211084.603156.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211084.603156.211020.603194.	325	2.7	0.	32.	30		
0 1	SB On RMP	AG211020.603194.210976.603256.	325	2.7	0.	32.	30		
0 1	NB GP	AG210288.604040.210994.603831.	2250	3.8	0.	44.	61		
0 1	NB GP	AG210994.603831.211305.603711.	2250	3.8	0.	44.	61		
0 1	NB GP	AG211305.603711.211575.603546.	2250	3.8	0.	44.	61		
0 1	NB GP	AG211575.603546.211828.603315.	2250	3.8	0.	44.	61		
0 1	NB GP	AG211828.603315.211976.603144.	2250	3.8	0.	44.	61		
0 1	NB GP	AG211976.603144.212095.602967.	2250	3.8	0.	44.	61		
0 1	NB ETL	AG210281.603985.210773.603848.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG210773.603848.211062.603762.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG211062.603762.211342.603634.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG211342.603634.211533.603513.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG211533.603513.211718.603362.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG211718.603362.211890.603183.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG211890.603183.212018.603004.	1375	3.9	0.	32.	62		
0 1	NB ETL	AG212018.603004.212104.602860.	1375	3.9	0.	32.	62		
0 1	SB ETL	AG212069.602828.211997.602953.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211997.602953.211855.603148.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211855.603148.211711.603304.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211711.603304.211544.603446.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211544.603446.211308.603599.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211308.603599.211112.603692.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG211112.603692.210901.603766.	3550	3.9	0.	32.	62		
0 1	SB ETL	AG210901.603766.210314.603929.	3550	3.9	0.	32.	62		
0 1	SB GP	AG212064.602739.211923.602984.	4550	2.6	0.	44.	35		
0 1	SB GP	AG211923.602984.211730.603225.	4550	2.6	0.	44.	35		

S23B230A.DAT					
0	1				
0	1	SB GP	AG211730.603225.211584.603358.	4550 2.6 0. 44.	35
0	1	SB GP	AG211584.603360.211349.603520.	4550 2.6 0. 44.	35
0	1	SB GP	AG211349.603520.211054.603666.	4550 2.6 0. 44.	35
0	1	SB GP	AG211054.603666.210639.603797.	4550 2.6 0. 44.	35
0	1	SB GP	AG210639.603797.210231.603904.	4550 2.6 0. 44.	35
1.0	0.4	1000. 0.0Y	5 0 72		

JOB: B230AM I270 AND 80 RAMPS
DATE: 01/20/2007 TIME: 12:00:41.79

RUN: B230AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	650.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	650.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	650.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211703.5	603913.2	*	4.	103. AG	1.	100.0	.0	12.0	.42 .2
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211777.5	603871.2	*	61.	57. AG	14.	100.0	.0	12.0	.27 3.1
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.1	603763.3	*	77.	241. AG	15.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1800.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	850.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	850.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	850.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	850.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	850.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	850.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	850.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	425.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	700.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	700.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	700.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	700.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	700.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	700.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210867.5	603347.6	*	70.	240. AG	83.	100.0	.0	36.0	.21 3.6
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1800.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	225.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210978.1	603420.9	*	34.	60. AG	56.	100.0	.0	24.0	.38 1.7

JOB: B230AM I270 AND 80 RAMPS
DATE: 01/20/2007 TIME: 12:00:41.79

RUN: B230AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	225.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	975.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	225.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1175.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1175.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1175.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1175.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1175.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1175.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1175.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1175.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1175.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1175.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1175.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	325.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	325.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	325.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	325.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	325.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	325.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	325.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	325.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	325.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	325.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2250.	3.8	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2250.	3.8	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2250.	3.8	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2250.	3.8	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2250.	3.8	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2250.	3.8	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1375.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1375.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1375.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1375.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1375.	3.9	.0	32.0	

S23B230A.OUT												
81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1375.	3.9	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1375.	3.9	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1375.	3.9	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	3550.	3.9	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	3550.	3.9	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	3550.	3.9	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	3550.	3.9	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	3550.	3.9	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	3550.	3.9	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	3550.	3.9	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	3550.	3.9	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4550.	2.6	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4550.	2.6	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4550.	2.6	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	4550.	2.6	.0	44.0

1

PAGE 3

JOB: B230AM I270 AND 80 RAMPS
DATE: 01/20/2007 TIME: 12:00:41.79

RUN: B230AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4550.	2.6	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4550.	2.6	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4550.	2.6	.0	44.0	

1

PAGE 4

JOB: B230AM I270 AND 80 RAMPS
DATE: 01/20/2007 TIME: 12:00:41.79

RUN: B230AM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10. 10	NB on RMP *	150	1	.3	650	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	400	1863	28.30	3	3
14. 14	NB RMP E80*	150	15	5.0	1875	1366	28.30	3	3
41. 41	SB RMP E80*	150	55	5.0	700	1863	28.30	3	3
44. 44	SB RMP WL8*	150	55	5.0	225	507	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	* .3	.3	.1	.2	.1	.2	.1	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
5.	* .3	.3	.2	.2	.1	.2	.1	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
10.	* .3	.3	.2	.2	.1	.2	.1	.2	.2	.4	.2	.2	.3	.3	.0	.0	.0
15.	* .2	.3	.2	.2	.1	.1	.2	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
20.	* .2	.2	.1	.2	.1	.1	.2	.2	.3	.3	.2	.2	.3	.3	.0	.0	.0
25.	* .1	.2	.1	.2	.1	.1	.2	.1	.2	.3	.2	.2	.3	.3	.0	.0	.0
30.	* .0	.2	.1	.2	.1	.1	.1	.2	.3	.3	.2	.2	.3	.3	.0	.0	.0
35.	* .1	.1	.1	.2	.0	.0	.0	.1	.2	.3	.3	.3	.4	.3	.0	.0	.0
40.	* .1	.1	.1	.2	.0	.0	.0	.2	.2	.2	.3	.3	.4	.4	.0	.0	.0
45.	* .1	.2	.1	.2	.0	.0	.1	.2	.2	.3	.3	.3	.4	.4	.0	.0	.0
50.	* .1	.2	.1	.2	.0	.0	.2	.2	.2	.3	.3	.3	.4	.4	.0	.0	.0
55.	* .0	.0	.0	.1	.0	.0	.2	.2	.3	.3	.3	.3	.4	.3	.0	.0	.0
60.	* .0	.0	.0	.1	.0	.1	.1	.2	.3	.4	.2	.2	.3	.2	.2	.1	.0
65.	* .0	.0	.0	.1	.0	.0	.1	.2	.3	.5	.2	.2	.2	.2	.2	.1	.0
70.	* .0	.0	.0	.1	.0	.1	.1	.1	.3	.6	.1	.1	.1	.1	.2	.1	.1
75.	* .0	.0	.0	.0	.0	.1	.0	.2	.3	.5	.1	.1	.1	.1	.2	.2	.1
80.	* .0	.0	.0	.0	.1	.2	.0	.2	.3	.4	.1	.1	.1	.1	.2	.2	.1
85.	* .0	.0	.0	.0	.1	.1	.0	.2	.4	.5	.0	.0	.0	.0	.2	.2	.1
90.	* .0	.0	.0	.0	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.2	.2	.1

S23B230A.OUT

95.	*	.0	.0	.0	.0	.1	.1	.1	.1	.3	.5	.0	.0	.0	.0	.3	.2	.1
100.	*	.0	.0	.0	.0	.1	.1	.1	.1	.3	.4	.0	.0	.0	.0	.2	.2	.1
105.	*	.0	.0	.0	.0	.1	.0	.1	.1	.2	.4	.0	.0	.0	.0	.2	.1	.1
110.	*	.0	.0	.0	.0	.1	.0	.2	.1	.2	.4	.0	.0	.0	.0	.2	.1	.1
115.	*	.0	.0	.0	.0	.1	.0	.2	.1	.1	.3	.0	.0	.0	.0	.2	.1	.1
120.	*	.0	.0	.0	.0	.1	.0	.2	.1	.1	.3	.0	.0	.0	.0	.2	.1	.1
125.	*	.0	.0	.0	.0	.1	.0	.2	.1	.1	.3	.0	.0	.0	.0	.2	.1	.1
130.	*	.0	.0	.0	.0	.1	.0	.2	.1	.0	.3	.0	.0	.0	.0	.2	.1	.1
135.	*	.0	.0	.0	.0	.1	.0	.2	.1	.0	.3	.0	.0	.0	.0	.2	.1	.1
140.	*	.0	.0	.0	.0	.1	.0	.3	.1	.0	.3	.0	.0	.0	.0	.2	.1	.1
145.	*	.0	.0	.0	.0	.1	.1	.3	.1	.0	.3	.0	.0	.0	.0	.2	.1	.2
150.	*	.0	.0	.0	.0	.1	.1	.3	.1	.0	.3	.0	.0	.0	.0	.2	.1	.2
155.	*	.0	.0	.0	.0	.1	.1	.3	.1	.0	.3	.0	.0	.0	.0	.2	.1	.2
160.	*	.0	.0	.0	.0	.1	.1	.3	.1	.0	.3	.0	.0	.0	.0	.2	.1	.2
165.	*	.0	.0	.0	.0	.1	.1	.2	.1	.0	.3	.0	.0	.0	.0	.2	.2	.2
170.	*	.0	.0	.0	.0	.1	.1	.2	.1	.0	.3	.0	.0	.0	.0	.2	.1	.1
175.	*	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.2	.1	.1
180.	*	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.2	.1	.1
185.	*	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.2	.1	.1
190.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.2	.1	.1
195.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.3
200.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.3
205.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2

1

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

PAGE 6

WIND	*	CONCENTRATION																
ANGLE	*	(PPM)																
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	.2	.2	.2
215.	*	.0	.0	.0	.0	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	.2	.2	.2
220.	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.0	.0	.0	.1	.2	.1	.2
225.	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2
230.	*	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.2	.1	.1	.1	.1	.0	.2
235.	*	.0	.0	.1	.1	.0	.1	.1	.2	.0	.0	.3	.1	.1	.2	.1	.0	.2
240.	*	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1
245.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.0	.0	.1
250.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.0	.0	.0
255.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.0	.0	.0
260.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.0	.0	.0
265.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.4	.0	.0	.0
270.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
275.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0
280.	*	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.3	.2	.3	.0	.0	.0
285.	*	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0
290.	*	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0
295.	*	.0	.1	.2	.2	.0	.0	.0	.0	.0	.1	.3	.2	.2	.3	.0	.0	.0
300.	*	.0	.1	.2	.2	.0	.0	.0	.0	.2	.3	.3	.2	.3	.3	.0	.0	.0
305.	*	.0	.1	.2	.2	.0	.0	.0	.1	.2	.2	.3	.2	.3	.3	.0	.0	.0
310.	*	.0	.1	.1	.1	.0	.0	.0	.2	.2	.3	.3	.2	.3	.3	.0	.0	.0
315.	*	.0	.1	.1	.1	.0	.0	.1	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
320.	*	.1	.1	.1	.2	.0	.0	.2	.2	.3	.3	.2	.2	.3	.3	.0	.0	.0
325.	*	.1	.1	.2	.2	.0	.0	.2	.2	.3	.4	.2	.2	.3	.3	.0	.0	.0
330.	*	.2	.2	.2	.2	.0	.1	.1	.3	.3	.3	.2	.2	.3	.3	.0	.0	.0
335.	*	.2	.2	.2	.2	.0	.1	.2	.3	.3	.2	.2	.2	.3	.3	.0	.0	.0
340.	*	.3	.2	.3	.2	.0	.1	.2	.2	.3	.2	.2	.2	.3	.3	.0	.0	.0
345.	*	.4	.2	.2	.2	.0	.1	.2	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
350.	*	.4	.2	.2	.1	.1	.1	.2	.1	.2	.3	.2	.2	.3	.3	.0	.0	.0
355.	*	.3	.3	.2	.3	.1	.1	.2	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
360.	*	.3	.3	.1	.2	.1	.2	.1	.2	.2	.3	.2	.2	.3	.3	.0	.0	.0
MAX	*	.4	.3	.3	.3	.1	.2	.3	.3	.4	.6	.3	.3	.4	.4	.3	.2	.3
DEGR	*	345	0	340	355	0	140	330	85	70	35	35	35	40	95	75	195	

THE HIGHEST CONCENTRATION IS .60 PPM AT 70 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 345 DEGREES FROM REC1.
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 85 DEGREES FROM REC9.

1

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

PAGE 7

DATE: 01/20/2007 TIME: 12:00:41.79

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	*	CO/LINK (PPM)																
	*	ANGLE (DEGREES)																
	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
1	*	345	0	340	355	0	0	140	330	85	70	35	35	35	40	95	75	195
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

			S23B230P.DAT					
B230PM I270 AND 80 RAMPS			60.0175.0.0000.000170.30480000			11 1		
CRN SB ON	210891.	603267.	5.0					
82' SB ON	210829.	603265.	5.0					
164' SB ON	210751.	603234.	5.0					
MID SB ON	210664.	603190.	5.0					
MID SB ON NS ROW	210617.	603276.	5.0					
162' SB ON NS ROW	210744.	603330.	5.0					
CR SB ON NS ROW	210864.	603396.	5.0					
CR SB ON NE	210952.	603444.	5.0					
82' SB ON NE	211008.	603473.	5.0					
MID SB ON NE	211080.	603509.	5.0					
NB ON CRN SS	211768.	603820.	5.0					
NB ON 82' SS	211813.	603846.	5.0					
NB 164' SS	211916.	603904.	5.0					
NB MID SS	212135.	604030.	5.0					
NB ON MID	211908.	603986.	5.0					
NB ON 164'	211812.	603942.	5.0					
NB ON CRN	211720.	603937.	5.0					
B230PM I270 AND 80 RAMPS			98 1 1					
16	NB off RMPAG211619.603949.211694.603814.	150 2.7 0. 44.	30					
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2						
90	76 3 150 28.3 1681 3 3							
18	NB off RMPAG211619.603949.211622.603852.	75 2.7 0. 32.	30					
1	NB off RamAG211622.603852.211576.603776.	75 2.7 0. 32.	30					
2								
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1						
90	76 3 75 28.3 1583 3 3							
1	NB off RamAG211576.603776.211500.603713.	75 2.7 0. 32.	30					
20								
36	NB 80 ONRAAG211000.603280.210939.603387.	1200 2.7 0. 32.	30					
1								
43	NB on RMP AG211863.603927.211763.603900.	1200 2.7 0. 32.	30					
1	NB on RMP AG211763.603900.211658.603923.	1200 2.7 0. 32.	30					
2								
90	NB on RMP AG211700.603914.211755.603901.	0. 12. 1						
1	1 3 1200 28.3 1583 3 3							
2	NB RMP WT8AG211863.603927.211704.603824.	400 2.7 0. 32.	30					
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1						
90	39 3 400 28.3 1863 3 3							
1	NB RMP E80AG211705.603811.211556.603727.	875 2.7 0. 44.	61					
2								
90	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2						
1	12 5.0 875 28.3 1271 3 3							
dp	NB RMP E80AG212302.604151.211707.603812.	625 2.9 0. 44.	40					
1	NB on RMP AG210486.603978.210661.603955.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG210661.603955.210810.603952.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG210810.603952.211023.603995.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG211023.603995.211207.604048.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG211207.604048.211523.604060.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG211523.604060.211609.604006.	1600 2.7 0. 32.	61					
1								
0	NB on RMP AG211609.604006.211660.603921.	1600 2.7 0. 32.	61					
1								
1	NB RMP CirAG211376.603670.211303.603731.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211303.603731.211187.603798.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211187.603798.211149.603856.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211149.603856.211147.603933.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211147.603933.211199.604010.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211199.604010.211306.604034.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211306.604034.211515.604036.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211515.604036.211583.604001.	225 2.7 0. 32.	61					
1								
0	NB RMP CirAG211583.604001.211619.603948.	225 2.7 0. 32.	61					
1								
41	WB 80 AG212296.604166.211969.603976.	1600 2.9 0. 44.	40					
1								
42	WB 80 AG211969.603976.211863.603927.	1600 2.9 0. 44.	40					
1								
58	wb 80 AG211704.603824.211500.603713.	475 2.9 0. 32.	40					
1								
64	EB 80SB270AG210778.603284.210850.603300.	450 2.9 0. 44.	40					
1								
65	EB 80SB270AG210850.603300.210918.603294.	450 2.9 0. 44.	40					
1								
66	EB 80SB270AG210918.603294.210980.603262.	450 2.9 0. 44.	40					
1								
71	EB 80 AG210939.603387.211180.603518.	450 2.9 0. 44.	40					
1								
72	EB 80 AG211180.603518.211557.603727.	450 2.9 0. 44.	40					
1								
2	SB RMP E80AG210940.603389.210778.603295.	450 2.9 0. 56.	40					
	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3						

S23B230P.DAT

60	14	5.0	450	28.3	1863	3	3	
0 1	SB RMP	E80AG210772.603286.210466.603118.		625	2.9	0.	56.	40
0 1	SB RMP	WL8AG210939.603399.211080.603480.		150	2.9	0.	44.	40
2	SB RMP	WL8AG210949.603404.211047.603461.		0.	24.	2		
60	14	5.0	150	28.3	1380	3	3	
0 1	SB RMP	WT8AG210933.603408.211079.603489.		325	2.9	0.	44.	40
0 1	SB RMP	W80AG211083.603489.211492.603717.		500	2.9	0.	44.	40
0 1	SB RMP	W80AG210512.603159.210932.603403.		150	2.9	0.	44.	40
0 1	SB RMP	WL AG210983.603264.210920.603384.		325	2.9	0.	32.	40
0 1	SB RMP	CirAG211165.603508.211049.603414.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211049.603414.211008.603364.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211008.603364.211004.603287.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211004.603287.211029.603227.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211029.603227.211089.603177.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211089.603177.211193.603166.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211193.603166.211419.603175.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211419.603175.211499.603251.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211499.603251.211511.603344.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211511.603344.211486.603403.		425	2.7	0.	32.	30
0 1	SB RMP	CirAG211486.603403.211423.603469.		425	2.7	0.	32.	30
0 1	SB On RMP	AG212132.602583.212057.602692.		175	2.7	0.	32.	30
0 1	SB On RMP	AG212057.602692.211962.602817.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211962.602817.211858.602905.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211858.602905.211734.602975.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211734.602975.211590.603019.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211590.603019.211347.603049.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211347.603049.211193.603089.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211193.603089.211084.603156.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211084.603156.211020.603194.		175	2.7	0.	32.	30
0 1	SB On RMP	AG211020.603194.210976.603256.		175	2.7	0.	32.	30
0 1	NB GP	AG210288.604040.210994.603831.		4600	3.9	0.	44.	61
0 1	NB GP	AG210994.603831.211305.603711.		4600	3.9	0.	44.	61
0 1	NB GP	AG211305.603711.211575.603546.		4600	3.9	0.	44.	61
0 1	NB GP	AG211575.603546.211828.603315.		4600	3.9	0.	44.	61
0 1	NB GP	AG211828.603315.211976.603144.		4600	3.9	0.	44.	61
0 1	NB GP	AG211976.603144.212095.602967.		4600	3.9	0.	44.	61
0 1	NB ETL	AG210281.603985.210773.603848.		3525	3.9	0.	32.	61
0 1	NB ETL	AG210773.603848.211062.603762.		3525	3.9	0.	32.	61
0 1	NB ETL	AG211062.603762.211342.603634.		3525	3.9	0.	32.	61
0 1	NB ETL	AG211342.603634.211533.603513.		3525	3.9	0.	32.	61
0 1	NB ETL	AG211533.603513.211718.603362.		3525	3.9	0.	32.	61
0 1	NB ETL	AG211718.603362.211890.603183.		3525	3.9	0.	32.	61
0 1	NB ETL	AG211890.603183.212018.603004.		3525	3.9	0.	32.	61
0 1	NB ETL	AG212018.603004.212104.602860.		3525	3.9	0.	32.	61
0 1	SB ETL	AG212069.602828.211997.602953.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211997.602953.211855.603148.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211855.603148.211711.603304.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211711.603304.211544.603446.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211544.603446.211308.603599.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211308.603599.211112.603692.		1175	4.0	0.	32.	62
0 1	SB ETL	AG211112.603692.210901.603766.		1175	4.0	0.	32.	62
0 1	SB ETL	AG210901.603766.210314.603929.		1175	4.0	0.	32.	62
0 1	SB GP	AG212064.602739.211923.602984.		2025	3.9	0.	44.	61
0 1	SB GP	AG211923.602984.211730.603225.		2025	3.9	0.	44.	61

S23B230P.DAT						
0	1					
0	1	SB GP	AG211730.603225.211584.603358.	2025 3.9	0. 44.	61
0	1	SB GP	AG211584.603360.211349.603520.	2025 3.9	0. 44.	61
0	1	SB GP	AG211349.603520.211054.603666.	2025 3.9	0. 44.	61
0	1	SB GP	AG211054.603666.210639.603797.	2025 3.9	0. 44.	61
0	1	SB GP	AG210639.603797.210231.603904.	2025 3.9	0. 44.	61
1.0	0.4	1000. 0.0Y	5 0 72			

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:55:27.34

RUN: B230PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211662.7	603871.1	*	31.	331. AG	128.	100.0	.0	24.0	.34
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211597.1	603809.7	*	31.	31. AG	64.	100.0	.0	12.0	.37
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1200.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1200.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1200.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211719.9	603909.3	*	20.	103. AG	1.	100.0	.0	12.0	.79
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211797.7	603884.3	*	85.	57. AG	33.	100.0	.0	12.0	.40
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211662.0	603786.9	*	29.	241. AG	20.	100.0	.0	24.0	.44
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1600.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1600.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1600.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1600.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1600.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1600.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1600.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	475.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210918.1	603377.2	*	11.	240. AG	53.	100.0	.0	36.0	.12
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	35.	100.0	.0	24.0	.08

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:55:27.34

RUN: B230PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	325.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	150.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	325.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	425.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	425.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	425.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	425.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	425.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	425.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	425.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	425.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	425.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	425.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	425.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	175.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	175.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	175.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	175.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	175.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	175.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	175.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	175.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	175.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	175.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4600.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4600.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4600.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4600.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4600.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4600.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	3525.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	3525.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	3525.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	3525.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	3525.	3.9	.0	32.0	

S23B230P.OUT												
81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	3525.	3.9	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	3525.	3.9	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	3525.	3.9	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1175.	4.0	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1175.	4.0	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1175.	4.0	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1175.	4.0	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1175.	4.0	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1175.	4.0	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1175.	4.0	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1175.	4.0	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	3.9	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	3.9	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	3.9	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2025.	3.9	.0	44.0

1

PAGE 3

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:55:27.34

RUN: B230PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	3.9	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	3.9	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	3.9	.0	44.0	

1

PAGE 4

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:55:27.34

RUN: B230PM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	76	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	76	.3	75	1583	28.30	3	3
10. 10	NB on RMP *	90	1	.3	1200	1583	28.30	3	3
12. 57	NB RMP WT8*	90	39	.3	400	1863	28.30	3	3
14. 14	NB RMP E80*	90	12	5.0	875	1271	28.30	3	3
41. 41	SB RMP E80*	60	14	5.0	450	1863	28.30	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1380	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. CRN SB ON	*	210891.0	603267.0	5.0	*
2. 82' SB ON	*	210829.0	603265.0	5.0	*
3. 164' SB ON	*	210751.0	603234.0	5.0	*
4. MID SB ON	*	210664.0	603190.0	5.0	*
5. MID SB ON NS ROW	*	210617.0	603276.0	5.0	*
6. 162' SB ON NS ROW	*	210744.0	603330.0	5.0	*
7. CR SB ON NS ROW	*	210864.0	603396.0	5.0	*
8. CR SB ON NE	*	210952.0	603444.0	5.0	*
9. 82' SB ON NE	*	211008.0	603473.0	5.0	*
10. MID SB ON NE	*	211080.0	603509.0	5.0	*
11. NB ON CRN SS	*	211768.0	603820.0	5.0	*
12. NB ON 82' SS	*	211813.0	603846.0	5.0	*
13. NB 164' SS	*	211916.0	603904.0	5.0	*
14. NB MID SS	*	212135.0	604030.0	5.0	*
15. NB ON MID	*	211908.0	603986.0	5.0	*
16. NB ON 164'	*	211812.0	603942.0	5.0	*
17. NB ON CRN	*	211720.0	603937.0	5.0	*

1

PAGE 5

JOB: B230PM I270 AND 80 RAMPS

RUN: B230PM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0. *	.1	.1	.1	.2	.1	.1	.3	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0
5. *	.1	.1	.1	.2	.1	.1	.2	.3	.2	.3	.2	.2	.2	.2	.0	.0	.0
10. *	.0	.1	.1	.2	.1	.1	.2	.3	.1	.3	.1	.2	.2	.2	.0	.0	.0
15. *	.0	.0	.1	.2	.1	.1	.1	.2	.3	.1	.1	.2	.2	.2	.0	.0	.0
20. *	.1	.0	.0	.1	.1	.2	.2	.1	.2	.3	.1	.1	.2	.2	.0	.0	.0
25. *	.1	.1	.0	.1	.1	.0	.1	.2	.3	.3	.1	.1	.2	.3	.0	.0	.0
30. *	.1	.1	.1	.1	.0	.0	.1	.2	.3	.3	.1	.1	.3	.3	.0	.0	.0
35. *	.1	.1	.1	.1	.0	.1	.1	.2	.3	.3	.1	.2	.3	.3	.0	.0	.0
40. *	.0	.1	.1	.1	.0	.1	.2	.3	.3	.3	.1	.2	.3	.3	.0	.0	.0
45. *	.0	.0	.0	.1	.1	.1	.2	.3	.3	.3	.1	.2	.3	.2	.0	.0	.0
50. *	.1	.0	.0	.1	.0	.1	.2	.3	.3	.4	.1	.3	.2	.2	.0	.0	.0
55. *	.1	.0	.0	.1	.0	.0	.1	.3	.3	.4	.1	.2	.2	.2	.1	.0	.0
60. *	.1	.1	.0	.0	.0	.0	.1	.3	.3	.4	.1	.1	.2	.2	.1	.0	.0
65. *	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.1	.1	.2	.1	.1	.1	.0
70. *	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.0	.0	.0	.0	.1	.2	.0
75. *	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.0	.0	.0	.0	.1	.2	.0
80. *	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.0	.0	.0	.0	.1	.1	.0
85. *	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.2	.1	.0
90. *	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.0	.0	.0	.0	.2	.1	.0

S23B230P.OUT

95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.2	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.2	.2	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.2	.1
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.1
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.1	.1	.2
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.2	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.2
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.2	.2
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.2	.3
205.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.1	.0	.2	.2	.3

1

JOB: B230PM I270 AND 80 RAMPS

RUN: B230PM I270 AND 80 RAMPS

PAGE 6

WIND	CONCENTRATION																	
ANGLE	(PPM)																	
(DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	
210.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.2	.1	.3	
215.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0	.1	.2	.3	
220.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	.3	
225.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.3	
230.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.2	.2	.2	
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.2	.2	
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.2	
245.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.1	.2	
250.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.2	.2	
255.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.4	.3	.1	.2	.0	.2	.2	
260.	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.1	.3	
265.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.1	.1	.3	
270.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.2	
275.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.3	.2	.0	.1	.2	
280.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0	.1	
285.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.3	.2	.0	.0	.1	
290.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	
295.	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.1	
300.	*	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.1	
305.	*	.0	.0	.1	.1	.0	.0	.0	.0	.2	.3	.1	.2	.2	.0	.0	.0	
310.	*	.0	.0	.1	.1	.0	.0	.0	.2	.2	.3	.1	.1	.2	.2	.0	.0	
315.	*	.0	.0	.1	.1	.0	.0	.0	.2	.3	.3	.1	.1	.2	.2	.0	.0	
320.	*	.0	.0	.1	.1	.0	.0	.2	.2	.3	.3	.2	.1	.2	.2	.0	.0	
325.	*	.1	.0	.1	.1	.0	.0	.2	.2	.3	.3	.2	.1	.2	.2	.0	.0	
330.	*	.2	.1	.1	.1	.0	.1	.2	.3	.3	.3	.2	.1	.2	.2	.0	.0	
335.	*	.2	.2	.2	.1	.0	.2	.2	.2	.3	.3	.2	.1	.2	.2	.0	.0	
340.	*	.1	.2	.2	.1	.0	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	
345.	*	.1	.1	.2	.2	.1	.2	.1	.3	.3	.4	.2	.2	.2	.2	.0	.0	
350.	*	.1	.1	.1	.2	.1	.2	.1	.3	.3	.2	.2	.2	.2	.2	.0	.0	
355.	*	.1	.1	.1	.2	.1	.1	.1	.3	.3	.4	.2	.2	.2	.2	.0	.0	
360.	*	.1	.1	.1	.2	.1	.1	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	
MAX	*	.2	.2	.2	.2	.1	.2	.3	.3	.5	.4	.3	.3	.3	.2	.2	.3	
DEGR.	*	330	335	335	0	20	0	0	0	90	255	50	30	25	85	70	200	

THE HIGHEST CONCENTRATION IS .50 PPM AT 90 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 255 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC7.

1

JOB: B230PM I270 AND 80 RAMPS

RUN: B230PM I270 AND 80 RAMPS

PAGE 7

DATE: 12/27/2006 TIME: 11:55:27.34

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK	ANGLE	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
		(DEGREES)	330	335	335	0	0	20	0	0	0	90	255	50	30	25	85	70	200
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 8

Page 4

Site 24 Urbana Community Park

EX URBANA PARK (S24EXA.DAT)		60.0175.0.0000.000020.30480000		S24EXA.DAT		11		1	
ROW	URB PARK S24	210903.	603892.	5.0					
PLAYING	FIELDS S24	210850.	604395.	5.0					
SITE	24 EX URBANA PARK	AM	98	1	1				
1	I-270 NB	AG212123.602857.211994.603067.	1955	3.8	0.44.	60.5			
2	"	AG211994.603067.211815.603289.	1955	3.8	0.44.	60.5			
3	"	AG211815.603289.211559.603515.	1955	3.8	0.44.	60.5			
4	"	AG211559.603515.211253.603705.	1955	3.8	0.44.	60.5			
5	"	AG211253.603705.210964.603808.	1852	3.8	0.44.	60.5			
6	"	AG210964.603808.210632.603909.	1852	3.8	0.44.	60.5			
7	"	AG210632.603909.210521.603943.	2037	3.8	0.44.	60.5			
8	NB OFF TO 80	AG211253.603705.211126.603793.	103	2.6	0.32.	30			
9	"	AG211126.603793.211096.603870.	103	2.6	0.32.	30			
10	"	AG211096.603870.211099.603928.	103	2.6	0.32.	30			
11	"	AG211099.603928.211132.603985.	103	2.6	0.32.	30			
12	"	AG211132.603985.211202.604026.	103	2.6	0.32.	30			
13	"	AG211202.604026.211506.604039.	103	2.6	0.32.	30			
14	"	AG211506.604039.211574.604009.	103	2.6	0.32.	30			
15	"	AG211574.604009.211619.603949.	103	2.6	0.32.	30			
16	NB OFF LEFT	AG211619.603949.211694.603814.	86	2.6	0.44.	30			
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	16	2.6	0.32.	30			
19	"	AG211622.603852.211576.603776.	16	2.6	0.32.	30			
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	21	2.6	0.32.	30			
22	I-270 SB	AG210496.603858.210975.603725.	3226	3.7	0.44.	58.			
23	"	AG210975.603725.211238.603621.	3226	3.7	0.44.	58.			
24	"	AG211238.603621.211517.603438.	3226	3.7	0.44.	58.			
25	"	AG211517.603438.211675.603313.	2868	3.7	0.44.	58.			
26	"	AG211675.603313.211775.603212.	2868	3.7	0.44.	58.			
27	"	AG211775.603212.212061.602812.	3222	3.7	0.44.	58.			
28	270SB OFF TO 80	AG211517.603438.211562.603334.	358	2.6	0.32.	30			
29	"	AG211562.603334.211547.603254.	358	2.6	0.32.	30			
30	"	AG211547.603254.211495.603196.	358	2.6	0.32.	30			
31	"	AG211495.603196.211437.603174.	358	2.6	0.32.	30			
32	"	AG211437.603174.211134.603171.	358	2.6	0.32.	30			
33	"	AG211134.603171.211056.603197.	358	2.6	0.32.	30			
34	"	AG211056.603197.211000.603280.	358	2.6	0.32.	30			
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	57	2.8	0.32.	15			
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	301	2.8	0.32.	15			
38	"	AG211006.603365.211042.603414.	301	2.6	0.32.	30			
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	301	2.6	0.32.	30			
41	WB 80	AG212296.604166.211969.603976.	486	2.6	0.44.	35			
42	"	AG211969.603976.211863.603927.	486	2.6	0.44.	35			
43	RT ON FR 80W	AG211863.603927.211763.603900.	136	2.6	0.32.	35			
44	"	AG211763.603900.211658.603923.	136	2.9	0.32.	17			
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	184	2.6	0.32.	35			
47	I-270 NB ON	AG211599.604013.211532.604055.	184	2.6	0.32.	30			
48	"	AG211532.604055.211438.604062.	184	2.6	0.32.	30			

S24EXA.DAT

49	"	AG211438.604062.211206.604048.	184 2.6	0. 32.	30
50	"	AG211206.604048.211148.604025.	184 2.6	0. 32.	30
51	"	AG211148.604025.211083.603964.	184 2.6	0. 32.	30
52	"	AG211083.603964.211022.603890.	184 2.6	0. 32.	30
53	"	AG211022.603890.210965.603858.	184 2.6	0. 32.	30
54	"	AG210965.603858.210905.603856.	184 2.6	0. 32.	30
55	"	AG210905.603856.210632.603909.	184 2.6	0. 32.	30
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	345 2.6	0. 32.	17
57	"	AG211726.603838.211805.603889.	0. 12.	1	
	50	24 4. 345 28.3 1863 2 3			
58	80WB TO SBOFF	AG211704.603824.211500.603713.	371 2.6	0. 32.	35
59	"	AG211500.603713.210937.603394.	371 2.9	0. 32.	17
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
61	80 WB	AG210937.603394.210562.603186.	371 2.6	0. 32.	35
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	265 2.6	0. 44.	35
63	"	AG210667.603227.210778.603284.	265 2.6	0. 44.	35
64	"	AG210778.603284.210850.603300.	111 2.6	0. 44.	35
65	"	AG210850.603300.210918.603294.	111 2.8	0. 44.	17
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 115.7 1750 3 3			
67	"	AG210918.603294.210980.603262.	111 2.6	0. 44.	35
68	80EB @ SB RP TL	AG210778.603284.210830.603323.	154 2.6	0. 44.	35
69	"	AG210830.603323.210939.603387.	154 2.8	0. 44.	17
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	80EB @ NB RP	AG210939.603387.211180.603518.	430 2.6	0. 44.	35
72	"	AG211180.603518.211557.603727.	430 2.6	0. 44.	35
73	"	AG211557.603727.211989.603968.	430 2.6	0. 44.	35
70	eb left Q	AG210915.603373.210841.603330.	0. 12.	1	
	50	18 4. 44 28.3 1770 2 3			
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	50	24 4. 411 28.3 1846 2 3			
74	80 EB	AG211989.603968.212305.604152.	467 2.6	0. 44.	35
75	80 ON TO 270SB	AG210980.603262.211024.603189.	354 2.6	0. 32.	30
76	"	AG211024.603189.211087.603149.	354 2.6	0. 32.	30
77	"	AG211087.603149.211145.603140.	354 2.6	0. 32.	30
78	"	AG211145.603140.211440.603144.	354 2.6	0. 32.	30
79	"	AG211440.603144.211499.603163.	354 2.6	0. 32.	30
80	"	AG211499.603163.211594.603223.	354 2.6	0. 32.	30
81	"	AG211594.603223.211664.603235.	354 2.6	0. 32.	30
82	"	AG211664.603235.211775.603212.	354 2.6	0. 32.	30
83	I-270 NB	AG210521.603943.209400.604253.	2037 3.8	0. 44.	61
84	"	AG209400.604253.208836.604494.	2037 3.8	0. 44.	61
85	"	AG208836.604494.208166.604895.	2037 3.8	0. 44.	61
86	"	AG208166.604895.207724.605289.	2037 3.8	0. 44.	61
87	I-270 SB	AG207646.605231.208105.604843.	3226 3.7	0. 44.	58
88	"	AG208105.604843.208804.604420.	3226 3.7	0. 44.	58
89	"	AG208804.604420.209380.604177.	3226 3.7	0. 44.	58
90	"	AG209380.604177.210495.603858.	3226 3.7	0. 44.	58
91	I-270 NB	AG207724.605289.207503.605510.	2037 3.8	0. 44.	61
92	"	AG207503.605510.207122.605997.	2037 3.8	0. 44.	61
93	"	AG207122.605997.206735.606587.	2037 3.8	0. 44.	61
94	I-270 SB	AG206638.606543.206943.606090.	3226 3.7	0. 44.	58
95	"	AG206943.606090.207418.605459.	3226 3.7	0. 44.	58
96	"	AG207418.605459.207644.605229.	3226 3.7	0. 44.	58

1.0000041000.000.0Y005000072

JOB: EX URBANA PARK (S24EXA.DAT)
DATE: 12/14/2006 TIME: 13:38:42.50

RUN: SITE 24 EX URBANA PARK AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	1955.	3.8	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	1955.	3.8	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	1955.	3.8	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	1955.	3.8	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	1852.	3.8	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	1852.	3.8	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	2037.	3.8	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	103.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	103.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	103.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	103.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	103.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	103.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	103.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	103.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	86.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211674.1	603851.0	* 8.	331. AG	103.	100.0	.0	24.0	.32	.4
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	16.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	16.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211581.1	603783.2	* 0.	29. AG	52.	100.0	.0	12.0	.01	.0
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	21.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	3226.	3.7	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	3226.	3.7	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	3226.	3.7	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2868.	3.7	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2868.	3.7	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	3222.	3.7	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	358.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	358.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	358.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	358.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	358.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	358.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	358.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	57.	2.8	.0	32.0		
36. 36 NB80RMPLT	* 210952.0	603364.0	210952.2	603363.6	* 0.	151. AG	62.	100.0	.0	12.0	.01	.0
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	301.	2.8	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	301.	2.6	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62.	100.0	.0	12.0	.01	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	301.	2.6	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	486.	2.6	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	486.	2.6	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	136.	2.6	.0	32.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	136.	2.9	.0	32.0		

JOB: EX URBANA PARK (S24EXA.DAT)
DATE: 12/14/2006 TIME: 13:38:42.50

RUN: SITE 24 EX URBANA PARK AM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	184.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	184.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	184.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	184.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	184.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	184.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	184.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	184.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	184.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	184.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	345.	2.6	.0	32.0		
57. 57 "	* 211726.0	603838.0	211840.6	603912.0	* 136.	57. AG	36.	100.0	.0	12.0	1.00	6.9
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	371.	2.6	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	371.	2.9	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	210962.0	603409.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	371.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	265.	2.6	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	265.	2.6	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	111.	2.6	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	111.	2.8	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	17.	100.0	.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	111.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	154.	2.6	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	154.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8.	100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	430.	2.6	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	430.	2.6	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	430.	2.6	.0	44.0		
74. 70 eb left Q	* 210915.0	603373.0	210911.3	603370.9	* 4.	240. AG	27.	100.0	.0	12.0	.11	.2
75. 70 eb thru Q	* 210915.0	603373.0	210891.7	603359.5	* 27.	240. AG	73.	100.0	.0	24.0	.61	1.4
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	467.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	354.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	354.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	354.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	354.	2.6	.0	32.0		

S24EXA.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	354.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	354.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	354.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	354.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2037.	3.8	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2037.	3.8	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2037.	3.8	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2037.	3.8	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	3226.	3.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	3226.	3.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	3226.	3.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	3226.	3.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2037.	3.8	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2037.	3.8	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2037.	3.8	.0	44.0

1

PAGE 3

JOB: EX URBANA PARK (S24EXA.DAT) RUN: SITE 24 EX URBANA PARK AM
DATE: 12/14/2006 TIME: 13:38:42.50

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)			
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	3226.	3.7	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	3226.	3.7	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	3226.	3.7	.0	44.0

1

PAGE 4

JOB: EX URBANA PARK (S24EXA.DAT) RUN: SITE 24 EX URBANA PARK AM
DATE: 12/14/2006 TIME: 13:38:42.50

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	50	34	4.0	86	681	28.30	1 3
20. 20 " Q	*	50	34	4.0	1	750	28.30	1 3
36. 36 " NB80RMLT	*	90	73	2.0	1	750	28.30	1 3
39. 39 " "	*	90	73	2.0	1	750	28.30	1 3
45. 45 " "	*	90	5	2.0	1	750	28.30	1 3
57. 57 " "	*	50	24	4.0	345	863	28.30	1 3
60. 60 " Q	*	90	5	2.0	1	750	28.30	1 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	115.70	3 3
70. 70 " Q	*	90	5	2.0	2	750	28.30	1 3
74. 70 eb left Q	*	50	18	4.0	44	770	28.30	1 3
75. 70 eb thru Q	*	50	24	4.0	411	846	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Z
1. ROW URB PARK S24	*	210903.0 603892.0	5.0 *
2. PLAYING FIELDS S24	*	210850.0 604395.0	5.0 *

1

PAGE 5

JOB: EX URBANA PARK (S24EXA.DAT) RUN: SITE 24 EX URBANA PARK AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.0	.0
105.	*	.0	.0
110.	*	.1	.0
115.	*	.1	.0
120.	*	.1	.0
125.	*	.3	.0
130.	*	.3	.0
135.	*	.3	.0
140.	*	.3	.0
145.	*	.3	.0

S24EXA.OUT

150. * .3 .0
 155. * .3 .0
 160. * .3 .0
 165. * .2 .0
 170. * .2 .0
 175. * .2 .0
 180. * .2 .0
 185. * .2 .0
 190. * .2 .0
 195. * .2 .0
 200. * .2 .0
 205. * .2 .0

1

JOB: EX URBANA PARK (S24EXA.DAT)

RUN: SITE 24 EX URBANA PARK AM

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

-----*-----
 210. * .2 .0
 215. * .2 .0
 220. * .2 .0
 225. * .2 .0
 230. * .2 .0
 235. * .2 .0
 240. * .2 .1
 245. * .3 .1
 250. * .3 .0
 255. * .3 .0
 260. * .3 .0
 265. * .3 .0
 270. * .3 .0
 275. * .3 .0
 280. * .3 .0
 285. * .2 .0
 290. * .1 .0
 295. * .0 .0
 300. * .0 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----

MAX * .3 .1
 DEGR. * 125 240

THE HIGHEST CONCENTRATION IS .30 PPM AT 125 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 240 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX URBANA PARK (S24EXA.DAT)
 DATE: 12/14/2006 TIME: 13:38:42.50

RUN: SITE 24 EX URBANA PARK AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 125 240
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .1 .0
 6 * .0 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .1 .0
 24 * .1 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0

S24EXA.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: EX URBANA PARK (S24EXA.DAT)

RUN: SITE 24 EX URBANA PARK AM

PAGE 8

LINK #	*	CO/LINK (PPM)	
		ANGLE (DEGREES)	
		REC1 125	REC2 240
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.0	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.0	.1
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.0	.0
97	*	.0	.0
98	*	.0	.0

EX URBANA PARK (S24EXP.DAT)		60.0175.0.0000.000020.30480000		S24EXP.DAT		11		1	
ROW	URB PARK S24	210903.	603892.	5.0					
PLAYING	FIELDS S24	210850.	604395.	5.0					
SITE	24 URBANA PARK EX	PM	98	1	1				
1	I-270 NB	AG212123.602857.211994.603067.	3556	3.6	0.	44.	55.5		
2	"	AG211994.603067.211815.603289.	3556	3.6	0.	44.	55.5		
3	"	AG211815.603289.211559.603515.	3556	3.6	0.	44.	55.5		
4	"	AG211559.603515.211253.603705.	3556	3.6	0.	44.	55.5		
5	"	AG211253.603705.210964.603808.	3186	3.6	0.	44.	55.5		
6	"	AG210964.603808.210632.603909.	3186	3.6	0.	44.	55.5		
7	"	AG210632.603909.210521.603943.	3470	3.6	0.	44.	55.5		
8	NB OFF TO 80	AG211253.603705.211126.603793.	370	2.6	0.	32.	30		
9	"	AG211126.603793.211096.603870.	370	2.6	0.	32.	30		
10	"	AG211096.603870.211099.603928.	370	2.6	0.	32.	30		
11	"	AG211099.603928.211132.603985.	370	2.6	0.	32.	30		
12	"	AG211132.603985.211202.604026.	370	2.6	0.	32.	30		
13	"	AG211202.604026.211506.604039.	370	2.6	0.	32.	30		
14	"	AG211506.604039.211574.604009.	370	2.6	0.	32.	30		
15	"	AG211574.604009.211619.603949.	370	2.6	0.	32.	30		
16	NB OFF LEFT	AG211619.603949.211694.603814.	317	2.6	0.	44.	30		
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	53	2.6	0.	32.	30		
19	"	AG211622.603852.211576.603776.	53	2.6	0.	32.	30		
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	58	2.6	0.	32.	30		
22	I-270 SB	AG210496.603858.210975.603725.	2194	3.8	0.	44.	61.		
23	"	AG210975.603725.211238.603621.	2194	3.8	0.	44.	61.		
24	"	AG211238.603621.211517.603438.	2194	3.8	0.	44.	61.		
25	"	AG211517.603438.211675.603313.	1992	3.8	0.	44.	61.		
26	"	AG211675.603313.211775.603212.	1992	3.8	0.	44.	61.		
27	"	AG211775.603212.212061.602812.	2214	3.8	0.	44.	61.		
28	270SB OFF TO 80	AG211517.603438.211562.603334.	202	2.6	0.	32.	30		
29	"	AG211562.603334.211547.603254.	202	2.6	0.	32.	30		
30	"	AG211547.603254.211495.603196.	202	2.6	0.	32.	30		
31	"	AG211495.603196.211437.603174.	202	2.6	0.	32.	30		
32	"	AG211437.603174.211134.603171.	202	2.6	0.	32.	30		
33	"	AG211134.603171.211056.603197.	202	2.6	0.	32.	30		
34	"	AG211056.603197.211000.603280.	202	2.6	0.	32.	30		
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	52	2.8	0.	32.	15		
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	150	2.8	0.	32.	15		
38	"	AG211006.603365.211042.603414.	150	2.6	0.	32.	30		
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	150	2.6	0.	32.	30		
41	WB 80	AG212296.604166.211969.603976.	558	2.6	0.	44.	35		
42	"	AG211969.603976.211863.603927.	558	2.6	0.	44.	35		
43	RT ON FR 80W	AG211863.603927.211763.603900.	145	2.6	0.	32.	35		
44	"	AG211763.603900.211658.603923.	145	2.6	0.	32.	17		
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	259	2.6	0.	32.	35		
47	I-270 NB ON	AG211599.604013.211532.604055.	259	2.6	0.	32.	30		
48	"	AG211532.604055.211438.604062.	259	2.6	0.	32.	30		

					S24EXP.DAT
49	"	AG211438.604062.211206.604048.	259 2.6	0. 32.	30
50	"	AG211206.604048.211148.604025.	259 2.6	0. 32.	30
51	"	AG211148.604025.211083.603964.	259 2.6	0. 32.	30
52	"	AG211083.603964.211022.603890.	259 2.6	0. 32.	30
53	"	AG211022.603890.210965.603858.	259 2.6	0. 32.	30
54	"	AG210965.603858.210905.603856.	259 2.6	0. 32.	30
55	"	AG210905.603856.210632.603909.	259 2.6	0. 32.	30
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	408 2.6	0. 32.	17
57	"	AG211726.603838.211805.603889.	0. 12.	1	
	58	32 4. 408 28.3 1863 2 3			
58	80WB TO SBOFF	AG211704.603824.211500.603713.	466 2.6	0. 32.	35
59	"	AG211500.603713.210937.603394.	491 2.8	0. 32.	17
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
61	80 WB	AG210937.603394.210562.603186.	351 2.6	0. 32.	35
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	184 2.6	0. 44.	35
63	"	AG210667.603227.210778.603284.	184 2.6	0. 44.	35
64	"	AG210778.603284.210850.603300.	30 2.6	0. 44.	35
65	"	AG210850.603300.210918.603294.	30 2.8	0. 44.	17
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 115.7 1750 3 3			
67	"	AG210918.603294.210980.603262.	30 2.6	0. 44.	35
68	80EB @ SB RP TL	AG210778.603284.210830.603323.	299 2.6	0. 44.	35
69	"	AG210830.603323.210939.603387.	299 2.8	0. 44.	17
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	80EB @ NB RP	AG210939.603387.211180.603518.	299 2.6	0. 44.	35
72	"	AG211180.603518.211557.603727.	304 2.6	0. 44.	35
73	"	AG211557.603727.211989.603968.	304 2.6	0. 44.	35
70	eb left Q	AG210915.603373.210841.603330.	0. 12.	1	
	58	23 4. 114 28.3 1770 2 3			
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	58	27 4. 190 28.3 1855 2 3			
74	80 EB	AG211989.603968.212305.604152.	522 2.6	0. 44.	35
75	80 ON TO 270SB	AG210980.603262.211024.603189.	222 2.6	0. 32.	30
76	"	AG211024.603189.211087.603149.	222 2.6	0. 32.	30
77	"	AG211087.603149.211145.603140.	222 2.6	0. 32.	30
78	"	AG211145.603140.211440.603144.	222 2.6	0. 32.	30
79	"	AG211440.603144.211499.603163.	222 2.6	0. 32.	30
80	"	AG211499.603163.211594.603223.	222 2.6	0. 32.	30
81	"	AG211594.603223.211664.603235.	222 2.6	0. 32.	30
82	"	AG211664.603235.211775.603212.	222 2.6	0. 32.	30
83	I-270 NB	AG210521.603943.209400.604253.	3470 3.6	0. 44.	56
84	"	AG209400.604253.208836.604494.	3470 3.6	0. 44.	56
85	"	AG208836.604494.208166.604895.	3470 3.6	0. 44.	56
86	"	AG208166.604895.207724.605289.	3470 3.6	0. 44.	56
87	I-270 SB	AG207646.605231.208105.604843.	2194 3.8	0. 44.	61
88	"	AG208105.604843.208804.604420.	2194 3.8	0. 44.	61
89	"	AG208804.604420.209380.604177.	2194 3.8	0. 44.	61
90	"	AG209380.604177.210495.603858.	2194 3.8	0. 44.	61
91	I-270 NB	AG207724.605289.207503.605510.	3470 3.6	0. 44.	56
92	"	AG207503.605510.207122.605997.	3470 3.6	0. 44.	56
93	"	AG207122.605997.206735.606587.	3470 3.6	0. 44.	56
94	I-270 SB	AG206638.606543.206943.606090.	2194 3.8	0. 44.	61
95	"	AG206943.606090.207418.605459.	2194 3.8	0. 44.	61
96	"	AG207418.605459.207644.605229.	2194 3.8	0. 44.	61

1.0000041000.000.0Y005000072

JOB: EX URBANA PARK (S24EXP.DAT)
DATE: 12/14/2006 TIME: 13:39:43.80

RUN: SITE 24 URBANA PARK EX PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	212123.0	602857.0	211994.0	603067.0	246.	328. AG	3556.	3.6	.0	44.0		
2. 2 "	211994.0	603067.0	211815.0	603289.0	285.	321. AG	3556.	3.6	.0	44.0		
3. 3 "	211815.0	603289.0	211559.0	603515.0	341.	311. AG	3556.	3.6	.0	44.0		
4. 4 "	211559.0	603515.0	211253.0	603705.0	360.	302. AG	3556.	3.6	.0	44.0		
5. 5 "	211253.0	603705.0	210964.0	603808.0	307.	290. AG	3186.	3.6	.0	44.0		
6. 6 "	210964.0	603808.0	210632.0	603909.0	347.	287. AG	3186.	3.6	.0	44.0		
7. 7 "	210632.0	603909.0	210521.0	603943.0	116.	287. AG	3470.	3.6	.0	44.0		
8. 8 NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	155.	305. AG	370.	2.6	.0	32.0		
9. 9 "	211126.0	603793.0	211096.0	603870.0	83.	339. AG	370.	2.6	.0	32.0		
10. 10 "	211096.0	603870.0	211099.0	603928.0	58.	3. AG	370.	2.6	.0	32.0		
11. 11 "	211099.0	603928.0	211132.0	603985.0	66.	30. AG	370.	2.6	.0	32.0		
12. 12 "	211132.0	603985.0	211202.0	604026.0	81.	60. AG	370.	2.6	.0	32.0		
13. 13 "	211202.0	604026.0	211506.0	604039.0	304.	88. AG	370.	2.6	.0	32.0		
14. 14 "	211506.0	604039.0	211574.0	604009.0	74.	114. AG	370.	2.6	.0	32.0		
15. 15 "	211574.0	604009.0	211619.0	603949.0	75.	143. AG	370.	2.6	.0	32.0		
16. 16 NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	154.	151. AG	317.	2.6	.0	44.0		
17. 17 " Q	211678.0	603844.0	211638.9	603913.3	80.	331. AG	99. 100.0	.0	24.0	.96	4.0	
18. 18 NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	97.	178. AG	53.	2.6	.0	32.0		
19. 19 "	211622.0	603852.0	211576.0	603776.0	89.	211. AG	53.	2.6	.0	32.0		
20. 20 " Q	211581.0	603783.0	211581.1	603783.2	0.	30. AG	50. 100.0	.0	12.0	.01	.0	
21. 21 "	211576.0	603776.0	211500.0	603713.0	99.	230. AG	58.	2.6	.0	32.0		
22. 22 I-270 SB	210496.0	603858.0	210975.0	603725.0	497.	106. AG	2194.	3.8	.0	44.0		
23. 23 "	210975.0	603725.0	211238.0	603621.0	283.	112. AG	2194.	3.8	.0	44.0		
24. 24 "	211238.0	603621.0	211517.0	603438.0	334.	123. AG	2194.	3.8	.0	44.0		
25. 25 "	211517.0	603438.0	211675.0	603313.0	201.	128. AG	1992.	3.8	.0	44.0		
26. 26 "	211675.0	603313.0	211775.0	603212.0	142.	135. AG	1992.	3.8	.0	44.0		
27. 27 "	211775.0	603212.0	212061.0	603212.0	492.	144. AG	2214.	3.8	.0	44.0		
28. 28 270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	113.	157. AG	202.	2.6	.0	32.0		
29. 29 "	211562.0	603334.0	211547.0	603254.0	81.	191. AG	202.	2.6	.0	32.0		
30. 30 "	211547.0	603254.0	211495.0	603196.0	78.	222. AG	202.	2.6	.0	32.0		
31. 31 "	211495.0	603196.0	211437.0	603174.0	62.	249. AG	202.	2.6	.0	32.0		
32. 32 "	211437.0	603174.0	211134.0	603171.0	303.	269. AG	202.	2.6	.0	32.0		
33. 33 "	211134.0	603171.0	211056.0	603197.0	82.	288. AG	202.	2.6	.0	32.0		
34. 34 "	211056.0	603197.0	211000.0	603280.0	100.	326. AG	202.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	211000.0	603280.0	210939.0	603387.0	123.	330. AG	52.	2.8	.0	32.0		
36. 36 NB80RMPLT	210952.0	603364.0	210952.2	603363.6	0.	151. AG	62. 100.0	.0	12.0	.01	.0	
37. 37 SB OFFSPLIT T080	211000.0	603280.0	211006.0	603365.0	85.	4. AG	150.	2.8	.0	32.0		
38. 38 "	211006.0	603365.0	211042.0	603414.0	61.	36. AG	150.	2.6	.0	32.0		
39. 39 "	211039.0	603409.0	211038.8	603408.7	0.	218. AG	62. 100.0	.0	12.0	.01	.0	
40. 40 "	211042.0	603414.0	211180.0	603518.0	173.	53. AG	150.	2.6	.0	32.0		
41. 41 WB 80	212296.0	604166.0	211969.0	603976.0	378.	240. AG	558.	2.6	.0	44.0		
42. 42 "	211969.0	603976.0	211863.0	603927.0	117.	245. AG	558.	2.6	.0	44.0		
43. 43 RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	104.	255. AG	145.	2.6	.0	32.0		
44. 44 "	211763.0	603900.0	211658.0	603923.0	107.	282. AG	145.	2.6	.0	32.0		

JOB: EX URBANA PARK (S24EXP.DAT)
DATE: 12/14/2006 TIME: 13:39:43.80

RUN: SITE 24 URBANA PARK EX PM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	211700.0	603914.0	211700.0	603914.0	0.	70. AG	7. 100.0	.0	12.0	.00	.0	
46. 46 80 ON TO NB270	211658.0	603923.0	211599.0	604013.0	108.	327. AG	259.	2.6	.0	32.0		
47. 47 I-270 NB ON	211599.0	604013.0	211532.0	604055.0	79.	302. AG	259.	2.6	.0	32.0		
48. 48 "	211532.0	604055.0	211438.0	604062.0	94.	274. AG	259.	2.6	.0	32.0		
49. 49 "	211438.0	604062.0	211206.0	604048.0	232.	267. AG	259.	2.6	.0	32.0		
50. 50 "	211206.0	604048.0	211148.0	604025.0	62.	248. AG	259.	2.6	.0	32.0		
51. 51 "	211148.0	604025.0	211083.0	603964.0	89.	227. AG	259.	2.6	.0	32.0		
52. 52 "	211083.0	603964.0	211022.0	603890.0	96.	219. AG	259.	2.6	.0	32.0		
53. 53 "	211022.0	603890.0	210965.0	603858.0	65.	241. AG	259.	2.6	.0	32.0		
54. 54 "	210965.0	603858.0	210905.0	603856.0	60.	268. AG	259.	2.6	.0	32.0		
55. 55 "	210905.0	603856.0	210632.0	603909.0	278.	281. AG	259.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	211863.0	603927.0	211704.0	603824.0	189.	237. AG	408.	2.6	.0	32.0		
57. 57 "	211726.0	603838.0	212801.3	604532.3	1280.	57. AG	42. 100.0	.0	12.0	1.37	65.0	
58. 58 80WB TO SB OFF	211704.0	603824.0	211500.0	603713.0	232.	241. AG	466.	2.6	.0	32.0		
59. 59 "	211500.0	603713.0	210937.0	603394.0	647.	240. AG	491.	2.8	.0	32.0		
60. 60 " Q	210962.0	603409.0	210962.0	603409.0	0.	70. AG	4. 100.0	.0	12.0	.00	.0	
61. 61 80 WB	210937.0	603394.0	210562.0	603186.0	429.	241. AG	351.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	210570.0	603172.0	210667.0	603227.0	112.	60. AG	184.	2.6	.0	44.0		
63. 63 "	210667.0	603227.0	210778.0	603284.0	125.	63. AG	184.	2.6	.0	44.0		
64. 64 "	210778.0	603284.0	210850.0	603300.0	74.	77. AG	30.	2.6	.0	44.0		
65. 65 "	210850.0	603300.0	210918.0	603294.0	68.	95. AG	30.	2.6	.0	44.0		
66. 66 80EB @ SB RP RT	210907.0	603295.0	210907.0	603295.0	0.	250. AG	17. 100.0	.0	12.0	.00	.0	
67. 67 "	210918.0	603294.0	210980.0	603262.0	70.	117. AG	30.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	210778.0	603284.0	210830.0	603323.0	65.	53. AG	299.	2.6	.0	44.0		
69. 69 "	210830.0	603323.0	210939.0	603387.0	126.	60. AG	299.	2.8	.0	44.0		
70. 70 " Q	210915.0	603373.0	210915.0	603373.0	0.	250. AG	8. 100.0	.0	24.0	.00	.0	
71. 71 80EB @ NB RP	210939.0	603387.0	211180.0	603518.0	274.	61. AG	299.	2.6	.0	44.0		
72. 72 "	211180.0	603518.0	211557.0	603727.0	431.	61. AG	304.	2.6	.0	44.0		
73. 73 "	211557.0	603727.0	211989.0	603968.0	495.	61. AG	304.	2.6	.0	44.0		
74. 74 eb left Q	210915.0	603373.0	210902.6	603365.8	14.	240. AG	30. 100.0	.0	12.0	.30	.7	
75. 75 eb thru Q	210915.0	603373.0	210902.9	603366.0	14.	240. AG	71. 100.0	.0	24.0	.26	.7	
76. 74 80 EB	211989.0	603968.0	212305.0	604152.0	366.	60. AG	522.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	210980.0	603262.0	211024.0	603189.0	85.	149. AG	222.	2.6	.0	32.0		
78. 76 "	211024.0	603189.0	211087.0	603149.0	75.	122. AG	222.	2.6	.0	32.0		
79. 77 "	211087.0	603149.0	211145.0	603140.0	59.	99. AG	222.	2.6	.0	32.0		
80. 78 "	211145.0	603140.0	211440.0	603144.0	295.	89. AG	222.	2.6	.0	32.0		

S24EXP.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	222.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	222.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	222.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	222.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3470.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3470.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3470.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3470.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2194.	3.8	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2194.	3.8	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2194.	3.8	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2194.	3.8	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3470.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3470.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3470.	3.6	.0	44.0

1

PAGE 3

JOB: EX URBANA PARK (S24EXP.DAT)
DATE: 12/14/2006 TIME: 13:39:43.80

RUN: SITE 24 URBANA PARK EX PM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)			
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2194.	3.8	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2194.	3.8	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2194.	3.8	.0	44.0

1

PAGE 4

JOB: EX URBANA PARK (S24EXP.DAT)
DATE: 12/14/2006 TIME: 13:39:43.80

RUN: SITE 24 URBANA PARK EX PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	58	38	4.0	317	685	28.30	1 3
20. 20 " Q	*	58	38	4.0	1	750	28.30	1 3
36. 36 " NB80RMPLT	*	90	73	2.0	1	750	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	750	28.30	1 3
45. 45 " Q	*	58	5	2.0	1	750	28.30	1 3
57. 57 " Q	*	58	32	4.0	408	863	28.30	1 3
60. 60 " Q	*	90	5	2.0	1	750	28.30	1 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	115.70	3 3
70. 70 " Q	*	90	5	2.0	2	750	28.30	1 3
74. 70 eb left Q	*	58	23	4.0	114	770	28.30	1 3
75. 70 eb thru Q	*	58	27	4.0	190	855	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. ROW URB PARK S24	*	210903.0	603892.0	5.0
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0

1

PAGE 5

JOB: EX URBANA PARK (S24EXP.DAT)

RUN: SITE 24 URBANA PARK EX PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.0	.0
105.	*	.1	.0
110.	*	.2	.0
115.	*	.2	.0
120.	*	.3	.0
125.	*	.4	.0
130.	*	.4	.0
135.	*	.4	.0
140.	*	.4	.0
145.	*	.3	.0

S24EXP.OUT

150. * .4 .0
155. * .4 .0
160. * .3 .0
165. * .3 .0
170. * .3 .0
175. * .3 .0
180. * .3 .0
185. * .3 .0
190. * .3 .0
195. * .3 .0
200. * .3 .0
205. * .3 .0

1

JOB: EX URBANA PARK (S24EXP.DAT)

RUN: SITE 24 URBANA PARK EX PM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

-----*-----
210. * .3 .0
215. * .3 .0
220. * .3 .0
225. * .3 .0
230. * .3 .1
235. * .3 .1
240. * .3 .1
245. * .3 .1
250. * .3 .1
255. * .3 .1
260. * .3 .0
265. * .4 .0
270. * .4 .0
275. * .4 .0
280. * .3 .0
285. * .3 .0
290. * .1 .0
295. * .1 .0
300. * .0 .0
305. * .0 .0
310. * .0 .0
315. * .0 .0
320. * .0 .0
325. * .0 .0
330. * .0 .0
335. * .0 .0
340. * .0 .0
345. * .0 .0
350. * .0 .0
355. * .0 .0
360. * .0 .0
-----*-----

MAX * .4 .1
DEGR. * 125 230

THE HIGHEST CONCENTRATION IS .40 PPM AT 125 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 230 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX URBANA PARK (S24EXP.DAT)
DATE: 12/14/2006 TIME: 13:39:43.80

RUN: SITE 24 URBANA PARK EX PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2
LINK # * 125 230
-----*-----
1 * .0 .0
2 * .0 .0
3 * .0 .0
4 * .1 .0
5 * .2 .0
6 * .0 .0
7 * .0 .0
8 * .0 .0
9 * .0 .0
10 * .0 .0
11 * .0 .0
12 * .0 .0
13 * .0 .0
14 * .0 .0
15 * .0 .0
16 * .0 .0
17 * .0 .0
18 * .0 .0
19 * .0 .0
20 * .0 .0
21 * .0 .0
22 * .0 .0
23 * .1 .0
24 * .0 .0
25 * .0 .0
26 * .0 .0
27 * .0 .0
28 * .0 .0
29 * .0 .0
30 * .0 .0
31 * .0 .0
32 * .0 .0
33 * .0 .0
34 * .0 .0

S24EXP.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: EX URBANA PARK (S24EXP.DAT)

RUN: SITE 24 URBANA PARK EX PM

PAGE 8

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)	
		REC1 REC2			
		125	230		
46	*	.0	.0		
47	*	.0	.0		
48	*	.0	.0		
49	*	.0	.0		
50	*	.0	.0		
51	*	.0	.0		
52	*	.0	.0		
53	*	.0	.0		
54	*	.0	.0		
55	*	.0	.0		
56	*	.0	.0		
57	*	.0	.0		
58	*	.0	.0		
59	*	.0	.0		
60	*	.0	.0		
61	*	.0	.0		
62	*	.0	.0		
63	*	.0	.0		
64	*	.0	.0		
65	*	.0	.0		
66	*	.0	.0		
67	*	.0	.0		
68	*	.0	.0		
69	*	.0	.0		
70	*	.0	.0		
71	*	.0	.0		
72	*	.0	.0		
73	*	.0	.0		
74	*	.0	.0		
75	*	.0	.0		
76	*	.0	.0		
77	*	.0	.0		
78	*	.0	.0		
79	*	.0	.0		
80	*	.0	.0		
81	*	.0	.0		
82	*	.0	.0		
83	*	.0	.0		
84	*	.0	.0		
85	*	.0	.1		
86	*	.0	.0		
87	*	.0	.0		
88	*	.0	.0		
89	*	.0	.0		
90	*	.0	.0		
91	*	.0	.0		
92	*	.0	.0		
93	*	.0	.0		
94	*	.0	.0		
95	*	.0	.0		
96	*	.0	.0		
97	*	.0	.0		
98	*	.0	.0		

NB URBANA PARK (S24NB15A.DAT)				S24NB15A.DAT			
ROW	URB	PARK S24	210903.	603892.	5.0	60.0175.0.0000.000020.30480000	11
PLAYING	FIELDS	S24	210850.	604395.	5.0		
SITE	24	NB URBANA PARK	AM	98	1	1	
1	I-270	NB	AG212123.602857.211994.603067.	1825	4.3	0.44.	58
2	"		AG211994.603067.211815.603289.	1825	4.3	0.44.	58
3	"		AG211815.603289.211559.603515.	1825	4.3	0.44.	58
4	"		AG211559.603515.211253.603705.	1825	4.3	0.44.	58
5	"		AG211253.603705.210964.603808.	1825	4.3	0.44.	58
6	"		AG210964.603808.210632.603909.	1825	4.3	0.44.	58
7	"		AG210632.603909.210521.603943.	1825	4.3	0.44.	58
8	NB OFF TO 80		AG211253.603705.211126.603793.	175	3.0	0.32.	30
9	"		AG211126.603793.211096.603870.	175	3.0	0.32.	30
10	"		AG211096.603870.211099.603928.	175	3.0	0.32.	30
11	"		AG211099.603928.211132.603985.	175	3.0	0.32.	30
12	"		AG211132.603985.211202.604026.	175	3.0	0.32.	30
13	"		AG211202.604026.211506.604039.	175	3.0	0.32.	30
14	"		AG211506.604039.211574.604009.	175	3.0	0.32.	30
15	"		AG211574.604009.211619.603949.	175	3.0	0.32.	30
16	NB OFF LEFT		AG211619.603949.211694.603814.	150	3.0	0.44.	30
17	"	Q	AG211678.603844.211643.603906.	0.	24.	2	
18	NB OFF RIGHT		AG211619.603949.211622.603852.	25	3.0	0.32.	30
19	"		AG211622.603852.211576.603776.	25	3.0	0.32.	30
20	"	Q	AG211581.603783.211619.603846.	0.	12.	1	
21	"		AG211576.603776.211500.603713.	25	3.0	0.32.	30
22	I-270 SB		AG210496.603858.210975.603725.	3475	3.1	0.44.	35
23	"		AG210975.603725.211238.603621.	3475	3.1	0.44.	35
24	"		AG211238.603621.211517.603438.	3475	3.1	0.44.	35
25	"		AG211517.603438.211675.603313.	3475	3.1	0.44.	35
26	"		AG211675.603313.211775.603212.	3475	3.1	0.44.	35
27	"		AG211775.603212.212061.602812.	3475	3.1	0.44.	35
28	270SB OFF TO 80		AG211517.603438.211562.603334.	1200	3.0	0.32.	30
29	"		AG211562.603334.211547.603254.	1200	3.0	0.32.	30
30	"		AG211547.603254.211495.603196.	1200	3.0	0.32.	30
31	"		AG211495.603196.211437.603174.	1200	3.0	0.32.	30
32	"		AG211437.603174.211134.603171.	1200	3.0	0.32.	30
33	"		AG211134.603171.211056.603197.	1200	3.0	0.32.	30
34	"		AG211056.603197.211000.603280.	1200	3.0	0.32.	30
35	SB OFFSPLIT T080		AG211000.603280.210939.603387.	425	3.0	0.32.	30
36	NB80RMLT		AG210952.603364.210991.603296.	0.	12.	1	
37	SB OFFSPLIT T080		AG211000.603280.211006.603365.	1	3.0	0.32.	30
38	"		AG211006.603365.211042.603414.	1	3.0	0.32.	30
39	"		AG211039.603409.211008.603368.	0.	12.	1	
40	"		AG211042.603414.211180.603518.	1	3.0	0.32.	30
41	WB 80		AG212296.604166.211969.603976.	750	3.3	0.44.	40
42	"		AG211969.603976.211863.603927.	750	3.3	0.44.	40
43	RT ON FR 80W		AG211863.603927.211763.603900.	525	3.3	0.44.	40
44	"		AG211763.603900.211658.603923.	525	3.3	0.44.	40
45	"		AG211700.603914.211755.603901.	0.	12.	1	
46	80 ON TO NB270		AG211658.603923.211599.604013.	525	3.3	0.44.	40
47	I-270 NB ON		AG211599.604013.211532.604055.	525	3.0	0.32.	30
48	"		AG211532.604055.211438.604062.	525	3.0	0.32.	30

JOB: NB URBANA PARK (S24NB15A.DAT)
DATE: 01/19/2007 TIME: 23:21:25.38

RUN: SITE 24 NB URBANA PARK AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1 I-270 NB	212123.0	602857.0	211994.0	603067.0	246.	328. AG	1825.	4.3	.0	44.0	
2. 2 "	211994.0	603067.0	211815.0	603289.0	285.	321. AG	1825.	4.3	.0	44.0	
3. 3 "	211815.0	603289.0	211559.0	603515.0	341.	311. AG	1825.	4.3	.0	44.0	
4. 4 "	211559.0	603515.0	211253.0	603705.0	360.	302. AG	1825.	4.3	.0	44.0	
5. 5 "	211253.0	603705.0	210964.0	603808.0	307.	290. AG	1825.	4.3	.0	44.0	
6. 6 "	210964.0	603808.0	210632.0	603909.0	347.	287. AG	1825.	4.3	.0	44.0	
7. 7 "	210632.0	603909.0	210521.0	603943.0	116.	287. AG	1825.	4.3	.0	44.0	
8. 8 NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	155.	305. AG	175.	3.0	.0	32.0	
9. 9 "	211126.0	603793.0	211096.0	603870.0	83.	339. AG	175.	3.0	.0	32.0	
10. 10 "	211096.0	603870.0	211099.0	603928.0	58.	3. AG	175.	3.0	.0	32.0	
11. 11 "	211099.0	603928.0	211132.0	603985.0	66.	30. AG	175.	3.0	.0	32.0	
12. 12 "	211132.0	603985.0	211202.0	604026.0	81.	60. AG	175.	3.0	.0	32.0	
13. 13 "	211202.0	604026.0	211506.0	604039.0	304.	88. AG	175.	3.0	.0	32.0	
14. 14 "	211506.0	604039.0	211574.0	604009.0	74.	114. AG	175.	3.0	.0	32.0	
15. 15 "	211574.0	604009.0	211619.0	603949.0	75.	143. AG	175.	3.0	.0	32.0	
16. 16 NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	154.	151. AG	150.	3.0	.0	44.0	
17. 17 " Q	211678.0	603844.0	211655.4	603884.0	46.	331. AG	154.	100.0	.0	24.0	.48 2.3
18. 18 NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	97.	178. AG	25.	3.0	.0	32.0	
19. 19 "	211622.0	603852.0	211576.0	603776.0	89.	211. AG	25.	3.0	.0	32.0	
20. 20 " Q	211581.0	603783.0	211588.9	603796.1	15.	31. AG	77.	100.0	.0	12.0	.17 .8
21. 21 "	211576.0	603776.0	211500.0	603713.0	99.	230. AG	25.	3.0	.0	32.0	
22. 22 I-270 SB	210496.0	603858.0	210975.0	603725.0	497.	106. AG	3475.	3.1	.0	44.0	
23. 23 "	210975.0	603725.0	211238.0	603621.0	283.	112. AG	3475.	3.1	.0	44.0	
24. 24 "	211238.0	603621.0	211517.0	603438.0	334.	123. AG	3475.	3.1	.0	44.0	
25. 25 "	211517.0	603438.0	211675.0	603313.0	201.	128. AG	3475.	3.1	.0	44.0	
26. 26 "	211675.0	603313.0	211775.0	603212.0	142.	135. AG	3475.	3.1	.0	44.0	
27. 27 "	211775.0	603212.0	212061.0	603212.0	492.	144. AG	3475.	3.1	.0	44.0	
28. 28 270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	113.	157. AG	1200.	3.0	.0	32.0	
29. 29 "	211562.0	603334.0	211547.0	603254.0	81.	191. AG	1200.	3.0	.0	32.0	
30. 30 "	211547.0	603254.0	211495.0	603196.0	78.	222. AG	1200.	3.0	.0	32.0	
31. 31 "	211495.0	603196.0	211437.0	603174.0	62.	249. AG	1200.	3.0	.0	32.0	
32. 32 "	211437.0	603174.0	211134.0	603171.0	303.	269. AG	1200.	3.0	.0	32.0	
33. 33 "	211134.0	603171.0	211056.0	603197.0	82.	288. AG	1200.	3.0	.0	32.0	
34. 34 "	211056.0	603197.0	211000.0	603280.0	100.	326. AG	1200.	3.0	.0	32.0	
35. 35 SB OFFSPLIT T080	211000.0	603280.0	210939.0	603387.0	123.	330. AG	425.	3.0	.0	32.0	
36. 36 NB80RMPLT	210952.0	603364.0	211010.1	603262.9	117.	150. AG	58.	100.0	.0	12.0	.80 5.9
37. 37 SB OFFSPLIT T080	211000.0	603280.0	211006.0	603365.0	85.	4. AG	1.	3.0	.0	32.0	
38. 38 "	211006.0	603365.0	211042.0	603414.0	61.	36. AG	1.	3.0	.0	32.0	
39. 39 "	211039.0	603409.0	211038.8	603408.8	0.	219. AG	58.	100.0	.0	12.0	.00 .0
40. 40 "	211042.0	603414.0	211180.0	603518.0	173.	53. AG	1.	3.0	.0	32.0	
41. 41 WB 80	212296.0	604166.0	211969.0	603976.0	378.	240. AG	750.	3.3	.0	44.0	
42. 42 "	211969.0	603976.0	211863.0	603927.0	117.	245. AG	750.	3.3	.0	44.0	
43. 43 RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	104.	255. AG	525.	3.3	.0	44.0	
44. 44 "	211763.0	603900.0	211658.0	603923.0	107.	282. AG	525.	3.3	.0	44.0	

JOB: NB URBANA PARK (S24NB15A.DAT)
DATE: 01/19/2007 TIME: 23:21:25.38

RUN: SITE 24 NB URBANA PARK AM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
45. 45 "	211700.0	603914.0	211700.1	603913.9	0.	90. AG	29.	100.0	.0	12.0	.00 .0
46. 46 80 ON TO NB270	211658.0	603923.0	211599.0	604013.0	108.	327. AG	525.	3.3	.0	44.0	
47. 47 I-270 NB ON	211599.0	604013.0	211532.0	604055.0	79.	302. AG	525.	3.0	.0	32.0	
48. 48 "	211532.0	604055.0	211438.0	604062.0	94.	274. AG	525.	3.0	.0	32.0	
49. 49 "	211438.0	604062.0	211206.0	604048.0	232.	267. AG	525.	3.0	.0	32.0	
50. 50 "	211206.0	604048.0	211148.0	604025.0	62.	248. AG	525.	3.0	.0	32.0	
51. 51 "	211148.0	604025.0	211083.0	603964.0	89.	227. AG	525.	3.0	.0	32.0	
52. 52 "	211083.0	603964.0	211022.0	603890.0	96.	219. AG	525.	3.0	.0	32.0	
53. 53 "	211022.0	603890.0	210965.0	603858.0	65.	241. AG	525.	3.0	.0	32.0	
54. 54 "	210965.0	603858.0	210905.0	603856.0	60.	268. AG	525.	3.0	.0	32.0	
55. 55 "	210905.0	603856.0	210632.0	603909.0	278.	281. AG	525.	3.0	.0	32.0	
56. 56 80W THRU @NB OFF	211863.0	603927.0	211704.0	603824.0	189.	237. AG	325.	3.0	.0	32.0	
57. 57 "	211726.0	603838.0	211764.8	603863.1	46.	57. AG	18.	100.0	.0	12.0	.23 2.3
58. 58 80WB TO SB OFF	211704.0	603824.0	211500.0	603713.0	232.	241. AG	350.	3.3	.0	44.0	
59. 59 "	211500.0	603713.0	210937.0	603394.0	647.	240. AG	425.	3.3	.0	44.0	
60. 60 " Q	210962.0	603409.0	210964.0	603410.1	2.	61. AG	1.	100.0	.0	12.0	.28 .1
61. 61 80 WB	210937.0	603394.0	210562.0	603186.0	429.	241. AG	475.	3.3	.0	44.0	
62. 62 80EB NEAR SB RP	210570.0	603172.0	210667.0	603227.0	112.	60. AG	450.	3.3	.0	44.0	
63. 63 "	210667.0	603227.0	210778.0	603284.0	125.	63. AG	450.	3.3	.0	44.0	
64. 64 "	210778.0	603284.0	210850.0	603300.0	74.	77. AG	450.	11.5	.0	44.0	
65. 65 "	210850.0	603300.0	210918.0	603294.0	68.	95. AG	450.	3.3	.0	44.0	
66. 66 80EB @ SB RP RT	210907.0	603295.0	210850.6	603299.2	57.	274. AG	29.	100.0	.0	12.0	.39 2.9
67. 67 "	210918.0	603294.0	210980.0	603262.0	70.	117. AG	450.	3.3	.0	44.0	
68. 68 80WB @ SB RP TL	210778.0	603284.0	210830.0	603323.0	65.	53. AG	350.	3.3	.0	44.0	
69. 69 "	210830.0	603323.0	210939.0	603387.0	126.	60. AG	350.	3.3	.0	44.0	
70. 70 " Q	210915.0	603373.0	210896.0	603361.9	22.	240. AG	59.	100.0	.0	24.0	.38 1.1
71. 71 80EB @ NB RP	210939.0	603387.0	211180.0	603518.0	274.	61. AG	1225.	3.3	.0	44.0	
72. 72 "	211180.0	603518.0	211557.0	603727.0	431.	61. AG	1225.	3.3	.0	44.0	
73. 73 "	211557.0	603727.0	211989.0	603968.0	495.	61. AG	1225.	3.3	.0	44.0	
74. 74 eb r Q	210915.0	603373.0	210914.9	603373.0	0.	250. AG	10.	100.0	.0	12.0	.0
75. 75 eb thru Q	210915.0	603373.0	210871.6	603347.8	50.	240. AG	18.	100.0	.0	24.0	.52 2.5
76. 74 80 EB	211989.0	603968.0	212305.0	604152.0	366.	60. AG	1275.	3.3	.0	44.0	
77. 75 80 ON TO 270SB	210980.0	603262.0	211024.0	603189.0	85.	149. AG	400.	3.0	.0	32.0	
78. 76 "	211024.0	603189.0	211087.0	603149.0	75.	122. AG	400.	3.0	.0	32.0	
79. 77 "	211087.0	603149.0	211145.0	603140.0	59.	99. AG	400.	3.0	.0	32.0	
80. 78 "	211145.0	603140.0	211440.0	603144.0	295.	89. AG	400.	3.0	.0	32.0	

S24NB15A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	400.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	400.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	400.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	400.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2175.	4.2	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2175.	4.2	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2175.	4.2	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2175.	4.2	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	4775.	3.1	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	4775.	3.1	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	4775.	3.1	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	4775.	3.1	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2175.	4.2	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2175.	4.2	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2175.	4.2	.0	44.0

1

PAGE 3

JOB: NB URBANA PARK (S24NB15A.DAT)
DATE: 01/19/2007 TIME: 23:21:25.38

RUN: SITE 24 NB URBANA PARK AM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	4775.	3.1	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	4775.	3.1	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	4775.	3.1	.0	44.0

1

PAGE 4

JOB: NB URBANA PARK (S24NB15A.DAT)
DATE: 01/19/2007 TIME: 23:21:25.38

RUN: SITE 24 NB URBANA PARK AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
17. 17 " Q	*	130	112	4.0	150	1681	33.40	2	3
20. 20 " Q	*	130	112	4.0	25	1583	33.40	2	3
36. 36 " NB80RMPLT	*	70	45	2.0	425	1770	33.40	1	3
39. 39 " "	*	70	45	2.0	1	1750	33.40	3	3
45. 45 " "	*	70	23	2.0	1	1750	33.40	1	3
57. 57 " "	*	130	26	4.0	325	1863	33.40	2	3
60. 60 " Q	*	130	1	2.0	425	1583	33.40	3	3
66. 66 80EB @ SB RP RT	*	70	23	2.0	450	1863	33.40	3	3
70. 70 " Q	*	70	23	2.0	350	749	33.40	1	3
74. 70 eb r Q	*	130	15	4.0	1	712	33.40	2	3
75. 70 eb thru Q	*	130	15	4.0	1225	1405	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

PAGE 5

JOB: NB URBANA PARK (S24NB15A.DAT)

RUN: SITE 24 NB URBANA PARK AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.0	.0
105.	*	.0	.0
110.	*	.1	.0
115.	*	.1	.0
120.	*	.1	.0
125.	*	.3	.0
130.	*	.3	.0
135.	*	.3	.0
140.	*	.3	.0
145.	*	.3	.0

S24NB15A.OUT

150. * .3 .0
 155. * .3 .0
 160. * .3 .0
 165. * .2 .0
 170. * .3 .0
 175. * .3 .0
 180. * .3 .0
 185. * .3 .0
 190. * .3 .0
 195. * .3 .0
 200. * .3 .0
 205. * .3 .0

1

JOB: NB URBANA PARK (S24NB15A.DAT)

RUN: SITE 24 NB URBANA PARK AM

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

-----*-----
 210. * .3 .0
 215. * .3 .0
 220. * .3 .0
 225. * .3 .1
 230. * .3 .1
 235. * .3 .1
 240. * .3 .1
 245. * .3 .1
 250. * .3 .1
 255. * .3 .1
 260. * .4 .0
 265. * .4 .0
 270. * .4 .0
 275. * .3 .0
 280. * .3 .0
 285. * .3 .0
 290. * .2 .0
 295. * .0 .0
 300. * .0 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0

-----*-----
 MAX * .4 .1
 DEGR. * 260 225

THE HIGHEST CONCENTRATION IS .40 PPM AT 260 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 225 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB URBANA PARK (S24NB15A.DAT)
 DATE: 01/19/2007 TIME: 23:21:25.38

RUN: SITE 24 NB URBANA PARK AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 260 225
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .2 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .1 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0

S24NB15A.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: NB URBANA PARK (S24NB15A.DAT)

RUN: SITE 24 NB URBANA PARK AM

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	260	225	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.0	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.1	.1
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.0	.0
97	*	.0	.0
98	*	.0	.0

NB URBANA PARK (S24NB15P.DAT)				S24NB15P.DAT			
ROW	URB	PARK S24	210903.	603892.	5.0	60.0175.0.0000.000020.30480000	11
PLAYING	FIELDS	S24	210850.	604395.	5.0		
SITE	24	NB URBANA PARK	PM	98	1	1	
1	I-270	NB	AG212123.602857.211994.603067.	4150	3.1	0.44.	35
2	"		AG211994.603067.211815.603289.	4150	3.1	0.44.	35
3	"		AG211815.603289.211559.603515.	4150	3.1	0.44.	35
4	"		AG211559.603515.211253.603705.	4150	3.1	0.44.	35
5	"		AG211253.603705.210964.603808.	4150	3.1	0.44.	35
6	"		AG210964.603808.210632.603909.	4150	3.1	0.44.	35
7	"		AG210632.603909.210521.603943.	4150	3.1	0.44.	35
8	NB OFF TO 80		AG211253.603705.211126.603793.	300	3.0	0.32.	30
9	"		AG211126.603793.211096.603870.	300	3.0	0.32.	30
10	"		AG211096.603870.211099.603928.	300	3.0	0.32.	30
11	"		AG211099.603928.211132.603985.	300	3.0	0.32.	30
12	"		AG211132.603985.211202.604026.	300	3.0	0.32.	30
13	"		AG211202.604026.211506.604039.	300	3.0	0.32.	30
14	"		AG211506.604039.211574.604009.	300	3.0	0.32.	30
15	"		AG211574.604009.211619.603949.	300	3.0	0.32.	30
16	NB OFF LEFT		AG211619.603949.211694.603814.	225	3.0	0.44.	30
17	"	Q 72	AG211678.603844.211643.603906.	0.	24.	2	
18	NB OFF RIGHT		AG211619.603949.211622.603852.	75	3.0	0.32.	30
19	"		AG211622.603852.211576.603776.	75	3.0	0.32.	30
20	"	Q 72	AG211581.603783.211619.603846.	0.	12.	1	
21	"		AG211576.603776.211500.603713.	75	3.0	0.32.	30
22	I-270 SB		AG210496.603858.210975.603725.	2025	4.3	0.44.	58
23	"		AG210975.603725.211238.603621.	2025	4.3	0.44.	58
24	"		AG211238.603621.211517.603438.	2025	4.3	0.44.	58
25	"		AG211517.603438.211675.603313.	2025	4.3	0.44.	58
26	"		AG211675.603313.211775.603212.	2025	4.3	0.44.	58
27	"		AG211775.603212.212061.602812.	2025	4.3	0.44.	58
28	270SB OFF TO 80		AG211517.603438.211562.603334.	400	3.0	0.32.	30
29	"		AG211562.603334.211547.603254.	400	3.0	0.32.	30
30	"		AG211547.603254.211495.603196.	400	3.0	0.32.	30
31	"		AG211495.603196.211437.603174.	400	3.0	0.32.	30
32	"		AG211437.603174.211134.603171.	400	3.0	0.32.	30
33	"		AG211134.603171.211056.603197.	400	3.0	0.32.	30
34	"		AG211056.603197.211000.603280.	400	3.0	0.32.	30
35	SB OFFSPLIT T080		AG211000.603280.210939.603387.	100	3.0	0.32.	30
36	NB80RMLPT	46	AG210952.603364.210991.603296.	0.	12.	1	
37	SB OFFSPLIT T080		AG211000.603280.211006.603365.	1	3.0	0.32.	30
38	"		AG211006.603365.211042.603414.	1	3.0	0.32.	30
39	"	46	AG211039.603409.211008.603368.	0.	12.	1	
40	"		AG211042.603414.211180.603518.	1	3.0	0.32.	30
41	WB 80		AG212296.604166.211969.603976.	1125	3.3	0.44.	40
42	"		AG211969.603976.211863.603927.	1125	3.3	0.44.	40
43	RT ON FR 80W		AG211863.603927.211763.603900.	700	3.3	0.44.	40
44	"		AG211763.603900.211658.603923.	700	3.3	0.44.	40
45	"	12	AG211700.603914.211755.603901.	0.	12.	1	
46	80 ON TO NB270		AG211658.603923.211599.604013.	700	3.3	0.44.	40
47	I-270 NB ON		AG211599.604013.211532.604055.	700	3.0	0.32.	30
48	"		AG211532.604055.211438.604062.	700	3.0	0.32.	30

					S24NB15P.DAT
49	"	AG211438.604062.211206.604048.	700 3.0	0. 32.	30
50	"	AG211206.604048.211148.604025.	700 3.0	0. 32.	30
51	"	AG211148.604025.211083.603964.	700 3.0	0. 32.	30
52	"	AG211083.603964.211022.603890.	700 3.0	0. 32.	30
53	"	AG211022.603890.210965.603858.	700 3.0	0. 32.	30
54	"	AG210965.603858.210905.603856.	700 3.0	0. 32.	30
55	"	AG210905.603856.210632.603909.	700 3.0	0. 32.	30
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	575 3.0	0. 32.	17
57	"	AG211726.603838.211805.603889.	0. 12.	1	
	90	29 4. 575 33.4 1863 2 3			
58	80WB TO SBOFF	AG211704.603824.211500.603713.	650 3.3	0. 44.	40
59	"	AG211500.603713.210937.603394.	550 3.3	0. 44.	40
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
	90	1 2. 550 33.4 1583 3 3			
61	80 WB	AG210937.603394.210562.603186.	575 3.3	0. 44.	40
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	300 3.3	0. 44.	40
63	"	AG210667.603227.210778.603284.	300 3.3	0. 44.	40
64	"	AG210778.603284.210850.603300.	300 11.5	0. 44.	35
65	"	AG210850.603300.210918.603294.	300 3.3	0. 44.	40
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	60	12 2. 300 33.4 1863 3 3			
67	"	AG210918.603294.210980.603262.	300 3.3	0. 44.	40
68	80WB @ SB RP TL	AG210778.603284.210830.603323.	650 3.3	0. 44.	40
69	"	AG210830.603323.210939.603387.	650 3.3	0. 44.	40
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
	60	12 2. 650 33.4 1517 1 3			
71	80EB @ NB RP	AG210939.603387.211180.603518.	600 3.3	0. 44.	40
72	"	AG211180.603518.211557.603727.	600 3.3	0. 44.	40
73	"	AG211557.603727.211989.603968.	600 3.3	0. 44.	40
70	eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	90	16 4. 1 33.4 712 2 3			
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	16 4. 600 33.4 1211 2 3			
74	80 EB	AG211989.603968.212305.604152.	675 3.3	0. 44.	40
75	80 ON TO 270SB	AG210980.603262.211024.603189.	200 3.0	0. 32.	30
76	"	AG211024.603189.211087.603149.	200 3.0	0. 32.	30
77	"	AG211087.603149.211145.603140.	200 3.0	0. 32.	30
78	"	AG211145.603140.211440.603144.	200 3.0	0. 32.	30
79	"	AG211440.603144.211499.603163.	200 3.0	0. 32.	30
80	"	AG211499.603163.211594.603223.	200 3.0	0. 32.	30
81	"	AG211594.603223.211664.603235.	200 3.0	0. 32.	30
82	"	AG211664.603235.211775.603212.	200 3.0	0. 32.	30
83	I-270 NB	AG210521.603943.209400.604253.	4550 3.1	0. 44.	35
84	"	AG209400.604253.208836.604494.	4550 3.1	0. 44.	35
85	"	AG208836.604494.208166.604895.	4550 3.1	0. 44.	35
86	"	AG208166.604895.207724.605289.	4550 3.1	0. 44.	35
87	I-270 SB	AG207646.605231.208105.604843.	2225 4.3	0. 44.	58
88	"	AG208105.604843.208804.604420.	2225 4.3	0. 44.	58
89	"	AG208804.604420.209380.604177.	2225 4.3	0. 44.	58
90	"	AG209380.604177.210495.603858.	2225 4.3	0. 44.	58
91	I-270 NB	AG207724.605289.207503.605510.	4550 3.1	0. 44.	35
92	"	AG207503.605510.207122.605997.	4550 3.1	0. 44.	35
93	"	AG207122.605997.206735.606587.	4550 3.1	0. 44.	35
94	I-270 SB	AG206638.606543.206943.606090.	2225 4.3	0. 44.	58
95	"	AG206943.606090.207418.605459.	2225 4.3	0. 44.	58
96	"	AG207418.605459.207644.605229.	2225 4.3	0. 44.	58
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: NB URBANA PARK (S24NB15P.DAT)
DATE: 01/19/2007 TIME: 23:28:33.85

RUN: SITE 24 NB URBANA PARK PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	4150.	3.1	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	4150.	3.1	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	4150.	3.1	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	4150.	3.1	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	4150.	3.1	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	4150.	3.1	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	4150.	3.1	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	300.	3.0	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	300.	3.0	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	300.	3.0	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	300.	3.0	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	300.	3.0	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	300.	3.0	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	300.	3.0	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	300.	3.0	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	225.	3.0	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211656.3	603882.4	* 44.	331. AG	143.	100.0	.0	24.0	.50	2.2
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	75.	3.0	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	75.	3.0	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211596.3	603808.3	* 30.	31. AG	72.	100.0	.0	12.0	.36	1.5
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	75.	3.0	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2025.	4.3	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2025.	4.3	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2025.	4.3	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2025.	4.3	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2025.	4.3	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	2025.	4.3	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	400.	3.0	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	400.	3.0	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	400.	3.0	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	400.	3.0	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	400.	3.0	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	400.	3.0	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	400.	3.0	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	100.	3.0	.0	32.0		
36. 36 NB80RMLPT	* 210952.0	603364.0	210964.5	603342.2	* 25.	150. AG	69.	100.0	.0	12.0	.34	1.3
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.0	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	3.0	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	218. AG	69.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	3.0	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1125.	3.3	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1125.	3.3	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	700.	3.3	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	700.	3.3	.0	44.0		

JOB: NB URBANA PARK (S24NB15P.DAT)
DATE: 01/19/2007 TIME: 23:28:33.85

RUN: SITE 24 NB URBANA PARK PM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.1	603914.0	* 0.	78. AG	18.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	700.	3.3	.0	44.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	700.	3.0	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	700.	3.0	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	700.	3.0	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	700.	3.0	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	700.	3.0	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	700.	3.0	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	700.	3.0	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	700.	3.0	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	700.	3.0	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	575.	3.0	.0	32.0		
57. 57 "	* 211726.0	603838.0	211802.6	603887.5	* 91.	57. AG	29.	100.0	.0	12.0	.51	4.6
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	650.	3.3	.0	44.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	550.	3.3	.0	44.0		
60. 60 " Q	* 210962.0	603409.0	210964.6	603410.4	* 3.	61. AG	1.	100.0	.0	12.0	.37	.2
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	575.	3.3	.0	44.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	300.	3.3	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	300.	3.3	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	300.	11.5	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	300.	3.3	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210887.4	603296.4	* 20.	274. AG	18.	100.0	.0	12.0	.22	1.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	300.	3.3	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	650.	3.3	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	650.	3.3	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210896.6	603362.3	* 21.	240. AG	36.	100.0	.0	24.0	.29	1.1
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	600.	3.3	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	600.	3.3	.0	44.0		
73. 73 "	* 211557.0	603727.0	211899.0	603968.0	* 495.	61. AG	600.	3.3	.0	44.0		
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	242. AG	16.	100.0	.0	12.0	.00	.0
75. 70 eb thru Q	* 210915.0	603373.0	210892.3	603359.8	* 26.	240. AG	32.	100.0	.0	24.0	.33	1.3
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	675.	3.3	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	200.	3.0	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	200.	3.0	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	200.	3.0	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	200.	3.0	.0	32.0		

S24NB15P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	200.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	200.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	200.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	200.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	4550.	3.1	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	4550.	3.1	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	4550.	3.1	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	4550.	3.1	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2225.	4.3	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2225.	4.3	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2225.	4.3	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2225.	4.3	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	4550.	3.1	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	4550.	3.1	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	4550.	3.1	.0	44.0

1

JOB: NB URBANA PARK (S24NB15P.DAT)
DATE: 01/19/2007 TIME: 23:28:33.85

RUN: SITE 24 NB URBANA PARK PM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2225.	4.3	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2225.	4.3	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2225.	4.3	.0	44.0

1

JOB: NB URBANA PARK (S24NB15P.DAT)
DATE: 01/19/2007 TIME: 23:28:33.85

RUN: SITE 24 NB URBANA PARK PM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
17. 17 " Q	*	90	72	4.0	225	1681	33.40	2	3
20. 20 " Q	*	90	72	4.0	75	1583	33.40	2	3
36. 36 " NB80RMPLT	*	60	46	2.0	100	1770	33.40	1	3
39. 39 " Q	*	60	46	2.0	1	1750	33.40	3	3
45. 45 " Q	*	60	12	2.0	1	1750	33.40	1	3
57. 57 " Q	*	90	29	4.0	575	1863	33.40	2	3
60. 60 " Q	*	90	1	2.0	550	1583	33.40	3	3
66. 66 80EB @ SB RP RT	*	60	12	2.0	300	1863	33.40	3	3
70. 70 " Q	*	60	12	2.0	650	1517	33.40	1	3
74. 70 eb r Q	*	90	16	4.0	1	712	33.40	2	3
75. 70 eb thru Q	*	90	16	4.0	600	1211	33.40	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: NB URBANA PARK (S24NB15P.DAT)

RUN: SITE 24 NB URBANA PARK PM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.0	.0
105.	*	.1	.0
110.	*	.2	.0
115.	*	.3	.0
120.	*	.3	.0
125.	*	.4	.0
130.	*	.4	.0
135.	*	.4	.0
140.	*	.5	.0
145.	*	.5	.0

S24NB15P.OUT

150. * .4 .0
 155. * .4 .0
 160. * .3 .0
 165. * .3 .0
 170. * .3 .0
 175. * .3 .0
 180. * .3 .0
 185. * .3 .1
 190. * .3 .0
 195. * .3 .0
 200. * .3 .0
 205. * .5 .0

1

JOB: NB URBANA PARK (S24NB15P.DAT)

RUN: SITE 24 NB URBANA PARK PM

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

-----*-----
 210. * .5 .0
 215. * .5 .0
 220. * .5 .0
 225. * .5 .1
 230. * .5 .1
 235. * .5 .1
 240. * .5 .1
 245. * .5 .1
 250. * .5 .1
 255. * .5 .1
 260. * .5 .1
 265. * .7 .0
 270. * .5 .0
 275. * .5 .0
 280. * .3 .0
 285. * .3 .0
 290. * .1 .0
 295. * .1 .0
 300. * .0 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0

-----*-----
 MAX * .7 .1
 DEGR. * 265 185

THE HIGHEST CONCENTRATION IS .70 PPM AT 265 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 185 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB URBANA PARK (S24NB15P.DAT)
 DATE: 01/19/2007 TIME: 23:28:33.85

RUN: SITE 24 NB URBANA PARK PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 265 185
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .3 .1
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .1 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0

S24NB15P.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: NB URBANA PARK (S24NB15P.DAT)

RUN: SITE 24 NB URBANA PARK PM

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	265	185	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.1	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.0	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.1	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.1	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.0	.0
97	*	.0	.0
98	*	.0	.0

16	2		NB	off	RMPAG211619.603949.211694.603814.		175	3.0	0.	44.	30
17		130	NB	off	RMPAG211678.603844.211643.603906.112317533.4168133		0.	24.	2		
18	1		NB	off	RMPAG211619.603949.211622.603852.		25	3.0	0.	32.	30
19	2		NB	off	RamAG211622.603852.211576.603776.		25	3.0	0.	32.	30
20		130	NB	off	RamAG211581.603783.211619.603846.11232533.4158333		0.	12.	1		
20	1		NB	off	RamAG211576.603776.211500.603713.		25	3.0	0.	32.	30
36	1		NB	80	ONRAAG211000.603280.210939.603387.		400	3.0	0.	32.	30
43	1		NB	on	RMP AG211863.603927.211763.603900.		400	3.0	0.	32.	30
43	1		NB	on	RMP AG211763.603900.211658.603923.		400	3.0	0.	32.	30
2			NB	on	RMP AG211700.603914.211755.603901.1301340033.4158333		0.	12.	1		
1			NB	RMP	WT8AG211863.603927.211704.603824.		325	3.0	0.	32.	30
57	2	130	NB	RMP	WT8AG211726.603838.211805.603889.27332533.4186333		0.	12.	1		
1			NB	RMP	E80AG211705.603811.211556.603727.		1225	3.0	0.	44.	61
2		130	NB	RMP	E80AG211687.603801.211593.603748.165.0122533.4140433		0.	24.	2		
dp	1		NB	RMP	E80AG212302.604151.211707.603812.		1300	3.3	0.	44.	40
1			NB	on	RMP AG210486.603978.210661.603955.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG210661.603955.210810.603952.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG210810.603952.211023.603995.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG211023.603995.211207.604048.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG211207.604048.211523.604060.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG211523.604060.211609.604006.		500	3.0	0.	32.	61
0	1		NB	on	RMP AG211609.604006.211660.603921.		500	3.0	0.	32.	61
0	1		NB	RMP	CirAG211376.603670.211303.603731.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211303.603731.211187.603798.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211187.603798.211149.603856.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211149.603856.211147.603933.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211147.603933.211199.604010.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211199.604010.211306.604034.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211306.604034.211515.604036.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211515.604036.211583.604001.		200	3.0	0.	32.	61
0	1		NB	RMP	CirAG211583.604001.211619.603948.		200	3.0	0.	32.	61
41	1		WB	80	AG212296.604166.211969.603976.		725	3.3	0.	44.	40
42	1		WB	80	AG211969.603976.211863.603927.		725	3.3	0.	44.	40
58	1		wb	80	AG211704.603824.211500.603713.		350	3.3	0.	32.	40
64	1		EB	80SB270AG210778.603284.210850.603300.		450	3.3	0.	44.	40	
65	1		EB	80SB270AG210850.603300.210918.603294.		450	3.3	0.	44.	40	
66	1		EB	80SB270AG210918.603294.210980.603262.		450	3.3	0.	44.	40	
71	1		EB	80	AG210939.603387.211180.603518.		450	3.3	0.	44.	40

					S24B115A	
1	SB RMP WL	AG210983.603264.210920.603384.	300	3.3	0. 32.	40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211049.603414.211008.603364.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211008.603364.211004.603287.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211004.603287.211029.603227.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211029.603227.211089.603177.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211089.603177.211193.603166.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211193.603166.211419.603175.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211419.603175.211499.603251.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211499.603251.211511.603344.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211511.603344.211486.603403.	775	3.0	0. 32.	30
0 1	SB RMP Cir	AG211486.603403.211423.603469.	775	3.0	0. 32.	30
0 1	SB On RMP	AG212132.602583.212057.602692.	400	3.0	0. 32.	30
0 1	SB On RMP	AG212057.602692.211962.602817.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211962.602817.211858.602905.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211858.602905.211734.602975.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211734.602975.211590.603019.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211590.603019.211347.603049.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211347.603049.211193.603089.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211193.603089.211084.603156.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211084.603156.211020.603194.	400	3.0	0. 32.	30
0 1	SB On RMP	AG211020.603194.210976.603256.	400	3.0	0. 32.	30
0 1	NB GP	AG210288.604040.210994.603831.	1925	4.4	0. 44.	60
0 1	NB GP	AG210994.603831.211305.603711.	1925	4.4	0. 44.	60
0 1	NB GP	AG211305.603711.211575.603546.	1925	4.4	0. 44.	60
0 1	NB GP	AG211575.603546.211828.603315.	1925	4.4	0. 44.	60
0 1	NB GP	AG211828.603315.211976.603144.	1925	4.4	0. 44.	60
0 1	NB GP	AG211976.603144.212095.602967.	1925	4.4	0. 44.	60
0 1	NB ETL	AG210281.603985.210773.603848.	275	4.5	0. 32.	62
0 1	NB ETL	AG210773.603848.211062.603762.	275	4.5	0. 32.	62
0 1	NB ETL	AG211062.603762.211342.603634.	275	4.5	0. 32.	62
0 1	NB ETL	AG211342.603634.211533.603513.	275	4.5	0. 32.	62
0 1	NB ETL	AG211533.603513.211718.603362.	275	4.5	0. 32.	62
0 1	NB ETL	AG211718.603362.211890.603183.	275	4.5	0. 32.	62
0 1	NB ETL	AG211890.603183.212018.603004.	275	4.5	0. 32.	62
0 1	NB ETL	AG212018.603004.212104.602860.	275	4.5	0. 32.	62
0 1	SB ETL	AG212069.602828.211997.602953.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211997.602953.211855.603148.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211855.603148.211711.603304.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211711.603304.211544.603446.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211544.603446.211308.603599.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211308.603599.211112.603692.	1000	4.5	0. 32.	61
0 1	SB ETL	AG211112.603692.210901.603766.	1000	4.5	0. 32.	61
0 1	SB ETL	AG210901.603766.210314.603929.	1000	4.5	0. 32.	61
0 1	SB GP	AG212064.602739.211923.602984.	4175	4.5	0. 44.	61
0 1	SB GP	AG211923.602984.211730.603225.	4175	4.5	0. 44.	61
0 1	SB GP	AG211730.603225.211584.603358.	4175	4.5	0. 44.	61
0 1	SB GP	AG211584.603358.211349.603520.	4175	4.5	0. 44.	61
0 1	SB GP	AG211349.603520.211054.603666.	4175	4.5	0. 44.	61
0 1	SB GP	AG211054.603666.210639.603797.	4175	4.5	0. 44.	61
0 1	SB GP	AG210639.603797.210231.603904.	4175	4.5	0. 44.	61
1.0	0.4	1000. 0.0Y	5	0	72	

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:08:12.47

RUN: B115AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.8	603890.4	*	53.	331. AG	154.	100.0	.0	24.0	.43 2.7
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	3.0	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	77.	100.0	.0	12.0	.13 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	3.0	.0	32.0	
9. 43	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	3.0	.0	32.0	
10. 43	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.26 .1
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	325.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211766.3	603864.1	*	48.	57. AG	19.	100.0	.0	12.0	.23 2.4
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1225.	3.0	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211640.4	603774.7	*	54.	241. AG	22.	100.0	.0	24.0	.53 2.7
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1300.	3.3	.0	44.0	
16. 0	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	3.0	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	725.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	725.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	350.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.3	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.3	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210911.7	603373.5	*	19.	240. AG	95.	100.0	.0	36.0	.15 1.0
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.3	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210965.3	603413.5	*	19.	60. AG	63.	100.0	.0	24.0	.38 1.0

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:08:12.47

RUN: B115AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	50.	3.3	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	50.	3.3	.0	44.0	
48. 0	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	775.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	775.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	775.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	775.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	775.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	775.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	775.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	775.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	775.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	775.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	775.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	3.0	.0	32.0	
70. 0	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1925.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1925.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1925.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1925.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1925.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1925.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	275.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	275.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	275.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	275.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	275.	4.5	.0	32.0	

S24B115A

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	275.	4.5	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	275.	4.5	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	275.	4.5	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	1000.	4.5	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	1000.	4.5	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	1000.	4.5	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	1000.	4.5	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	1000.	4.5	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	1000.	4.5	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	1000.	4.5	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	1000.	4.5	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	4175.	4.5	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	4175.	4.5	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	4175.	4.5	.0	44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	4175.	4.5	.0	44.0

1

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:08:12.47

RUN: B115AM I270 AND 80 RAMPS

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	4175.	4.5	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	4175.	4.5	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	4175.	4.5	.0	44.0

1

JOB: B115AM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:08:12.47

RUN: B115AM I270 AND 80 RAMPS

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	.3	175	1681	33.40	3	3
5. 20	NB off Ram*	130	112	.3	25	1583	33.40	3	3
10.	NB on RMP *	130	1	.3	400	1583	33.40	3	3
12. 57	NB RMP WT8*	130	27	.3	325	1863	33.40	3	3
14.	NB RMP E80*	130	16	5.0	1225	1404	33.40	3	3
41.	SB RMP E80*	65	23	5.0	450	1863	33.40	3	3
44.	SB RMP WL8*	65	23	5.0	300	739	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.1	.0
105.	*	.2	.0
110.	*	.2	.0
115.	*	.4	.0
120.	*	.5	.0
125.	*	.5	.0
130.	*	.5	.0
135.	*	.5	.0
140.	*	.6	.0
145.	*	.5	.0
150.	*	.6	.0
155.	*	.7	.0
160.	*	.5	.0
165.	*	.5	.0

S24B115A

170. * .4 .1
 175. * .4 .1
 180. * .4 .1
 185. * .4 .1
 190. * .4 .1
 195. * .4 .0
 200. * .4 .0
 205. * .4 .1

1

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2
 -----*-----
 210. * .4 .1
 215. * .4 .1
 220. * .5 .1
 225. * .5 .1
 230. * .6 .0
 235. * .6 .0
 240. * .6 .0
 245. * .6 .0
 250. * .6 .0
 255. * .6 .0
 260. * .7 .0
 265. * .7 .0
 270. * .5 .0
 275. * .5 .0
 280. * .4 .0
 285. * .3 .0
 290. * .2 .0
 295. * .1 .0
 300. * .1 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----
 MAX * .7 .1
 DEGR. * 155 170

THE HIGHEST CONCENTRATION IS .70 PPM AT 155 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 170 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B115AM I270 AND 80 RAMPS
 DATE: 01/19/2007 TIME: 23:08:12.47

RUN: B115AM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 155 170
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .0 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0
 35 * .0 .0
 36 * .0 .0
 37 * .0 .0
 38 * .0 .0

S24B115A

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: B115AM I270 AND 80 RAMPS

RUN: B115AM I270 AND 80 RAMPS

PAGE 8

LINK #	*	CO/LINK (PPM)	
		ANGLE (DEGREES)	
		REC1 155	REC2 170
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.3	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.1	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.1	.0
97	*	.2	.1
98	*	.0	.0

		S24B115P										
B115PM I270 AND 80 RAMPS		60.0175.0.0000.000020.30480000										11
ROW URB PARK S24		210903. 603892. 5.0										
PLAYING FIELDS S24		210850. 604395. 5.0										
B115PM I270 AND 80 RAMPS		98 1 1										
1	16	NB off RMP	AG211619.603949.211694.603814.	225	3.0	0.	44.	30				
2	17	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2						
	90		71 3 225 33.4 1681 3 3									
1	18	NB off RMP	AG211619.603949.211622.603852.	75	3.0	0.	32.	30				
1		NB off Ram	AG211622.603852.211576.603776.	75	3.0	0.	32.	30				
2	20	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1						
	90		71 3 75 33.4 1583 3 3									
1	20	NB off Ram	AG211576.603776.211500.603713.	75	3.0	0.	32.	30				
1	36	NB 80 ONRA	AG211000.603280.210939.603387.	550	3.0	0.	32.	30				
1	43	NB on RMP	AG211863.603927.211763.603900.	550	3.0	0.	32.	30				
1		NB on RMP	AG211763.603900.211658.603923.	550	3.0	0.	32.	30				
2		NB on RMP	AG211700.603914.211755.603901.	0.	12.	1						
	90		1 3 550 33.4 1583 3 3									
1		NB RMP	WT8AG211863.603927.211704.603824.	575	3.3	0.	32.	40				
2	57	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1						
	90		30 3 575 33.4 1863 3 3									
1		NB RMP	E80AG211705.603811.211556.603727.	600	3.3	0.	44.	40				
2		NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2						
	90		16 5.0 600 33.4 1203 3 3									
1	dp	NB RMP	E80AG212302.604151.211707.603812.	650	3.3	0.	44.	40				
1		NB on RMP	AG210486.603978.210661.603955.	725	3.0	0.	32.	61				
1		NB on RMP	AG210661.603955.210810.603952.	725	3.0	0.	32.	61				
1		NB on RMP	AG210810.603952.211023.603995.	725	3.0	0.	32.	61				
1		NB on RMP	AG211023.603995.211207.604048.	725	3.0	0.	32.	61				
1		NB on RMP	AG211207.604048.211523.604060.	725	3.0	0.	32.	61				
1		NB on RMP	AG211523.604060.211609.604006.	725	3.0	0.	32.	61				
1		NB on RMP	AG211609.604006.211660.603921.	725	3.0	0.	32.	61				
1		NB RMP	CirAG211376.603670.211303.603731.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211303.603731.211187.603798.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211187.603798.211149.603856.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211149.603856.211147.603933.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211147.603933.211199.604010.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211199.604010.211306.604034.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211306.604034.211515.604036.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211515.604036.211583.604001.	300	3.0	0.	32.	61				
1		NB RMP	CirAG211583.604001.211619.603948.	300	3.0	0.	32.	61				
1	41	WB 80	AG212296.604166.211969.603976.	1125	3.3	0.	44.	40				
1	42	WB 80	AG211969.603976.211863.603927.	1125	3.3	0.	44.	40				
1	58	wb 80	AG211704.603824.211500.603713.	650	3.3	0.	32.	40				
1	64	EB 80SB270	AG210778.603284.210850.603300.	300	3.3	0.	44.	40				
1	65	EB 80SB270	AG210850.603300.210918.603294.	300	3.3	0.	44.	40				
1	66	EB 80SB270	AG210918.603294.210980.603262.	300	3.3	0.	44.	40				
1	71	EB 80	AG210939.603387.211180.603518.	300	3.3	0.	44.	40				
1	72	EB 80	AG211180.603518.211557.603727.	300	3.3	0.	44.	40				
1		SB RMP	E80AG210940.603389.210778.603295.	300	3.3	0.	44.	40				
2		SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3						
	60		12 5.0 300 33.4 1863 3 3									
1		SB RMP	E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40				
1		SB RMP	WL8AG210939.603399.211080.603480.	175	3.3	0.	44.	40				
2		SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2						
	60		12 5.0 175 33.4 1413 3 3									
1		SB RMP	WT8AG210933.603408.211079.603489.	175	3.3	0.	44.	40				
1		SB RMP	W80AG211083.603489.211492.603717.	575	3.3	0.	44.	40				
1		SB RMP	W80AG210512.603159.210932.603403.	475	3.3	0.	44.	40				
0												
1												

					S24B115P	
1	SB RMP WL	AG210983.603264.210920.603384.	175	3.3	0. 44.	40
0 1	SB RMP CirAG211165.603508.211049.603414.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211049.603414.211008.603364.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211008.603364.211004.603287.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211004.603287.211029.603227.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211029.603227.211089.603177.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211089.603177.211193.603166.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211193.603166.211419.603175.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211419.603175.211499.603251.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211499.603251.211511.603344.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211511.603344.211486.603403.		300	3.0	0. 32.	61
0 1	SB RMP CirAG211486.603403.211423.603469.		300	3.0	0. 32.	61
0 1	SB On RMP AG212132.602583.212057.602692.		350	3.0	0. 32.	61
0 1	SB On RMP AG212057.602692.211962.602817.		350	3.0	0. 32.	61
0 1	SB On RMP AG211962.602817.211858.602905.		350	3.0	0. 32.	61
0 1	SB On RMP AG211858.602905.211734.602975.		350	3.0	0. 32.	61
0 1	SB On RMP AG211734.602975.211590.603019.		350	3.0	0. 32.	61
0 1	SB On RMP AG211590.603019.211347.603049.		350	3.0	0. 32.	61
0 1	SB On RMP AG211347.603049.211193.603089.		350	3.0	0. 32.	61
0 1	SB On RMP AG211193.603089.211084.603156.		350	3.0	0. 32.	61
0 1	SB On RMP AG211084.603156.211020.603194.		350	3.0	0. 32.	61
0 1	SB On RMP AG211020.603194.210976.603256.		350	3.0	0. 32.	61
0 1	NB GP AG210288.604040.210994.603831.		4075	4.4	0. 44.	60
0 1	NB GP AG210994.603831.211305.603711.		4075	4.4	0. 44.	60
0 1	NB GP AG211305.603711.211575.603546.		4075	4.4	0. 44.	60
0 1	NB GP AG211575.603546.211828.603315.		4075	4.4	0. 44.	60
0 1	NB GP AG211828.603315.211976.603144.		4075	4.4	0. 44.	60
0 1	NB GP AG211976.603144.212095.602967.		4075	4.4	0. 44.	60
0 1	NB ETL AG210281.603985.210773.603848.		1150	4.5	0. 32.	62
0 1	NB ETL AG210773.603848.211062.603762.		1150	4.5	0. 32.	62
0 1	NB ETL AG211062.603762.211342.603634.		1150	4.5	0. 32.	62
0 1	NB ETL AG211342.603634.211533.603513.		1150	4.5	0. 32.	62
0 1	NB ETL AG211533.603513.211718.603362.		1150	4.5	0. 32.	62
0 1	NB ETL AG211718.603362.211890.603183.		1150	4.5	0. 32.	62
0 1	NB ETL AG211890.603183.212018.603004.		1150	4.5	0. 32.	62
0 1	NB ETL AG212018.603004.212104.602860.		1150	4.5	0. 32.	62
0 1	SB ETL AG212069.602828.211997.602953.		275	4.5	0. 32.	61
0 1	SB ETL AG211997.602953.211855.603148.		275	4.5	0. 32.	61
0 1	SB ETL AG211855.603148.211711.603304.		275	4.5	0. 32.	61
0 1	SB ETL AG211711.603304.211544.603446.		275	4.5	0. 32.	61
0 1	SB ETL AG211544.603446.211308.603599.		275	4.5	0. 32.	61
0 1	SB ETL AG211308.603599.211112.603692.		275	4.5	0. 32.	61
0 1	SB ETL AG211112.603692.210901.603766.		275	4.5	0. 32.	61
0 1	SB ETL AG210901.603766.210314.603929.		275	4.5	0. 32.	61
0 1	SB GP AG212064.602739.211923.602984.		2225	4.5	0. 44.	61
0 1	SB GP AG211923.602984.211730.603225.		2225	4.5	0. 44.	61
0 1	SB GP AG211730.603225.211584.603358.		2225	4.5	0. 44.	61
0 1	SB GP AG211584.603358.211349.603520.		2225	4.5	0. 44.	61
0 1	SB GP AG211349.603520.211054.603666.		2225	4.5	0. 44.	61
0 1	SB GP AG211054.603666.210639.603797.		2225	4.5	0. 44.	61
0 1	SB GP AG210639.603797.210231.603904.		2225	4.5	0. 44.	61
1.0	0.4 1000. 0.0Y 5 0 72					

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:16:09.94

RUN: B115PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.6	603881.9	*	43.	331. AG	141.	100.0	.0	24.0	.36 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	3.0	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.0	603807.9	*	29.	31. AG	71.	100.0	.0	12.0	.26 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	3.0	.0	32.0	
9.	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	3.0	.0	32.0	
10.	NB on RMP *	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.36 .2
11.	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	3.3	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	30.	100.0	.0	12.0	.48 4.8
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	3.3	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211664.1	603788.1	*	26.	241. AG	32.	100.0	.0	24.0	.34 1.3
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.3	.0	44.0	
16.	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	3.0	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	650.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.3	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.3	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210922.3	603379.7	*	7.	240. AG	54.	100.0	.0	36.0	.08 .3
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.3	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210953.9	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.09 .3

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:16:09.94

RUN: B115PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	175.	3.3	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.3	.0	44.0	
48.	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.3	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	3.0	.0	32.0	
70.	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4075.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4075.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4075.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4075.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4075.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4075.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1150.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1150.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1150.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1150.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1150.	4.5	.0	32.0	

S24B115P

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1150.	4.5	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1150.	4.5	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1150.	4.5	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	275.	4.5	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	275.	4.5	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	275.	4.5	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	275.	4.5	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	275.	4.5	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	275.	4.5	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	275.	4.5	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	275.	4.5	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2225.	4.5	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2225.	4.5	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2225.	4.5	.0	44.0
95.0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304.	AG	2225.	4.5	.0	44.0

1

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:16:09.94

RUN: B115PM I270 AND 80 RAMPS

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2225.	4.5	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2225.	4.5	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2225.	4.5	.0	44.0

1

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:16:09.94

RUN: B115PM I270 AND 80 RAMPS

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	71	.3	225	1681	33.40	3	3
5. 20	NB off Ram*	90	71	.3	75	1583	33.40	3	3
10.	NB on RMP *	90	1	.3	550	1583	33.40	3	3
12. 57	NB RMP WT8*	90	30	.3	575	1863	33.40	3	3
14.	NB RMP E80*	90	16	5.0	600	1203	33.40	3	3
41.	SB RMP E80*	60	12	5.0	300	1863	33.40	3	3
44.	SB RMP WL8*	60	12	5.0	175	1413	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.2	.0
100.	*	.3	.0
105.	*	.5	.0
110.	*	.6	.0
115.	*	.7	.0
120.	*	.8	.0
125.	*	1.0	.0
130.	*	.9	.0
135.	*	1.0	.0
140.	*	.9	.0
145.	*	1.0	.0
150.	*	.8	.1
155.	*	.8	.1
160.	*	.8	.1
165.	*	.7	.0

S24B115P

170. * .7 .1
175. * .7 .1
180. * .7 .1
185. * .7 .1
190. * .7 .1
195. * .7 .1
200. * .7 .1
205. * .7 .1

1

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2
-----*-----
210. * .7 .1
215. * .7 .1
220. * .7 .1
225. * .7 .1
230. * .7 .1
235. * .8 .1
240. * .8 .0
245. * .8 .0
250. * .8 .0
255. * .9 .0
260. * .9 .0
265. * .9 .0
270. * 1.0 .0
275. * 1.0 .0
280. * .8 .0
285. * .5 .0
290. * .4 .0
295. * .3 .0
300. * .2 .0
305. * .1 .0
310. * .0 .0
315. * .0 .0
320. * .0 .0
325. * .0 .0
330. * .0 .0
335. * .0 .0
340. * .0 .0
345. * .0 .0
350. * .0 .0
355. * .0 .0
360. * .0 .0
-----*-----
MAX * 1.0 .1
DEGR. * 145 150

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 145 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 150 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF .

1

JOB: B115PM I270 AND 80 RAMPS
DATE: 01/19/2007 TIME: 23:16:09.94

RUN: B115PM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2
LINK # * 145 150
-----*-----
1 * .0 .0
2 * .0 .0
3 * .0 .0
4 * .0 .0
5 * .0 .0
6 * .0 .0
7 * .0 .0
8 * .0 .0
9 * .0 .0
10 * .0 .0
11 * .0 .0
12 * .0 .0
13 * .0 .0
14 * .0 .0
15 * .0 .0
16 * .0 .0
17 * .0 .0
18 * .0 .0
19 * .0 .0
20 * .0 .0
21 * .0 .0
22 * .0 .0
23 * .0 .0
24 * .0 .0
25 * .0 .0
26 * .0 .0
27 * .0 .0
28 * .0 .0
29 * .0 .0
30 * .0 .0
31 * .0 .0
32 * .0 .0
33 * .0 .0
34 * .0 .0
35 * .0 .0
36 * .0 .0
37 * .0 .0
38 * .0 .0

S24B115P

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: B115PM I270 AND 80 RAMPS

RUN: B115PM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)	
			REC1	REC2
			145	150
46	*	.0	.0	
47	*	.0	.0	
48	*	.0	.0	
49	*	.0	.0	
50	*	.0	.0	
51	*	.0	.0	
52	*	.0	.0	
53	*	.0	.0	
54	*	.0	.0	
55	*	.0	.0	
56	*	.0	.0	
57	*	.0	.0	
58	*	.0	.0	
59	*	.0	.0	
60	*	.0	.0	
61	*	.0	.0	
62	*	.0	.0	
63	*	.0	.0	
64	*	.0	.0	
65	*	.0	.0	
66	*	.0	.0	
67	*	.0	.0	
68	*	.0	.0	
69	*	.0	.0	
70	*	.6	.0	
71	*	.1	.1	
72	*	.0	.0	
73	*	.0	.0	
74	*	.0	.0	
75	*	.0	.0	
76	*	.0	.0	
77	*	.1	.0	
78	*	.0	.0	
79	*	.0	.0	
80	*	.0	.0	
81	*	.0	.0	
82	*	.0	.0	
83	*	.0	.0	
84	*	.0	.0	
85	*	.0	.0	
86	*	.0	.0	
87	*	.0	.0	
88	*	.0	.0	
89	*	.0	.0	
90	*	.0	.0	
91	*	.0	.0	
92	*	.0	.0	
93	*	.0	.0	
94	*	.0	.0	
95	*	.0	.0	
96	*	.1	.0	
97	*	.1	.0	
98	*	.0	.0	

B215AM	I270 AND 80 RAMP S			60.0175	0.0000	0.0000	20.3048	S24B215A ROW URB PARK S24 PLAYING FIELDS S24 B215AM I270 AND 80 RAMP S	11	1
		210903.	603892.		5.0					
		210850.	604395.		5.0					
				98	1	1				
16	NB off	RMPAG211619.	603949.	211694.	603814.		175	2.9	0. 44.	30
17	NB off	RMPAG211678.	603844.	211643.	603906.		0.	24.	2	
		112	5.0	175	32.2	1681	3	3		
18	NB off	RMPAG211619.	603949.	211622.	603852.		25	2.9	0. 32.	30
	NB off	RamAG211622.	603852.	211576.	603776.		25	2.9	0. 32.	30
20	NB off	RamAG211581.	603783.	211619.	603846.		0.	12.	1	
		112	5.0	25	32.2	1583	3	3		
	NB off	RamAG211576.	603776.	211500.	603713.		25	2.9	0. 32.	30
20	NB 80	ONRAAG211000.	603280.	210939.	603387.		400	2.9	0. 32.	30
36	NB on	RMP AG211863.	603927.	211763.	603900.		400	2.9	0. 32.	30
43	NB on	RMP AG211763.	603900.	211658.	603923.		400	2.9	0. 32.	30
	NB on	RMP AG211700.	603914.	211755.	603901.		0.	12.	1	
		130	1	5.0	400	32.2	1583	3	3	
	NB RMP	WT8AG211863.	603927.	211704.	603824.		350	2.9	0. 32.	30
57	NB RMP	WT8AG211726.	603838.	211805.	603889.		0.	12.	1	
		130	27	5.0	350	32.2	1863	3	3	
	NB RMP	E80AG211705.	603811.	211556.	603727.		1250	2.9	0. 44.	61
	NB RMP	E80AG211687.	603801.	211593.	603748.		0.	24.	2	
		150	15	5.0	1250	32.2	1389	3	3	
dp	NB RMP	E80AG212302.	604151.	211707.	603812.		1325	3.2	0. 44.	40
	NB on	RMP AG210486.	603978.	210661.	603955.		500	2.9	0. 32.	61
	NB on	RMP AG210661.	603955.	210810.	603952.		500	2.9	0. 32.	61
0	NB on	RMP AG210810.	603952.	211023.	603995.		500	2.9	0. 32.	61
0	NB on	RMP AG211023.	603995.	211207.	604048.		500	2.9	0. 32.	61
0	NB on	RMP AG211207.	604048.	211523.	604060.		500	2.9	0. 32.	61
0	NB on	RMP AG211523.	604060.	211609.	604006.		500	2.9	0. 32.	61
0	NB on	RMP AG211609.	604006.	211660.	603921.		500	2.9	0. 32.	61
0	NB RMP	CirAG211376.	603670.	211303.	603731.		200	2.9	0. 32.	61
0	NB RMP	CirAG211303.	603731.	211187.	603798.		200	2.9	0. 32.	61
0	NB RMP	CirAG211187.	603798.	211149.	603856.		200	2.9	0. 32.	61
0	NB RMP	CirAG211149.	603856.	211147.	603933.		200	2.9	0. 32.	61
0	NB RMP	CirAG211147.	603933.	211199.	604010.		200	2.9	0. 32.	61
0	NB RMP	CirAG211199.	604010.	211306.	604034.		200	2.9	0. 32.	61
0	NB RMP	CirAG211306.	604034.	211515.	604036.		200	2.9	0. 32.	61
0	NB RMP	CirAG211515.	604036.	211583.	604001.		200	2.9	0. 32.	61
0	NB RMP	CirAG211583.	604001.	211619.	603948.		200	2.9	0. 32.	61
41	WB 80	AG212296.	604166.	211969.	603976.		750	3.2	0. 44.	40
42	WB 80	AG211969.	603976.	211863.	603927.		750	3.2	0. 44.	40
58	wb 80	AG211704.	603824.	211500.	603713.		375	3.2	0. 32.	40
64	EB 80SB2									

					S24B215A	
1	SB RMP WL	AG210983.603264.210920.603384.	300	3.2	0. 32.	40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211049.603414.211008.603364.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211008.603364.211004.603287.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211004.603287.211029.603227.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211029.603227.211089.603177.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211089.603177.211193.603166.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211193.603166.211419.603175.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211419.603175.211499.603251.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211499.603251.211511.603344.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211511.603344.211486.603403.	800	2.9	0. 32.	30
0 1	SB RMP Cir	AG211486.603403.211423.603469.	800	2.9	0. 32.	30
0 1	SB On RMP	AG212132.602583.212057.602692.	400	2.9	0. 32.	30
0 1	SB On RMP	AG212057.602692.211962.602817.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211962.602817.211858.602905.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211858.602905.211734.602975.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211734.602975.211590.603019.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211590.603019.211347.603049.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211347.603049.211193.603089.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211193.603089.211084.603156.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211084.603156.211020.603194.	400	2.9	0. 32.	30
0 1	SB On RMP	AG211020.603194.210976.603256.	400	2.9	0. 32.	30
0 1	NB GP	AG210288.604040.210994.603831.	1825	4.3	0. 44.	61
0 1	NB GP	AG210994.603831.211305.603711.	1825	4.3	0. 44.	61
0 1	NB GP	AG211305.603711.211575.603546.	1825	4.3	0. 44.	61
0 1	NB GP	AG211575.603546.211828.603315.	1825	4.3	0. 44.	61
0 1	NB GP	AG211828.603315.211976.603144.	1825	4.3	0. 44.	61
0 1	NB GP	AG211976.603144.212095.602967.	1825	4.3	0. 44.	61
0 1	NB ETL	AG210281.603985.210773.603848.	550	4.3	0. 32.	61
0 1	NB ETL	AG210773.603848.211062.603762.	550	4.3	0. 32.	61
0 1	NB ETL	AG211062.603762.211342.603634.	550	4.3	0. 32.	61
0 1	NB ETL	AG211342.603634.211533.603513.	550	4.3	0. 32.	61
0 1	NB ETL	AG211533.603513.211718.603362.	550	4.3	0. 32.	61
0 1	NB ETL	AG211718.603362.211890.603183.	550	4.3	0. 32.	61
0 1	NB ETL	AG211890.603183.212018.603004.	550	4.3	0. 32.	61
0 1	NB ETL	AG212018.603004.212104.602860.	550	4.3	0. 32.	61
0 1	SB ETL	AG212069.602828.211997.602953.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211997.602953.211855.603148.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211855.603148.211711.603304.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211711.603304.211544.603446.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211544.603446.211308.603599.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211308.603599.211112.603692.	1775	4.3	0. 32.	61
0 1	SB ETL	AG211112.603692.210901.603766.	1775	4.3	0. 32.	61
0 1	SB ETL	AG210901.603766.210314.603929.	1775	4.3	0. 32.	61
0 1	SB GP	AG212064.602739.211923.602984.	3800	4.3	0. 44.	61
0 1	SB GP	AG211923.602984.211730.603225.	3800	4.3	0. 44.	61
0 1	SB GP	AG211730.603225.211584.603358.	3800	4.3	0. 44.	61
0 1	SB GP	AG211584.603358.211349.603520.	3800	4.3	0. 44.	61
0 1	SB GP	AG211349.603520.211054.603666.	3800	4.3	0. 44.	61
0 1	SB GP	AG211054.603666.210639.603797.	3800	4.3	0. 44.	61
0 1	SB GP	AG210639.603797.210231.603904.	3800	4.3	0. 44.	61
1.0	0.4	1000. 0.0Y	5	0	72	

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:46:03.39

RUN: B215AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 16	NB off RMP*	*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	2.9	.0	44.0		
2. 17	NB off RMP*	*	211678.0	603844.0	211651.1	603891.6	*	55.	331. AG	149.	100.0	.0	24.0	.61	2.8
3. 18	NB off RMP*	*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.9	.0	32.0		
4. 20	NB off Ram*	*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.9	.0	32.0		
5. 20	NB off Ram*	*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	74.	100.0	.0	12.0	.19	.8
6. 20	NB off Ram*	*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.9	.0	32.0		
7. 36	NB 80 ONRA*	*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	2.9	.0	32.0		
8. 43	NB on RMP *	*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	2.9	.0	32.0		
9. 43	NB on RMP *	*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	2.9	.0	32.0		
10. 43	NB on RMP *	*	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.27	.1
11. 57	NB RMP WT8*	*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	350.	2.9	.0	32.0		
12. 57	NB RMP WT8*	*	211726.0	603838.0	211769.4	603866.1	*	52.	57. AG	18.	100.0	.0	12.0	.25	2.6
13. 57	NB RMP E80*	*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1250.	2.9	.0	44.0		
14. 57	NB RMP E80*	*	211687.0	603801.0	211642.4	603775.8	*	51.	241. AG	17.	100.0	.0	24.0	.53	2.6
15. dp	NB RMP E80*	*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1325.	3.2	.0	44.0		
16. 0	NB on RMP *	*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	2.9	.0	32.0		
17. 0	NB on RMP *	*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	2.9	.0	32.0		
18. 0	NB on RMP *	*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	2.9	.0	32.0		
19. 0	NB on RMP *	*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	2.9	.0	32.0		
20. 0	NB on RMP *	*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	2.9	.0	32.0		
21. 0	NB on RMP *	*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	2.9	.0	32.0		
22. 0	NB on RMP *	*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	2.9	.0	32.0		
23. 0	NB RMP Cir*	*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	2.9	.0	32.0		
24. 0	NB RMP Cir*	*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	2.9	.0	32.0		
25. 0	NB RMP Cir*	*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	2.9	.0	32.0		
26. 0	NB RMP Cir*	*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	2.9	.0	32.0		
27. 0	NB RMP Cir*	*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	2.9	.0	32.0		
28. 0	NB RMP Cir*	*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	2.9	.0	32.0		
29. 0	NB RMP Cir*	*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	2.9	.0	32.0		
30. 0	NB RMP Cir*	*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	2.9	.0	32.0		
31. 0	NB RMP Cir*	*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	2.9	.0	32.0		
32. 41	WB 80 *	*	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	750.	3.2	.0	44.0		
33. 42	WB 80 *	*	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	750.	3.2	.0	44.0		
34. 58	WB 80 *	*	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	375.	3.2	.0	32.0		
35. 64	EB 80SB270*	*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.2	.0	44.0		
36. 65	EB 80SB270*	*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.2	.0	44.0		
37. 66	EB 80SB270*	*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.2	.0	44.0		
38. 71	EB 80 *	*	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.2	.0	44.0		
39. 72	EB 80 *	*	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.2	.0	44.0		
40. 0	SB RMP E80*	*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.2	.0	56.0		
41. 0	SB RMP E80*	*	210928.0	603383.0	210474.9	603117.7	*	525.	240. AG	86.	100.0	.0	36.0	1.42	26.7
42. 0	SB RMP E80*	*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1325.	3.2	.0	56.0		
43. 0	SB RMP WL8*	*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.2	.0	44.0		
44. 0	SB RMP WL8*	*	210949.0	603404.0	211724.7	603855.2	*	897.	60. AG	2.	100.0	.0	24.0	2.21	45.6

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:46:03.39

RUN: B215AM I270 AND 80 RAMPS

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
45. 0	SB RMP WT8*	*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	75.	3.2	.0	44.0		
46. 0	SB RMP W80*	*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	3.2	.0	44.0		
47. 0	SB RMP W80*	*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	75.	3.2	.0	44.0		
48. 0	SB RMP WL *	*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.2	.0	32.0		
49. 0	SB RMP Cir*	*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	800.	2.9	.0	32.0		
50. 0	SB RMP Cir*	*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	800.	2.9	.0	32.0		
51. 0	SB RMP Cir*	*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	800.	2.9	.0	32.0		
52. 0	SB RMP Cir*	*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	800.	2.9	.0	32.0		
53. 0	SB RMP Cir*	*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	800.	2.9	.0	32.0		
54. 0	SB RMP Cir*	*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	800.	2.9	.0	32.0		
55. 0	SB RMP Cir*	*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	800.	2.9	.0	32.0		
56. 0	SB RMP Cir*	*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	800.	2.9	.0	32.0		
57. 0	SB RMP Cir*	*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	800.	2.9	.0	32.0		
58. 0	SB RMP Cir*	*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	800.	2.9	.0	32.0		
59. 0	SB RMP Cir*	*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	800.	2.9	.0	32.0		
60. 0	SB On RMP *	*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	2.9	.0	32.0		
61. 0	SB On RMP *	*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	2.9	.0	32.0		
62. 0	SB On RMP *	*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	2.9	.0	32.0		
63. 0	SB On RMP *	*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	2.9	.0	32.0		
64. 0	SB On RMP *	*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	2.9	.0	32.0		
65. 0	SB On RMP *	*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	2.9	.0	32.0		
66. 0	SB On RMP *	*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	2.9	.0	32.0		
67. 0	SB On RMP *	*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	2.9	.0	32.0		
68. 0	SB On RMP *	*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	2.9	.0	32.0		
69. 0	SB On RMP *	*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	2.9	.0	32.0		
70. 0	NB GP *	*	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1825.	4.3	.0	44.0		
71. 0	NB GP *	*	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1825.	4.3	.0	44.0		
72. 0	NB GP *	*	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1825.	4.3	.0	44.0		
73. 0	NB GP *	*	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1825.	4.3	.0	44.0		
74. 0	NB GP *	*	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1825.	4.3	.0	44.0		
75. 0	NB GP *	*	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1825.	4.3	.0	44.0		
76. 0	NB ETL *	*	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	550.	4.3	.0	32.0		
77. 0	NB ETL *	*	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	550.	4.3	.0	32.0		
78. 0	NB ETL *	*	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	550.	4.3	.0	32.0		
79. 0	NB ETL *	*	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	550.	4.3	.0	32.0		
80. 0	NB ETL *	*	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	550.	4.3	.0	32.0		

S24B215A

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	550.	4.3	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	550.	4.3	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	550.	4.3	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	1775.	4.3	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	1775.	4.3	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	1775.	4.3	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	1775.	4.3	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	1775.	4.3	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	1775.	4.3	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	1775.	4.3	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	1775.	4.3	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	3800.	4.3	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	3800.	4.3	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	3800.	4.3	.0	44.0
95.0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304.	AG	3800.	4.3	.0	44.0

1

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:46:03.39

RUN: B215AM I270 AND 80 RAMPS

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	3800.	4.3	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	3800.	4.3	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	3800.	4.3	.0	44.0

1

JOB: B215AM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:46:03.39

RUN: B215AM I270 AND 80 RAMPS

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	5.0	175	1681	32.20	3	3
5. 20	NB off Ram*	130	112	5.0	25	1583	32.20	3	3
10.	NB on RMP *	130	1	5.0	400	1583	32.20	3	3
12. 57	NB RMP WT8*	130	27	5.0	350	1863	32.20	3	3
14.	NB RMP E80*	150	15	5.0	1250	1389	32.20	3	3
41.	SB RMP E80*	75	25	5.0	450	186	32.00	1	3
44.	SB RMP WL8*	75	1	5.0	300	77	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.1	.0
105.	*	.2	.0
110.	*	.2	.0
115.	*	.2	.0
120.	*	.4	.0
125.	*	.4	.0
130.	*	.4	.0
135.	*	.5	.0
140.	*	.6	.0
145.	*	.6	.0
150.	*	.6	.0
155.	*	.5	.0
160.	*	.4	.0
165.	*	.5	.0

S24B215A

170. * .5 .0
 175. * .5 .1
 180. * .4 .1
 185. * .5 .1
 190. * .5 .1
 195. * .5 .0
 200. * .5 .0
 205. * .5 .0

1

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2
 -----*-----
 210. * .5 .1
 215. * .5 .1
 220. * .5 .1
 225. * .5 .0
 230. * .5 .0
 235. * .5 .0
 240. * .5 .0
 245. * .6 .0
 250. * .6 .0
 255. * .6 .0
 260. * .5 .0
 265. * .5 .0
 270. * .5 .0
 275. * .5 .0
 280. * .4 .0
 285. * .2 .0
 290. * .2 .0
 295. * .1 .0
 300. * .1 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----
 MAX * .6 .1
 DEGR. * 140 175

THE HIGHEST CONCENTRATION IS .60 PPM AT 140 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 175 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B215AM I270 AND 80 RAMPS
 DATE: 03/16/2007 TIME: 22:46:03.39

RUN: B215AM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 140 175
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .0 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0
 35 * .0 .0
 36 * .0 .0
 37 * .0 .0
 38 * .0 .0

S24B215A

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: B215AM I270 AND 80 RAMPS

RUN: B215AM I270 AND 80 RAMPS

PAGE 8

LINK #	*	CO/LINK (PPM)	
		ANGLE (DEGREES)	
		REC1 140	REC2 175
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.3	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.1	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.1	.0
97	*	.1	.1
98	*	.0	.0

S24B215P

B215PM I270 AND 80 RAMPS 60.0175.0.0000.000020.30480000 11 1

ROW URB PARK S24 210903. 603892. 5.0

PLAYING FIELDS S24 210850. 604395. 5.0

B215PM I270 AND 80 RAMPS 98 1 1

16	1	NB off RMPAG211619.603949.211694.603814.	225	2.9	0.	44.	30
17	2	NB off RMPAG211678.603844.211643.603906.	0.	24.	2		
	90	72 5.0 225 32.2 1681 3 3					
18	1	NB off RMPAG211619.603949.211622.603852.	75	2.9	0.	32.	30
	1	NB off RamAG211622.603852.211576.603776.	75	2.9	0.	32.	30
20	2	NB off RamAG211581.603783.211619.603846.	0.	12.	1		
	90	72 5.0 75 32.2 1583 3 3					
20	1	NB off RamAG211576.603776.211500.603713.	75	2.9	0.	32.	30
36	1	NB 80 ONRAAG211000.603280.210939.603387.	550	2.9	0.	32.	30
43	1	NB on RMP AG211863.603927.211763.603900.	550	2.9	0.	32.	30
	1	NB on RMP AG211763.603900.211658.603923.	550	2.9	0.	32.	30
	2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1		
	90	1 5.0 550 32.2 1583 3 3					
	1	NB RMP WT8AG211863.603927.211704.603824.	575	2.9	0.	32.	30
57	2	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1		
	90	30 5.0 575 32.2 1863 3 3					
	1	NB RMP E80AG211705.603811.211556.603727.	600	2.9	0.	44.	61
	2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2		
	90	17 5.0 600 32.2 1203 3 3					
dp	1	NB RMP E80AG212302.604151.211707.603812.	650	3.2	0.	44.	40
	1	NB on RMP AG210486.603978.210661.603955.	725	2.9	0.	32.	61
0	1	NB on RMP AG210661.603955.210810.603952.	725	2.9	0.	32.	61
0	1	NB on RMP AG210810.603952.211023.603995.	725	2.9	0.	32.	61
0	1	NB on RMP AG211023.603995.211207.604048.	725	2.9	0.	32.	61
0	1	NB on RMP AG211207.604048.211523.604060.	725	2.9	0.	32.	61
0	1	NB on RMP AG211523.604060.211609.604006.	725	2.9	0.	32.	61
0	1	NB on RMP AG211609.604006.211660.603921.	725	2.9	0.	32.	61
0	1	NB RMP CirAG211376.603670.211303.603731.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211303.603731.211187.603798.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211187.603798.211149.603856.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211149.603856.211147.603933.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211147.603933.211199.604010.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211199.604010.211306.604034.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211306.604034.211515.604036.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211515.604036.211583.604001.	300	2.9	0.	32.	61
0	1	NB RMP CirAG211583.604001.211619.603948.	300	2.9	0.	32.	61
41	1	WB 80 AG212296.604166.211969.603976.	1125	3.2	0.	44.	40
42	1	WB 80 AG211969.603976.211863.603927.	1125	3.2	0.	44.	40
58	1	wb 80 AG211704.603824.211500.603713.	575	3.2	0.	32.	40
64	1	EB 80SB270AG210778.603284.210850.603300.	300	3.2	0.	44.	40
65	1	EB 80SB270AG210850.603300.210918.603294.	300	3.2	0.	44.	40
66	1	EB 80SB270AG210918.603294.210980.603262.	300	3.2	0.	44.	40
71	1	EB 80 AG210939.603387.211180.603518.	300	3.2	0.	44.	40
72	1	EB 80 AG211180.603518.211557.603727.	300	3.2	0.	44.	40
	1	SB RMP E80AG210940.603389.210778.603295.	300	3.2	0.	56.	40
	2	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3		
	60	12 5.0 300 32.2 1863 3 3					
0	1	SB RMP E80AG210772.603286.210466.603118.	650	3.2	0.	56.	40
	1	SB RMP WL8AG210939.603399.211080.603480.	175	3.2	0.	44.	40
	2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2		
	60	1 5.0 175 32.2 1517 3 3					
0	1	SB RMP WT8AG210933.603408.211079.603489.	475	3.2	0.	44.	40
0	1	SB RMP W80AG211083.603489.211492.603717.	575	3.2	0.	44.	40
0	1	SB RMP W80AG210512.603159.210932.603403.	475	3.2	0.	44.	40
0	1						

							S24B215P	
0.1	SB	RMP	WL	AG210983.603264.210920.603384.	175	3.2	0.32.	40
0.1	SB	RMP	Cir	AG211165.603508.211049.603414.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111049.603414.211008.603364.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111008.603364.211004.603287.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111004.603287.211029.603227.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111029.603227.211089.603177.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111089.603177.211193.603166.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111193.603166.211419.603175.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111419.603175.211499.603251.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111499.603251.211511.603344.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111511.603344.211486.603403.	300	2.9	0.32.	30
0.1	SB	RMP	Cir	AG2111486.603403.211423.603469.	300	2.9	0.32.	30
0.1	SB	On RMP		AG212132.602583.212057.602692.	350	2.9	0.32.	30
0.1	SB	On RMP		AG212057.602692.211962.602817.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211962.602817.211858.602905.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211858.602905.211734.602975.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211734.602975.211590.603019.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211590.603019.211347.603049.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211347.603049.211193.603089.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211193.603089.211084.603156.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211084.603156.211020.603194.	350	2.9	0.32.	30
0.1	SB	On RMP		AG211020.603194.210976.603256.	350	2.9	0.32.	30
0.1	NB	GP		AG210288.604040.210994.603831.	3675	4.3	0.44.	61
0.1	NB	GP		AG210994.603831.211305.603711.	3675	4.3	0.44.	61
0.1	NB	GP		AG211305.603711.211575.603546.	3675	4.3	0.44.	61
0.1	NB	GP		AG211575.603546.211828.603315.	3675	4.3	0.44.	61
0.1	NB	GP		AG211828.603315.211976.603144.	3675	4.3	0.44.	61
0.1	NB	GP		AG211976.603144.212095.602967.	3675	4.3	0.44.	61
0.1	NB	ETL		AG210281.603985.210773.603848.	1575	4.3	0.32.	61
0.1	NB	ETL		AG210773.603848.211062.603762.	1575	4.3	0.32.	61
0.1	NB	ETL		AG211062.603762.211342.603634.	1575	4.3	0.32.	61
0.1	NB	ETL		AG211342.603634.211533.603513.	1575	4.3	0.32.	61
0.1	NB	ETL		AG211533.603513.211718.603362.	1575	4.3	0.32.	61
0.1	NB	ETL		AG211718.603362.211890.603183.	1575	4.3	0.32.	61
0.1	NB	ETL		AG211890.603183.212018.603004.	1575	4.3	0.32.	61
0.1	NB	ETL		AG212018.603004.212104.602860.	1575	4.3	0.32.	61
0.1	SB	ETL		AG212069.602828.211997.602953.	550	4.3	0.32.	61
0.1	SB	ETL		AG211997.602953.211855.603148.	550	4.3	0.32.	61
0.1	SB	ETL		AG211855.603148.211711.603304.	550	4.3	0.32.	61
0.1	SB	ETL		AG211711.603304.211544.603446.	550	4.3	0.32.	61
0.1	SB	ETL		AG211544.603446.211308.603599.	550	4.3	0.32.	61
0.1	SB	ETL		AG211308.603599.211112.603692.	550	4.3	0.32.	61
0.1	SB	ETL		AG211112.603692.210901.603766.	550	4.3	0.32.	61
0.1	SB	ETL		AG210901.603766.210314.603929.	550	4.3	0.32.	61
0.1	SB	GP		AG212064.602739.211923.602984.	2025	4.3	0.44.	61
0.1	SB	GP		AG211923.602984.211730.603225.	2025	4.3	0.44.	61
0.1	SB	GP		AG211730.603225.211584.603358.	2025	4.3	0.44.	61
0.1	SB	GP		AG211584.603360.211349.603520.	2025	4.3	0.44.	61
0.1	SB	GP		AG211349.603520.211054.603666.	2025	4.3	0.44.	61
0.1	SB	GP		AG211054.603666.210639.603797.	2025	4.3	0.44.	61
1.0	0.4	1000.0.0Y	5 0 72	SB GP AG210639.603797.210231.603904.	2025	4.3	0.44.	61

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:47:03.15

RUN: B215PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	2.9	.0	44.0		
2. 17	NB off RMP*	211678.0	603844.0	211656.3	603882.4	*	44.	331. AG	138.	100.0	.0	24.0	.55	2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.9	.0	32.0		
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.9	.0	32.0		
5. 20	NB off Ram*	211581.0	603783.0	211596.3	603808.3	*	30.	31. AG	69.	100.0	.0	12.0	.39	1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.9	.0	32.0		
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	2.9	.0	32.0		
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	2.9	.0	32.0		
9. 43	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	2.9	.0	32.0		
10. 43	NB on RMP*	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.38	.2
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	2.9	.0	32.0		
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	29.	100.0	.0	12.0	.52	4.8
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	2.9	.0	44.0		
14. 57	NB RMP E80*	211687.0	603801.0	211662.7	603787.3	*	28.	241. AG	33.	100.0	.0	24.0	.34	1.4
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.2	.0	44.0		
16. 0	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	2.9	.0	32.0		
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	2.9	.0	32.0		
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	2.9	.0	32.0		
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	2.9	.0	32.0		
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	2.9	.0	32.0		
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	2.9	.0	32.0		
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	2.9	.0	32.0		
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	2.9	.0	32.0		
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	2.9	.0	32.0		
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	2.9	.0	32.0		
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	2.9	.0	32.0		
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	2.9	.0	32.0		
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	2.9	.0	32.0		
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	2.9	.0	32.0		
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	2.9	.0	32.0		
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	2.9	.0	32.0		
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.2	.0	44.0		
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.2	.0	44.0		
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	575.	3.2	.0	32.0		
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.2	.0	44.0		
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.2	.0	44.0		
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.2	.0	44.0		
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.2	.0	44.0		
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.2	.0	44.0		
40. 72	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.2	.0	56.0		
41. 72	SB RMP E80*	210928.0	603383.0	210912.7	603374.0	*	18.	240. AG	51.	100.0	.0	36.0	.79	.9
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.2	.0	56.0		
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.2	.0	44.0		
44. 0	SB RMP WL8*	210949.0	603404.0	210953.7	603406.7	*	5.	60. AG	3.	100.0	.0	24.0	.67	.3

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:47:03.15

RUN: B215PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	475.	3.2	.0	44.0		
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.2	.0	44.0		
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.2	.0	44.0		
48. 0	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.2	.0	32.0		
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	2.9	.0	32.0		
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	2.9	.0	32.0		
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	2.9	.0	32.0		
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	2.9	.0	32.0		
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	2.9	.0	32.0		
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	2.9	.0	32.0		
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	2.9	.0	32.0		
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	2.9	.0	32.0		
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	2.9	.0	32.0		
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	2.9	.0	32.0		
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	2.9	.0	32.0		
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.9	.0	32.0		
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.9	.0	32.0		
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.9	.0	32.0		
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.9	.0	32.0		
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.9	.0	32.0		
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.9	.0	32.0		
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.9	.0	32.0		
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.9	.0	32.0		
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.9	.0	32.0		
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.9	.0	32.0		
70. 0	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	3675.	4.3	.0	44.0		
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	3675.	4.3	.0	44.0		
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	3675.	4.3	.0	44.0		
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	3675.	4.3	.0	44.0		
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	3675.	4.3	.0	44.0		
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	3675.	4.3	.0	44.0		
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1575.	4.3	.0	32.0		
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1575.	4.3	.0	32.0		
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1575.	4.3	.0	32.0		
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1575.	4.3	.0	32.0		
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1575.	4.3	.0	32.0		

S24B215P

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1575.	4.3	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1575.	4.3	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1575.	4.3	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	550.	4.3	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	550.	4.3	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	550.	4.3	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	550.	4.3	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	550.	4.3	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	550.	4.3	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	550.	4.3	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	550.	4.3	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2025.	4.3	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2025.	4.3	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2025.	4.3	.0	44.0
95.0	SB GP	* 211584.0	603360.0	211349.0	603520.0	*	284.	304.	AG	2025.	4.3	.0	44.0

1

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:47:03.15

RUN: B215PM I270 AND 80 RAMPS

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2025.	4.3	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2025.	4.3	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2025.	4.3	.0	44.0

1

JOB: B215PM I270 AND 80 RAMPS
DATE: 03/16/2007 TIME: 22:47:03.15

RUN: B215PM I270 AND 80 RAMPS

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	5.0	225	1681	32.20	3	3
5. 20	NB off Ram*	90	72	5.0	75	1583	32.20	3	3
10.	NB on RMP *	90	1	5.0	550	1583	32.20	3	3
12. 57	NB RMP WT8*	90	30	5.0	575	1863	32.20	3	3
14.	NB RMP E80*	90	17	5.0	600	1203	32.20	3	3
41.	SB RMP E80*	60	12	5.0	300	186	32.00	1	3
44.	SB RMP WL8*	60	1	5.0	175	151	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.1	.0
100.	*	.2	.0
105.	*	.3	.0
110.	*	.6	.0
115.	*	.8	.0
120.	*	.9	.0
125.	*	1.0	.0
130.	*	1.0	.0
135.	*	.8	.0
140.	*	.8	.0
145.	*	.8	.0
150.	*	.7	.0
155.	*	.7	.1
160.	*	.7	.0
165.	*	.7	.0

S24B215P

170. * .7 .0
 175. * .6 .1
 180. * .6 .1
 185. * .6 .1
 190. * .7 .1
 195. * .7 .1
 200. * .7 .1
 205. * .6 .1

1

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2
 -----*-----
 210. * .6 .1
 215. * .6 .1
 220. * .6 .1
 225. * .7 .1
 230. * .7 .1
 235. * .7 .0
 240. * .7 .0
 245. * .7 .0
 250. * .9 .0
 255. * .8 .0
 260. * .8 .0
 265. * .9 .0
 270. * .9 .0
 275. * .8 .0
 280. * .7 .0
 285. * .6 .0
 290. * .4 .0
 295. * .2 .0
 300. * .1 .0
 305. * .1 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----
 MAX * 1.0 .1
 DEGR. * 125 155

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 125 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 155 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B215PM I270 AND 80 RAMPS
 DATE: 03/16/2007 TIME: 22:47:03.15

RUN: B215PM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 125 155
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .0 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0
 35 * .0 .0
 36 * .0 .0
 37 * .0 .0
 38 * .0 .0

S24B215P

39 * .0 .0
40 * .0 .0
41 * .0 .0
42 * .0 .0
43 * .0 .0
44 * .0 .0
45 * .0 .0

1

JOB: B215PM I270 AND 80 RAMPS

RUN: B215PM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)	
	ANGLE (DEGREES)	
	REC1 125	REC2 155
46	* .0	.0
47	* .0	.0
48	* .0	.0
49	* .0	.0
50	* .0	.0
51	* .0	.0
52	* .0	.0
53	* .0	.0
54	* .0	.0
55	* .0	.0
56	* .0	.0
57	* .0	.0
58	* .0	.0
59	* .0	.0
60	* .0	.0
61	* .0	.0
62	* .0	.0
63	* .0	.0
64	* .0	.0
65	* .0	.0
66	* .0	.0
67	* .0	.0
68	* .0	.0
69	* .0	.0
70	* .4	.0
71	* .3	.1
72	* .1	.0
73	* .0	.0
74	* .0	.0
75	* .0	.0
76	* .0	.0
77	* .1	.0
78	* .1	.0
79	* .0	.0
80	* .0	.0
81	* .0	.0
82	* .0	.0
83	* .0	.0
84	* .0	.0
85	* .0	.0
86	* .0	.0
87	* .0	.0
88	* .0	.0
89	* .0	.0
90	* .0	.0
91	* .0	.0
92	* .0	.0
93	* .0	.0
94	* .0	.0
95	* .0	.0
96	* .0	.0
97	* .0	.0
98	* .0	.0

NB URBANA PARK (S24NB30A.DAT)				S24NB30A.DAT			
ROW	URB	PARK S24	210903.	603892.	5.0	60.0175.0.0000.000020.30480000	11
PLAYING FIELDS S24				210850.	604395.	5.0	
SITE 24 NB URBANA PARK				AM	98	1	1
1	I-270	NB	AG212123.602857.211994.603067.	2600	3.7	0.44.	58
2	"		AG211994.603067.211815.603289.	2600	3.7	0.44.	58
3	"		AG211815.603289.211559.603515.	2600	3.7	0.44.	58
4	"		AG211559.603515.211253.603705.	2600	3.7	0.44.	58
5	"		AG211253.603705.210964.603808.	2600	3.7	0.44.	58
6	"		AG210964.603808.210632.603909.	2600	3.7	0.44.	58
7	"		AG210632.603909.210521.603943.	2600	3.7	0.44.	58
8	NB OFF TO 80		AG211253.603705.211126.603793.	225	2.6	0.32.	30
9	"		AG211126.603793.211096.603870.	225	2.6	0.32.	30
10	"		AG211096.603870.211099.603928.	225	2.6	0.32.	30
11	"		AG211099.603928.211132.603985.	225	2.6	0.32.	30
12	"		AG211132.603985.211202.604026.	225	2.6	0.32.	30
13	"		AG211202.604026.211506.604039.	225	2.6	0.32.	30
14	"		AG211506.604039.211574.604009.	225	2.6	0.32.	30
15	"		AG211574.604009.211619.603949.	225	2.6	0.32.	30
16	NB OFF LEFT		AG211619.603949.211694.603814.	200	2.6	0.44.	30
17	"	Q	AG211678.603844.211643.603906.	0.	24.	2	
18	NB OFF RIGHT		AG211619.603949.211622.603852.	25	2.6	0.32.	30
19	"		AG211622.603852.211576.603776.	25	2.6	0.32.	30
20	"	Q	AG211581.603783.211619.603846.	0.	12.	1	
21	"		AG211576.603776.211500.603713.	25	2.6	0.32.	30
22	I-270 SB		AG210496.603858.210975.603725.	5625	2.8	0.44.	40
23	"		AG210975.603725.211238.603621.	5625	2.8	0.44.	40
24	"		AG211238.603621.211517.603438.	5625	2.8	0.44.	40
25	"		AG211517.603438.211675.603313.	5625	2.8	0.44.	40
26	"		AG211675.603313.211775.603212.	5625	2.8	0.44.	40
27	"		AG211775.603212.212061.602812.	5625	2.8	0.44.	40
28	270SB OFF TO 80		AG211517.603438.211562.603334.	2025	2.6	0.32.	30
29	"		AG211562.603334.211547.603254.	2025	2.6	0.32.	30
30	"		AG211547.603254.211495.603196.	2025	2.6	0.32.	30
31	"		AG211495.603196.211437.603174.	2025	2.6	0.32.	30
32	"		AG211437.603174.211134.603171.	2025	2.6	0.32.	30
33	"		AG211134.603171.211056.603197.	2025	2.6	0.32.	30
34	"		AG211056.603197.211000.603280.	2025	2.6	0.32.	30
35	SB OFFSPLIT T080		AG211000.603280.210939.603387.	675	3.3	0.32.	15
36	NB80RMLT		AG210952.603364.210991.603296.	0.	12.	1	
37	SB OFFSPLIT T080		AG211000.603280.211006.603365.	1	3.3	0.32.	15
38	"		AG211006.603365.211042.603414.	1	2.6	0.32.	30
39	"		AG211039.603409.211008.603368.	0.	12.	1	
40	"		AG211042.603414.211180.603518.	1	2.6	0.32.	30
41	WB 80		AG212296.604166.211969.603976.	1200	2.8	0.44.	40
42	"		AG211969.603976.211863.603927.	1200	2.8	0.44.	40
43	RT ON FR 80W		AG211863.603927.211763.603900.	750	2.8	0.44.	40
44	"		AG211763.603900.211658.603923.	750	2.8	0.44.	40
45	"		AG211700.603914.211755.603901.	0.	12.	1	
46	80 ON TO NB270		AG211658.603923.211599.604013.	900	2.6	0.32.	30
47	I-270 NB ON		AG211599.604013.211532.604055.	900	2.6	0.32.	30
48	"		AG211532.604055.211438.604062.	900	2.6	0.32.	30

S24NB30A.DAT

49	"	AG211438.604062.211206.604048.	900 2.6	0. 32.	30
50	"	AG211206.604048.211148.604025.	900 2.6	0. 32.	30
51	"	AG211148.604025.211083.603964.	900 2.6	0. 32.	30
52	"	AG211083.603964.211022.603890.	900 2.6	0. 32.	30
53	"	AG211022.603890.210965.603858.	900 2.6	0. 32.	30
54	"	AG210965.603858.210905.603856.	900 2.6	0. 32.	30
55	"	AG210905.603856.210632.603909.	900 2.6	0. 32.	30
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	450 2.8	0. 32.	40
57	"	AG211726.603838.211805.603889.	0. 12.	1	
	150	30 4. 450 28.3 1863 2 3			
58	80WB TO SBOFF	AG211704.603824.211500.603713.	450 2.8	0. 32.	40
59	"	AG211500.603713.210937.603394.	475 2.8	0. 32.	40
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
	150	46 2. 475 28.3 494 3 3			
61	80 WB	AG210937.603394.210562.603186.	750 2.8	0. 32.	40
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	675 2.8	0. 44.	40
63	"	AG210667.603227.210778.603284.	675 2.8	0. 44.	40
64	"	AG210778.603284.210850.603300.	2 2.8	0. 44.	40
65	"	AG210850.603300.210918.603294.	2 2.8	0. 44.	40
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
67	"	AG210918.603294.210980.603262.	2 2.8	0. 44.	40
68	80WB @ SB RP TL	AG210778.603284.210830.603323.	400 2.8	0. 44.	40
69	"	AG210830.603323.210939.603387.	400 2.8	0. 44.	40
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	80EB @ NB RP	AG210939.603387.211180.603518.	800 2.8	0. 44.	40
72	"	AG211180.603518.211557.603727.	800 2.8	0. 44.	40
73	"	AG211557.603727.211989.603968.	800 2.8	0. 44.	40
70	eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	150	19 4. 1 28.3 712 2 3			
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	150	46 4. 800 28.3 1863 2 3			
74	80 EB	AG211989.603968.212305.604152.	2075 2.8	0. 44.	40
75	80 ON TO 270SB	AG210980.603262.211024.603189.	525 2.6	0. 32.	30
76	"	AG211024.603189.211087.603149.	525 2.6	0. 32.	30
77	"	AG211087.603149.211145.603140.	525 2.6	0. 32.	30
78	"	AG211145.603140.211440.603144.	525 2.6	0. 32.	30
79	"	AG211440.603144.211499.603163.	525 2.6	0. 32.	30
80	"	AG211499.603163.211594.603223.	525 2.6	0. 32.	30
81	"	AG211594.603223.211664.603235.	525 2.6	0. 32.	30
82	"	AG211664.603235.211775.603212.	525 2.6	0. 32.	30
83	I-270 NB	AG210521.603943.209400.604253.	3275 3.6	0. 44.	56
84	"	AG209400.604253.208836.604494.	3275 3.6	0. 44.	56
85	"	AG208836.604494.208166.604895.	3275 3.6	0. 44.	56
86	"	AG208166.604895.207724.605289.	3275 3.6	0. 44.	56
87	I-270 SB	AG207646.605231.208105.604843.	2500 2.6	0. 44.	30
88	"	AG208105.604843.208804.604420.	2500 2.6	0. 44.	30
89	"	AG208804.604420.209380.604177.	2500 2.6	0. 44.	30
90	"	AG209380.604177.210495.603858.	2500 2.6	0. 44.	30
91	I-270 NB	AG207724.605289.207503.605510.	3275 3.6	0. 44.	56
92	"	AG207503.605510.207122.605997.	3275 3.6	0. 44.	56
93	"	AG207122.605997.206735.606587.	3275 3.6	0. 44.	56
94	I-270 SB	AG206638.606543.206943.606090.	2500 2.6	0. 44.	30
95	"	AG206943.606090.207418.605459.	2500 2.6	0. 44.	30
96	"	AG207418.605459.207644.605229.	2500 2.6	0. 44.	30
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: NB URBANA PARK (S24NB30A.DAT)
DATE: 12/20/2006 TIME: 10:33:44.75

RUN: SITE 24 NB URBANA PARK AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	2600.	3.7	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	2600.	3.7	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	2600.	3.7	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	2600.	3.7	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	2600.	3.7	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	2600.	3.7	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	2600.	3.7	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	225.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	225.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	225.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	225.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	225.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	225.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	225.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	225.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	200.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211643.1	603905.9	* 71.	331. AG	132.	100.0	.0	24.0	.64	3.6
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	25.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	25.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211590.2	603798.2	* 18.	31. AG	66.	100.0	.0	12.0	.17	.9
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	25.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	5625.	2.8	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	5625.	2.8	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	5625.	2.8	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	5625.	2.8	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	5625.	2.8	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	5625.	2.8	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	2025.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	2025.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	2025.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	2025.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	2025.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	2025.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	2025.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	675.	3.3	.0	32.0		
36. 36 NB80RMP LT	* 210952.0	603364.0	213245.9	599365.7	* 4610.	150. AG	62.	100.0	.0	12.0	2.65	234.2
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1. 3.3		.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1. 2.6		.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1. 2.6		.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1200.	2.8	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1200.	2.8	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	750.	2.8	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	750.	2.8	.0	44.0		

JOB: NB URBANA PARK (S24NB30A.DAT)
DATE: 12/20/2006 TIME: 10:33:44.75

RUN: SITE 24 NB URBANA PARK AM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4. 100.0		.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	900.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	900.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	900.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	900.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	900.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	900.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	900.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	900.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	900.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	900.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	450.	2.8	.0	32.0		
57. 57 "	* 211726.0	603838.0	211788.0	603878.1	* 74.	57. AG	15.	100.0	.0	12.0	.32	3.8
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	450.	2.8	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	475.	2.8	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	212434.5	604227.3	* 1685.	61. AG	23.	100.0	.0	12.0	1.44	85.6
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	750.	2.8	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	675.	2.8	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	675.	2.8	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	2. 2.8		.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	2. 2.8		.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	4. 100.0		.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	2. 2.8		.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	400.	2.8	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	400.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8. 100.0		.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	800.	2.8	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	800.	2.8	.0	44.0		
73. 73 "	* 211557.0	603727.0	211899.0	603968.0	* 495.	61. AG	800.	2.8	.0	44.0		
74. 74 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	240. AG	10. 100.0		.0	12.0	.00	.0
75. 75 eb thru Q	* 210915.0	603373.0	210828.0	603322.5	* 101.	240. AG	47. 100.0		.0	24.0	.33	5.1
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	2075.	2.8	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	525.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	525.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	525.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	525.	2.6	.0	32.0		

S24NB30A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	525.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	525.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	525.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	525.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3275.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3275.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3275.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3275.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2500.	2.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2500.	2.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2500.	2.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2500.	2.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3275.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3275.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3275.	3.6	.0	44.0

1

PAGE 3

JOB: NB URBANA PARK (S24NB30A.DAT) RUN: SITE 24 NB URBANA PARK AM
DATE: 12/20/2006 TIME: 10:33:44.75

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)			
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2500.	2.6	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2500.	2.6	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2500.	2.6	.0	44.0

1

PAGE 4

JOB: NB URBANA PARK (S24NB30A.DAT) RUN: SITE 24 NB URBANA PARK AM
DATE: 12/20/2006 TIME: 10:33:44.75

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	150	130	4.0	200	1681	28.30	2 3
20. 20 " Q	*	150	130	4.0	25	1583	28.30	2 3
36. 36 " NB80RMLT	*	90	73	2.0	675	1770	28.30	1 3
39. 39 " "	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " "	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " "	*	150	30	4.0	450	1863	28.30	2 3
60. 60 " Q	*	150	46	2.0	475	494	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	150	46	4.0	800	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. ROW URB PARK S24	*	210903.0	603892.0	5.0
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0

1

PAGE 5

JOB: NB URBANA PARK (S24NB30A.DAT) RUN: SITE 24 NB URBANA PARK AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.0	.0
105.	*	.1	.0
110.	*	.1	.0
115.	*	.1	.0
120.	*	.5	.0
125.	*	.4	.0
130.	*	.5	.0
135.	*	.7	.0
140.	*	.5	.0
145.	*	.5	.0

S24NB30A.OUT

150. * .5 .0
 155. * .6 .0
 160. * .4 .0
 165. * .4 .0
 170. * .3 .0
 175. * .4 .0
 180. * .4 .1
 185. * .4 .1
 190. * .4 .1
 195. * .4 .1
 200. * .5 .1
 205. * .5 .0

1

JOB: NB URBANA PARK (S24NB30A.DAT)

RUN: SITE 24 NB URBANA PARK AM

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

-----*-----
 210. * .5 .0
 215. * .5 .0
 220. * .5 .0
 225. * .5 .0
 230. * .5 .0
 235. * .5 .1
 240. * .5 .1
 245. * .5 .1
 250. * .5 .1
 255. * .5 .1
 260. * .4 .0
 265. * .4 .0
 270. * .6 .0
 275. * .4 .0
 280. * .3 .0
 285. * .2 .0
 290. * .1 .0
 295. * .1 .0
 300. * .0 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----

MAX * .7 .1
 DEGR. * 135 180

THE HIGHEST CONCENTRATION IS .70 PPM AT 135 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 180 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB URBANA PARK (S24NB30A.DAT)
 DATE: 12/20/2006 TIME: 10:33:44.75

RUN: SITE 24 NB URBANA PARK AM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 135 180
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .2 .0
 6 * .1 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .1
 23 * .2 .0
 24 * .1 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0

S24NB30A.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: NB URBANA PARK (S24NB30A.DAT)

RUN: SITE 24 NB URBANA PARK AM

PAGE 8

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)	
		REC1 REC2			
		135	180		
46	*	.0	.0		
47	*	.0	.0		
48	*	.0	.0		
49	*	.0	.0		
50	*	.0	.0		
51	*	.0	.0		
52	*	.0	.0		
53	*	.0	.0		
54	*	.1	.0		
55	*	.0	.0		
56	*	.0	.0		
57	*	.0	.0		
58	*	.0	.0		
59	*	.0	.0		
60	*	.0	.0		
61	*	.0	.0		
62	*	.0	.0		
63	*	.0	.0		
64	*	.0	.0		
65	*	.0	.0		
66	*	.0	.0		
67	*	.0	.0		
68	*	.0	.0		
69	*	.0	.0		
70	*	.0	.0		
71	*	.0	.0		
72	*	.0	.0		
73	*	.0	.0		
74	*	.0	.0		
75	*	.0	.0		
76	*	.0	.0		
77	*	.0	.0		
78	*	.0	.0		
79	*	.0	.0		
80	*	.0	.0		
81	*	.0	.0		
82	*	.0	.0		
83	*	.0	.0		
84	*	.0	.0		
85	*	.0	.0		
86	*	.0	.0		
87	*	.0	.0		
88	*	.0	.0		
89	*	.0	.0		
90	*	.0	.0		
91	*	.0	.0		
92	*	.0	.0		
93	*	.0	.0		
94	*	.0	.0		
95	*	.0	.0		
96	*	.0	.0		
97	*	.0	.0		
98	*	.0	.0		

NB URBANA PARK (S24NB30P.DAT)				S24NB30P.DAT			
ROW	URB	PARK S24	210903.	603892.	5.0	60.0175.0.0000.000020.30480000	11
PLAYING	FIELDS	S24	210850.	604395.	5.0		
SITE	24	NB URBANA PARK	PM	98	1	1	
1	I-270	NB	AG212123.602857.211994.603067.	6100	2.6	0.44.	36
2	"		AG211994.603067.211815.603289.	6100	2.6	0.44.	36
3	"		AG211815.603289.211559.603515.	6100	2.6	0.44.	36
4	"		AG211559.603515.211253.603705.	6100	2.6	0.44.	36
5	"		AG211253.603705.210964.603808.	6100	2.6	0.44.	36
6	"		AG210964.603808.210632.603909.	6100	2.6	0.44.	36
7	"		AG210632.603909.210521.603943.	6100	2.6	0.44.	36
8	NB OFF TO 80		AG211253.603705.211126.603793.	325	2.6	0.32.	30
9	"		AG211126.603793.211096.603870.	325	2.6	0.32.	30
10	"		AG211096.603870.211099.603928.	325	2.6	0.32.	30
11	"		AG211099.603928.211132.603985.	325	2.6	0.32.	30
12	"		AG211132.603985.211202.604026.	325	2.6	0.32.	30
13	"		AG211202.604026.211506.604039.	325	2.6	0.32.	30
14	"		AG211506.604039.211574.604009.	325	2.6	0.32.	30
15	"		AG211574.604009.211619.603949.	325	2.6	0.32.	30
16	NB OFF LEFT		AG211619.603949.211694.603814.	275	2.6	0.44.	30
17	"	Q 90	AG211678.603844.211643.603906.	0.	24.	2	
18	NB OFF RIGHT		AG211619.603949.211622.603852.	100	2.6	0.32.	30
19	"		AG211622.603852.211576.603776.	100	2.6	0.32.	30
20	"	Q 90	AG211581.603783.211619.603846.	0.	12.	1	
21	"		AG211576.603776.211500.603713.	100	2.6	0.32.	30
22	I-270 SB		AG210496.603858.210975.603725.	2925	3.7	0.44.	58
23	"		AG210975.603725.211238.603621.	2925	3.7	0.44.	58
24	"		AG211238.603621.211517.603438.	2925	3.7	0.44.	58
25	"		AG211517.603438.211675.603313.	2925	3.7	0.44.	58
26	"		AG211675.603313.211775.603212.	2925	3.7	0.44.	58
27	"		AG211775.603212.212061.602812.	2925	3.7	0.44.	58
28	270SB OFF TO 80		AG211517.603438.211562.603334.	650	2.6	0.32.	30
29	"		AG211562.603334.211547.603254.	650	2.6	0.32.	30
30	"		AG211547.603254.211495.603196.	650	2.6	0.32.	30
31	"		AG211495.603196.211437.603174.	650	2.6	0.32.	30
32	"		AG211437.603174.211134.603171.	650	2.6	0.32.	30
33	"		AG211134.603171.211056.603197.	650	2.6	0.32.	30
34	"		AG211056.603197.211000.603280.	650	2.6	0.32.	30
35	SB OFFSPLIT T080		AG211000.603280.210939.603387.	150	3.4	0.32.	15
36	NB80RMLT	90	AG210952.603364.210991.603296.	0.	12.	1	
37	SB OFFSPLIT T080		AG211000.603280.211006.603365.	1	3.3	0.32.	15
38	"		AG211006.603365.211042.603414.	1	2.6	0.32.	30
39	"	90	AG211039.603409.211008.603368.	0.	12.	1	
40	"		AG211042.603414.211180.603518.	1	2.6	0.32.	30
41	WB 80		AG212296.604166.211969.603976.	1825	2.8	0.44.	40
42	"		AG211969.603976.211863.603927.	1825	2.8	0.44.	40
43	RT ON FR 80W		AG211863.603927.211763.603900.	550	2.8	0.44.	40
44	"		AG211763.603900.211658.603923.	550	2.8	0.44.	40
45	"	90	AG211700.603914.211755.603901.	0.	12.	1	
46	80 ON TO NB270		AG211658.603923.211599.604013.	1575	2.6	0.32.	35
47	I-270 NB ON		AG211599.604013.211532.604055.	1575	2.6	0.32.	30
48	"		AG211532.604055.211438.604062.	1575	2.6	0.32.	30

S24NB30P.DAT

49	"	AG211438.604062.211206.604048.	1575 2.6	0. 32.	30
50	"	AG211206.604048.211148.604025.	1575 2.6	0. 32.	30
51	"	AG211148.604025.211083.603964.	1575 2.6	0. 32.	30
52	"	AG211083.603964.211022.603890.	1575 2.6	0. 32.	30
53	"	AG211022.603890.210965.603858.	1575 2.6	0. 32.	30
54	"	AG210965.603858.210905.603856.	1575 2.6	0. 32.	30
55	"	AG210905.603856.210632.603909.	1575 2.6	0. 32.	30
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	575 2.6	0. 32.	17
57	"	AG211726.603838.211805.603889.	0. 12.	1	
	90	44 4. 575 28.3 1863 2 3			
58	80WB TO SBOFF	AG211704.603824.211500.603713.	575 2.8	0. 32.	40
59	"	AG211500.603713.210937.603394.	675 2.8	0. 32.	40
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
	90	17 2. 675 28.3 1182 3 3			
61	80 WB	AG210937.603394.210562.603186.	550 2.8	0. 32.	40
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	425 2.8	0. 44.	40
63	"	AG210667.603227.210778.603284.	425 2.8	0. 44.	40
64	"	AG210778.603284.210850.603300.	2 2.8	0. 44.	40
65	"	AG210850.603300.210918.603294.	2 2.8	0. 44.	40
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
	90	5 2. 1 28.3 1750 3 3			
67	"	AG210918.603294.210980.603262.	2 2.8	0. 44.	40
68	80WB @ SB RP TL	AG210778.603284.210830.603323.	275 2.8	0. 44.	40
69	"	AG210830.603323.210939.603387.	275 2.8	0. 44.	40
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	5 2. 2 28.3 1750 1 3			
71	80EB @ NB RP	AG210939.603387.211180.603518.	425 2.8	0. 44.	40
72	"	AG211180.603518.211557.603727.	425 2.8	0. 44.	40
73	"	AG211557.603727.211989.603968.	425 2.8	0. 44.	40
70	eb r Q	AG210915.603373.210841.603330.	0. 12.	1	
	150	19 4. 1 28.3 712 2 3			
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
	90	17 4. 425 28.3 1863 2 3			
74	80 EB	AG211989.603968.212305.604152.	875 2.8	0. 44.	40
75	80 ON TO 270SB	AG210980.603262.211024.603189.	325 2.6	0. 32.	30
76	"	AG211024.603189.211087.603149.	325 2.6	0. 32.	30
77	"	AG211087.603149.211145.603140.	325 2.6	0. 32.	30
78	"	AG211145.603140.211440.603144.	325 2.6	0. 32.	30
79	"	AG211440.603144.211499.603163.	325 2.6	0. 32.	30
80	"	AG211499.603163.211594.603223.	325 2.6	0. 32.	30
81	"	AG211594.603223.211664.603235.	325 2.6	0. 32.	30
82	"	AG211664.603235.211775.603212.	325 2.6	0. 32.	30
83	I-270 NB	AG210521.603943.209400.604253.	7300 2.6	0. 44.	32
84	"	AG209400.604253.208836.604494.	7300 2.6	0. 44.	32
85	"	AG208836.604494.208166.604895.	7300 2.6	0. 44.	32
86	"	AG208166.604895.207724.605289.	7300 2.6	0. 44.	32
87	I-270 SB	AG207646.605231.208105.604843.	650 3.6	0. 44.	56
88	"	AG208105.604843.208804.604420.	650 3.6	0. 44.	56
89	"	AG208804.604420.209380.604177.	650 3.6	0. 44.	56
90	"	AG209380.604177.210495.603858.	650 3.6	0. 44.	56
91	I-270 NB	AG207724.605289.207503.605510.	7300 2.6	0. 44.	32
92	"	AG207503.605510.207122.605997.	7300 2.6	0. 44.	32
93	"	AG207122.605997.206735.606587.	7300 2.6	0. 44.	32
94	I-270 SB	AG206638.606543.206943.606090.	650 3.6	0. 44.	56
95	"	AG206943.606090.207418.605459.	650 3.6	0. 44.	56
96	"	AG207418.605459.207644.605229.	650 3.6	0. 44.	56
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: NB URBANA PARK (S24NB30P.DAT)
DATE: 12/20/2006 TIME: 10:34:06.88

RUN: SITE 24 NB URBANA PARK PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1 I-270 NB	212123.0	602857.0	211994.0	603067.0	246.	328. AG	6100.	2.6	.0	44.0	
2. 2 "	211994.0	603067.0	211815.0	603289.0	285.	321. AG	6100.	2.6	.0	44.0	
3. 3 "	211815.0	603289.0	211559.0	603515.0	341.	311. AG	6100.	2.6	.0	44.0	
4. 4 "	211559.0	603515.0	211253.0	603705.0	360.	302. AG	6100.	2.6	.0	44.0	
5. 5 "	211253.0	603705.0	210964.0	603808.0	307.	290. AG	6100.	2.6	.0	44.0	
6. 6 "	210964.0	603808.0	210632.0	603909.0	347.	287. AG	6100.	2.6	.0	44.0	
7. 7 "	210632.0	603909.0	210521.0	603943.0	116.	287. AG	6100.	2.6	.0	44.0	
8. 8 NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	155.	305. AG	325.	2.6	.0	32.0	
9. 9 "	211126.0	603793.0	211096.0	603870.0	83.	339. AG	325.	2.6	.0	32.0	
10. 10 "	211096.0	603870.0	211099.0	603928.0	58.	3. AG	325.	2.6	.0	32.0	
11. 11 "	211099.0	603928.0	211132.0	603985.0	66.	30. AG	325.	2.6	.0	32.0	
12. 12 "	211132.0	603985.0	211202.0	604026.0	81.	60. AG	325.	2.6	.0	32.0	
13. 13 "	211202.0	604026.0	211506.0	604039.0	304.	88. AG	325.	2.6	.0	32.0	
14. 14 "	211506.0	604039.0	211574.0	604009.0	74.	114. AG	325.	2.6	.0	32.0	
15. 15 "	211574.0	604009.0	211619.0	603949.0	75.	143. AG	325.	2.6	.0	32.0	
16. 16 NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	154.	151. AG	275.	2.6	.0	44.0	
17. 17 " Q	211678.0	603844.0	211651.9	603890.3	53.	331. AG	120. 100.0	.0	24.0	.57	2.7
18. 18 NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	97.	178. AG	100.	2.6	.0	32.0	
19. 19 "	211622.0	603852.0	211576.0	603776.0	89.	211. AG	100.	2.6	.0	32.0	
20. 20 " Q	211581.0	603783.0	211601.1	603816.3	39.	31. AG	60. 100.0	.0	12.0	.44	2.0
21. 21 "	211576.0	603776.0	211500.0	603713.0	99.	230. AG	100.	2.6	.0	32.0	
22. 22 I-270 SB	210496.0	603858.0	210975.0	603725.0	497.	106. AG	2925.	3.7	.0	44.0	
23. 23 "	210975.0	603725.0	211238.0	603621.0	283.	112. AG	2925.	3.7	.0	44.0	
24. 24 "	211238.0	603621.0	211517.0	603438.0	334.	123. AG	2925.	3.7	.0	44.0	
25. 25 "	211517.0	603438.0	211675.0	603313.0	201.	128. AG	2925.	3.7	.0	44.0	
26. 26 "	211675.0	603313.0	211775.0	603212.0	142.	135. AG	2925.	3.7	.0	44.0	
27. 27 "	211775.0	603212.0	212061.0	602812.0	492.	144. AG	2925.	3.7	.0	44.0	
28. 28 270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	113.	157. AG	650.	2.6	.0	32.0	
29. 29 "	211562.0	603334.0	211547.0	603254.0	81.	191. AG	650.	2.6	.0	32.0	
30. 30 "	211547.0	603254.0	211495.0	603196.0	78.	222. AG	650.	2.6	.0	32.0	
31. 31 "	211495.0	603196.0	211437.0	603174.0	62.	249. AG	650.	2.6	.0	32.0	
32. 32 "	211437.0	603174.0	211134.0	603171.0	303.	269. AG	650.	2.6	.0	32.0	
33. 33 "	211134.0	603171.0	211056.0	603197.0	82.	288. AG	650.	2.6	.0	32.0	
34. 34 "	211056.0	603197.0	211000.0	603280.0	100.	326. AG	650.	2.6	.0	32.0	
35. 35 SB OFFSPLIT T080	211000.0	603280.0	210939.0	603387.0	123.	330. AG	150.	3.4	.0	32.0	
36. 36 NB80RMP LT	210952.0	603364.0	210981.0	603313.5	58.	150. AG	60. 100.0	.0	12.0	.51	3.0
37. 37 SB OFFSPLIT T080	211000.0	603280.0	211006.0	603365.0	85.	4. AG	1. 3.3	.0	32.0		
38. 38 "	211006.0	603365.0	211042.0	603414.0	61.	36. AG	1. 2.6	.0	32.0		
39. 39 "	211039.0	603409.0	211038.8	603408.7	0.	218. AG	62. 100.0	.0	12.0	.00	.0
40. 40 "	211042.0	603414.0	211180.0	603518.0	173.	53. AG	1. 2.6	.0	32.0		
41. 41 WB 80	212296.0	604166.0	211969.0	603976.0	378.	240. AG	1825.	2.8	.0	44.0	
42. 42 "	211969.0	603976.0	211863.0	603927.0	117.	245. AG	1825.	2.8	.0	44.0	
43. 43 RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	104.	255. AG	550.	2.8	.0	44.0	
44. 44 "	211763.0	603900.0	211658.0	603923.0	107.	282. AG	550.	2.8	.0	44.0	

JOB: NB URBANA PARK (S24NB30P.DAT)
DATE: 12/20/2006 TIME: 10:34:06.88

RUN: SITE 24 NB URBANA PARK PM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
45. 45 "	211700.0	603914.0	211700.0	603914.0	0.	70. AG	4. 100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	211658.0	603923.0	211599.0	604013.0	108.	327. AG	1575.	2.6	.0	32.0	
47. 47 I-270 NB ON	211599.0	604013.0	211532.0	604055.0	79.	302. AG	1575.	2.6	.0	32.0	
48. 48 "	211532.0	604055.0	211438.0	604062.0	94.	274. AG	1575.	2.6	.0	32.0	
49. 49 "	211438.0	604062.0	211206.0	604048.0	232.	267. AG	1575.	2.6	.0	32.0	
50. 50 "	211206.0	604048.0	211148.0	604025.0	62.	248. AG	1575.	2.6	.0	32.0	
51. 51 "	211148.0	604025.0	211083.0	603964.0	89.	227. AG	1575.	2.6	.0	32.0	
52. 52 "	211083.0	603964.0	211022.0	603890.0	96.	219. AG	1575.	2.6	.0	32.0	
53. 53 "	211022.0	603890.0	210965.0	603858.0	65.	241. AG	1575.	2.6	.0	32.0	
54. 54 "	210965.0	603858.0	210905.0	603856.0	60.	268. AG	1575.	2.6	.0	32.0	
55. 55 "	210905.0	603856.0	210632.0	603909.0	278.	281. AG	1575.	2.6	.0	32.0	
56. 56 80W THRU @NB OFF	211863.0	603927.0	211704.0	603824.0	189.	237. AG	575.	2.6	.0	32.0	
57. 57 "	211726.0	603838.0	211842.2	603913.1	138.	57. AG	37. 100.0	.0	12.0	.69	7.0
58. 58 80WB TO SB OFF	211704.0	603824.0	211500.0	603713.0	232.	241. AG	575.	2.8	.0	32.0	
59. 59 "	211500.0	603713.0	210937.0	603394.0	647.	240. AG	675.	2.8	.0	32.0	
60. 60 " Q	210962.0	603409.0	211016.9	603439.5	63.	61. AG	14. 100.0	.0	12.0	.75	3.2
61. 61 80 WB	210937.0	603394.0	210562.0	603186.0	429.	241. AG	550.	2.8	.0	32.0	
62. 62 80EB NEAR SB RP	210570.0	603172.0	210667.0	603227.0	112.	60. AG	425.	2.8	.0	44.0	
63. 63 "	210667.0	603227.0	210778.0	603284.0	125.	63. AG	425.	2.8	.0	44.0	
64. 64 "	210778.0	603284.0	210850.0	603300.0	74.	77. AG	2. 2.8	.0	44.0		
65. 65 "	210850.0	603300.0	210918.0	603294.0	68.	95. AG	2. 2.8	.0	44.0		
66. 66 80EB @ SB RP RT	210907.0	603295.0	210907.0	603295.0	0.	250. AG	4. 100.0	.0	12.0	.00	.0
67. 67 "	210918.0	603294.0	210980.0	603262.0	70.	117. AG	2. 2.8	.0	44.0		
68. 68 80WB @ SB RP TL	210778.0	603284.0	210830.0	603323.0	65.	53. AG	275.	2.8	.0	44.0	
69. 69 "	210830.0	603323.0	210939.0	603387.0	126.	60. AG	275.	2.8	.0	44.0	
70. 70 " Q	210915.0	603373.0	210915.0	603373.0	0.	250. AG	8. 100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	210939.0	603387.0	211180.0	603518.0	274.	61. AG	425.	2.8	.0	44.0	
72. 72 "	211180.0	603518.0	211557.0	603727.0	431.	61. AG	425.	2.8	.0	44.0	
73. 73 "	211557.0	603727.0	211989.0	603968.0	495.	61. AG	425.	2.8	.0	44.0	
74. 74 eb r Q	210915.0	603373.0	210914.9	603373.0	0.	240. AG	10. 100.0	.0	12.0	.00	.0
75. 75 eb thru Q	210915.0	603373.0	210898.0	603363.1	20.	240. AG	29. 100.0	.0	24.0	.15	1.0
76. 74 80 EB	211989.0	603968.0	212305.0	604152.0	366.	60. AG	875.	2.8	.0	44.0	
77. 75 80 ON TO 270SB	210980.0	603262.0	211024.0	603189.0	85.	149. AG	325.	2.6	.0	32.0	
78. 76 "	211024.0	603189.0	211087.0	603149.0	75.	122. AG	325.	2.6	.0	32.0	
79. 77 "	211087.0	603149.0	211145.0	603140.0	59.	99. AG	325.	2.6	.0	32.0	
80. 78 "	211145.0	603140.0	211440.0	603144.0	295.	89. AG	325.	2.6	.0	32.0	

S24NB30P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	325.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	325.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	325.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	325.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	7300.	2.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	7300.	2.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	7300.	2.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	7300.	2.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	650.	3.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	650.	3.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	650.	3.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	650.	3.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	7300.	2.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	7300.	2.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	7300.	2.6	.0	44.0

1

PAGE 3

JOB: NB URBANA PARK (S24NB30P.DAT) RUN: SITE 24 NB URBANA PARK PM
DATE: 12/20/2006 TIME: 10:34:06.88

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)			
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	650.	3.6	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	650.	3.6	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	650.	3.6	.0	44.0

1

PAGE 4

JOB: NB URBANA PARK (S24NB30P.DAT) RUN: SITE 24 NB URBANA PARK PM
DATE: 12/20/2006 TIME: 10:34:06.88

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	71	4.0	275	1681	28.30	2 3
20. 20 " Q	*	90	71	4.0	100	1583	28.30	2 3
36. 36 " NB80RMPLT	*	90	71	2.0	150	1770	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " Q	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " Q	*	90	44	4.0	575	1863	28.30	2 3
60. 60 " Q	*	90	17	2.0	675	1182	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	90	17	4.0	425	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. ROW URB PARK S24	*	210903.0	603892.0	5.0
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0

1

PAGE 5

JOB: NB URBANA PARK (S24NB30P.DAT) RUN: SITE 24 NB URBANA PARK PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.1	.0
105.	*	.2	.0
110.	*	.2	.0
115.	*	.4	.0
120.	*	.5	.0
125.	*	.8	.0
130.	*	.8	.0
135.	*	.6	.0
140.	*	.6	.0
145.	*	.6	.0

S24NB30P.OUT

150. * .5 .0
 155. * .7 .0
 160. * .7 .0
 165. * .5 .0
 170. * .5 .0
 175. * .5 .1
 180. * .5 .1
 185. * .5 .1
 190. * .5 .1
 195. * .5 .1
 200. * .5 .0
 205. * .5 .0

1

JOB: NB URBANA PARK (S24NB30P.DAT)

RUN: SITE 24 NB URBANA PARK PM

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

-----*-----
 210. * .5 .0
 215. * .5 .0
 220. * .5 .1
 225. * .5 .1
 230. * .5 .1
 235. * .5 .1
 240. * .5 .1
 245. * .5 .1
 250. * .5 .1
 255. * .5 .1
 260. * .5 .1
 265. * .6 .1
 270. * .7 .0
 275. * .6 .0
 280. * .6 .0
 285. * .3 .0
 290. * .2 .0
 295. * .1 .0
 300. * .0 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----

MAX * .8 .1
 DEGR. * 125 175

THE HIGHEST CONCENTRATION IS .80 PPM AT 125 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 175 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB URBANA PARK (S24NB30P.DAT)
 DATE: 12/20/2006 TIME: 10:34:06.88

RUN: SITE 24 NB URBANA PARK PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 125 175
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .1 .0
 5 * .3 .0
 6 * .1 .1
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .1 .0
 24 * .1 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0

S24NB30P.OUT

35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

1

JOB: NB URBANA PARK (S24NB30P.DAT)

RUN: SITE 24 NB URBANA PARK PM

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	125	175	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.1	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.0	.0
71	*	.0	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.0	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.0	.0
97	*	.0	.0
98	*	.0	.0

		S24B130A.DAT										
B130AM I270 AND 80 RAMPS		60.0175.0.0000.000020.30480000										11
ROW URB PARK S24		210903. 603892. 5.0										
PLAYING FIELDS S24		210850. 604395. 5.0										
B130AM I270 AND 80 RAMPS		98 1 1										
16	NB off RMPAG211619.603949.211694.603814.	125	2.6	0.	44.	30						
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2								
150	133 3 125 28.3 1681 3 3											
18	NB off RMPAG211619.603949.211622.603852.	25	2.6	0.	32.	30						
1	NB off RamAG211622.603852.211576.603776.	25	2.6	0.	32.	30						
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1								
150	133 3 25 28.3 1583 3 3											
20	NB off RamAG211576.603776.211500.603713.	25	2.6	0.	32.	30						
36	NB 80 ONRAAG211000.603280.210939.603387.	625	2.6	0.	32.	30						
43	NB on RMP AG211863.603927.211763.603900.	625	2.6	0.	32.	30						
1	NB on RMP AG211763.603900.211658.603923.	625	2.6	0.	32.	30						
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1								
150	5 3 625 28.3 1583 3 3											
1	NB RMP WT8AG211863.603927.211704.603824.	425	2.6	0.	32.	30						
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1								
150	28 3 425 28.3 1863 3 3											
2	NB RMP E80AG211705.603811.211556.603727.	1850	2.6	0.	44.	61						
150	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2								
150	15 5.0 1850 28.3 1352 3 3											
dp	NB RMP E80AG212302.604151.211707.603812.	1775	2.8	0.	44.	40						
1	NB on RMP AG210486.603978.210661.603955.	825	2.6	0.	32.	61						
1	NB on RMP AG210661.603955.210810.603952.	825	2.6	0.	32.	61						
0	NB on RMP AG210810.603952.211023.603995.	825	2.6	0.	32.	61						
0	NB on RMP AG211023.603995.211207.604048.	825	2.6	0.	32.	61						
0	NB on RMP AG211207.604048.211523.604060.	825	2.6	0.	32.	61						
0	NB on RMP AG211523.604060.211609.604006.	825	2.6	0.	32.	61						
0	NB on RMP AG211609.604006.211660.603921.	825	2.6	0.	32.	61						
1	NB RMP CirAG211376.603670.211303.603731.	150	2.6	0.	32.	61						
0	NB RMP CirAG211303.603731.211187.603798.	150	2.6	0.	32.	61						
0	NB RMP CirAG211187.603798.211149.603856.	150	2.6	0.	32.	61						
0	NB RMP CirAG211149.603856.211147.603933.	150	2.6	0.	32.	61						
0	NB RMP CirAG211147.603933.211199.604010.	150	2.6	0.	32.	61						
0	NB RMP CirAG211199.604010.211306.604034.	150	2.6	0.	32.	61						
0	NB RMP CirAG211306.604034.211515.604036.	150	2.6	0.	32.	61						
0	NB RMP CirAG211515.604036.211583.604001.	150	2.6	0.	32.	61						
0	NB RMP CirAG211583.604001.211619.603948.	150	2.6	0.	32.	61						
41	WB 80 AG212296.604166.211969.603976.	1050	2.8	0.	44.	40						
42	WB 80 AG211969.603976.211863.603927.	1050	2.8	0.	44.	40						
58	wb 80 AG211704.603824.211500.603713.	450	2.8	0.	32.	40						
64	EB 80SB270AG210778.603284.210850.603300.	725	2.8	0.	44.	40						
65	EB 80SB270AG210850.603300.210918.603294.	725	2.8	0.	44.	40						
66	EB 80SB270AG210918.603294.210980.603262.	725	2.8	0.	44.	40						
71	EB 80 AG210939.603387.211180.603518.	725	2.8	0.	44.	40						
72	EB 80 AG211180.603518.211557.603727.	725	2.8	0.	44.	40						
1	SB RMP E80AG210940.603389.210778.603295.	725	2.8	0.	56.	40						
2	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3								
150	52 5.0 725 28.3 1863 3 3											
0	SB RMP E80AG210772.603286.210466.603118.	1775	2.8	0.	56.	40						
1	SB RMP WL8AG210939.603399.211080.603480.	250	2.8	0.	44.	40						
2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2								
150	52 5.0 250 28.3 493 3 3											
0	SB RMP WT8AG210933.603408.211079.603489.	250	2.8	0.	44.	40						
1	SB RMP W80AG211083.603489.211492.603717.	1000	2.8	0.	44.	40						
1	SB RMP W80AG210512.603159.210932.603403.	200	2.8	0.	44.	40						
0												
1												

		S24B130A.DAT			
1	SB RMP WL	AG210983.603264.210920.603384.	250	2.8	0. 32. 40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211049.603414.211008.603364.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211008.603364.211004.603287.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211004.603287.211029.603227.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211029.603227.211089.603177.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211089.603177.211193.603166.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211193.603166.211419.603175.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211419.603175.211499.603251.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211499.603251.211511.603344.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211511.603344.211486.603403.	1125	2.6	0. 32. 30
0 1	SB RMP Cir	AG211486.603403.211423.603469.	1125	2.6	0. 32. 30
0 1	SB On RMP	AG212132.602583.212057.602692.	350	2.6	0. 32. 30
0 1	SB On RMP	AG212057.602692.211962.602817.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211962.602817.211858.602905.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211858.602905.211734.602975.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211734.602975.211590.603019.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211590.603019.211347.603049.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211347.603049.211193.603089.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211193.603089.211084.603156.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211084.603156.211020.603194.	350	2.6	0. 32. 30
0 1	SB On RMP	AG211020.603194.210976.603256.	350	2.6	0. 32. 30
0 1	NB GP	AG210288.604040.210994.603831.	2425	3.8	0. 44. 60
0 1	NB GP	AG210994.603831.211305.603711.	2425	3.8	0. 44. 60
0 1	NB GP	AG211305.603711.211575.603546.	2425	3.8	0. 44. 60
0 1	NB GP	AG211575.603546.211828.603315.	2425	3.8	0. 44. 60
0 1	NB GP	AG211828.603315.211976.603144.	2425	3.8	0. 44. 60
0 1	NB GP	AG211976.603144.212095.602967.	2425	3.8	0. 44. 60
0 1	NB ETL	AG210281.603985.210773.603848.	1050	3.8	0. 32. 60
0 1	NB ETL	AG210773.603848.211062.603762.	1050	3.8	0. 32. 60
0 1	NB ETL	AG211062.603762.211342.603634.	1050	3.8	0. 32. 60
0 1	NB ETL	AG211342.603634.211533.603513.	1050	3.8	0. 32. 60
0 1	NB ETL	AG211533.603513.211718.603362.	1050	3.8	0. 32. 60
0 1	NB ETL	AG211718.603362.211890.603183.	1050	3.8	0. 32. 60
0 1	NB ETL	AG211890.603183.212018.603004.	1050	3.8	0. 32. 60
0 1	NB ETL	AG212018.603004.212104.602860.	1050	3.8	0. 32. 60
0 1	SB ETL	AG212069.602828.211997.602953.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211997.602953.211855.603148.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211855.603148.211711.603304.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211711.603304.211544.603446.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211544.603446.211308.603599.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211308.603599.211112.603692.	1800	3.6	0. 32. 56
0 1	SB ETL	AG211112.603692.210901.603766.	1800	3.6	0. 32. 56
0 1	SB ETL	AG210901.603766.210314.603929.	1800	3.6	0. 32. 56
0 1	SB GP	AG212064.602739.211923.602984.	5725	3.6	0. 44. 56
0 1	SB GP	AG211923.602984.211730.603225.	5725	3.6	0. 44. 56
0 1	SB GP	AG211730.603225.211584.603358.	5725	3.6	0. 44. 56
0 1	SB GP	AG211584.603358.211349.603520.	5725	3.6	0. 44. 56
0 1	SB GP	AG211349.603520.211054.603666.	5725	3.6	0. 44. 56
0 1	SB GP	AG211054.603666.210639.603797.	5725	3.6	0. 44. 56
0 1	SB GP	AG210639.603797.210231.603904.	5725	3.6	0. 44. 56
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:59.76

RUN: B130AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.6	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.6	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.6	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.6	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	625.	2.6	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	625.	2.6	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	625.	2.6	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211716.6	603910.1	*	17.	103. AG	3.	100.0	.0	12.0	.42 .9
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.6	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211780.7	603873.3	*	65.	57. AG	14.	100.0	.0	12.0	.29 3.3
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1850.	2.6	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.9	603763.7	*	76.	241. AG	15.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1775.	2.8	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	825.	2.6	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	825.	2.6	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	825.	2.6	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	825.	2.6	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	825.	2.6	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	825.	2.6	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	825.	2.6	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.6	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.6	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.6	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.6	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.6	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.6	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.6	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.6	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.6	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.8	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.8	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	450.	2.8	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	725.	2.8	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	725.	2.8	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	725.	2.8	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	725.	2.8	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	725.	2.8	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	725.	2.8	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	209676.9	602650.4	*	1450.	240. AG	78.	100.0	.0	36.0	2.15 73.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1775.	2.8	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	250.	2.8	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	211895.0	603954.3	*	1094.	60. AG	52.	100.0	.0	24.0	4.31 55.6

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:59.76

RUN: B130AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	250.	2.8	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	1000.	2.8	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.8	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	250.	2.8	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1125.	2.6	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1125.	2.6	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1125.	2.6	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1125.	2.6	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1125.	2.6	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1125.	2.6	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1125.	2.6	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1125.	2.6	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1125.	2.6	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1125.	2.6	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1125.	2.6	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.6	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.6	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.6	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.6	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.6	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.6	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.6	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.6	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.6	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.6	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2425.	3.8	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2425.	3.8	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2425.	3.8	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2425.	3.8	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2425.	3.8	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2425.	3.8	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1050.	3.8	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1050.	3.8	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1050.	3.8	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1050.	3.8	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1050.	3.8	.0	32.0	

S24B130A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1050.	3.8	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1050.	3.8	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1050.	3.8	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1800.	3.6	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1800.	3.6	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1800.	3.6	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1800.	3.6	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1800.	3.6	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1800.	3.6	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1800.	3.6	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1800.	3.6	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	5725.	3.6	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	5725.	3.6	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	5725.	3.6	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	5725.	3.6	.0 44.0

1

PAGE 3

JOB: B130AM I270 AND 80 RAMPS RUN: B130AM I270 AND 80 RAMPS
 DATE: 12/22/2006 TIME: 22:40:59.76

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	5725.	3.6	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	5725.	3.6	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	5725.	3.6	.0 44.0		

1

PAGE 4

JOB: B130AM I270 AND 80 RAMPS RUN: B130AM I270 AND 80 RAMPS
 DATE: 12/22/2006 TIME: 22:40:59.76

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10.	NB on RMP *	150	5	.3	625	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	425	1863	28.30	3	3
14.	NB RMP E80*	150	15	5.0	1850	1352	28.30	3	3
41.	SB RMP E80*	150	52	5.0	725	186	28.00	1	3
44.	SB RMP WL8*	150	52	5.0	250	49	28.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

PAGE 5

JOB: B130AM I270 AND 80 RAMPS RUN: B130AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.1	.0
105.	*	.2	.0
110.	*	.3	.0
115.	*	.4	.0
120.	*	.5	.0
125.	*	.6	.0
130.	*	.6	.0
135.	*	.8	.0
140.	*	.9	.0
145.	*	.7	.0
150.	*	.7	.0
155.	*	.8	.0
160.	*	.7	.0
165.	*	.7	.0

S24B130A.OUT

170. * .7 .1
175. * .6 .1
180. * .6 .1
185. * .6 .1
190. * .7 .1
195. * .7 .1
200. * .7 .0
205. * .7 .1

1

JOB: B130AM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2
-----*-----
210. * .7 .1
215. * .7 .1
220. * .7 .1
225. * .7 .1
230. * .7 .0
235. * .7 .0
240. * .8 .0
245. * .6 .0
250. * .6 .0
255. * .6 .0
260. * .9 .0
265. * .8 .0
270. * .7 .0
275. * .6 .0
280. * .4 .0
285. * .3 .0
290. * .2 .0
295. * .1 .0
300. * .1 .0
305. * .0 .0
310. * .0 .0
315. * .0 .0
320. * .0 .0
325. * .0 .0
330. * .0 .0
335. * .0 .0
340. * .0 .0
345. * .0 .0
350. * .0 .0
355. * .0 .0
360. * .0 .0
-----*-----
MAX * .9 .1
DEGR. * 140 170

THE HIGHEST CONCENTRATION IS .90 PPM AT 140 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 170 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B130AM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:40:59.76

RUN: B130AM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2
LINK # * 140 170
-----*-----
1 * .0 .0
2 * .0 .0
3 * .0 .0
4 * .0 .0
5 * .0 .0
6 * .0 .0
7 * .0 .0
8 * .0 .0
9 * .0 .0
10 * .0 .0
11 * .0 .0
12 * .0 .0
13 * .0 .0
14 * .0 .0
15 * .0 .0
16 * .0 .0
17 * .0 .0
18 * .0 .0
19 * .0 .0
20 * .0 .0
21 * .0 .0
22 * .0 .0
23 * .0 .0
24 * .0 .0
25 * .0 .0
26 * .0 .0
27 * .0 .0
28 * .0 .0
29 * .0 .0
30 * .0 .0
31 * .0 .0
32 * .0 .0
33 * .0 .0
34 * .0 .0
35 * .0 .0
36 * .0 .0
37 * .0 .0
38 * .0 .0

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

S24B130A.OUT

1

JOB: B130AM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	140	170	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.3	.0
71	*	.1	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.1	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.1	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.2	.0
97	*	.1	.1
98	*	.0	.0

		S24B130P.DAT										
B130PM I270 AND 80 RAMPS		60.0175.0.0000.000020.30480000										11
ROW URB PARK S24		210903. 603892. 5.0										
PLAYING FIELDS S24		210850. 604395. 5.0										
B130AM I270 AND 80 RAMPS		98 1 1										
16	NB off RMPAG211619.603949.211694.603814.	150	2.6	0.	44.	30						
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2								
	90 72 3 150 28.3 1681 3 3											
18	NB off RMPAG211619.603949.211622.603852.	150	2.6	0.	32.	30						
	NB off RamAG211622.603852.211576.603776.	150	2.6	0.	32.	30						
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1								
	90 72 3 150 28.3 1661 3 3											
20	NB off RamAG211576.603776.211500.603713.	150	2.6	0.	32.	30						
36	NB 80 ONRAAG211000.603280.210939.603387.	1175	2.6	0.	32.	30						
43	NB on RMP AG211863.603927.211763.603900.	1175	2.6	0.	32.	30						
	NB on RMP AG211763.603900.211658.603923.	1175	2.6	0.	32.	30						
	NB on RMP AG211700.603914.211755.603901.	0.	12.	1								
	90 5 3 1175 28.3 1583 3 3											
	NB RMP WT8AG211863.603927.211704.603824.	425	2.8	0.	32.	40						
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1								
	90 46 3 425 28.3 1863 3 3											
	NB RMP E80AG211705.603811.211556.603727.	875	2.8	0.	44.	40						
	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2								
	90 16 5.0 875 28.3 1207 3 3											
dp	NB RMP E80AG212302.604151.211707.603812.	625	2.8	0.	44.	40						
	NB on RMP AG210486.603978.210661.603955.	1575	2.6	0.	32.	61						
	NB on RMP AG210661.603955.210810.603952.	1575	2.6	0.	32.	61						
	NB on RMP AG210810.603952.211023.603995.	1575	2.6	0.	32.	61						
	NB on RMP AG211023.603995.211207.604048.	1575	2.6	0.	32.	61						
	NB on RMP AG211207.604048.211523.604060.	1575	2.6	0.	32.	61						
	NB on RMP AG211523.604060.211609.604006.	1575	2.6	0.	32.	61						
	NB on RMP AG211609.604006.211660.603921.	1575	2.6	0.	32.	61						
	NB RMP CirAG211376.603670.211303.603731.	225	2.6	0.	32.	61						
	NB RMP CirAG211303.603731.211187.603798.	225	2.6	0.	32.	61						
	NB RMP CirAG211187.603798.211149.603856.	225	2.6	0.	32.	61						
	NB RMP CirAG211149.603856.211147.603933.	225	2.6	0.	32.	61						
	NB RMP CirAG211147.603933.211199.604010.	225	2.6	0.	32.	61						
	NB RMP CirAG211199.604010.211306.604034.	225	2.6	0.	32.	61						
	NB RMP CirAG211306.604034.211515.604036.	225	2.6	0.	32.	61						
	NB RMP CirAG211515.604036.211583.604001.	225	2.6	0.	32.	61						
	NB RMP CirAG211583.604001.211619.603948.	225	2.6	0.	32.	61						
41	WB 80 AG212296.604166.211969.603976.	1600	2.8	0.	44.	40						
42	WB 80 AG211969.603976.211863.603927.	1600	2.8	0.	44.	40						
58	wb 80 AG211704.603824.211500.603713.	500	2.8	0.	32.	40						
64	EB 80SB270AG210778.603284.210850.603300.	425	2.8	0.	44.	40						
65	EB 80SB270AG210850.603300.210918.603294.	425	2.8	0.	44.	40						
66	EB 80SB270AG210918.603294.210980.603262.	425	2.8	0.	44.	40						
71	EB 80 AG210939.603387.211180.603518.	425	2.8	0.	44.	40						
72	EB 80 AG211180.603518.211557.603727.	425	2.8	0.	44.	40						
	SB RMP E80AG210940.603389.210778.603295.	425	2.8	0.	44.	40						
	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3								
	60 14 5.0 425 28.3 1863 3 3											
	SB RMP E80AG210772.603286.210466.603118.	625	2.8	0.	56.	40						
	SB RMP WL8AG210939.603399.211080.603480.	150	2.8	0.	44.	40						
	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2								
	60 14 5.0 150 28.3 1413 3 3											
	SB RMP WT8AG210933.603408.211079.603489.	150	2.8	0.	44.	40						
	SB RMP W80AG211083.603489.211492.603717.	525	2.8	0.	44.	40						
	SB RMP W80AG210512.603159.210932.603403.	350	2.8	0.	44.	40						

					S24B130P.DAT	
1	SB RMP WL	AG210983.603264.210920.603384.	150	2.8	0. 44.	40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211049.603414.211008.603364.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211008.603364.211004.603287.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211004.603287.211029.603227.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211029.603227.211089.603177.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211089.603177.211193.603166.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211193.603166.211419.603175.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211419.603175.211499.603251.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211499.603251.211511.603344.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211511.603344.211486.603403.	450	2.6	0. 32.	61
0 1	SB RMP Cir	AG211486.603403.211423.603469.	450	2.6	0. 32.	61
0 1	SB On RMP	AG212132.602583.212057.602692.	200	2.6	0. 32.	61
0 1	SB On RMP	AG212057.602692.211962.602817.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211962.602817.211858.602905.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211858.602905.211734.602975.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211734.602975.211590.603019.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211590.603019.211347.603049.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211347.603049.211193.603089.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211193.603089.211084.603156.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211084.603156.211020.603194.	200	2.6	0. 32.	61
0 1	SB On RMP	AG211020.603194.210976.603256.	200	2.6	0. 32.	61
0 1	NB GP	AG210288.604040.210994.603831.	5450	3.7	0. 44.	59
0 1	NB GP	AG210994.603831.211305.603711.	5450	3.7	0. 44.	59
0 1	NB GP	AG211305.603711.211575.603546.	5450	3.7	0. 44.	59
0 1	NB GP	AG211575.603546.211828.603315.	5450	3.7	0. 44.	59
0 1	NB GP	AG211828.603315.211976.603144.	5450	3.7	0. 44.	59
0 1	NB GP	AG211976.603144.212095.602967.	5450	3.7	0. 44.	59
0 1	NB ETL	AG210281.603985.210773.603848.	1775	3.7	0. 32.	59
0 1	NB ETL	AG210773.603848.211062.603762.	1775	3.7	0. 32.	59
0 1	NB ETL	AG211062.603762.211342.603634.	1775	3.7	0. 32.	59
0 1	NB ETL	AG211342.603634.211533.603513.	1775	3.7	0. 32.	59
0 1	NB ETL	AG211533.603513.211718.603362.	1775	3.7	0. 32.	59
0 1	NB ETL	AG211718.603362.211890.603183.	1775	3.7	0. 32.	59
0 1	NB ETL	AG211890.603183.212018.603004.	1775	3.7	0. 32.	59
0 1	NB ETL	AG212018.603004.212104.602860.	1775	3.7	0. 32.	59
0 1	SB ETL	AG212069.602828.211997.602953.	775	3.8	0. 32.	60
0 1	SB ETL	AG211997.602953.211855.603148.	775	3.8	0. 32.	60
0 1	SB ETL	AG211855.603148.211711.603304.	775	3.8	0. 32.	60
0 1	SB ETL	AG211711.603304.211544.603446.	775	3.8	0. 32.	60
0 1	SB ETL	AG211544.603446.211308.603599.	775	3.8	0. 32.	60
0 1	SB ETL	AG211308.603599.211112.603692.	775	3.8	0. 32.	60
0 1	SB ETL	AG211112.603692.210901.603766.	775	3.8	0. 32.	60
0 1	SB ETL	AG210901.603766.210314.603929.	775	3.8	0. 32.	60
0 1	SB GP	AG212064.602739.211923.602984.	2300	3.8	0. 44.	60
0 1	SB GP	AG211923.602984.211730.603225.	2300	3.8	0. 44.	60
0 1	SB GP	AG211730.603225.211584.603358.	2300	3.8	0. 44.	60
0 1	SB GP	AG211584.603358.211349.603520.	2300	3.8	0. 44.	60
0 1	SB GP	AG211349.603520.211054.603666.	2300	3.8	0. 44.	60
0 1	SB GP	AG211054.603666.210639.603797.	2300	3.8	0. 44.	60
0 1	SB GP	AG210639.603797.210231.603904.	2300	3.8	0. 44.	60
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:43:59.97

RUN: B130AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.6	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211663.5	603869.8	*	30.	331. AG	121.	100.0	.0	24.0	.26
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	150.	2.6	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	150.	2.6	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211611.5	603833.6	*	59.	31. AG	61.	100.0	.0	12.0	.52
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	150.	2.6	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1175.	2.6	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1175.	2.6	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1175.	2.6	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211739.4	603904.7	*	40.	103. AG	4.	100.0	.0	12.0	.81
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.8	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211815.8	603896.0	*	107.	57. AG	39.	100.0	.0	12.0	.49
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.8	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211653.7	603782.2	*	38.	241. AG	27.	100.0	.0	24.0	.49
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.8	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1575.	2.6	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1575.	2.6	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1575.	2.6	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1575.	2.6	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1575.	2.6	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1575.	2.6	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1575.	2.6	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.6	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.6	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.6	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.6	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.6	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.6	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.6	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.6	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.6	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.8	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.8	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	500.	2.8	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	425.	2.8	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	425.	2.8	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	425.	2.8	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	425.	2.8	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	425.	2.8	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	425.	2.8	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210918.7	603377.6	*	11.	240. AG	53.	100.0	.0	36.0	.12
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.8	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.8	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	35.	100.0	.0	24.0	.08

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:43:59.97

RUN: B130AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	150.	2.8	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	2.8	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	350.	2.8	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	150.	2.8	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	450.	2.6	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	450.	2.6	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	450.	2.6	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	450.	2.6	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	450.	2.6	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	450.	2.6	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	450.	2.6	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	450.	2.6	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	450.	2.6	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	450.	2.6	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	450.	2.6	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	200.	2.6	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	200.	2.6	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	200.	2.6	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	200.	2.6	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	200.	2.6	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	200.	2.6	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	200.	2.6	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	200.	2.6	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	200.	2.6	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	200.	2.6	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	5450.	3.7	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	5450.	3.7	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	5450.	3.7	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	5450.	3.7	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	5450.	3.7	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	5450.	3.7	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1775.	3.7	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1775.	3.7	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1775.	3.7	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1775.	3.7	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1775.	3.7	.0	32.0	

S24B130P.OUT

81.0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136.	AG	1775.	3.7	.0	32.0
82.0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144.	AG	1775.	3.7	.0	32.0
83.0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149.	AG	1775.	3.7	.0	32.0
84.0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330.	AG	775.	3.8	.0	32.0
85.0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324.	AG	775.	3.8	.0	32.0
86.0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317.	AG	775.	3.8	.0	32.0
87.0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310.	AG	775.	3.8	.0	32.0
88.0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303.	AG	775.	3.8	.0	32.0
89.0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295.	AG	775.	3.8	.0	32.0
90.0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289.	AG	775.	3.8	.0	32.0
91.0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286.	AG	775.	3.8	.0	32.0
92.0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330.	AG	2300.	3.8	.0	44.0
93.0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321.	AG	2300.	3.8	.0	44.0
94.0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312.	AG	2300.	3.8	.0	44.0
95.0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304.	AG	2300.	3.8	.0	44.0

1

PAGE 3

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:43:59.97

RUN: B130AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96.0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296.	AG	2300.	3.8	.0	44.0
97.0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288.	AG	2300.	3.8	.0	44.0
98.0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285.	AG	2300.	3.8	.0	44.0

1

PAGE 4

JOB: B130PM I270 AND 80 RAMPS
DATE: 12/22/2006 TIME: 22:43:59.97

RUN: B130AM I270 AND 80 RAMPS

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	72	.3	150	1661	28.30	3	3
10.	NB on RMP *	90	5	.3	1175	1583	28.30	3	3
12. 57	NB RMP WT8*	90	46	.3	425	1863	28.30	3	3
14.	NB RMP E80*	90	16	5.0	875	1207	28.30	3	3
41.	SB RMP E80*	60	14	5.0	425	1863	28.30	3	3
44.	SB RMP WL8*	60	14	5.0	150	1413	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

PAGE 5

JOB: B130PM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	* .1	.0
5.	* .1	.0
10.	* .1	.0
15.	* .1	.0
20.	* .1	.0
25.	* .1	.0
30.	* .1	.0
35.	* .1	.0
40.	* .1	.0
45.	* .0	.0
50.	* .0	.0
55.	* .0	.0
60.	* .0	.0
65.	* .0	.0
70.	* .0	.0
75.	* .0	.0
80.	* .0	.0
85.	* .0	.0
90.	* .1	.0
95.	* .2	.0
100.	* .3	.0
105.	* .6	.0
110.	* .7	.0
115.	* .9	.0
120.	* 1.1	.0
125.	* 1.0	.0
130.	* 1.2	.0
135.	* 1.0	.0
140.	* .9	.0
145.	* 1.0	.0
150.	* .8	.1
155.	* .8	.1
160.	* .8	.1
165.	* .8	.0

```

170. * .8 .1
175. * .8 .1
180. * .8 .1
185. * .8 .1
190. * .8 .1
195. * .8 .1
200. * .8 .1
205. * .8 .1

```

1

JOB: B130PM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

```

```

-----*-----
210. * .8 .1
215. * .8 .1
220. * .8 .1
225. * .8 .1
230. * .8 .1
235. * .8 .1
240. * .9 .0
245. * .9 .0
250. * 1.0 .0
255. * 1.0 .0
260. * 1.0 .0
265. * 1.0 .0
270. * 1.1 .0
275. * .9 .0
280. * .9 .0
285. * .7 .0
290. * .5 .0
295. * .3 .0
300. * .2 .0
305. * .1 .0
310. * .0 .0
315. * .1 .0
320. * .1 .0
325. * .1 .0
330. * .1 .0
335. * .1 .0
340. * .1 .0
345. * .1 .0
350. * .1 .0
355. * .1 .0
360. * .1 .0

```

```

-----*-----
MAX * 1.2 .1
DEGR. * 130 150

```

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 130 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 150 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

JOB: B130PM I270 AND 80 RAMPS
 DATE: 12/22/2006 TIME: 22:43:59.97

RUN: B130AM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2
LINK # * 130 150
-----*-----
1 * .0 .0
2 * .0 .0
3 * .0 .0
4 * .0 .0
5 * .0 .0
6 * .0 .0
7 * .0 .0
8 * .0 .0
9 * .0 .0
10 * .0 .0
11 * .0 .0
12 * .0 .0
13 * .0 .0
14 * .0 .0
15 * .0 .0
16 * .0 .0
17 * .0 .0
18 * .0 .0
19 * .0 .0
20 * .0 .0
21 * .0 .0
22 * .0 .0
23 * .0 .0
24 * .0 .0
25 * .0 .0
26 * .0 .0
27 * .0 .0
28 * .0 .0
29 * .0 .0
30 * .0 .0
31 * .0 .0
32 * .0 .0
33 * .0 .0
34 * .0 .0
35 * .0 .0
36 * .0 .0
37 * .0 .0
38 * .0 .0

```

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

S24B130P.OUT

1

JOB: B130PM I270 AND 80 RAMPS

RUN: B130AM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	130	150	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.6	.0
71	*	.3	.1
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.1	.0
78	*	.1	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.1	.0
97	*	.0	.0
98	*	.0	.0

S24B230A.DAT									
B230AM	I270 AND 80 RAMP	60.0175.0.0000.000020.30480000	11	1					
ROW URB PARK S24	210903.	603892.	5.0						
PLAYING FIELDS S24	210850.	604395.	5.0						
B230AM	I270 AND 80 RAMP	98 1 1							
16	NB off RMPAG211619.603949.211694.603814.	125 2.7 0. 44.	30						
17	NB off RMPAG211678.603844.211643.603906.	0. 24. 2							
150	133 3 125 28.3 1681 3 3								
18	NB off RMPAG211619.603949.211622.603852.	25 2.7 0. 32.	30						
1	NB off RamAG211622.603852.211576.603776.	25 2.7 0. 32.	30						
20	NB off RamAG211581.603783.211619.603846.	0. 12. 1							
150	133 3 25 28.3 1583 3 3								
20	NB off RamAG211576.603776.211500.603713.	25 2.7 0. 32.	30						
36	NB 80 ONRAAG211000.603280.210939.603387.	650 2.7 0. 32.	30						
43	NB on RMP AG211863.603927.211763.603900.	650 2.7 0. 32.	30						
1	NB on RMP AG211763.603900.211658.603923.	650 2.7 0. 32.	30						
2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1							
150	1 3 650 28.3 1583 3 3								
1	NB RMP WT8AG211863.603927.211704.603824.	400 2.7 0. 32.	30						
57	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1							
150	28 3 400 28.3 1863 3 3								
2	NB RMP E80AG211705.603811.211556.603727.	1875 2.7 0. 44.	61						
150	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2							
150	15 5.0 1875 28.3 1366 3 3								
dp	NB RMP E80AG212302.604151.211707.603812.	1800 2.9 0. 44.	40						
1	NB on RMP AG210486.603978.210661.603955.	850 2.7 0. 32.	61						
0	NB on RMP AG210661.603955.210810.603952.	850 2.7 0. 32.	61						
0	NB on RMP AG210810.603952.211023.603995.	850 2.7 0. 32.	61						
0	NB on RMP AG211023.603995.211207.604048.	850 2.7 0. 32.	61						
0	NB on RMP AG211207.604048.211523.604060.	850 2.7 0. 32.	61						
0	NB on RMP AG211523.604060.211609.604006.	850 2.7 0. 32.	61						
0	NB on RMP AG211609.604006.211660.603921.	850 2.7 0. 32.	61						
1	NB RMP CirAG211376.603670.211303.603731.	150 2.7 0. 32.	61						
0	NB RMP CirAG211303.603731.211187.603798.	150 2.7 0. 32.	61						
0	NB RMP CirAG211187.603798.211149.603856.	150 2.7 0. 32.	61						
0	NB RMP CirAG211149.603856.211147.603933.	150 2.7 0. 32.	61						
0	NB RMP CirAG211147.603933.211199.604010.	150 2.7 0. 32.	61						
0	NB RMP CirAG211199.604010.211306.604034.	150 2.7 0. 32.	61						
0	NB RMP CirAG211306.604034.211515.604036.	150 2.7 0. 32.	61						
0	NB RMP CirAG211515.604036.211583.604001.	150 2.7 0. 32.	61						
0	NB RMP CirAG211583.604001.211619.603948.	150 2.7 0. 32.	61						
41	WB 80 AG212296.604166.211969.603976.	1050 2.9 0. 44.	40						
42	WB 80 AG211969.603976.211863.603927.	1050 2.9 0. 44.	40						
58	wb 80 AG211704.603824.211500.603713.	425 2.9 0. 32.	40						
64	EB 80SB270AG210778.603284.210850.603300.	700 2.9 0. 44.	40						
65	EB 80SB270AG210850.603300.210918.603294.	700 2.9 0. 44.	40						
66	EB 80SB270AG210918.603294.210980.603262.	700 2.9 0. 44.	40						
71	EB 80 AG210939.603387.211180.603518.	700 2.9 0. 44.	40						
72	EB 80 AG211180.603518.211557.603727.	700 2.9 0. 44.	40						
1	SB RMP E80AG210940.603389.210778.603295.	700 2.9 0. 56.	40						
2	SB RMP E80AG210928.603383.210817.603318.	0. 36. 3							
150	55 5.0 700 28.3 1863 3 3								
0	SB RMP E80AG210772.603286.210466.603118.	1800 2.9 0. 56.	40						
1	SB RMP WL8AG210939.603399.211080.603480.	225 2.9 0. 44.	40						
2	SB RMP WL8AG210949.603404.211047.603461.	0. 24. 2							
150	55 5.0 225 28.3 507 3 3								
0	SB RMP WT8AG210933.603408.211079.603489.	225 2.9 0. 44.	40						
1	SB RMP W80AG211083.603489.211492.603717.	975 2.9 0. 44.	40						
1	SB RMP W80AG210512.603159.210932.603403.	200 2.9 0. 44.	40						
0									
1									

				S24B230A.DAT	
1	SB RMP WL	AG210983.603264.210920.603384.	225 2.9	0. 32.	40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211049.603414.211008.603364.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211008.603364.211004.603287.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211004.603287.211029.603227.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211029.603227.211089.603177.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211089.603177.211193.603166.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211193.603166.211419.603175.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211419.603175.211499.603251.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211499.603251.211511.603344.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211511.603344.211486.603403.	1175 2.7	0. 32.	30
0 1	SB RMP Cir	AG211486.603403.211423.603469.	1175 2.7	0. 32.	30
0 1	SB On RMP	AG212132.602583.212057.602692.	325 2.7	0. 32.	30
0 1	SB On RMP	AG212057.602692.211962.602817.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211962.602817.211858.602905.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211858.602905.211734.602975.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211734.602975.211590.603019.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211590.603019.211347.603049.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211347.603049.211193.603089.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211193.603089.211084.603156.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211084.603156.211020.603194.	325 2.7	0. 32.	30
0 1	SB On RMP	AG211020.603194.210976.603256.	325 2.7	0. 32.	30
0 1	NB GP	AG210288.604040.210994.603831.	2250 3.8	0. 44.	61
0 1	NB GP	AG210994.603831.211305.603711.	2250 3.8	0. 44.	61
0 1	NB GP	AG211305.603711.211575.603546.	2250 3.8	0. 44.	61
0 1	NB GP	AG211575.603546.211828.603315.	2250 3.8	0. 44.	61
0 1	NB GP	AG211828.603315.211976.603144.	2250 3.8	0. 44.	61
0 1	NB GP	AG211976.603144.212095.602967.	2250 3.8	0. 44.	61
0 1	NB ETL	AG210281.603985.210773.603848.	1375 3.9	0. 32.	62
0 1	NB ETL	AG210773.603848.211062.603762.	1375 3.9	0. 32.	62
0 1	NB ETL	AG211062.603762.211342.603634.	1375 3.9	0. 32.	62
0 1	NB ETL	AG211342.603634.211533.603513.	1375 3.9	0. 32.	62
0 1	NB ETL	AG211533.603513.211718.603362.	1375 3.9	0. 32.	62
0 1	NB ETL	AG211718.603362.211890.603183.	1375 3.9	0. 32.	62
0 1	NB ETL	AG211890.603183.212018.603004.	1375 3.9	0. 32.	62
0 1	NB ETL	AG212018.603004.212104.602860.	1375 3.9	0. 32.	62
0 1	SB ETL	AG212069.602828.211997.602953.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211997.602953.211855.603148.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211855.603148.211711.603304.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211711.603304.211544.603446.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211544.603446.211308.603599.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211308.603599.211112.603692.	3550 3.9	0. 32.	62
0 1	SB ETL	AG211112.603692.210901.603766.	3550 3.9	0. 32.	62
0 1	SB ETL	AG210901.603766.210314.603929.	3550 3.9	0. 32.	62
0 1	SB GP	AG212064.602739.211923.602984.	4550 2.6	0. 44.	35
0 1	SB GP	AG211923.602984.211730.603225.	4550 2.6	0. 44.	35
0 1	SB GP	AG211730.603225.211584.603358.	4550 2.6	0. 44.	35
0 1	SB GP	AG211584.603358.211349.603520.	4550 2.6	0. 44.	35
0 1	SB GP	AG211349.603520.211054.603666.	4550 2.6	0. 44.	35
0 1	SB GP	AG211054.603666.210639.603797.	4550 2.6	0. 44.	35
0 1	SB GP	AG210639.603797.210231.603904.	4550 2.6	0. 44.	35
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: B230AM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 12:24:19.53

RUN: B230AM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	650.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	650.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	650.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211703.5	603913.2	*	4.	103. AG	1.	100.0	.0	12.0	.42 .2
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211777.5	603871.2	*	61.	57. AG	14.	100.0	.0	12.0	.27 3.1
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.1	603763.3	*	77.	241. AG	15.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1800.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	850.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	850.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	850.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	850.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	850.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	850.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	850.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	425.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	700.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	700.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	700.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	700.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	700.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	700.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210867.5	603347.6	*	70.	240. AG	83.	100.0	.0	36.0	.21 3.6
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1800.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	225.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210978.1	603420.9	*	34.	60. AG	56.	100.0	.0	24.0	.38 1.7

JOB: B230AM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 12:24:19.53

RUN: B230AM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	225.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	975.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	225.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1175.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1175.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1175.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1175.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1175.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1175.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1175.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1175.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1175.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1175.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1175.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	325.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	325.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	325.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	325.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	325.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	325.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	325.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	325.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	325.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	325.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2250.	3.8	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2250.	3.8	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2250.	3.8	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2250.	3.8	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2250.	3.8	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2250.	3.8	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1375.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1375.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1375.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1375.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1375.	3.9	.0	32.0	

S24B230A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1375.	3.9	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1375.	3.9	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1375.	3.9	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	3550.	3.9	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	3550.	3.9	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	3550.	3.9	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	3550.	3.9	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	3550.	3.9	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	3550.	3.9	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	3550.	3.9	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	3550.	3.9	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4550.	2.6	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4550.	2.6	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4550.	2.6	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	4550.	2.6	.0	44.0

1

JOB: B230AM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 12:24:19.53

RUN: B230AM I270 AND 80 RAMPS

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4550.	2.6	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4550.	2.6	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4550.	2.6	.0	44.0	

1

JOB: B230AM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 12:24:19.53

RUN: B230AM I270 AND 80 RAMPS

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10.	NB on RMP *	150	1	.3	650	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	400	1863	28.30	3	3
14.	NB RMP E80*	150	15	5.0	1875	1366	28.30	3	3
41.	SB RMP E80*	150	55	5.0	700	1863	28.30	3	3
44.	SB RMP WL8*	150	55	5.0	225	507	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.0	.0
5.	*	.0	.0
10.	*	.0	.0
15.	*	.0	.0
20.	*	.0	.0
25.	*	.0	.0
30.	*	.0	.0
35.	*	.0	.0
40.	*	.0	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.0	.0
100.	*	.1	.0
105.	*	.2	.0
110.	*	.2	.0
115.	*	.4	.0
120.	*	.5	.0
125.	*	.7	.0
130.	*	.8	.0
135.	*	.8	.0
140.	*	.8	.0
145.	*	.7	.0
150.	*	.8	.0
155.	*	.7	.0
160.	*	.6	.0
165.	*	.6	.0

S24B230A.OUT

170. * .5 .0
 175. * .6 .0
 180. * .6 .0
 185. * .6 .0
 190. * .5 .0
 195. * .5 .1
 200. * .5 .1
 205. * .5 .1

1

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1 REC2
 -----*-----
 210. * .5 .1
 215. * .5 .0
 220. * .6 .0
 225. * .7 .0
 230. * .7 .0
 235. * .7 .0
 240. * .7 .0
 245. * .7 .0
 250. * .8 .0
 255. * .8 .0
 260. * .7 .0
 265. * .8 .0
 270. * .7 .0
 275. * .7 .0
 280. * .5 .0
 285. * .3 .0
 290. * .2 .0
 295. * .1 .0
 300. * .1 .0
 305. * .0 .0
 310. * .0 .0
 315. * .0 .0
 320. * .0 .0
 325. * .0 .0
 330. * .0 .0
 335. * .0 .0
 340. * .0 .0
 345. * .0 .0
 350. * .0 .0
 355. * .0 .0
 360. * .0 .0
 -----*-----
 MAX * .8 .1
 DEGR. * 130 195

THE HIGHEST CONCENTRATION IS .80 PPM AT 130 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .10 PPM AT 195 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B230AM I270 AND 80 RAMPS
 DATE: 12/27/2006 TIME: 12:24:19.53

RUN: B230AM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2
 LINK # * 130 195
 -----*-----
 1 * .0 .0
 2 * .0 .0
 3 * .0 .0
 4 * .0 .0
 5 * .0 .0
 6 * .0 .0
 7 * .0 .0
 8 * .0 .0
 9 * .0 .0
 10 * .0 .0
 11 * .0 .0
 12 * .0 .0
 13 * .0 .0
 14 * .0 .0
 15 * .0 .0
 16 * .0 .0
 17 * .0 .0
 18 * .0 .0
 19 * .0 .0
 20 * .0 .0
 21 * .0 .0
 22 * .0 .0
 23 * .0 .0
 24 * .0 .0
 25 * .0 .0
 26 * .0 .0
 27 * .0 .0
 28 * .0 .0
 29 * .0 .0
 30 * .0 .0
 31 * .0 .0
 32 * .0 .0
 33 * .0 .0
 34 * .0 .0
 35 * .0 .0
 36 * .0 .0
 37 * .0 .0
 38 * .0 .0

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

S24B230A.OUT

1

JOB: B230AM I270 AND 80 RAMPS

RUN: B230AM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	130	195	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.3	.0
71	*	.1	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.0
77	*	.1	.0
78	*	.0	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.1	.0
90	*	.1	.0
91	*	.0	.1
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.1	.0
97	*	.0	.0
98	*	.0	.0

B230PM I270 AND 80 RAMPS 60.0175.0.0000.000020.30480000 S24B230P.DAT 11 1
 ROW URB PARK S24 210903. 603892. 5.0
 PLAYING FIELDS S24 210850. 604395. 5.0
 B230PM I270 AND 80 RAMPS 98 1 1

16	1	NB off RMPAG211619.603949.211694.603814.	150	2.7	0.	44.	30
17	2	NB off RMPAG211678.603844.211643.603906.	0.	24.	2		
	90	76 3 150 28.3 1681 3 3					
18	1	NB off RMPAG211619.603949.211622.603852.	75	2.7	0.	32.	30
	1	NB off RamAG211622.603852.211576.603776.	75	2.7	0.	32.	30
20	2	NB off RamAG211581.603783.211619.603846.	0.	12.	1		
	90	76 3 75 28.3 1583 3 3					
20	1	NB off RamAG211576.603776.211500.603713.	75	2.7	0.	32.	30
36	1	NB 80 ONRAAG211000.603280.210939.603387.	1200	2.7	0.	32.	30
43	1	NB on RMP AG211863.603927.211763.603900.	1200	2.7	0.	32.	30
	1	NB on RMP AG211763.603900.211658.603923.	1200	2.7	0.	32.	30
	2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1		
	90	1 3 1200 28.3 1583 3 3					
	1	NB RMP WT8AG211863.603927.211704.603824.	400	2.7	0.	32.	30
57	2	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1		
	90	39 3 400 28.3 1863 3 3					
	1	NB RMP E80AG211705.603811.211556.603727.	875	2.7	0.	44.	61
	2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2		
	90	12 5.0 875 28.3 1271 3 3					
dp	1	NB RMP E80AG212302.604151.211707.603812.	625	2.9	0.	44.	40
	1	NB on RMP AG210486.603978.210661.603955.	1600	2.7	0.	32.	61
	1	NB on RMP AG210661.603955.210810.603952.	1600	2.7	0.	32.	61
	1	NB on RMP AG210810.603952.211023.603995.	1600	2.7	0.	32.	61
	1	NB on RMP AG211023.603995.211207.604048.	1600	2.7	0.	32.	61
	1	NB on RMP AG211207.604048.211523.604060.	1600	2.7	0.	32.	61
	1	NB on RMP AG211523.604060.211609.604006.	1600	2.7	0.	32.	61
	1	NB on RMP AG211609.604006.211660.603921.	1600	2.7	0.	32.	61
	1	NB RMP CirAG211376.603670.211303.603731.	225	2.7	0.	32.	61
	1	NB RMP CirAG211303.603731.211187.603798.	225	2.7	0.	32.	61
	1	NB RMP CirAG211187.603798.211149.603856.	225	2.7	0.	32.	61
	1	NB RMP CirAG211149.603856.211147.603933.	225	2.7	0.	32.	61
	1	NB RMP CirAG211147.603933.211199.604010.	225	2.7	0.	32.	61
	1	NB RMP CirAG211199.604010.211306.604034.	225	2.7	0.	32.	61
	1	NB RMP CirAG211306.604034.211515.604036.	225	2.7	0.	32.	61
	1	NB RMP CirAG211515.604036.211583.604001.	225	2.7	0.	32.	61
	1	NB RMP CirAG211583.604001.211619.603948.	225	2.7	0.	32.	61
41	1	WB 80 AG212296.604166.211969.603976.	1600	2.9	0.	44.	40
42	1	WB 80 AG211969.603976.211863.603927.	1600	2.9	0.	44.	40
58	1	wb 80 AG211704.603824.211500.603713.	475	2.9	0.	32.	40
64	1	EB 80SB270AG210778.603284.210850.603300.	450	2.9	0.	44.	40
65	1	EB 80SB270AG210850.603300.210918.603294.	450	2.9	0.	44.	40
66	1	EB 80SB270AG210918.603294.210980.603262.	450	2.9	0.	44.	40
71	1	EB 80 AG210939.603387.211180.603518.	450	2.9	0.	44.	40
72	1	EB 80 AG211180.603518.211557.603727.	450	2.9	0.	44.	40
	1	SB RMP E80AG210940.603389.210778.603295.	450	2.9	0.	56.	40
	2	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3		
	60	14 5.0 450 28.3 1863 3 3					
	1	SB RMP E80AG210772.603286.210466.603118.	625	2.9	0.	56.	40
	1	SB RMP WL8AG210939.603399.211080.603480.	150	2.9	0.	44.	40
	2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2		
	60	14 5.0 150 28.3 1380 3 3					
	1	SB RMP WT8AG210933.603408.211079.603489.	325	2.9	0.	44.	40
	1	SB RMP W80AG211083.603489.211492.603717.	500	2.9	0.	44.	40
	1	SB RMP W80AG210512.603159.210932.603403.	150	2.9	0.	44.	40
	0						
	1						

				S24B230P.DAT	
1	SB RMP WL	AG210983.603264.210920.603384.	325 2.9	0. 32.	40
0 1	SB RMP Cir	AG211165.603508.211049.603414.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211049.603414.211008.603364.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211008.603364.211004.603287.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211004.603287.211029.603227.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211029.603227.211089.603177.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211089.603177.211193.603166.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211193.603166.211419.603175.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211419.603175.211499.603251.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211499.603251.211511.603344.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211511.603344.211486.603403.	425 2.7	0. 32.	30
0 1	SB RMP Cir	AG211486.603403.211423.603469.	425 2.7	0. 32.	30
0 1	SB On RMP	AG212132.602583.212057.602692.	175 2.7	0. 32.	30
0 1	SB On RMP	AG212057.602692.211962.602817.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211962.602817.211858.602905.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211858.602905.211734.602975.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211734.602975.211590.603019.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211590.603019.211347.603049.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211347.603049.211193.603089.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211193.603089.211084.603156.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211084.603156.211020.603194.	175 2.7	0. 32.	30
0 1	SB On RMP	AG211020.603194.210976.603256.	175 2.7	0. 32.	30
0 1	NB GP	AG210288.604040.210994.603831.	4600 3.9	0. 44.	61
0 1	NB GP	AG210994.603831.211305.603711.	4600 3.9	0. 44.	61
0 1	NB GP	AG211305.603711.211575.603546.	4600 3.9	0. 44.	61
0 1	NB GP	AG211575.603546.211828.603315.	4600 3.9	0. 44.	61
0 1	NB GP	AG211828.603315.211976.603144.	4600 3.9	0. 44.	61
0 1	NB GP	AG211976.603144.212095.602967.	4600 3.9	0. 44.	61
0 1	NB ETL	AG210281.603985.210773.603848.	3525 3.9	0. 32.	61
0 1	NB ETL	AG210773.603848.211062.603762.	3525 3.9	0. 32.	61
0 1	NB ETL	AG211062.603762.211342.603634.	3525 3.9	0. 32.	61
0 1	NB ETL	AG211342.603634.211533.603513.	3525 3.9	0. 32.	61
0 1	NB ETL	AG211533.603513.211718.603362.	3525 3.9	0. 32.	61
0 1	NB ETL	AG211718.603362.211890.603183.	3525 3.9	0. 32.	61
0 1	NB ETL	AG211890.603183.212018.603004.	3525 3.9	0. 32.	61
0 1	NB ETL	AG212018.603004.212104.602860.	3525 3.9	0. 32.	61
0 1	SB ETL	AG212069.602828.211997.602953.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211997.602953.211855.603148.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211855.603148.211711.603304.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211711.603304.211544.603446.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211544.603446.211308.603599.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211308.603599.211112.603692.	1175 4.0	0. 32.	62
0 1	SB ETL	AG211112.603692.210901.603766.	1175 4.0	0. 32.	62
0 1	SB ETL	AG210901.603766.210314.603929.	1175 4.0	0. 32.	62
0 1	SB GP	AG212064.602739.211923.602984.	2025 3.9	0. 44.	61
0 1	SB GP	AG211923.602984.211730.603225.	2025 3.9	0. 44.	61
0 1	SB GP	AG211730.603225.211584.603358.	2025 3.9	0. 44.	61
0 1	SB GP	AG211584.603358.211349.603520.	2025 3.9	0. 44.	61
0 1	SB GP	AG211349.603520.211054.603666.	2025 3.9	0. 44.	61
0 1	SB GP	AG211054.603666.210639.603797.	2025 3.9	0. 44.	61
0 1	SB GP	AG210639.603797.210231.603904.	2025 3.9	0. 44.	61
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:53:48.37

RUN: B230PM I270 AND 80 RAMPS

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211662.7	603871.1	*	31.	331. AG	128.	100.0	.0	24.0	.34
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211597.1	603809.7	*	31.	31. AG	64.	100.0	.0	12.0	.37
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1200.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1200.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1200.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211719.9	603909.3	*	20.	103. AG	1.	100.0	.0	12.0	.79
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211797.7	603884.3	*	85.	57. AG	33.	100.0	.0	12.0	.40
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211662.0	603786.9	*	29.	241. AG	20.	100.0	.0	24.0	.44
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1600.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1600.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1600.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1600.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1600.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1600.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1600.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	475.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210918.1	603377.2	*	11.	240. AG	53.	100.0	.0	36.0	.12
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	35.	100.0	.0	24.0	.08

JOB: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:53:48.37

RUN: B230PM I270 AND 80 RAMPS

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	325.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	150.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	325.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	425.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	425.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	425.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	425.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	425.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	425.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	425.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	425.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	425.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	425.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	425.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	175.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	175.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	175.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	175.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	175.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	175.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	175.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	175.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	175.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	175.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4600.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4600.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4600.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4600.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4600.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4600.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	3525.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	3525.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	3525.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	3525.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	3525.	3.9	.0	32.0	

S24B230P.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	3525.	3.9	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	3525.	3.9	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	3525.	3.9	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1175.	4.0	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1175.	4.0	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1175.	4.0	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1175.	4.0	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1175.	4.0	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1175.	4.0	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1175.	4.0	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1175.	4.0	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	3.9	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	3.9	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	3.9	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2025.	3.9	.0	44.0

1

PAGE 3

JOB: B230PM I270 AND 80 RAMPS RUN: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:53:48.37

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)		
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	3.9	.0	44.0
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	3.9	.0	44.0
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	3.9	.0	44.0

1

PAGE 4

JOB: B230PM I270 AND 80 RAMPS RUN: B230PM I270 AND 80 RAMPS
DATE: 12/27/2006 TIME: 11:53:48.37

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
2. 17	NB off RMP*	90	76	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	76	.3	75	1583	28.30	3	3
10. 10	NB on RMP *	90	1	.3	1200	1583	28.30	3	3
12. 57	NB RMP WT8*	90	39	.3	400	1863	28.30	3	3
14. 14	NB RMP E80*	90	12	5.0	875	1271	28.30	3	3
41. 41	SB RMP E80*	60	14	5.0	450	1863	28.30	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1380	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z	
1. ROW URB PARK S24	*	210903.0	603892.0	5.0	*
2. PLAYING FIELDS S24	*	210850.0	604395.0	5.0	*

1

PAGE 5

JOB: B230PM I270 AND 80 RAMPS RUN: B230PM I270 AND 80 RAMPS

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2

0.	*	.1	.0
5.	*	.1	.0
10.	*	.1	.0
15.	*	.1	.0
20.	*	.1	.0
25.	*	.1	.0
30.	*	.1	.0
35.	*	.1	.0
40.	*	.1	.0
45.	*	.0	.0
50.	*	.0	.0
55.	*	.0	.0
60.	*	.0	.0
65.	*	.0	.0
70.	*	.0	.0
75.	*	.0	.0
80.	*	.0	.0
85.	*	.0	.0
90.	*	.0	.0
95.	*	.2	.0
100.	*	.3	.0
105.	*	.5	.0
110.	*	.7	.0
115.	*	.8	.0
120.	*	1.0	.0
125.	*	1.1	.0
130.	*	1.0	.0
135.	*	1.2	.0
140.	*	1.1	.0
145.	*	1.0	.0
150.	*	1.0	.1
155.	*	1.0	.1
160.	*	1.0	.1
165.	*	.8	.0

```

170. * .8 .1
175. * .8 .1
180. * .8 .1
185. * .8 .1
190. * .8 .1
195. * .8 .1
200. * .8 .1
205. * .8 .2

```

1

JOB: B230PM I270 AND 80 RAMPS

RUN: B230PM I270 AND 80 RAMPS

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2
-----*-----
210. * .9 .2
215. * .9 .2
220. * .9 .2
225. * .9 .1
230. * .9 .1
235. * 1.0 .1
240. * 1.1 .0
245. * 1.1 .0
250. * .9 .0
255. * 1.1 .0
260. * 1.2 .0
265. * 1.1 .0
270. * 1.1 .0
275. * 1.0 .0
280. * .9 .0
285. * .6 .0
290. * .6 .0
295. * .3 .0
300. * .2 .0
305. * .1 .0
310. * .0 .0
315. * .1 .0
320. * .1 .0
325. * .1 .0
330. * .1 .0
335. * .1 .0
340. * .1 .0
345. * .1 .0
350. * .1 .0
355. * .1 .0
360. * .1 .0
-----*-----
MAX * 1.2 .2
DEGR. * 135 205

```

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 135 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 205 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

JOB: B230PM I270 AND 80 RAMPS
 DATE: 12/27/2006 TIME: 11:53:48.37

RUN: B230PM I270 AND 80 RAMPS

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2
LINK # * 135 205
-----*-----
1 * .0 .0
2 * .0 .0
3 * .0 .0
4 * .0 .0
5 * .0 .0
6 * .0 .0
7 * .0 .0
8 * .0 .0
9 * .0 .0
10 * .0 .0
11 * .0 .0
12 * .0 .0
13 * .0 .0
14 * .0 .0
15 * .0 .0
16 * .0 .0
17 * .0 .0
18 * .0 .0
19 * .0 .0
20 * .0 .0
21 * .0 .0
22 * .0 .0
23 * .0 .0
24 * .0 .0
25 * .0 .0
26 * .0 .0
27 * .0 .0
28 * .0 .0
29 * .0 .0
30 * .0 .0
31 * .0 .0
32 * .0 .0
33 * .0 .0
34 * .0 .0
35 * .0 .0
36 * .0 .0
37 * .0 .0
38 * .0 .0

```

39	*	.0	.0
40	*	.0	.0
41	*	.0	.0
42	*	.0	.0
43	*	.0	.0
44	*	.0	.0
45	*	.0	.0

S24B230P.OUT

1

JOB: B230PM I270 AND 80 RAMPS

RUN: B230PM I270 AND 80 RAMPS

PAGE 8

LINK #	CO/LINK (PPM)		
	ANGLE (DEGREES)		
	REC1	REC2	
	135	205	
46	*	.0	.0
47	*	.0	.0
48	*	.0	.0
49	*	.0	.0
50	*	.0	.0
51	*	.0	.0
52	*	.0	.0
53	*	.0	.0
54	*	.0	.0
55	*	.0	.0
56	*	.0	.0
57	*	.0	.0
58	*	.0	.0
59	*	.0	.0
60	*	.0	.0
61	*	.0	.0
62	*	.0	.0
63	*	.0	.0
64	*	.0	.0
65	*	.0	.0
66	*	.0	.0
67	*	.0	.0
68	*	.0	.0
69	*	.0	.0
70	*	.6	.1
71	*	.2	.0
72	*	.0	.0
73	*	.0	.0
74	*	.0	.0
75	*	.0	.0
76	*	.0	.1
77	*	.2	.0
78	*	.1	.0
79	*	.0	.0
80	*	.0	.0
81	*	.0	.0
82	*	.0	.0
83	*	.0	.0
84	*	.0	.0
85	*	.0	.0
86	*	.0	.0
87	*	.0	.0
88	*	.0	.0
89	*	.0	.0
90	*	.0	.0
91	*	.0	.0
92	*	.0	.0
93	*	.0	.0
94	*	.0	.0
95	*	.0	.0
96	*	.1	.0
97	*	.0	.0
98	*	.0	.0

Site 25
Residence – 8358 Fingerboard Road

EX FINGERBOARD RD(S25EXA.DAT)		60.0175.0.0000.000010.30480000		S25EXA.DAT		11		1	
S25 RES.		207073.		605797.		5.0			
SITE 25 EX FINGERBOARD RDM		98		1		1			
1	I-270 NB	AG212123.602857.211994.603067.	1955	3.8	0.	44.	60.5		
2	"	AG211994.603067.211815.603289.	1955	3.8	0.	44.	60.5		
3	"	AG211815.603289.211559.603515.	1955	3.8	0.	44.	60.5		
4	"	AG211559.603515.211253.603705.	1955	3.8	0.	44.	60.5		
5	"	AG211253.603705.210964.603808.	1852	3.8	0.	44.	60.5		
6	"	AG210964.603808.210632.603909.	1852	3.8	0.	44.	60.5		
7	"	AG210632.603909.210521.603943.	2037	3.8	0.	44.	60.5		
8	NB OFF TO 80	AG211253.603705.211126.603793.	103	2.6	0.	32.	30		
9	"	AG211126.603793.211096.603870.	103	2.6	0.	32.	30		
10	"	AG211096.603870.211099.603928.	103	2.6	0.	32.	30		
11	"	AG211099.603928.211132.603985.	103	2.6	0.	32.	30		
12	"	AG211132.603985.211202.604026.	103	2.6	0.	32.	30		
13	"	AG211202.604026.211506.604039.	103	2.6	0.	32.	30		
14	"	AG211506.604039.211574.604009.	103	2.6	0.	32.	30		
15	"	AG211574.604009.211619.603949.	103	2.6	0.	32.	30		
16	NB OFF LEFT	AG211619.603949.211694.603814.	86	2.6	0.	44.	30		
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	16	2.6	0.	32.	30		
19	"	AG211622.603852.211576.603776.	16	2.6	0.	32.	30		
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	21	2.6	0.	32.	30		
22	I-270 SB	AG210496.603858.210975.603725.	3226	3.7	0.	44.	58.		
23	"	AG210975.603725.211238.603621.	3226	3.7	0.	44.	58.		
24	"	AG211238.603621.211517.603438.	3226	3.7	0.	44.	58.		
25	"	AG211517.603438.211675.603313.	2868	3.7	0.	44.	58.		
26	"	AG211675.603313.211775.603212.	2868	3.7	0.	44.	58.		
27	"	AG211775.603212.212061.602812.	3222	3.7	0.	44.	58.		
28	270SB OFF TO 80	AG211517.603438.211562.603334.	358	2.6	0.	32.	30		
29	"	AG211562.603334.211547.603254.	358	2.6	0.	32.	30		
30	"	AG211547.603254.211495.603196.	358	2.6	0.	32.	30		
31	"	AG211495.603196.211437.603174.	358	2.6	0.	32.	30		
32	"	AG211437.603174.211134.603171.	358	2.6	0.	32.	30		
33	"	AG211134.603171.211056.603197.	358	2.6	0.	32.	30		
34	"	AG211056.603197.211000.603280.	358	2.6	0.	32.	30		
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	57	2.8	0.	32.	15		
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	301	2.8	0.	32.	15		
38	"	AG211006.603365.211042.603414.	301	2.6	0.	32.	30		
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	301	2.6	0.	32.	30		
41	WB 80	AG212296.604166.211969.603976.	486	2.6	0.	44.	35		
42	"	AG211969.603976.211863.603927.	486	2.6	0.	44.	35		
43	RT ON FR 80W	AG211863.603927.211763.603900.	136	2.6	0.	32.	35		
44	"	AG211763.603900.211658.603923.	136	2.9	0.	32.	17		
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	184	2.6	0.	32.	35		
47	I-270 NB ON	AG211599.604013.211532.604055.	184	2.6	0.	32.	30		
48	"	AG211532.604055.211438.604062.	184	2.6	0.	32.	30		
49	"	AG211438.604062.211206.604048.	184	2.6	0.	32.	30		

50	1	"	AG211206.604048.211148.604025.	184	2.6	0.	32.	30
51	1	"	AG211148.604025.211083.603964.	184	2.6	0.	32.	30
52	1	"	AG211083.603964.211022.603890.	184	2.6	0.	32.	30
53	1	"	AG211022.603890.210965.603858.	184	2.6	0.	32.	30
54	1	"	AG210965.603858.210905.603856.	184	2.6	0.	32.	30
55	1	"	AG210905.603856.210632.603909.	184	2.6	0.	32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	345	2.6	0.	32.	17
57	1	"	AG211726.603838.211805.603889.	0.	12.	1		
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	371	2.6	0.	32.	35
59	2	"	AG211500.603713.210937.603394.	371	2.9	0.	32.	17
60	1	90 Q	AG210962.603409.211025.603444.	0.	12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	371	2.6	0.	32.	35
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	265	2.6	0.	44.	35
63	1	"	AG210667.603227.210778.603284.	265	2.6	0.	44.	35
64	1	"	AG210778.603284.210850.603300.	111	2.6	0.	44.	35
65	1	"	AG210850.603300.210918.603294.	111	2.8	0.	44.	17
66	2	80EB @ SB RP RT	AG210907.603295.210853.603299.	0.	12.	1		
67	1	"	AG210918.603294.210980.603262.	111	2.6	0.	44.	35
68	1	80EB @ SB RP TL	AG210778.603284.210830.603323.	154	2.6	0.	44.	35
69	2	"	AG210830.603323.210939.603387.	154	2.8	0.	44.	17
70	1	90 Q	AG210915.603373.210841.603330.	0.	24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	430	2.6	0.	44.	35
72	1	"	AG211180.603518.211557.603727.	430	2.6	0.	44.	35
73	1	"	AG211557.603727.211989.603968.	430	2.6	0.	44.	35
74	2	eb left Q	AG210915.603373.210841.603330.	0.	12.	1		
75	1	eb thru Q	AG210915.603373.210841.603330.	0.	24.	2		
76	1	80 EB	AG211989.603968.212305.604152.	467	2.6	0.	44.	35
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	354	2.6	0.	32.	30
78	1	"	AG211024.603189.211087.603149.	354	2.6	0.	32.	30
79	1	"	AG211087.603149.211145.603140.	354	2.6	0.	32.	30
80	1	"	AG211145.603140.211440.603144.	354	2.6	0.	32.	30
81	1	"	AG211440.603144.211499.603163.	354	2.6	0.	32.	30
82	1	"	AG211499.603163.211594.603223.	354	2.6	0.	32.	30
83	1	"	AG211594.603223.211664.603235.	354	2.6	0.	32.	30
84	1	"	AG211664.603235.211775.603212.	354	2.6	0.	32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	2037	3.8	0.	44.	61
86	1	"	AG209400.604253.208836.604494.	2037	3.8	0.	44.	61
87	1	"	AG208836.604494.208166.604895.	2037	3.8	0.	44.	61
88	1	"	AG208166.604895.207724.605289.	2037	3.8	0.	44.	61
89	1	I-270 SB	AG207646.605231.208105.604843.	3226	3.7	0.	44.	58
90	1	"	AG208105.604843.208804.604420.	3226	3.7	0.	44.	58
91	1	"	AG208804.604420.209380.604177.	3226	3.7	0.	44.	58
92	1	"	AG209380.604177.210495.603858.	3226	3.7	0.	44.	58
93	1	I-270 NB	AG207724.605289.207503.605510.	2037	3.8	0.	44.	61
94	1	"	AG207503.605510.207122.605997					

JOB: EX FINGERBOARD RD(S25EXA.DAT)
DATE: 12/14/2006 TIME: 13:54:11.56

RUN: SITE 25 EX FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	212123.0	602857.0	211994.0	603067.0	246.	328. AG	1955.	3.8	.0	44.0		
2. 2 "	211994.0	603067.0	211815.0	603289.0	285.	321. AG	1955.	3.8	.0	44.0		
3. 3 "	211815.0	603289.0	211559.0	603515.0	341.	311. AG	1955.	3.8	.0	44.0		
4. 4 "	211559.0	603515.0	211253.0	603705.0	360.	302. AG	1955.	3.8	.0	44.0		
5. 5 "	211253.0	603705.0	210964.0	603808.0	307.	290. AG	1852.	3.8	.0	44.0		
6. 6 "	210964.0	603808.0	210632.0	603909.0	347.	287. AG	1852.	3.8	.0	44.0		
7. 7 "	210632.0	603909.0	210521.0	603943.0	116.	287. AG	2037.	3.8	.0	44.0		
8. 8 NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	155.	305. AG	103.	2.6	.0	32.0		
9. 9 "	211126.0	603793.0	211096.0	603870.0	83.	339. AG	103.	2.6	.0	32.0		
10. 10 "	211096.0	603870.0	211099.0	603928.0	58.	3. AG	103.	2.6	.0	32.0		
11. 11 "	211099.0	603928.0	211132.0	603985.0	66.	30. AG	103.	2.6	.0	32.0		
12. 12 "	211132.0	603985.0	211202.0	604026.0	81.	60. AG	103.	2.6	.0	32.0		
13. 13 "	211202.0	604026.0	211506.0	604039.0	304.	88. AG	103.	2.6	.0	32.0		
14. 14 "	211506.0	604039.0	211574.0	604009.0	74.	114. AG	103.	2.6	.0	32.0		
15. 15 "	211574.0	604009.0	211619.0	603949.0	75.	143. AG	103.	2.6	.0	32.0		
16. 16 NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	154.	151. AG	86.	2.6	.0	44.0		
17. 17 " Q	211678.0	603844.0	211674.1	603851.0	8.	331. AG	103.	100.0	.0	24.0	.32	.4
18. 18 NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	97.	178. AG	16.	2.6	.0	32.0		
19. 19 "	211622.0	603852.0	211576.0	603776.0	89.	211. AG	16.	2.6	.0	32.0		
20. 20 " Q	211581.0	603783.0	211581.1	603783.2	0.	29. AG	52.	100.0	.0	12.0	.01	.0
21. 21 "	211576.0	603776.0	211500.0	603713.0	99.	230. AG	21.	2.6	.0	32.0		
22. 22 I-270 SB	210496.0	603858.0	210975.0	603725.0	497.	106. AG	3226.	3.7	.0	44.0		
23. 23 "	210975.0	603725.0	211238.0	603621.0	283.	112. AG	3226.	3.7	.0	44.0		
24. 24 "	211238.0	603621.0	211517.0	603438.0	334.	123. AG	3226.	3.7	.0	44.0		
25. 25 "	211517.0	603438.0	211675.0	603313.0	201.	128. AG	2868.	3.7	.0	44.0		
26. 26 "	211675.0	603313.0	211775.0	603212.0	142.	135. AG	2868.	3.7	.0	44.0		
27. 27 "	211775.0	603212.0	212061.0	603212.0	492.	144. AG	3222.	3.7	.0	44.0		
28. 28 270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	113.	157. AG	358.	2.6	.0	32.0		
29. 29 "	211562.0	603334.0	211547.0	603254.0	81.	191. AG	358.	2.6	.0	32.0		
30. 30 "	211547.0	603254.0	211495.0	603196.0	78.	222. AG	358.	2.6	.0	32.0		
31. 31 "	211495.0	603196.0	211437.0	603174.0	62.	249. AG	358.	2.6	.0	32.0		
32. 32 "	211437.0	603174.0	211134.0	603171.0	303.	269. AG	358.	2.6	.0	32.0		
33. 33 "	211134.0	603171.0	211056.0	603197.0	82.	288. AG	358.	2.6	.0	32.0		
34. 34 "	211056.0	603197.0	211000.0	603280.0	100.	326. AG	358.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	211000.0	603280.0	210939.0	603387.0	123.	330. AG	57.	2.8	.0	32.0		
36. 36 NB80RMLPT	210952.0	603364.0	210952.2	603363.6	0.	151. AG	62.	100.0	.0	12.0	.01	.0
37. 37 SB OFFSPLIT T080	211000.0	603280.0	211006.0	603365.0	85.	4. AG	301.	2.8	.0	32.0		
38. 38 "	211006.0	603365.0	211042.0	603414.0	61.	36. AG	301.	2.6	.0	32.0		
39. 39 "	211039.0	603409.0	211038.8	603408.7	0.	218. AG	62.	100.0	.0	12.0	.01	.0
40. 40 "	211042.0	603414.0	211180.0	603518.0	173.	53. AG	301.	2.6	.0	32.0		
41. 41 WB 80	212296.0	604166.0	211969.0	603976.0	378.	240. AG	486.	2.6	.0	44.0		
42. 42 "	211969.0	603976.0	211863.0	603927.0	117.	245. AG	486.	2.6	.0	44.0		
43. 43 RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	104.	255. AG	136.	2.6	.0	32.0		
44. 44 "	211763.0	603900.0	211658.0	603923.0	107.	282. AG	136.	2.9	.0	32.0		

JOB: EX FINGERBOARD RD(S25EXA.DAT)
DATE: 12/14/2006 TIME: 13:54:11.56

RUN: SITE 25 EX FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	211700.0	603914.0	211700.0	603914.0	0.	70. AG	4.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	211658.0	603923.0	211599.0	604013.0	108.	327. AG	184.	2.6	.0	32.0		
47. 47 I-270 NB ON	211599.0	604013.0	211532.0	604055.0	79.	302. AG	184.	2.6	.0	32.0		
48. 48 "	211532.0	604055.0	211438.0	604062.0	94.	274. AG	184.	2.6	.0	32.0		
49. 49 "	211438.0	604062.0	211206.0	604048.0	232.	267. AG	184.	2.6	.0	32.0		
50. 50 "	211206.0	604048.0	211148.0	604025.0	62.	248. AG	184.	2.6	.0	32.0		
51. 51 "	211148.0	604025.0	211083.0	603964.0	89.	227. AG	184.	2.6	.0	32.0		
52. 52 "	211083.0	603964.0	211022.0	603890.0	96.	219. AG	184.	2.6	.0	32.0		
53. 53 "	211022.0	603890.0	210965.0	603858.0	65.	241. AG	184.	2.6	.0	32.0		
54. 54 "	210965.0	603858.0	210905.0	603856.0	60.	268. AG	184.	2.6	.0	32.0		
55. 55 "	210905.0	603856.0	210632.0	603909.0	278.	281. AG	184.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	211863.0	603927.0	211704.0	603824.0	189.	237. AG	345.	2.6	.0	32.0		
57. 57 "	211726.0	603838.0	211840.6	603912.0	136.	57. AG	36.	100.0	.0	12.0	1.00	6.9
58. 58 80WB TO SB OFF	211704.0	603824.0	211500.0	603713.0	232.	241. AG	371.	2.6	.0	32.0		
59. 59 "	211500.0	603713.0	210937.0	603394.0	647.	240. AG	371.	2.9	.0	32.0		
60. 60 " Q	210962.0	603409.0	210962.0	603409.0	0.	70. AG	4.	100.0	.0	12.0	.00	.0
61. 61 80 WB	210937.0	603394.0	210562.0	603186.0	429.	241. AG	371.	2.6	.0	32.0		
62. 62 80EB NEAR SB RP	210570.0	603172.0	210667.0	603227.0	112.	60. AG	265.	2.6	.0	44.0		
63. 63 "	210667.0	603227.0	210778.0	603284.0	125.	63. AG	265.	2.6	.0	44.0		
64. 64 "	210778.0	603284.0	210850.0	603300.0	74.	77. AG	111.	2.6	.0	44.0		
65. 65 "	210850.0	603300.0	210918.0	603294.0	68.	95. AG	111.	2.8	.0	44.0		
66. 66 80EB @ SB RP RT	210907.0	603295.0	210907.0	603295.0	0.	250. AG	17.	100.0	.0	12.0	.00	.0
67. 67 "	210918.0	603294.0	210980.0	603262.0	70.	117. AG	111.	2.6	.0	44.0		
68. 68 80EB @ SB RP TL	210778.0	603284.0	210830.0	603323.0	65.	53. AG	154.	2.6	.0	44.0		
69. 69 "	210830.0	603323.0	210939.0	603387.0	126.	60. AG	154.	2.8	.0	44.0		
70. 70 " Q	210915.0	603373.0	210915.0	603373.0	0.	250. AG	78.	100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	210939.0	603387.0	211180.0	603518.0	274.	61. AG	430.	2.6	.0	44.0		
72. 72 "	211180.0	603518.0	211557.0	603727.0	431.	61. AG	430.	2.6	.0	44.0		
73. 73 "	211557.0	603727.0	211989.0	603968.0	495.	61. AG	430.	2.6	.0	44.0		
74. 70 eb left Q	210915.0	603373.0	210911.3	603370.9	4.	240. AG	27.	100.0	.0	12.0	.11	.2
75. 70 eb thru Q	210915.0	603373.0	210891.7	603359.5	27.	240. AG	73.	100.0	.0	24.0	.61	1.4
76. 74 80 EB	211989.0	603968.0	212305.0	604152.0	366.	60. AG	467.	2.6	.0	44.0		
77. 75 80 ON TO 270SB	210980.0	603262.0	211024.0	603189.0	85.	149. AG	354.	2.6	.0	32.0		
78. 76 "	211024.0	603189.0	211087.0	603149.0	75.	122. AG	354.	2.6	.0	32.0		
79. 77 "	211087.0	603149.0	211145.0	603140.0	59.	99. AG	354.	2.6	.0	32.0		
80. 78 "	211145.0	603140.0	211440.0	603144.0	295.	89. AG	354.	2.6	.0	32.0		

S25EXA.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	354.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	354.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	354.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	354.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2037.	3.8	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2037.	3.8	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2037.	3.8	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2037.	3.8	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	3226.	3.7	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	3226.	3.7	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	3226.	3.7	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	3226.	3.7	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2037.	3.8	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2037.	3.8	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2037.	3.8	.0	44.0

1

PAGE 3

JOB: EX FINGERBOARD RD(S25EXA.DAT) RUN: SITE 25 EX FINGERBOARD RDAM
DATE: 12/14/2006 TIME: 13:54:11.56

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	546.	146. AG	3226.	3.7	.0	44.0	
97. 95 "	*	206943.0 606090.0 207418.0	790.	143. AG	3226.	3.7	.0	44.0	
98. 96 "	*	207418.0 605459.0 207644.0	322.	136. AG	3226.	3.7	.0	44.0	

1

PAGE 4

JOB: EX FINGERBOARD RD(S25EXA.DAT) RUN: SITE 25 EX FINGERBOARD RDAM
DATE: 12/14/2006 TIME: 13:54:11.56

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	50	34	4.0	86	681	28.30	1	3
20. 20 " Q	50	34	4.0	1	750	28.30	1	3
36. 36 " NB80RMLT	90	73	2.0	1	750	28.30	1	3
39. 39 " Q	90	73	2.0	1	750	28.30	1	3
45. 45 " Q	90	5	2.0	1	750	28.30	1	3
57. 57 " Q	50	24	4.0	345	863	28.30	1	3
60. 60 " Q	90	5	2.0	1	750	28.30	1	3
66. 66 80EB @ SB RP RT	90	5	2.0	1	1750	115.70	3	3
70. 70 " Q	90	5	2.0	2	1750	263.10	1	3
74. 70 eb left Q	50	18	4.0	44	770	28.30	1	3
75. 70 eb thru Q	50	24	4.0	411	846	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. S25 RES.	*	207073.0 605797.0	5.0	*

1

PAGE 5

JOB: EX FINGERBOARD RD(S25EXA.DAT) RUN: SITE 25 EX FINGERBOARD RDAM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.3
5.	*	.3
10.	*	.3
15.	*	.2
20.	*	.3
25.	*	.3
30.	*	.3
35.	*	.3
40.	*	.3
45.	*	.3
50.	*	.3
55.	*	.3
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.3
85.	*	.3
90.	*	.3
95.	*	.3
100.	*	.3
105.	*	.3
110.	*	.3
115.	*	.3
120.	*	.3
125.	*	.2
130.	*	.2
135.	*	.2
140.	*	.1
145.	*	.1
150.	*	.0

S25EXA.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: EX FINGERBOARD RD(S25EXA.DAT)

RUN: SITE 25 EX FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .1
325. * .2
330. * .2
335. * .3
340. * .4
345. * .4
350. * .3
355. * .3
360. * .3
-----*-----
MAX * .4
DEGR. * 340

THE HIGHEST CONCENTRATION IS .40 PPM AT 340 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX FINGERBOARD RD(S25EXA.DAT)
DATE: 12/14/2006 TIME: 13:54:11.56

RUN: SITE 25 EX FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 340
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S25EXA.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: EX FINGERBOARD RD(S25EXA.DAT)

RUN: SITE 25 EX FINGERBOARD RDAM

PAGE 8

		CO/LINK (PPM)
		ANGLE (DEGREES)
LINK #	REC1	
	340	
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.0
86	*	.0
87	*	.0
88	*	.0
89	*	.0
90	*	.0
91	*	.0
92	*	.0
93	*	.0
94	*	.0
95	*	.1
96	*	.1
97	*	.2
98	*	.0

EX FINGERBOARD RD(S25EXP.DAT)		60.0175.0.0000.000010.30480000		S25EXP.DAT		11		1	
S25 RES.		207073. 605797. 5.0							
SITE 25 FINGERBOARD RD		PM		98 1 1					
1	I-270 NB	AG212123.602857.211994.603067.	3556 3.6 0. 44.	55.5					
2	"	AG211994.603067.211815.603289.	3556 3.6 0. 44.	55.5					
3	"	AG211815.603289.211559.603515.	3556 3.6 0. 44.	55.5					
4	"	AG211559.603515.211253.603705.	3556 3.6 0. 44.	55.5					
5	"	AG211253.603705.210964.603808.	3186 3.6 0. 44.	55.5					
6	"	AG210964.603808.210632.603909.	3186 3.6 0. 44.	55.5					
7	"	AG210632.603909.210521.603943.	3470 3.6 0. 44.	55.5					
8	NB OFF TO 80	AG211253.603705.211126.603793.	370 2.6 0. 32.	30					
9	"	AG211126.603793.211096.603870.	370 2.6 0. 32.	30					
10	"	AG211096.603870.211099.603928.	370 2.6 0. 32.	30					
11	"	AG211099.603928.211132.603985.	370 2.6 0. 32.	30					
12	"	AG211132.603985.211202.604026.	370 2.6 0. 32.	30					
13	"	AG211202.604026.211506.604039.	370 2.6 0. 32.	30					
14	"	AG211506.604039.211574.604009.	370 2.6 0. 32.	30					
15	"	AG211574.604009.211619.603949.	370 2.6 0. 32.	30					
16	NB OFF LEFT	AG211619.603949.211694.603814.	317 2.6 0. 44.	30					
17	"	Q AG211678.603844.211643.603906.	0. 24. 2						
18	NB OFF RIGHT	AG211619.603949.211622.603852.	53 2.6 0. 32.	30					
19	"	AG211622.603852.211576.603776.	53 2.6 0. 32.	30					
20	"	Q AG211581.603783.211619.603846.	0. 12. 1						
21	"	AG211576.603776.211500.603713.	58 2.6 0. 32.	30					
22	I-270 SB	AG210496.603858.210975.603725.	2194 3.8 0. 44.	61.					
23	"	AG210975.603725.211238.603621.	2194 3.8 0. 44.	61.					
24	"	AG211238.603621.211517.603438.	2194 3.8 0. 44.	61.					
25	"	AG211517.603438.211675.603313.	1992 3.8 0. 44.	61.					
26	"	AG211675.603313.211775.603212.	1992 3.8 0. 44.	61.					
27	"	AG211775.603212.212061.602812.	2214 3.8 0. 44.	61.					
28	270SB OFF TO 80	AG211517.603438.211562.603334.	202 2.6 0. 32.	30					
29	"	AG211562.603334.211547.603254.	202 2.6 0. 32.	30					
30	"	AG211547.603254.211495.603196.	202 2.6 0. 32.	30					
31	"	AG211495.603196.211437.603174.	202 2.6 0. 32.	30					
32	"	AG211437.603174.211134.603171.	202 2.6 0. 32.	30					
33	"	AG211134.603171.211056.603197.	202 2.6 0. 32.	30					
34	"	AG211056.603197.211000.603280.	202 2.6 0. 32.	30					
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	52 2.8 0. 32.	15					
36	NB80RMLPT	AG210952.603364.210991.603296.	0. 12. 1						
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	150 2.8 0. 32.	15					
38	"	AG211006.603365.211042.603414.	150 2.6 0. 32.	30					
39	"	AG211039.603409.211008.603368.	0. 12. 1						
40	"	AG211042.603414.211180.603518.	150 2.6 0. 32.	30					
41	WB 80	AG212296.604166.211969.603976.	558 2.6 0. 44.	35					
42	"	AG211969.603976.211863.603927.	558 2.6 0. 44.	35					
43	RT ON FR 80W	AG211863.603927.211763.603900.	145 2.6 0. 32.	35					
44	"	AG211763.603900.211658.603923.	145 2.6 0. 32.	17					
45	"	AG211700.603914.211755.603901.	0. 12. 1						
46	80 ON TO NB270	AG211658.603923.211599.604013.	259 2.6 0. 32.	35					
47	I-270 NB ON	AG211599.604013.211532.604055.	259 2.6 0. 32.	30					
48	"	AG211532.604055.211438.604062.	259 2.6 0. 32.	30					
49	"	AG211438.604062.211206.604048.	259 2.6 0. 32.	30					

S25EXP.DAT

1					
50	"	AG211206.604048.211148.604025.	259 2.6	0. 32.	30
1					
51	"	AG211148.604025.211083.603964.	259 2.6	0. 32.	30
1					
52	"	AG211083.603964.211022.603890.	259 2.6	0. 32.	30
1					
53	"	AG211022.603890.210965.603858.	259 2.6	0. 32.	30
1					
54	"	AG210965.603858.210905.603856.	259 2.6	0. 32.	30
1					
55	"	AG210905.603856.210632.603909.	259 2.6	0. 32.	30
1					
56	80W THRU @NBOFF	AG211863.603927.211704.603824.	408 2.6	0. 32.	17
2					
57	"	AG211726.603838.211805.603889.	0. 12.	1	
58	58	32 4. 408 28.3 1863 2 3			
1					
58	80WB TO SBOFF	AG211704.603824.211500.603713.	466 2.6	0. 32.	35
1					
59	"	AG211500.603713.210937.603394.	491 2.8	0. 32.	17
2					
60	" Q	AG210962.603409.211025.603444.	0. 12.	1	
90	5	2. 1 28.3 1750 3 3			
1					
61	80 WB	AG210937.603394.210562.603186.	351 2.6	0. 32.	35
1					
62	80EB NEAR SB RP	AG210570.603172.210667.603227.	184 2.6	0. 44.	35
1					
63	"	AG210667.603227.210778.603284.	184 2.6	0. 44.	35
1					
64	"	AG210778.603284.210850.603300.	30 2.6	0. 44.	35
1					
65	"	AG210850.603300.210918.603294.	30 2.8	0. 44.	17
2					
66	80EB @ SB RP RT	AG210907.603295.210853.603299.	0. 12.	1	
90	5	2. 1 115.7 1750 3 3			
1					
67	"	AG210918.603294.210980.603262.	30 2.6	0. 44.	35
1					
68	80EB @ SB RP TL	AG210778.603284.210830.603323.	299 2.6	0. 44.	35
1					
69	"	AG210830.603323.210939.603387.	299 2.8	0. 44.	17
2					
70	" Q	AG210915.603373.210841.603330.	0. 24.	2	
90	5	2. 2 28.3 1750 1 3			
1					
71	80EB @ NB RP	AG210939.603387.211180.603518.	299 2.6	0. 44.	35
1					
72	"	AG211180.603518.211557.603727.	304 2.6	0. 44.	35
1					
73	"	AG211557.603727.211989.603968.	304 2.6	0. 44.	35
2					
70	eb left Q	AG210915.603373.210841.603330.	0. 12.	1	
58	23	4. 114 28.3 1770 2 3			
2					
70	eb thru Q	AG210915.603373.210841.603330.	0. 24.	2	
58	27	4. 190 28.3 1855 2 3			
1					
74	80 EB	AG211989.603968.212305.604152.	522 2.6	0. 44.	35
1					
75	80 ON TO 270SB	AG210980.603262.211024.603189.	222 2.6	0. 32.	30
1					
76	"	AG211024.603189.211087.603149.	222 2.6	0. 32.	30
1					
77	"	AG211087.603149.211145.603140.	222 2.6	0. 32.	30
1					
78	"	AG211145.603140.211440.603144.	222 2.6	0. 32.	30
1					
79	"	AG211440.603144.211499.603163.	222 2.6	0. 32.	30
1					
80	"	AG211499.603163.211594.603223.	222 2.6	0. 32.	30
1					
81	"	AG211594.603223.211664.603235.	222 2.6	0. 32.	30
1					
82	"	AG211664.603235.211775.603212.	222 2.6	0. 32.	30
1					
83	I-270 NB	AG210521.603943.209400.604253.	3470 3.6	0. 44.	56
1					
84	"	AG209400.604253.208836.604494.	3470 3.6	0. 44.	56
1					
85	"	AG208836.604494.208166.604895.	3470 3.6	0. 44.	56
1					
86	"	AG208166.604895.207724.605289.	3470 3.6	0. 44.	56
1					
87	I-270 SB	AG207646.605231.208105.604843.	2194 3.8	0. 44.	61
1					
88	"	AG208105.604843.208804.604420.	2194 3.8	0. 44.	61
1					
89	"	AG208804.604420.209380.604177.	2194 3.8	0. 44.	61
1					
90	"	AG209380.604177.210495.603858.	2194 3.8	0. 44.	61
1					
91	I-270 NB	AG207724.605289.207503.605510.	3470 3.6	0. 44.	56
1					
92	"	AG207503.605510.207122.605997.	3470 3.6	0. 44.	56
1					
93	"	AG207122.605997.206735.606587.	3470 3.6	0. 44.	56
1					
94	I-270 SB	AG206638.606543.206943.606090.	2194 3.8	0. 44.	61
1					
95	"	AG206943.606090.207418.605459.	2194 3.8	0. 44.	61
1					
96	"	AG207418.605459.207644.605229.	2194 3.8	0. 44.	61
1.0000041000.000.0Y005000072					

JOB: EX FINGERBOARD RD(S25EXP.DAT)
DATE: 12/14/2006 TIME: 13:54:37.43

RUN: SITE 25 FINGERBOARD RD PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		* X1	LINK COORDINATES (FT)			* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			Y1	X2										
1.	1	I-270 NB	212123.0	602857.0	211994.0	603067.0	*	246.	328.	AG	3556.	3.6	.0	44.0
2.	2	"	211994.0	603067.0	211815.0	603289.0	*	285.	321.	AG	3556.	3.6	.0	44.0
3.	3	"	211815.0	603289.0	211559.0	603515.0	*	341.	311.	AG	3556.	3.6	.0	44.0
4.	4	"	211559.0	603515.0	211253.0	603705.0	*	360.	302.	AG	3556.	3.6	.0	44.0
5.	5	"	211253.0	603705.0	210964.0	603808.0	*	307.	290.	AG	3186.	3.6	.0	44.0
6.	6	"	210964.0	603808.0	210632.0	603909.0	*	347.	287.	AG	3186.	3.6	.0	44.0
7.	7	"	210632.0	603909.0	210521.0	603943.0	*	116.	287.	AG	3470.	3.6	.0	44.0
8.	8	NB OFF TO 80	211253.0	603705.0	211126.0	603793.0	*	155.	305.	AG	370.	2.6	.0	32.0
9.	9	"	211126.0	603793.0	211096.0	603870.0	*	83.	339.	AG	370.	2.6	.0	32.0
10.	10	"	211096.0	603870.0	211099.0	603928.0	*	58.	3.	AG	370.	2.6	.0	32.0
11.	11	"	211099.0	603928.0	211132.0	603985.0	*	66.	30.	AG	370.	2.6	.0	32.0
12.	12	"	211132.0	603985.0	211202.0	604026.0	*	81.	60.	AG	370.	2.6	.0	32.0
13.	13	"	211202.0	604026.0	211506.0	604039.0	*	304.	88.	AG	370.	2.6	.0	32.0
14.	14	"	211506.0	604039.0	211574.0	604009.0	*	74.	114.	AG	370.	2.6	.0	32.0
15.	15	"	211574.0	604009.0	211619.0	603949.0	*	75.	143.	AG	370.	2.6	.0	32.0
16.	16	NB OFF LEFT	211619.0	603949.0	211694.0	603814.0	*	154.	151.	AG	317.	2.6	.0	44.0
17.	17	"	211678.0	603844.0	211638.9	603913.3	*	80.	331.	AG	99.	100.0	.0	24.0
18.	18	NB OFF RIGHT	211619.0	603949.0	211622.0	603852.0	*	97.	178.	AG	53.	2.6	.0	32.0
19.	19	"	211622.0	603852.0	211576.0	603776.0	*	89.	211.	AG	53.	2.6	.0	32.0
20.	20	"	211581.0	603783.0	211581.1	603783.2	*	0.	30.	AG	50.	100.0	.0	12.0
21.	21	"	211576.0	603776.0	211500.0	603713.0	*	99.	230.	AG	58.	2.6	.0	32.0
22.	22	I-270 SB	210496.0	603858.0	210975.0	603725.0	*	497.	106.	AG	2194.	3.8	.0	44.0
23.	23	"	210975.0	603725.0	211238.0	603621.0	*	283.	112.	AG	2194.	3.8	.0	44.0
24.	24	"	211238.0	603621.0	211517.0	603438.0	*	334.	123.	AG	2194.	3.8	.0	44.0
25.	25	"	211517.0	603438.0	211675.0	603313.0	*	201.	128.	AG	1992.	3.8	.0	44.0
26.	26	"	211675.0	603313.0	211775.0	603212.0	*	142.	135.	AG	1992.	3.8	.0	44.0
27.	27	"	211775.0	603212.0	212061.0	602812.0	*	492.	144.	AG	2214.	3.8	.0	44.0
28.	28	270SB OFF TO 80	211517.0	603438.0	211562.0	603334.0	*	113.	157.	AG	202.	2.6	.0	32.0
29.	29	"	211562.0	603334.0	211547.0	603254.0	*	81.	191.	AG	202.	2.6	.0	32.0
30.	30	"	211547.0	603254.0	211495.0	603196.0	*	78.	222.	AG	202.	2.6	.0	32.0
31.	31	"	211495.0	603196.0	211437.0	603174.0	*	62.	249.	AG	202.	2.6	.0	32.0
32.	32	"	211437.0	603174.0	211134.0	603171.0	*	303.	269.	AG	202.	2.6	.0	32.0
33.	33	"	211134.0	603171.0	211056.0	603197.0	*	82.	288.	AG	202.	2.6	.0	32.0
34.	34	"	211056.0	603197.0	211000.0	603280.0	*	100.	326.	AG	202.	2.6	.0	32.0
35.	35	SB OFFSPLIT T080*	211000.0	603280.0	210939.0	603387.0	*	123.	330.	AG	52.	2.8	.0	32.0
36.	36	NB80RMLPT	210952.0	603364.0	210952.2	603363.6	*	0.	151.	AG	62.	100.0	.0	12.0
37.	37	SB OFFSPLIT T080*	211000.0	603280.0	211006.0	603365.0	*	85.	4.	AG	150.	2.8	.0	32.0
38.	38	"	211006.0	603365.0	211042.0	603414.0	*	61.	36.	AG	150.	2.6	.0	32.0
39.	39	"	211039.0	603409.0	211038.8	603408.7	*	0.	218.	AG	62.	100.0	.0	12.0
40.	40	"	211042.0	603414.0	211180.0	603518.0	*	173.	53.	AG	150.	2.6	.0	32.0
41.	41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240.	AG	558.	2.6	.0	44.0
42.	42	"	211969.0	603976.0	211863.0	603927.0	*	117.	245.	AG	558.	2.6	.0	44.0
43.	43	RT ON FR 80W	211863.0	603927.0	211763.0	603900.0	*	104.	255.	AG	145.	2.6	.0	32.0
44.	44	"	211763.0	603900.0	211658.0	603923.0	*	107.	282.	AG	145.	2.6	.0	32.0

JOB: EX FINGERBOARD RD(S25EXP.DAT)
DATE: 12/14/2006 TIME: 13:54:37.43

RUN: SITE 25 FINGERBOARD RD PM

LINK VARIABLES

LINK DESCRIPTION		* X1	LINK COORDINATES (FT)		* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			Y1	X2									
45.	45 "	*	211700.0	603914.0	211700.0	603914.0	*	0.	70.	AG	7.	100.0	.0
46.	46 80 ON TO NB270	*	211658.0	603923.0	211599.0	604013.0	*	108.	327.	AG	259.	2.6	.0
47.	47 I-270 NB ON	*	211599.0	604013.0	211532.0	604055.0	*	79.	302.	AG	259.	2.6	.0
48.	48 "	*	211532.0	604055.0	211438.0	604062.0	*	94.	274.	AG	259.	2.6	.0
49.	49 "	*	211438.0	604062.0	211206.0	604048.0	*	232.	267.	AG	259.	2.6	.0
50.	50 "	*	211206.0	604048.0	211148.0	604025.0	*	62.	248.	AG	259.	2.6	.0
51.	51 "	*	211148.0	604025.0	211083.0	603964.0	*	89.	227.	AG	259.	2.6	.0
52.	52 "	*	211083.0	603964.0	211022.0	603890.0	*	96.	219.	AG	259.	2.6	.0
53.	53 "	*	211022.0	603890.0	210965.0	603858.0	*	65.	241.	AG	259.	2.6	.0
54.	54 "	*	210965.0	603858.0	210905.0	603856.0	*	60.	268.	AG	259.	2.6	.0
55.	55 "	*	210905.0	603856.0	210632.0	603909.0	*	278.	281.	AG	259.	2.6	.0
56.	56 80W THRU @NB OFF	*	211863.0	603927.0	211704.0	603824.0	*	189.	237.	AG	408.	2.6	.0
57.	57 "	*	211726.0	603838.0	212801.3	604532.3	*	1280.	57.	AG	42.	100.0	1.37 65.0
58.	58 80WB TO SBOFF	*	211704.0	603824.0	211500.0	603713.0	*	232.	241.	AG	466.	2.6	.0
59.	59 "	*	211500.0	603713.0	210937.0	603394.0	*	647.	240.	AG	491.	2.8	.0
60.	60 " Q	*	210962.0	603409.0	210962.0	603409.0	*	0.	70.	AG	4.	100.0	.0
61.	61 80 WB	*	210937.0	603394.0	210562.0	603186.0	*	429.	241.	AG	351.	2.6	.0
62.	62 80EB NEAR SB RP	*	210570.0	603172.0	210667.0	603227.0	*	112.	60.	AG	184.	2.6	.0
63.	63 "	*	210667.0	603227.0	210778.0	603284.0	*	125.	63.	AG	184.	2.6	.0
64.	64 "	*	210778.0	603284.0	210850.0	603300.0	*	74.	77.	AG	30.	2.6	.0
65.	65 "	*	210850.0	603300.0	210918.0	603294.0	*	68.	95.	AG	30.	2.8	.0
66.	66 80EB @ SB RP RT	*	210907.0	603295.0	210907.0	603295.0	*	0.	250.	AG	17.	100.0	.0
67.	67 "	*	210918.0	603294.0	210980.0	603262.0	*	70.	117.	AG	30.	2.6	.0
68.	68 80EB @ SB RP TL	*	210778.0	603284.0	210830.0	603323.0	*	65.	53.	AG	299.	2.6	.0
69.	69 "	*	210830.0	603323.0	210939.0	603387.0	*	126.	60.	AG	299.	2.8	.0
70.	70 " Q	*	210915.0	603373.0	210915.0	603373.0	*	0.	250.	AG	8.	100.0	.0
71.	71 80EB @ NB RP	*	210939.0	603387.0	211180.0	603518.0	*	274.	61.	AG	299.	2.6	.0
72.	72 "	*	211180.0	603518.0	211557.0	603727.0	*	431.	61.	AG	304.	2.6	.0
73.	73 "	*	211557.0	603727.0	211989.0	603968.0	*	495.	61.	AG	304.	2.6	.0
74.	74 eb left Q	*	210915.0	603373.0	210902.6	603365.8	*	14.	240.	AG	30.	100.0	.30 .7
75.	75 eb thru Q	*	210915.0	603373.0	210902.9	603366.0	*	14.	240.	AG	71.	100.0	.26 .7
76.	74 80 EB	*	211989.0	603968.0	212305.0	604152.0	*	366.	60.	AG	522.	2.6	.0
77.	75 80 ON TO 270SB	*	210980.0	603262.0	211024.0	603189.0	*	85.	149.	AG	222.	2.6	.0
78.	76 "	*	211024.0	603189.0	211087.0	603149.0	*	75.	122.	AG	222.	2.6	.0
79.	77 "	*	211087.0	603149.0	211145.0	603140.0	*	59.	99.	AG	222.	2.6	.0
80.	78 "	*	211145.0	603140.0	211440.0	603144.0	*	295.	89.	AG	222.	2.6	.0

S25EXP.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	222.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	222.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	222.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	222.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3470.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3470.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3470.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3470.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2194.	3.8	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2194.	3.8	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2194.	3.8	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2194.	3.8	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3470.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3470.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3470.	3.6	.0	44.0

1

PAGE 3

JOB: EX FINGERBOARD RD(S25EXP.DAT)
DATE: 12/14/2006 TIME: 13:54:37.43

RUN: SITE 25 FINGERBOARD RD PM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	546.	146. AG	2194.	3.8	.0	44.0	
97. 95 "	*	206943.0 606090.0 207418.0	790.	143. AG	2194.	3.8	.0	44.0	
98. 96 "	*	207418.0 605459.0 207644.0	322.	136. AG	2194.	3.8	.0	44.0	

1

PAGE 4

JOB: EX FINGERBOARD RD(S25EXP.DAT)
DATE: 12/14/2006 TIME: 13:54:37.43

RUN: SITE 25 FINGERBOARD RD PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	58	38	4.0	317	685	28.30	1	3
20. 20 " Q	58	38	4.0	1	750	28.30	1	3
36. 36 " NB80RMLT	90	73	2.0	1	750	28.30	1	3
39. 39 " Q	90	73	2.0	1	750	28.30	1	3
45. 45 " Q	58	5	2.0	1	750	28.30	1	3
57. 57 " Q	58	32	4.0	408	863	28.30	1	3
60. 60 " Q	90	5	2.0	1	750	28.30	1	3
66. 66 80EB @ SB RP RT	90	5	2.0	1	1750	115.70	3	3
70. 70 " Q	90	5	2.0	2	750	28.30	1	3
74. 70 eb left Q	58	23	4.0	114	770	28.30	1	3
75. 70 eb thru Q	58	27	4.0	190	855	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. S25 RES.	*	207073.0 605797.0	5.0	*

1

PAGE 5

JOB: EX FINGERBOARD RD(S25EXP.DAT)

RUN: SITE 25 FINGERBOARD RD PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.3
5.	*	.3
10.	*	.4
15.	*	.4
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.2
75.	*	.2
80.	*	.2
85.	*	.2
90.	*	.3
95.	*	.3
100.	*	.3
105.	*	.3
110.	*	.3
115.	*	.3
120.	*	.3
125.	*	.3
130.	*	.2
135.	*	.1
140.	*	.1
145.	*	.1
150.	*	.0

S25EXP.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: EX FINGERBOARD RD(S25EXP.DAT)

RUN: SITE 25 FINGERBOARD RD PM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .1
330. * .3
335. * .3
340. * .3
345. * .2
350. * .3
355. * .3
360. * .3
-----*-----
MAX * .4
DEGR. * 10

THE HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: EX FINGERBOARD RD(S25EXP.DAT)
DATE: 12/14/2006 TIME: 13:54:37.43

RUN: SITE 25 FINGERBOARD RD PM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 10
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S25EXP.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: EX FINGERBOARD RD(S25EXP.DAT)

RUN: SITE 25 FINGERBOARD RD PM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.0
86	*	.0
87	*	.0
88	*	.0
89	*	.0
90	*	.0
91	*	.0
92	*	.0
93	*	.0
94	*	.1
95	*	.1
96	*	.0
97	*	.2
98	*	.0

NB FINGERBOARD RD(S25NB15A.DAT)		60.0175.0.0000.000010.30480000		S25NB15A.DAT		11		1	
S25 RES.		207073.		605797.		5.0			
SITE 25 NB FINGERBOARD RDM		98		1		1			
1	I-270 NB	AG212123.602857.211994.603067.	1825	4.3	0.	44.	58		
2	"	AG211994.603067.211815.603289.	1825	4.3	0.	44.	58		
3	"	AG211815.603289.211559.603515.	1825	4.3	0.	44.	58		
4	"	AG211559.603515.211253.603705.	1825	4.3	0.	44.	58		
5	"	AG211253.603705.210964.603808.	1825	4.3	0.	44.	58		
6	"	AG210964.603808.210632.603909.	1825	4.3	0.	44.	58		
7	"	AG210632.603909.210521.603943.	1825	4.3	0.	44.	58		
8	NB OFF TO 80	AG211253.603705.211126.603793.	175	3.0	0.	32.	30		
9	"	AG211126.603793.211096.603870.	175	3.0	0.	32.	30		
10	"	AG211096.603870.211099.603928.	175	3.0	0.	32.	30		
11	"	AG211099.603928.211132.603985.	175	3.0	0.	32.	30		
12	"	AG211132.603985.211202.604026.	175	3.0	0.	32.	30		
13	"	AG211202.604026.211506.604039.	175	3.0	0.	32.	30		
14	"	AG211506.604039.211574.604009.	175	3.0	0.	32.	30		
15	"	AG211574.604009.211619.603949.	175	3.0	0.	32.	30		
16	NB OFF LEFT	AG211619.603949.211694.603814.	150	3.0	0.	44.	30		
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	25	3.0	0.	32.	30		
19	"	AG211622.603852.211576.603776.	25	3.0	0.	32.	30		
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	25	3.0	0.	32.	30		
22	I-270 SB	AG210496.603858.210975.603725.	3475	3.1	0.	44.	35		
23	"	AG210975.603725.211238.603621.	3475	3.1	0.	44.	35		
24	"	AG211238.603621.211517.603438.	3475	3.1	0.	44.	35		
25	"	AG211517.603438.211675.603313.	3475	3.1	0.	44.	35		
26	"	AG211675.603313.211775.603212.	3475	3.1	0.	44.	35		
27	"	AG211775.603212.212061.602812.	3475	3.1	0.	44.	35		
28	270SB OFF TO 80	AG211517.603438.211562.603334.	1200	3.0	0.	32.	30		
29	"	AG211562.603334.211547.603254.	1200	3.0	0.	32.	30		
30	"	AG211547.603254.211495.603196.	1200	3.0	0.	32.	30		
31	"	AG211495.603196.211437.603174.	1200	3.0	0.	32.	30		
32	"	AG211437.603174.211134.603171.	1200	3.0	0.	32.	30		
33	"	AG211134.603171.211056.603197.	1200	3.0	0.	32.	30		
34	"	AG211056.603197.211000.603280.	1200	3.0	0.	32.	30		
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	425	3.0	0.	32.	30		
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.0	0.	32.	30		
38	"	AG211006.603365.211042.603414.	1	3.0	0.	32.	30		
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	1	3.0	0.	32.	30		
41	WB 80	AG212296.604166.211969.603976.	750	3.3	0.	44.	40		
42	"	AG211969.603976.211863.603927.	750	3.3	0.	44.	40		
43	RT ON FR 80W	AG211863.603927.211763.603900.	525	3.3	0.	44.	40		
44	"	AG211763.603900.211658.603923.	525	3.3	0.	44.	40		
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	525	3.3	0.	44.	40		
47	I-270 NB ON	AG211599.604013.211532.604055.	525	3.0	0.	32.	30		
48	"	AG211532.604055.211438.604062.	525	3.0	0.	32.	30		
49	"	AG211438.604062.211206.604048.	525	3.0	0.	32.	30		

50	1	"	AG211206.604048.211148.604025.	525	3.0	0.32.	30
51	1	"	AG211148.604025.211083.603964.	525	3.0	0.32.	30
52	1	"	AG211083.603964.211022.603890.	525	3.0	0.32.	30
53	1	"	AG211022.603890.210965.603858.	525	3.0	0.32.	30
54	1	"	AG210965.603858.210905.603856.	525	3.0	0.32.	30
55	1	"	AG210905.603856.210632.603909.	525	3.0	0.32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	325	3.0	0.32.	17
57	1	"	AG211726.603838.211805.603889.	0.	12.	1	
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	350	3.3	0.44.	40
59	2	"	AG211500.603713.210937.603394.	425	3.3	0.44.	40
60	1	" Q	AG210962.603409.211025.603444.	0.	12.	1	
61	1	80 WB	AG210937.603394.210562.603186.	475	3.3	0.44.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	450	3.3	0.44.	40
63	1	"	AG210667.603227.210778.603284.	450	3.3	0.44.	40
64	1	"	AG210778.603284.210850.603300.	450	11.5	0.44.	35
65	1	"	AG210850.603300.210918.603294.	450	3.3	0.44.	40
66	2	80EB @ SB RP RT	AG210907.603295.210853.603299.	0.	12.	1	
67	1	"	AG210918.603294.210980.603262.	450	3.3	0.44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	350	3.3	0.44.	40
69	2	"	AG210830.603323.210939.603387.	350	3.3	0.44.	40
70	1	" Q	AG210915.603373.210841.603330.	0.	24.	2	
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	1225	3.3	0.44.	40
72	1	"	AG211180.603518.211557.603727.	1225	3.3	0.44.	40
73	1	"	AG211557.603727.211989.603968.	1225	3.3	0.44.	40
74	2	eb r Q	AG210915.603373.210841.603330.	0.	12.	1	
75	2	eb thru Q	AG210915.603373.210841.603330.	0.	24.	2	
76	1	80 EB	AG211989.603968.212305.604152.	1275	3.3	0.44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	400	3.0	0.32.	30
78	1	"	AG211024.603189.211087.603149.	400	3.0	0.32.	30
79	1	"	AG211087.603149.211145.603140.	400	3.0	0.32.	30
80	1	"	AG211145.603140.211440.603144.	400	3.0	0.32.	30
81	1	"	AG211440.603144.211499.603163.	400	3.0	0.32.	30
82	1	"	AG211499.603163.211594.603223.	400	3.0	0.32.	30
83	1	"	AG211594.603223.211664.603235.	400	3.0	0.32.	30
84	1	"	AG211664.603235.211775.603212.	400	3.0	0.32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	2175	4.2	0.44.	56
86	1	"	AG209400.604253.208836.604494.	2175	4.2	0.44.	56
87	1	"	AG208836.604494.208166.604895.	2175	4.2	0.44.	56
88	1	"	AG208166.604895.207724.605289.	2175	4.2	0.44.	56
89	1	I-270 SB	AG207646.605231.208105.604843.	4775	3.1	0.44.	35
90	1	"	AG208105.604843.208804.604420.	4775	3.1	0.44.	35
91	1	"	AG208804.604420.209380.604177.	4775	3.1	0.44.	35
92	1	"	AG209380.604177.210495.603858.	4775	3.1	0.44.	35
93	1	I-270 NB	AG207724.605289.207503.605510.	2175	4.2	0.44.	56
94	1	"	AG207503.605510.207122.605997.	2175	4.2	0.44.	56
95	1	"	AG207122.605997.206735.606587.	2175	4.2	0.44.	56
96	1	I-270 SB	AG206638.606543.206943.				

JOB: NB FINGERBOARD RD(S25NB15A.DAT)
DATE: 01/19/2007 TIME: 23:24:49.15

RUN: SITE 25 NB FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	1825.	4.3	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	1825.	4.3	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	1825.	4.3	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	1825.	4.3	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	1825.	4.3	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	1825.	4.3	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	1825.	4.3	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	175.	3.0	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	175.	3.0	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	175.	3.0	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	175.	3.0	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	175.	3.0	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	175.	3.0	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	175.	3.0	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	175.	3.0	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	150.	3.0	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211655.4	603884.0	* 46.	331. AG	154.	100.0	.0	24.0	.48	2.3
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	25.	3.0	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	25.	3.0	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211588.9	603796.1	* 15.	31. AG	77.	100.0	.0	12.0	.17	.8
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	25.	3.0	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	3475.	3.1	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	3475.	3.1	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	3475.	3.1	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	3475.	3.1	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	3475.	3.1	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	3475.	3.1	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	1200.	3.0	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	1200.	3.0	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	1200.	3.0	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	1200.	3.0	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	1200.	3.0	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	1200.	3.0	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	1200.	3.0	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	425.	3.0	.0	32.0		
36. 36 NB80RMLT	* 210952.0	603364.0	211010.1	603262.9	* 117.	150. AG	58.	100.0	.0	12.0	.80	5.9
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.0	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	3.0	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	219. AG	58.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	3.0	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	750.	3.3	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	750.	3.3	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	525.	3.3	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	525.	3.3	.0	44.0		

JOB: NB FINGERBOARD RD(S25NB15A.DAT)
DATE: 01/19/2007 TIME: 23:24:49.15

RUN: SITE 25 NB FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.1	603913.9	* 0.	90. AG	29.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	525.	3.3	.0	44.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	525.	3.0	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	525.	3.0	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	525.	3.0	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	525.	3.0	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	525.	3.0	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	525.	3.0	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	525.	3.0	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	525.	3.0	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	525.	3.0	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	325.	3.0	.0	32.0		
57. 57 "	* 211726.0	603838.0	211764.8	603863.1	* 46.	57. AG	18.	100.0	.0	12.0	.23	2.3
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	350.	3.3	.0	44.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	425.	3.3	.0	44.0		
60. 60 " Q	* 210962.0	603409.0	210964.0	603410.1	* 2.	61. AG	1.	100.0	.0	12.0	.28	.1
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	475.	3.3	.0	44.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	450.	3.3	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	450.	3.3	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	450.	11.5	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	450.	3.3	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210850.6	603299.2	* 57.	274. AG	29.	100.0	.0	12.0	.39	2.9
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	450.	3.3	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	350.	3.3	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	350.	3.3	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210896.0	603361.9	* 22.	240. AG	59.	100.0	.0	24.0	.38	1.1
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	1225.	3.3	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	1225.	3.3	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	1225.	3.3	.0	44.0		
74. 74 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	250. AG	10.	100.0	.0	12.0	.00	.0
75. 75 eb thru Q	* 210915.0	603373.0	210871.6	603347.8	* 50.	240. AG	18.	100.0	.0	24.0	.52	2.5
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	1275.	3.3	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	400.	3.0	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	400.	3.0	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	400.	3.0	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	400.	3.0	.0	32.0		

S25NB15A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	400.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	400.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	400.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	400.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	2175.	4.2	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	2175.	4.2	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	2175.	4.2	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	2175.	4.2	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	4775.	3.1	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	4775.	3.1	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	4775.	3.1	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	4775.	3.1	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	2175.	4.2	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	2175.	4.2	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	2175.	4.2	.0	44.0

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)
DATE: 01/19/2007 TIME: 23:24:49.15

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	546.	146. AG	4775.	3.1	.0	44.0	
97. 95 "	*	206943.0 606090.0 207418.0	790.	143. AG	4775.	3.1	.0	44.0	
98. 96 "	*	207418.0 605459.0 207644.0	322.	136. AG	4775.	3.1	.0	44.0	

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)
DATE: 01/19/2007 TIME: 23:24:49.15

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	* 130	112	4.0	150	1681	33.40	2	3
20. 20 " Q	* 130	112	4.0	25	1583	33.40	2	3
36. 36 " NB80RMLT	* 70	45	2.0	425	1770	33.40	1	3
39. 39 " "	* 70	45	2.0	1	1750	33.40	3	3
45. 45 " "	* 70	23	2.0	1	1750	33.40	1	3
57. 57 " "	* 130	26	4.0	325	1863	33.40	2	3
60. 60 " Q	* 130	1	2.0	425	1583	33.40	3	3
66. 66 80EB @ SB RP RT	* 70	23	2.0	450	1863	33.40	3	3
70. 70 " Q	* 70	23	2.0	350	749	33.40	1	3
74. 70 eb r Q	* 130	15	4.0	1	712	33.40	2	3
75. 70 eb thru Q	* 130	15	4.0	1225	1405	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. S25 RES.	*	207073.0 605797.0	5.0	*

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.4
5.	*	.4
10.	*	.4
15.	*	.4
20.	*	.4
25.	*	.4
30.	*	.4
35.	*	.4
40.	*	.4
45.	*	.4
50.	*	.4
55.	*	.4
60.	*	.4
65.	*	.4
70.	*	.4
75.	*	.4
80.	*	.4
85.	*	.4
90.	*	.4
95.	*	.4
100.	*	.4
105.	*	.4
110.	*	.4
115.	*	.4
120.	*	.4
125.	*	.4
130.	*	.4
135.	*	.3
140.	*	.2
145.	*	.1
150.	*	.1

S25NB15A.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .1
325. * .2
330. * .2
335. * .4
340. * .4
345. * .5
350. * .4
355. * .4
360. * .4
-----*-----
MAX * .5
DEGR. * 345

THE HIGHEST CONCENTRATION IS .50 PPM AT 345 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)
DATE: 01/19/2007 TIME: 23:24:49.15

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 345
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S25NB15A.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S25NB15A.DAT)

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 8

CO/LINK (PPM)
ANGLE (DEGREES)
REC1
LINK # 345

46 * .0
47 * .0
48 * .0
49 * .0
50 * .0
51 * .0
52 * .0
53 * .0
54 * .0
55 * .0
56 * .0
57 * .0
58 * .0
59 * .0
60 * .0
61 * .0
62 * .0
63 * .0
64 * .0
65 * .0
66 * .0
67 * .0
68 * .0
69 * .0
70 * .0
71 * .0
72 * .0
73 * .0
74 * .0
75 * .0
76 * .0
77 * .0
78 * .0
79 * .0
80 * .0
81 * .0
82 * .0
83 * .0
84 * .0
85 * .0
86 * .0
87 * .0
88 * .0
89 * .0
90 * .0
91 * .0
92 * .0
93 * .0
94 * .0
95 * .1
96 * .1
97 * .3
98 * .0

NB FINGERBOARD RD(S25NB15P.DAT)		60.0175.0.0000.000010.30480000		S25NB15P.DAT		11		1	
S25 RES.		207073. 605797. 5.0							
SITE 25 NB FINGERBOARD RDP		98 1 1							
1	I-270 NB	AG212123.602857.211994.603067.	4150 3.1 0. 44.	35					
2	"	AG211994.603067.211815.603289.	4150 3.1 0. 44.	35					
3	"	AG211815.603289.211559.603515.	4150 3.1 0. 44.	35					
4	"	AG211559.603515.211253.603705.	4150 3.1 0. 44.	35					
5	"	AG211253.603705.210964.603808.	4150 3.1 0. 44.	35					
6	"	AG210964.603808.210632.603909.	4150 3.1 0. 44.	35					
7	"	AG210632.603909.210521.603943.	4150 3.1 0. 44.	35					
8	NB OFF TO 80	AG211253.603705.211126.603793.	300 3.0 0. 32.	30					
9	"	AG211126.603793.211096.603870.	300 3.0 0. 32.	30					
10	"	AG211096.603870.211099.603928.	300 3.0 0. 32.	30					
11	"	AG211099.603928.211132.603985.	300 3.0 0. 32.	30					
12	"	AG211132.603985.211202.604026.	300 3.0 0. 32.	30					
13	"	AG211202.604026.211506.604039.	300 3.0 0. 32.	30					
14	"	AG211506.604039.211574.604009.	300 3.0 0. 32.	30					
15	"	AG211574.604009.211619.603949.	300 3.0 0. 32.	30					
16	NB OFF LEFT	AG211619.603949.211694.603814.	225 3.0 0. 44.	30					
17	"	Q AG211678.603844.211643.603906.	0. 24. 2						
18	NB OFF RIGHT	AG211619.603949.211622.603852.	75 3.0 0. 32.	30					
19	"	AG211622.603852.211576.603776.	75 3.0 0. 32.	30					
20	"	Q AG211581.603783.211619.603846.	0. 12. 1						
21	"	AG211576.603776.211500.603713.	75 3.0 0. 32.	30					
22	I-270 SB	AG210496.603858.210975.603725.	2025 4.3 0. 44.	58					
23	"	AG210975.603725.211238.603621.	2025 4.3 0. 44.	58					
24	"	AG211238.603621.211517.603438.	2025 4.3 0. 44.	58					
25	"	AG211517.603438.211675.603313.	2025 4.3 0. 44.	58					
26	"	AG211675.603313.211775.603212.	2025 4.3 0. 44.	58					
27	"	AG211775.603212.212061.602812.	2025 4.3 0. 44.	58					
28	270SB OFF TO 80	AG211517.603438.211562.603334.	400 3.0 0. 32.	30					
29	"	AG211562.603334.211547.603254.	400 3.0 0. 32.	30					
30	"	AG211547.603254.211495.603196.	400 3.0 0. 32.	30					
31	"	AG211495.603196.211437.603174.	400 3.0 0. 32.	30					
32	"	AG211437.603174.211134.603171.	400 3.0 0. 32.	30					
33	"	AG211134.603171.211056.603197.	400 3.0 0. 32.	30					
34	"	AG211056.603197.211000.603280.	400 3.0 0. 32.	30					
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	100 3.0 0. 32.	30					
36	NB80RMLT	AG210952.603364.210991.603296.	0. 12. 1						
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1 3.0 0. 32.	30					
38	"	AG211006.603365.211042.603414.	1 3.0 0. 32.	30					
39	"	AG211039.603409.211008.603368.	0. 12. 1						
40	"	AG211042.603414.211180.603518.	1 3.0 0. 32.	30					
41	WB 80	AG212296.604166.211969.603976.	1125 3.3 0. 44.	40					
42	"	AG211969.603976.211863.603927.	1125 3.3 0. 44.	40					
43	RT ON FR 80W	AG211863.603927.211763.603900.	700 3.3 0. 44.	40					
44	"	AG211763.603900.211658.603923.	700 3.3 0. 44.	40					
45	"	AG211700.603914.211755.603901.	0. 12. 1						
46	80 ON TO NB270	AG211658.603923.211599.604013.	700 3.3 0. 44.	40					
47	I-270 NB ON	AG211599.604013.211532.604055.	700 3.0 0. 32.	30					
48	"	AG211532.604055.211438.604062.	700 3.0 0. 32.	30					
49	"	AG211438.604062.211206.604048.	700 3.0 0. 32.	30					

50	1	"	AG211206.604048.211148.604025.	700	3.0	0.	32.	30
51	1	"	AG211148.604025.211083.603964.	700	3.0	0.	32.	30
52	1	"	AG211083.603964.211022.603890.	700	3.0	0.	32.	30
53	1	"	AG211022.603890.210965.603858.	700	3.0	0.	32.	30
54	1	"	AG210965.603858.210905.603856.	700	3.0	0.	32.	30
55	1	"	AG210905.603856.210632.603909.	700	3.0	0.	32.	30
56	2	80W THRU @NB OFF	AG211863.603927.211704.603824.	575	3.0	0.	32.	17
57	1	" 90 29	AG211726.603838.211805.603889. 4. 575 33.4 1863 2 3	0.	12.	1		
58	1	80WB TO SB OFF	AG211704.603824.211500.603713.	650	3.3	0.	44.	40
59	2	"	AG211500.603713.210937.603394.	550	3.3	0.	44.	40
60	1	" Q 90	AG210962.603409.211025.603444. 1 2. 550 33.4 1583 3 3	0.	12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	575	3.3	0.	44.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	300	3.3	0.	44.	40
63	1	"	AG210667.603227.210778.603284.	300	3.3	0.	44.	40
64	1	"	AG210778.603284.210850.603300.	300	11.5	0.	44.	35
65	1	"	AG210850.603300.210918.603294.	300	3.3	0.	44.	40
66	2	80EB @ SB RP RT 60	AG210907.603295.210853.603299. 2. 300 33.4 1863 3 3	0.	12.	1		
67	1	"	AG210918.603294.210980.603262.	300	3.3	0.	44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	650	3.3	0.	44.	40
69	2	"	AG210830.603323.210939.603387.	650	3.3	0.	44.	40
70	1	" Q 60	AG210915.603373.210841.603330. 12 2. 650 33.4 1517 1 3	0.	24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	600	3.3	0.	44.	40
72	1	"	AG211180.603518.211557.603727.	600	3.3	0.	44.	40
73	1	"	AG211557.603727.211989.603968.	600	3.3	0.	44.	40
74	2	eb r 90 Q 16	AG210915.603373.210841.603330. 4. 1 33.4 712 2 3	0.	12.	1		
75	2	eb thru Q 90	AG210915.603373.210841.603330. 16 4. 600 33.4 1211 2 3	0.	24.	2		
76	1	80 EB	AG211989.603968.212305.604152.	675	3.3	0.	44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	200	3.0	0.	32.	30
78	1	"	AG211024.603189.211087.603149.	200	3.0	0.	32.	30
79	1	"	AG211087.603149.211145.603140.	200	3.0	0.	32.	30
80	1	"	AG211145.603140.211440.603144.	200	3.0	0.	32.	30
81	1	"	AG211440.603144.211499.603163.	200	3.0	0.	32.	30
82	1	"	AG211499.603163.211594.603223.	200	3.0	0.	32.	30
83	1	"	AG211594.603223.211664.603235.	200	3.0	0.	32.	30
84	1	"	AG211664.603235.211775.603212.	200	3.0	0.	32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	4550	3.1	0.	44.	35
86	1	"	AG209400.604253.208836.604494.	4550	3.1	0.	44.	35
87	1	"	AG208836.604494.208166.604895.	4550	3.1	0.	44.	35
88	1	"	AG208166.604895.207724.605289.	4550	3.1	0.	44.	35
89	1	I-270 SB	AG207646.605231.208105.604843.	2225	4.3	0.	44.	58
90	1	"	AG208105.604843.208804.604420.	2225	4.3	0.	44.	58
91	1	"	AG208804.604420.209380.604177.	2225	4.3	0.	44.	58
92	1	"	AG209380.604177.210495.603858.	2225	4.3	0.		

JOB: NB FINGERBOARD RD(S25NB15P.DAT)
DATE: 01/19/2007 TIME: 23:30:23.21

RUN: SITE 25 NB FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	4150.	3.1	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	4150.	3.1	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	4150.	3.1	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	4150.	3.1	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	4150.	3.1	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	4150.	3.1	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	4150.	3.1	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	300.	3.0	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	300.	3.0	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	300.	3.0	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	300.	3.0	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	300.	3.0	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	300.	3.0	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	300.	3.0	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	300.	3.0	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	225.	3.0	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211656.3	603882.4	* 44.	331. AG	143.	100.0	.0	24.0	.50	2.2
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	75.	3.0	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	75.	3.0	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211596.3	603808.3	* 30.	31. AG	72.	100.0	.0	12.0	.36	1.5
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	75.	3.0	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2025.	4.3	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2025.	4.3	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2025.	4.3	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2025.	4.3	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2025.	4.3	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	602812.0	* 492.	144. AG	2025.	4.3	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	400.	3.0	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	400.	3.0	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	400.	3.0	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	400.	3.0	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	400.	3.0	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	400.	3.0	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	400.	3.0	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	100.	3.0	.0	32.0		
36. 36 NB80RMLT	* 210952.0	603364.0	210964.5	603342.2	* 25.	150. AG	69.	100.0	.0	12.0	.34	1.3
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1. 3.0	.0	32.0			
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1. 3.0	.0	32.0			
39. 39 "	* 211039.0	603409.0	211038.8	603408.8	* 0.	218. AG	69.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1. 3.0	.0	32.0			
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1125.	3.3	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1125.	3.3	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	700.	3.3	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	700.	3.3	.0	44.0		

JOB: NB FINGERBOARD RD(S25NB15P.DAT)
DATE: 01/19/2007 TIME: 23:30:23.21

RUN: SITE 25 NB FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION			LINK COORDINATES (FT)		LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)		
*	X1	Y1	X2	Y2										*	
45. 45	"	* 211700.0	603914.0	211700.1	603914.0	*	0.	78.	AG	18.	100.0	.0	12.0	.00	.0
46. 46	80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	*	108.	327.	AG	700.	3.3	.0	44.0		
47. 47	I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	*	79.	302.	AG	700.	3.0	.0	32.0		
48. 48	"	* 211532.0	604055.0	211438.0	604062.0	*	94.	274.	AG	700.	3.0	.0	32.0		
49. 49	"	* 211438.0	604062.0	211206.0	604048.0	*	232.	267.	AG	700.	3.0	.0	32.0		
50. 50	"	* 211206.0	604048.0	211148.0	604025.0	*	62.	248.	AG	700.	3.0	.0	32.0		
51. 51	"	* 211148.0	604025.0	211083.0	603964.0	*	89.	227.	AG	700.	3.0	.0	32.0		
52. 52	"	* 211083.0	603964.0	211022.0	603890.0	*	96.	219.	AG	700.	3.0	.0	32.0		
53. 53	"	* 211022.0	603890.0	210965.0	603858.0	*	65.	241.	AG	700.	3.0	.0	32.0		
54. 54	"	* 210965.0	603858.0	210905.0	603856.0	*	60.	268.	AG	700.	3.0	.0	32.0		
55. 55	"	* 210905.0	603856.0	210632.0	603909.0	*	278.	281.	AG	700.	3.0	.0	32.0		
56. 56	80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	*	189.	237.	AG	575.	3.0	.0	32.0		
57. 57	"	* 211726.0	603838.0	211802.6	603887.5	*	91.	57.	AG	29.	100.0	.0	12.0	.51	4.6
58. 58	80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	*	232.	241.	AG	650.	3.3	.0	44.0		
59. 59	"	* 211500.0	603713.0	210937.0	603394.0	*	647.	240.	AG	550.	3.3	.0	44.0		
60. 60	" Q	* 210962.0	603409.0	210964.6	603410.4	*	3.	61.	AG	1. 100.0	.0	12.0	.37	.2	
61. 61	80 WB	* 210937.0	603394.0	210562.0	603186.0	*	429.	241.	AG	575.	3.3	.0	44.0		
62. 62	80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	*	112.	60.	AG	300.	3.3	.0	44.0		
63. 63	"	* 210667.0	603227.0	210778.0	603284.0	*	125.	63.	AG	300.	3.3	.0	44.0		
64. 64	"	* 210778.0	603284.0	210850.0	603300.0	*	74.	77.	AG	300.	11.5	.0	44.0		
65. 65	"	* 210850.0	603300.0	210918.0	603294.0	*	68.	95.	AG	300.	3.3	.0	44.0		
66. 66	80EB @ SB RP RT	* 210907.0	603295.0	210887.4	603296.4	*	20.	274.	AG	18. 100.0	.0	12.0	.22	1.0	
67. 67	"	* 210918.0	603294.0	210980.0	603262.0	*	70.	117.	AG	300.	3.3	.0	44.0		
68. 68	80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	*	65.	53.	AG	650.	3.3	.0	44.0		
69. 69	"	* 210830.0	603323.0	210939.0	603387.0	*	126.	60.	AG	650.	3.3	.0	44.0		
70. 70	" Q	* 210915.0	603373.0	210896.6	603362.3	*	21.	240.	AG	36.	100.0	.0	24.0	.29	1.1
71. 71	80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	*	274.	61.	AG	600.	3.3	.0	44.0		
72. 72	"	* 211180.0	603518.0	211557.0	603727.0	*	431.	61.	AG	600.	3.3	.0	44.0		
73. 73	"	* 211557.0	603727.0	211899.0	603968.0	*	495.	61.	AG	600.	3.3	.0	44.0		
74. 70	eb r Q	* 210915.0	603373.0	210914.9	603373.0	*	0.	242.	AG	16. 100.0	.0	12.0	.00	.0	
75. 70	eb thru Q	* 210915.0	603373.0	210892.3	603359.8	*	26.	240.	AG	32. 100.0	.0	24.0	.33	1.3	
76. 74	80 EB	* 211989.0	603968.0	212305.0	604152.0	*	366.	60.	AG	675.	3.3	.0	44.0		
77. 75	80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	*	85.	149.	AG	200.	3.0	.0	32.0		
78. 76	"	* 211024.0	603189.0	211087.0	603149.0	*	75.	122.	AG	200.	3.0	.0	32.0		
79. 77	"	* 211087.0	603149.0	211145.0	603140.0	*	59.	99.	AG	200.	3.0	.0	32.0		
80. 78	"	* 211145.0	603140.0	211440.0	603144.0	*	295.	89.	AG	200.	3.0	.0	32.0		

S25NB15P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	200.	3.0	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	200.	3.0	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	200.	3.0	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	200.	3.0	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	4550.	3.1	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	4550.	3.1	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	4550.	3.1	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	4550.	3.1	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2225.	4.3	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2225.	4.3	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2225.	4.3	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2225.	4.3	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	4550.	3.1	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	4550.	3.1	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	4550.	3.1	.0	44.0

1

PAGE 3

JOB: NB FINGERBOARD RD(S25NB15P.DAT)
DATE: 01/19/2007 TIME: 23:30:23.21

RUN: SITE 25 NB FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)	
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	2225.	4.3	.0 44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	2225.	4.3	.0 44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	2225.	4.3	.0 44.0

1

PAGE 4

JOB: NB FINGERBOARD RD(S25NB15P.DAT)
DATE: 01/19/2007 TIME: 23:30:23.21

RUN: SITE 25 NB FINGERBOARD RDPM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	72	4.0	225	1681	33.40	2 3
20. 20 " Q	*	90	72	4.0	75	1583	33.40	2 3
36. 36 " NB80RMLT	*	60	46	2.0	100	1770	33.40	1 3
39. 39 " Q	*	60	46	2.0	1	1750	33.40	3 3
45. 45 " Q	*	60	12	2.0	1	1750	33.40	1 3
57. 57 " Q	*	90	29	4.0	575	1863	33.40	2 3
60. 60 " Q	*	90	1	2.0	550	1583	33.40	3 3
66. 66 80EB @ SB RP RT	*	60	12	2.0	300	1863	33.40	3 3
70. 70 " Q	*	60	12	2.0	650	1517	33.40	1 3
74. 70 eb r Q	*	90	16	4.0	1	712	33.40	2 3
75. 70 eb thru Q	*	90	16	4.0	600	1211	33.40	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

PAGE 5

JOB: NB FINGERBOARD RD(S25NB15P.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.3
5.	*	.3
10.	*	.4
15.	*	.4
20.	*	.3
25.	*	.3
30.	*	.3
35.	*	.3
40.	*	.3
45.	*	.3
50.	*	.3
55.	*	.3
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.3
85.	*	.3
90.	*	.3
95.	*	.4
100.	*	.4
105.	*	.4
110.	*	.4
115.	*	.3
120.	*	.3
125.	*	.4
130.	*	.3
135.	*	.1
140.	*	.1
145.	*	.1
150.	*	.0

S25NB15P.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S25NB15P.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .2
330. * .3
335. * .3
340. * .3
345. * .4
350. * .4
355. * .4
360. * .3
-----*-----
MAX * .4
DEGR. * 10

THE HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S25NB15P.DAT)
DATE: 01/19/2007 TIME: 23:30:23.21

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 10
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S25NB15P.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S25NB15P.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.0
86	*	.0
87	*	.0
88	*	.0
89	*	.0
90	*	.0
91	*	.0
92	*	.0
93	*	.0
94	*	.1
95	*	.1
96	*	.0
97	*	.2
98	*	.0

		S25B115A											
B115AM FINGERBOARD RD		60.0175.0.0000.000010.30480000										11 1	
S25 RES.		207073. 605797. 5.0											
B115AM FINGERBOARD RD		98 1 1											
16	1	NB off RMPAG211619.603949.211694.603814.	175	3.0	0.	44.	30						
17	2	NB off RMPAG211678.603844.211643.603906.	0.	24.	2								
	130	112 3 175 33.4 1681 3 3											
18	1	NB off RMPAG211619.603949.211622.603852.	25	3.0	0.	32.	30						
	2	NB off RamAG211622.603852.211576.603776.	25	3.0	0.	32.	30						
20	2	NB off RamAG211581.603783.211619.603846.	0.	12.	1								
	130	112 3 25 33.4 1583 3 3											
20	1	NB off RamAG211576.603776.211500.603713.	25	3.0	0.	32.	30						
36	1	NB 80 ONRAAG211000.603280.210939.603387.	400	3.0	0.	32.	30						
43	1	NB on RMP AG211863.603927.211763.603900.	400	3.0	0.	32.	30						
	1	NB on RMP AG211763.603900.211658.603923.	400	3.0	0.	32.	30						
	2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1								
	130	1 3 400 33.4 1583 3 3											
	1	NB RMP WT8AG211863.603927.211704.603824.	325	3.0	0.	32.	30						
57	2	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1								
	130	27 3 325 33.4 1863 3 3											
	1	NB RMP E80AG211705.603811.211556.603727.	1225	3.0	0.	44.	61						
	2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2								
	130	16 5.0 1225 33.4 1404 3 3											
dp	1	NB RMP E80AG212302.604151.211707.603812.	1300	3.3	0.	44.	40						
	1	NB on RMP AG210486.603978.210661.603955.	500	3.0	0.	32.	61						
0	1	NB on RMP AG210661.603955.210810.603952.	500	3.0	0.	32.	61						
0	1	NB on RMP AG210810.603952.211023.603995.	500	3.0	0.	32.	61						
0	1	NB on RMP AG211023.603995.211207.604048.	500	3.0	0.	32.	61						
0	1	NB on RMP AG211207.604048.211523.604060.	500	3.0	0.	32.	61						
0	1	NB on RMP AG211523.604060.211609.604006.	500	3.0	0.	32.	61						
0	1	NB on RMP AG211609.604006.211660.603921.	500	3.0	0.	32.	61						
	1	NB RMP CirAG211376.603670.211303.603731.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211303.603731.211187.603798.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211187.603798.211149.603856.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211149.603856.211147.603933.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211147.603933.211199.604010.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211199.604010.211306.604034.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211306.604034.211515.604036.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211515.604036.211583.604001.	200	3.0	0.	32.	61						
0	1	NB RMP CirAG211583.604001.211619.603948.	200	3.0	0.	32.	61						
41	1	WB 80 AG212296.604166.211969.603976.	725	3.3	0.	44.	40						
42	1	WB 80 AG211969.603976.211863.603927.	725	3.3	0.	44.	40						
58	1	wb 80 AG211704.603824.211500.603713.	350	3.3	0.	32.	40						
64	1	EB 80SB270AG210778.603284.210850.603300.	450	3.3	0.	44.	40						
65	1	EB 80SB270AG210850.603300.210918.603294.	450	3.3	0.	44.	40						
66	1	EB 80SB270AG210918.603294.210980.603262.	450	3.3	0.	44.	40						
71	1	EB 80 AG210939.603387.211180.603518.	450	3.3	0.	44.	40						
72	1	EB 80 AG211180.603518.211557.603727.	450	3.3	0.	44.	40						
	2	SB RMP E80AG210940.603389.210778.603295.	450	3.3	0.	56.	40						
	65	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3								
		23 5.0 450 33.4 1863 3 3											
0	1	SB RMP E80AG210772.603286.210466.603118.	650	3.3	0.	56.	40						
	1	SB RMP WL8AG210939.603399.211080.603480.	300	3.3	0.	44.	40						
	2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2								
	65	23 5.0 300 33.4 739 3 3											
0	1	SB RMP WT8AG210933.603408.211079.603489.	50	3.3	0.	44.	40						
	1	SB RMP W80AG211083.603489.211492.603717.	500	3.3	0.	44.	40						
0	1	SB RMP W80AG210512.603159.210932.603403.	50	3.3	0.	44.	40						
	1	SB RMP WL AG210983.603264.210920.603384.	300	3.3	0.	32.	40						

S25B115A						
0 1	SB RMP	CirAG211165.603508.211049.603414.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211049.603414.211008.603364.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211008.603364.211004.603287.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211004.603287.211029.603227.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211029.603227.211089.603177.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211089.603177.211193.603166.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211193.603166.211419.603175.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211419.603175.211499.603251.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211499.603251.211511.603344.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211511.603344.211486.603403.	775 3.0	0. 32.	30	
0 1	SB RMP	CirAG211486.603403.211423.603469.	775 3.0	0. 32.	30	
0 1	SB On RMP	AG212132.602583.212057.602692.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG212057.602692.211962.602817.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211962.602817.211858.602905.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211858.602905.211734.602975.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211734.602975.211590.603019.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211590.603019.211347.603049.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211347.603049.211193.603089.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211193.603089.211084.603156.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211084.603156.211020.603194.	400 3.0	0. 32.	30	
0 1	SB On RMP	AG211020.603194.210976.603256.	400 3.0	0. 32.	30	
0 1	NB GP	AG210288.604040.210994.603831.	1925 4.4	0. 44.	60	
0 1	NB GP	AG210994.603831.211305.603711.	1925 4.4	0. 44.	60	
0 1	NB GP	AG211305.603711.211575.603546.	1925 4.4	0. 44.	60	
0 1	NB GP	AG211575.603546.211828.603315.	1925 4.4	0. 44.	60	
0 1	NB GP	AG211828.603315.211976.603144.	1925 4.4	0. 44.	60	
0 1	NB GP	AG211976.603144.212095.602967.	1925 4.4	0. 44.	60	
0 1	NB ETL	AG210281.603985.210773.603848.	275 4.5	0. 32.	62	
0 1	NB ETL	AG210773.603848.211062.603762.	275 4.5	0. 32.	62	
0 1	NB ETL	AG211062.603762.211342.603634.	275 4.5	0. 32.	62	
0 1	NB ETL	AG211342.603634.211533.603513.	275 4.5	0. 32.	62	
0 1	NB ETL	AG211533.603513.211718.603362.	275 4.5	0. 32.	62	
0 1	NB ETL	AG211718.603362.211890.603183.	275 4.5	0. 32.	62	
0 1	NB ETL	AG211890.603183.212018.603004.	275 4.5	0. 32.	62	
0 1	NB ETL	AG212018.603004.212104.602860.	275 4.5	0. 32.	62	
0 1	SB ETL	AG212069.602828.211997.602953.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211997.602953.211855.603148.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211855.603148.211711.603304.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211711.603304.211544.603446.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211544.603446.211308.603599.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211308.603599.211112.603692.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG211112.603692.210901.603766.	1000 4.5	0. 32.	61	
0 1	SB ETL	AG210901.603766.210314.603929.	1000 4.5	0. 32.	61	
0 1	SB GP	AG212064.602739.211923.602984.	4175 4.5	0. 44.	61	
0 1	SB GP	AG211923.602984.211730.603225.	4175 4.5	0. 44.	61	
0 1	SB GP	AG211730.603225.211584.603358.	4175 4.5	0. 44.	61	
0 1	SB GP	AG211584.603360.211349.603520.	4175 4.5	0. 44.	61	
0 1	SB GP	AG211349.603520.211054.603666.	4175 4.5	0. 44.	61	
0 1	SB GP	AG211054.603666.210639.603797.	4175 4.5	0. 44.	61	
1.0 0.4	SB GP	AG210				

JOB: B115AM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:09:18.60

RUN: B115AM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.8	603890.4	*	53.	331. AG	154.	100.0	.0	24.0	.43 2.7
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	3.0	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	77.	100.0	.0	12.0	.13 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	3.0	.0	32.0	
8. 43	NB on RMP *	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	3.0	.0	32.0	
9.	NB on RMP *	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	3.0	.0	32.0	
10.	NB on RMP *	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.26 .1
11.	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	325.	3.0	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211766.3	603864.1	*	48.	57. AG	19.	100.0	.0	12.0	.23 2.4
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1225.	3.0	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211640.4	603774.7	*	54.	241. AG	22.	100.0	.0	24.0	.53 2.7
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1300.	3.3	.0	44.0	
16.	NB on RMP *	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	3.0	.0	32.0	
17. 0	NB on RMP *	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	3.0	.0	32.0	
18. 0	NB on RMP *	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	3.0	.0	32.0	
19. 0	NB on RMP *	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	3.0	.0	32.0	
20. 0	NB on RMP *	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	3.0	.0	32.0	
21. 0	NB on RMP *	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	3.0	.0	32.0	
22. 0	NB on RMP *	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	3.0	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	3.0	.0	32.0	
32. 41	WB 80 *	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	725.	3.3	.0	44.0	
33. 42	WB 80 *	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	725.	3.3	.0	44.0	
34. 58	WB 80 *	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	350.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.3	.0	44.0	
38. 71	EB 80 *	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.3	.0	44.0	
39. 72	EB 80 *	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.3	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.3	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210911.7	603373.5	*	19.	240. AG	95.	100.0	.0	36.0	.15 1.0
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.3	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210965.3	603413.5	*	19.	60. AG	63.	100.0	.0	24.0	.38 1.0

JOB: B115AM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:09:18.60

RUN: B115AM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	50.	3.3	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	50.	3.3	.0	44.0	
48.	SB RMP WL *	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.3	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	775.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	775.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	775.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	775.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	775.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	775.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	775.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	775.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	775.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	775.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	775.	3.0	.0	32.0	
60. 0	SB On RMP *	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	3.0	.0	32.0	
61. 0	SB On RMP *	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	3.0	.0	32.0	
62. 0	SB On RMP *	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	3.0	.0	32.0	
63. 0	SB On RMP *	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	3.0	.0	32.0	
64. 0	SB On RMP *	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	3.0	.0	32.0	
65. 0	SB On RMP *	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	3.0	.0	32.0	
66. 0	SB On RMP *	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	3.0	.0	32.0	
67. 0	SB On RMP *	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	3.0	.0	32.0	
68. 0	SB On RMP *	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	3.0	.0	32.0	
69. 0	SB On RMP *	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	3.0	.0	32.0	
70.	NB GP *	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1925.	4.4	.0	44.0	
71. 0	NB GP *	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1925.	4.4	.0	44.0	
72. 0	NB GP *	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1925.	4.4	.0	44.0	
73. 0	NB GP *	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1925.	4.4	.0	44.0	
74. 0	NB GP *	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1925.	4.4	.0	44.0	
75. 0	NB GP *	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1925.	4.4	.0	44.0	
76. 0	NB ETL *	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	275.	4.5	.0	32.0	
77. 0	NB ETL *	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	275.	4.5	.0	32.0	
78. 0	NB ETL *	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	275.	4.5	.0	32.0	
79. 0	NB ETL *	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	275.	4.5	.0	32.0	
80. 0	NB ETL *	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	275.	4.5	.0	32.0	

S25B115A

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	275.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	275.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	275.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1000.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1000.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1000.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1000.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1000.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1000.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1000.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1000.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4175.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4175.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4175.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	4175.	4.5	.0	44.0

1

JOB: B115AM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:09:18.60

RUN: B115AM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4175.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4175.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4175.	4.5	.0	44.0	

1

JOB: B115AM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:09:18.60

RUN: B115AM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	.3	175	1681	33.40	3	3
5. 20	NB off Ram*	130	112	.3	25	1583	33.40	3	3
10. 10	NB on RMP *	130	1	.3	400	1583	33.40	3	3
12. 57	NB RMP WT8*	130	27	.3	325	1863	33.40	3	3
14. 14	NB RMP E80*	130	16	5.0	1225	1404	33.40	3	3
41. 41	SB RMP E80*	65	23	5.0	450	1863	33.40	3	3
44. 44	SB RMP WL8*	65	23	5.0	300	739	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B115AM FINGERBOARD RD

RUN: B115AM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S25B115A

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B115AM FINGERBOARD RD

RUN: B115AM FINGERBOARD RD

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)

(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B115AM FINGERBOARD RD

RUN: B115AM FINGERBOARD RD

PAGE 7

DATE: 01/19/2007 TIME: 23:09:18.60

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S25B115A

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B115AM FINGERBOARD RD

RUN: B115AM FINGERBOARD RD

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B115PM FINGERBOARD RD		207073.		605797.		5.0		60.0175.0.0000.000010.30480000		S25B115P		11		1	
S25 RES.		207073.		605797.		5.0		60.0175.0.0000.000010.30480000		S25B115P		11		1	
B115PM FINGERBOARD RD		207073.		605797.		5.0		60.0175.0.0000.000010.30480000		S25B115P		11		1	
1															
16	NB off RMPAG211619.603949.211694.603814.									225	3.0	0.	44.	30	
2															
17	NB off RMPAG211678.603844.211643.603906.									0.	24.	2			
90	71 3 225 33.4 1681 3 3														
1															
18	NB off RMPAG211619.603949.211622.603852.									75	3.0	0.	32.	30	
1															
2	NB off RamAG211622.603852.211576.603776.									75	3.0	0.	32.	30	
20															
90	NB off RamAG211581.603783.211619.603846.									0.	12.	1			
71	3 75 33.4 1583 3 3														
1															
20	NB off RamAG211576.603776.211500.603713.									75	3.0	0.	32.	30	
1															
36	NB 80 ONRAAG211000.603280.210939.603387.									550	3.0	0.	32.	30	
1															
43	NB on RMP AG211863.603927.211763.603900.									550	3.0	0.	32.	30	
1															
2	NB on RMP AG211763.603900.211658.603923.									550	3.0	0.	32.	30	
90															
1	NB on RMP AG211700.603914.211755.603901.									0.	12.	1			
1	1 3 550 33.4 1583 3 3														
2															
57	NB RMP WT8AG211863.603927.211704.603824.									575	3.3	0.	32.	40	
90															
1	NB RMP WT8AG211726.603838.211805.603889.									0.	12.	1			
30	3 575 33.4 1863 3 3														
1															
2	NB RMP E80AG211705.603811.211556.603727.									600	3.3	0.	44.	40	
90															
1	NB RMP E80AG211687.603801.211593.603748.									0.	24.	2			
16	5.0 600 33.4 1203 3 3														
dp															
1	NB RMP E80AG212302.604151.211707.603812.									650	3.3	0.	44.	40	
1															
0	NB on RMP AG210486.603978.210661.603955.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG210661.603955.210810.603952.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG210810.603952.211023.603995.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG211023.603995.211207.604048.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG211207.604048.211523.604060.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG211523.604060.211609.604006.									725	3.0	0.	32.	61	
1															
0	NB on RMP AG211609.604006.211660.603921.									725	3.0	0.	32.	61	
1															
0	NB RMP CirAG211376.603670.211303.603731.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211303.603731.211187.603798.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211187.603798.211149.603856.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211149.603856.211147.603933.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211147.603933.211199.604010.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211199.604010.211306.604034.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211306.604034.211515.604036.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211515.604036.211583.604001.									300	3.0	0.	32.	61	
1															
0	NB RMP CirAG211583.604001.211619.603948.									300	3.0	0.	32.	61	
41															
1	WB 80 AG212296.604166.211969.603976.									1125	3.3	0.	44.	40	
42															
1	WB 80 AG211969.603976.211863.603927.									1125	3.3	0.	44.	40	
58															
1	wb 80 AG211704.603824.211500.603713.									650	3.3	0.	32.	40	
64															
1	EB 80SB270AG210778.603284.210850.603300.									300	3.3	0.	44.	40	
65															
1	EB 80SB270AG210850.603300.210918.603294.									300	3.3	0.	44.	40	
66															
1	EB 80SB270AG210918.603294.210980.603262.									300	3.3	0.	44.	40	
71															
1	EB 80 AG210939.603387.211180.603518.									300	3.3	0.	44.	40	
72															
1	EB 80 AG211180.603518.211557.603727.									300	3.3	0.	44.	40	
2															
60	SB RMP E80AG210940.603389.210778.603295.									300	3.3	0.	44.	40	
1															
0	SB RMP E80AG210928.603383.210817.603318.									0.	36.	3			
12	5.0 300 33.4 1863 3 3														
1															
0	SB RMP E80AG210772.603286.210466.603118.									650	3.3	0.	56.	40	
1															
2	SB RMP WL8AG210939.603399.211080.603480.									175	3.3	0.	44.	40	
60															
1	SB RMP WL8AG210949.603404.211047.603461.									0.	24.	2			
12	5.0 175 33.4 1413 3 3														
0															
1	SB RMP WT8AG210933.603408.211079.603489.									175	3.3	0.	44.	40	
1															
0	SB RMP W80AG211083.603489.211492.603717.									575	3.3	0.	44.	40	
1															
0	SB RMP W80AG210512.603159.210932.603403.									475	3.3	0.	44.	40	
1															
0	SB RMP WL AG210983.603264.210920.603384.									175	3.3	0.	44.	40	

		S25B115P			
1					
0	1	SB RMP CirAG211165.603508.211049.603414.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211049.603414.211008.603364.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211008.603364.211004.603287.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211004.603287.211029.603227.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211029.603227.211089.603177.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211089.603177.211193.603166.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211193.603166.211419.603175.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211419.603175.211499.603251.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211499.603251.211511.603344.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211511.603344.211486.603403.	300	3.0	0. 32. 61
0	1	SB RMP CirAG211486.603403.211423.603469.	300	3.0	0. 32. 61
0	1	SB On RMP AG212132.602583.212057.602692.	350	3.0	0. 32. 61
0	1	SB On RMP AG212057.602692.211962.602817.	350	3.0	0. 32. 61
0	1	SB On RMP AG211962.602817.211858.602905.	350	3.0	0. 32. 61
0	1	SB On RMP AG211858.602905.211734.602975.	350	3.0	0. 32. 61
0	1	SB On RMP AG211734.602975.211590.603019.	350	3.0	0. 32. 61
0	1	SB On RMP AG211590.603019.211347.603049.	350	3.0	0. 32. 61
0	1	SB On RMP AG211347.603049.211193.603089.	350	3.0	0. 32. 61
0	1	SB On RMP AG211193.603089.211084.603156.	350	3.0	0. 32. 61
0	1	SB On RMP AG211084.603156.211020.603194.	350	3.0	0. 32. 61
0	1	SB On RMP AG211020.603194.210976.603256.	350	3.0	0. 32. 61
0	1	NB GP AG210288.604040.210994.603831.	4075	4.4	0. 44. 60
0	1	NB GP AG210994.603831.211305.603711.	4075	4.4	0. 44. 60
0	1	NB GP AG211305.603711.211575.603546.	4075	4.4	0. 44. 60
0	1	NB GP AG211575.603546.211828.603315.	4075	4.4	0. 44. 60
0	1	NB GP AG211828.603315.211976.603144.	4075	4.4	0. 44. 60
0	1	NB GP AG211976.603144.212095.602967.	4075	4.4	0. 44. 60
0	1	NB ETL AG210281.603985.210773.603848.	1150	4.5	0. 32. 62
0	1	NB ETL AG210773.603848.211062.603762.	1150	4.5	0. 32. 62
0	1	NB ETL AG211062.603762.211342.603634.	1150	4.5	0. 32. 62
0	1	NB ETL AG211342.603634.211533.603513.	1150	4.5	0. 32. 62
0	1	NB ETL AG211533.603513.211718.603362.	1150	4.5	0. 32. 62
0	1	NB ETL AG211718.603362.211890.603183.	1150	4.5	0. 32. 62
0	1	NB ETL AG211890.603183.212018.603004.	1150	4.5	0. 32. 62
0	1	NB ETL AG212018.603004.212104.602860.	1150	4.5	0. 32. 62
0	1	SB ETL AG212069.602828.211997.602953.	275	4.5	0. 32. 61
0	1	SB ETL AG211997.602953.211855.603148.	275	4.5	0. 32. 61
0	1	SB ETL AG211855.603148.211711.603304.	275	4.5	0. 32. 61
0	1	SB ETL AG211711.603304.211544.603446.	275	4.5	0. 32. 61
0	1	SB ETL AG211544.603446.211308.603599.	275	4.5	0. 32. 61
0	1	SB ETL AG211308.603599.211112.603692.	275	4.5	0. 32. 61
0	1	SB ETL AG211112.603692.210901.603766.	275	4.5	0. 32. 61
0	1	SB ETL AG210901.603766.210314.603929.	275	4.5	0. 32. 61
0	1	SB GP AG212064.602739.211923.602984.	2225	4.5	0. 44. 61
0	1	SB GP AG211923.602984.211730.603225.	2225	4.5	0. 44. 61
0	1	SB GP AG211730.603225.211584.603358.	2225	4.5	0. 44. 61
0	1	SB GP AG211584.603358.211349.603520.	2225	4.5	0. 44. 61
0	1	SB GP AG211349.603520.211054.603666.	2225	4.5	0. 44. 61
0	1	SB GP AG211054.603666.210639.603797.	2225	4.5	0. 44. 61
0	1	SB GP AG210639.603797.210231.603904.	2225	4.5	0. 44. 61
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B115PM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:17:59.13

RUN: B115PM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	3.0	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.6	603881.9	*	43.	331. AG	141.	100.0	.0	24.0	.36 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	3.0	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	3.0	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.0	603807.9	*	29.	31. AG	71.	100.0	.0	12.0	.26 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	3.0	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	3.0	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	3.0	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	3.0	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.36 .2
11.	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	3.3	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	30.	100.0	.0	12.0	.48 4.8
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	3.3	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211664.1	603788.1	*	26.	241. AG	32.	100.0	.0	24.0	.34 1.3
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.3	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	3.0	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	3.0	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	3.0	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	3.0	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	3.0	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	3.0	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	3.0	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	3.0	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	3.0	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	3.0	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	3.0	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	3.0	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	3.0	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	3.0	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	3.0	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	3.0	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.3	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.3	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	650.	3.3	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.3	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.3	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.3	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.3	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.3	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.3	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210922.3	603379.7	*	7.	240. AG	54.	100.0	.0	36.0	.08 .3
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.3	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.3	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210953.9	603406.9	*	6.	60. AG	36.	100.0	.0	24.0	.09 .3

JOB: B115PM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:17:59.13

RUN: B115PM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	175.	3.3	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.3	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.3	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.3	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	3.0	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	3.0	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	3.0	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	3.0	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	3.0	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	3.0	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	3.0	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	3.0	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	3.0	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	3.0	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	3.0	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	3.0	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	3.0	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	3.0	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	3.0	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	3.0	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	3.0	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	3.0	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	3.0	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	3.0	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	3.0	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4075.	4.4	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4075.	4.4	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4075.	4.4	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4075.	4.4	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4075.	4.4	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4075.	4.4	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1150.	4.5	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1150.	4.5	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1150.	4.5	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1150.	4.5	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1150.	4.5	.0	32.0	

S25B115P

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1150.	4.5	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1150.	4.5	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1150.	4.5	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	275.	4.5	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	275.	4.5	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	275.	4.5	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	275.	4.5	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	275.	4.5	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	275.	4.5	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	275.	4.5	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	275.	4.5	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2225.	4.5	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2225.	4.5	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2225.	4.5	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2225.	4.5	.0	44.0

1

JOB: B115PM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:17:59.13

RUN: B115PM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2225.	4.5	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2225.	4.5	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2225.	4.5	.0	44.0	

1

JOB: B115PM FINGERBOARD RD
DATE: 01/19/2007 TIME: 23:17:59.13

RUN: B115PM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	71	.3	225	1681	33.40	3	3
5. 20	NB off Ram*	90	71	.3	75	1583	33.40	3	3
10.	NB on RMP *	90	1	.3	550	1583	33.40	3	3
12. 57	NB RMP WT8*	90	30	.3	575	1863	33.40	3	3
14.	NB RMP E80*	90	16	5.0	600	1203	33.40	3	3
41.	SB RMP E80*	60	12	5.0	300	1863	33.40	3	3
44.	SB RMP WL8*	60	12	5.0	175	1413	33.40	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B115PM FINGERBOARD RD

RUN: B115PM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S25B115P

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B115PM FINGERBOARD RD

RUN: B115PM FINGERBOARD RD

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)

(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B115PM FINGERBOARD RD

RUN: B115PM FINGERBOARD RD

PAGE 7

DATE: 01/19/2007 TIME: 23:17:59.13

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S25B115P

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B115PM FINGERBOARD RD

RUN: B115PM FINGERBOARD RD

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B215AM FINGERBOARD RD		60.0175.0.0000.000010.30480000		S25B215A		11		1	
S25 RES.		207073.		605797.		5.0			
B215AM FINGERBOARD RD		98		1		1			
16	NB off RMPAG211619.603949.211694.603814.	175	2.9	0.	44.	30			
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2					
130	112 5.0 175 32.2 1681 3 3								
18	NB off RMPAG211619.603949.211622.603852.	25	2.9	0.	32.	30			
1	NB off RamAG211622.603852.211576.603776.	25	2.9	0.	32.	30			
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1					
130	112 5.0 25 32.2 1583 3 3								
20	NB off RamAG211576.603776.211500.603713.	25	2.9	0.	32.	30			
36	NB 80 ONRAAG211000.603280.210939.603387.	400	2.9	0.	32.	30			
43	NB on RMP AG211863.603927.211763.603900.	400	2.9	0.	32.	30			
1	NB on RMP AG211763.603900.211658.603923.	400	2.9	0.	32.	30			
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1					
130	1 5.0 400 32.2 1583 3 3								
1	NB RMP WT8AG211863.603927.211704.603824.	350	2.9	0.	32.	30			
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1					
130	27 5.0 350 32.2 1863 3 3								
1	NB RMP E80AG211705.603811.211556.603727.	1250	2.9	0.	44.	61			
2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2					
150	15 5.0 1250 32.2 1389 3 3								
dp	NB RMP E80AG212302.604151.211707.603812.	1325	3.2	0.	44.	40			
1	NB on RMP AG210486.603978.210661.603955.	500	2.9	0.	32.	61			
0	NB on RMP AG210661.603955.210810.603952.	500	2.9	0.	32.	61			
0	NB on RMP AG210810.603952.211023.603995.	500	2.9	0.	32.	61			
0	NB on RMP AG211023.603995.211207.604048.	500	2.9	0.	32.	61			
0	NB on RMP AG211207.604048.211523.604060.	500	2.9	0.	32.	61			
0	NB on RMP AG211523.604060.211609.604006.	500	2.9	0.	32.	61			
0	NB on RMP AG211609.604006.211660.603921.	500	2.9	0.	32.	61			
0	NB RMP CirAG211376.603670.211303.603731.	200	2.9	0.	32.	61			
0	NB RMP CirAG211303.603731.211187.603798.	200	2.9	0.	32.	61			
0	NB RMP CirAG211187.603798.211149.603856.	200	2.9	0.	32.	61			
0	NB RMP CirAG211149.603856.211147.603933.	200	2.9	0.	32.	61			
0	NB RMP CirAG211147.603933.211199.604010.	200	2.9	0.	32.	61			
0	NB RMP CirAG211199.604010.211306.604034.	200	2.9	0.	32.	61			
0	NB RMP CirAG211306.604034.211515.604036.	200	2.9	0.	32.	61			
0	NB RMP CirAG211515.604036.211583.604001.	200	2.9	0.	32.	61			
0	NB RMP CirAG211583.604001.211619.603948.	200	2.9	0.	32.	61			
41	WB 80 AG212296.604166.211969.603976.	750	3.2	0.	44.	40			
42	WB 80 AG211969.603976.211863.603927.	750	3.2	0.	44.	40			
58	wb 80 AG211704.603824.211500.603713.	375	3.2	0.	32.	40			
64	EB 80SB270AG210778.603284.210850.603300.	450	3.2	0.	44.	40			
65	EB 80SB270AG210850.603300.210918.603294.	450	3.2	0.	44.	40			
66	EB 80SB270AG210918.603294.210980.603262.	450	3.2	0.	44.	40			
71	EB 80 AG210939.603387.211180.603518.	450	3.2	0.	44.	40			
72	EB 80 AG211180.603518.211557.603727.	450	3.2	0.	44.	40			
1	SB RMP E80AG210940.603389.210778.603295.	450	3.2	0.	56.	40			
75	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3					
1	25 5.0 450 32.2 1863 3 3								
0	SB RMP E80AG210772.603286.210466.603118.	1325	3.2	0.	56.	40			
1	SB RMP WL8AG210939.603399.211080.603480.	300	3.2	0.	44.	40			
2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2					
75	1 5.0 300 32.2 770 3 3								
0	SB RMP WT8AG210933.603408.211079.603489.	75	3.2	0.	44.	40			
1	SB RMP W80AG211083.603489.211492.603717.	525	3.2	0.	44.	40			
0	SB RMP W80AG210512.603159.210932.603403.	75	3.2	0.	44.	40			
1	SB RMP WL AG210983.603264.210920.603384.	300	3.2	0.	32.	40			

		S25B215A			
1					
0	1	SB RMP CirAG211165.603508.211049.603414.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211049.603414.211008.603364.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211008.603364.211004.603287.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211004.603287.211029.603227.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211029.603227.211089.603177.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211089.603177.211193.603166.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211193.603166.211419.603175.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211419.603175.211499.603251.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211499.603251.211511.603344.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211511.603344.211486.603403.	800	2.9	0. 32. 30
0	1	SB RMP CirAG211486.603403.211423.603469.	800	2.9	0. 32. 30
0	1	SB On RMP AG212132.602583.212057.602692.	400	2.9	0. 32. 30
0	1	SB On RMP AG212057.602692.211962.602817.	400	2.9	0. 32. 30
0	1	SB On RMP AG211962.602817.211858.602905.	400	2.9	0. 32. 30
0	1	SB On RMP AG211858.602905.211734.602975.	400	2.9	0. 32. 30
0	1	SB On RMP AG211734.602975.211590.603019.	400	2.9	0. 32. 30
0	1	SB On RMP AG211590.603019.211347.603049.	400	2.9	0. 32. 30
0	1	SB On RMP AG211347.603049.211193.603089.	400	2.9	0. 32. 30
0	1	SB On RMP AG211193.603089.211084.603156.	400	2.9	0. 32. 30
0	1	SB On RMP AG211084.603156.211020.603194.	400	2.9	0. 32. 30
0	1	SB On RMP AG211020.603194.210976.603256.	400	2.9	0. 32. 30
0	1	NB GP AG210288.604040.210994.603831.	1825	4.3	0. 44. 61
0	1	NB GP AG210994.603831.211305.603711.	1825	4.3	0. 44. 61
0	1	NB GP AG211305.603711.211575.603546.	1825	4.3	0. 44. 61
0	1	NB GP AG211575.603546.211828.603315.	1825	4.3	0. 44. 61
0	1	NB GP AG211828.603315.211976.603144.	1825	4.3	0. 44. 61
0	1	NB GP AG211976.603144.212095.602967.	1825	4.3	0. 44. 61
0	1	NB ETL AG210281.603985.210773.603848.	550	4.3	0. 32. 61
0	1	NB ETL AG210773.603848.211062.603762.	550	4.3	0. 32. 61
0	1	NB ETL AG211062.603762.211342.603634.	550	4.3	0. 32. 61
0	1	NB ETL AG211342.603634.211533.603513.	550	4.3	0. 32. 61
0	1	NB ETL AG211533.603513.211718.603362.	550	4.3	0. 32. 61
0	1	NB ETL AG211718.603362.211890.603183.	550	4.3	0. 32. 61
0	1	NB ETL AG211890.603183.212018.603004.	550	4.3	0. 32. 61
0	1	NB ETL AG212018.603004.212104.602860.	550	4.3	0. 32. 61
0	1	SB ETL AG212069.602828.211997.602953.	1775	4.3	0. 32. 61
0	1	SB ETL AG211997.602953.211855.603148.	1775	4.3	0. 32. 61
0	1	SB ETL AG211855.603148.211711.603304.	1775	4.3	0. 32. 61
0	1	SB ETL AG211711.603304.211544.603446.	1775	4.3	0. 32. 61
0	1	SB ETL AG211544.603446.211308.603599.	1775	4.3	0. 32. 61
0	1	SB ETL AG211308.603599.211112.603692.	1775	4.3	0. 32. 61
0	1	SB ETL AG211112.603692.210901.603766.	1775	4.3	0. 32. 61
0	1	SB ETL AG210901.603766.210314.603929.	1775	4.3	0. 32. 61
0	1	SB GP AG212064.602739.211923.602984.	3800	4.3	0. 44. 61
0	1	SB GP AG211923.602984.211730.603225.	3800	4.3	0. 44. 61
0	1	SB GP AG211730.603225.211584.603358.	3800	4.3	0. 44. 61
0	1	SB GP AG211584.603358.211349.603520.	3800	4.3	0. 44. 61
0	1	SB GP AG211349.603520.211054.603666.	3800	4.3	0. 44. 61
0	1	SB GP AG211054.603666.210639.603797.	3800	4.3	0. 44. 61
0	1	SB GP AG210639.603797.210231.603904.	3800	4.3	0. 44. 61
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B215AM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:49:41.44

RUN: B215AM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAM = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	175.	2.9	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211651.1	603891.6	*	55.	331. AG	149.	100.0	.0	24.0	.61 2.8
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.9	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.9	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211588.9	603796.1	*	15.	31. AG	74.	100.0	.0	12.0	.19 .8
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.9	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	400.	2.9	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	400.	2.9	.0	32.0	
9. 43	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	400.	2.9	.0	32.0	
10. 43	NB on RMP*	211700.0	603914.0	211702.1	603913.5	*	2.	103. AG	1.	100.0	.0	12.0	.27 .1
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	350.	2.9	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211769.4	603866.1	*	52.	57. AG	18.	100.0	.0	12.0	.25 2.6
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1250.	2.9	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211642.4	603775.8	*	51.	241. AG	17.	100.0	.0	24.0	.53 2.6
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1325.	3.2	.0	44.0	
16. 0	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	500.	2.9	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	500.	2.9	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	500.	2.9	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	500.	2.9	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	500.	2.9	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	500.	2.9	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	500.	2.9	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	200.	2.9	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	200.	2.9	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	200.	2.9	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	200.	2.9	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	200.	2.9	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	200.	2.9	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	200.	2.9	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	200.	2.9	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	200.	2.9	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	750.	3.2	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	750.	3.2	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	375.	3.2	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	3.2	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	3.2	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	3.2	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	3.2	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	3.2	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	3.2	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210474.9	603117.7	*	525.	240. AG	86.	100.0	.0	36.0	1.42 26.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1325.	3.2	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	300.	3.2	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	211724.7	603855.2	*	897.	60. AG	2.	100.0	.0	24.0	2.21 45.6

JOB: B215AM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:49:41.44

RUN: B215AM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	75.	3.2	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	3.2	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	75.	3.2	.0	44.0	
48. 0	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	300.	3.2	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	800.	2.9	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	800.	2.9	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	800.	2.9	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	800.	2.9	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	800.	2.9	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	800.	2.9	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	800.	2.9	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	800.	2.9	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	800.	2.9	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	800.	2.9	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	800.	2.9	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	400.	2.9	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	400.	2.9	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	400.	2.9	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	400.	2.9	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	400.	2.9	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	400.	2.9	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	400.	2.9	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	400.	2.9	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	400.	2.9	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	400.	2.9	.0	32.0	
70. 0	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	1825.	4.3	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	1825.	4.3	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	1825.	4.3	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	1825.	4.3	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	1825.	4.3	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	1825.	4.3	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	550.	4.3	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	550.	4.3	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	550.	4.3	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	550.	4.3	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	550.	4.3	.0	32.0	

S25B215A

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	550.	4.3	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	550.	4.3	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	550.	4.3	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1775.	4.3	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1775.	4.3	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1775.	4.3	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1775.	4.3	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1775.	4.3	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1775.	4.3	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1775.	4.3	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1775.	4.3	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	3800.	4.3	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	3800.	4.3	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	3800.	4.3	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	3800.	4.3	.0	44.0

1

JOB: B215AM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:49:41.44

RUN: B215AM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	3800.	4.3	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	3800.	4.3	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	3800.	4.3	.0	44.0	

1

JOB: B215AM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:49:41.44

RUN: B215AM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	130	112	5.0	175	1681	32.20	3	3
5. 20	NB off Ram*	130	112	5.0	25	1583	32.20	3	3
10. 10	NB on RMP *	130	1	5.0	400	1583	32.20	3	3
12. 57	NB RMP WT8*	130	27	5.0	350	1863	32.20	3	3
14. 14	NB RMP E80*	150	15	5.0	1250	1389	32.20	3	3
41. 41	SB RMP E80*	75	25	5.0	450	186	32.00	1	3
44. 44	SB RMP WL8*	75	1	5.0	300	77	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B215AM FINGERBOARD RD

RUN: B215AM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S25B215A

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B215AM FINGERBOARD RD

RUN: B215AM FINGERBOARD RD

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)

(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B215AM FINGERBOARD RD

RUN: B215AM FINGERBOARD RD

PAGE 7

DATE: 03/16/2007 TIME: 22:49:41.44

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S25B215A

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B215AM FINGERBOARD RD

RUN: B215AM FINGERBOARD RD

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B215PM FINGERBOARD RD		60.0175.0.0000.000010.30480000		S25B215P		11		1	
S25 RES.		207073.		605797.		5.0			
B215PM FINGERBOARD RD		98		1		1			
16	1	NB off RMP	AG211619.603949.211694.603814.	225	2.9	0.	44.	30	
17	2	NB off RMP	AG211678.603844.211643.603906.	0.	24.	2			
	90		72 5.0 225 32.2 1681 3 3						
18	1	NB off RMP	AG211619.603949.211622.603852.	75	2.9	0.	32.	30	
	2	NB off Ram	AG211622.603852.211576.603776.	75	2.9	0.	32.	30	
20	2	NB off Ram	AG211581.603783.211619.603846.	0.	12.	1			
	90		72 5.0 75 32.2 1583 3 3						
20	1	NB off Ram	AG211576.603776.211500.603713.	75	2.9	0.	32.	30	
36	1	NB 80 ONRA	AG211000.603280.210939.603387.	550	2.9	0.	32.	30	
43	1	NB on RMP	AG211863.603927.211763.603900.	550	2.9	0.	32.	30	
	1	NB on RMP	AG211763.603900.211658.603923.	550	2.9	0.	32.	30	
	2	NB on RMP	AG211700.603914.211755.603901.	0.	12.	1			
	90		1 5.0 550 32.2 1583 3 3						
	1	NB RMP	WT8AG211863.603927.211704.603824.	575	2.9	0.	32.	30	
57	2	NB RMP	WT8AG211726.603838.211805.603889.	0.	12.	1			
	90		30 5.0 575 32.2 1863 3 3						
	1	NB RMP	E80AG211705.603811.211556.603727.	600	2.9	0.	44.	61	
	2	NB RMP	E80AG211687.603801.211593.603748.	0.	24.	2			
	90		17 5.0 600 32.2 1203 3 3						
dp	1	NB RMP	E80AG212302.604151.211707.603812.	650	3.2	0.	44.	40	
	1	NB on RMP	AG210486.603978.210661.603955.	725	2.9	0.	32.	61	
	0	NB on RMP	AG210661.603955.210810.603952.	725	2.9	0.	32.	61	
	0	NB on RMP	AG210810.603952.211023.603995.	725	2.9	0.	32.	61	
	0	NB on RMP	AG211023.603995.211207.604048.	725	2.9	0.	32.	61	
	0	NB on RMP	AG211207.604048.211523.604060.	725	2.9	0.	32.	61	
	0	NB on RMP	AG211523.604060.211609.604006.	725	2.9	0.	32.	61	
	0	NB on RMP	AG211609.604006.211660.603921.	725	2.9	0.	32.	61	
	0	NB RMP	CirAG211376.603670.211303.603731.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211303.603731.211187.603798.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211187.603798.211149.603856.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211149.603856.211147.603933.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211147.603933.211199.604010.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211199.604010.211306.604034.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211306.604034.211515.604036.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211515.604036.211583.604001.	300	2.9	0.	32.	61	
	0	NB RMP	CirAG211583.604001.211619.603948.	300	2.9	0.	32.	61	
41	1	WB 80	AG212296.604166.211969.603976.	1125	3.2	0.	44.	40	
42	1	WB 80	AG211969.603976.211863.603927.	1125	3.2	0.	44.	40	
58	1	wb 80	AG211704.603824.211500.603713.	575	3.2	0.	32.	40	
64	1	EB 80SB270	AG210778.603284.210850.603300.	300	3.2	0.	44.	40	
65	1	EB 80SB270	AG210850.603300.210918.603294.	300	3.2	0.	44.	40	
66	1	EB 80SB270	AG210918.603294.210980.603262.	300	3.2	0.	44.	40	
71	1	EB 80	AG210939.603387.211180.603518.	300	3.2	0.	44.	40	
72	1	EB 80	AG211180.603518.211557.603727.	300	3.2	0.	44.	40	
	2	SB RMP	E80AG210940.603389.210778.603295.	300	3.2	0.	56.	40	
	60	SB RMP	E80AG210928.603383.210817.603318.	0.	36.	3			
			12 5.0 300 32.2 1863 3 3						
	0	SB RMP	E80AG210772.603286.210466.603118.	650	3.2	0.	56.	40	
	1	SB RMP	WL8AG210939.603399.211080.603480.	175	3.2	0.	44.	40	
	2	SB RMP	WL8AG210949.603404.211047.603461.	0.	24.	2			
	60		1 5.0 175 32.2 1517 3 3						
	0	SB RMP	WT8AG210933.603408.211079.603489.	475	3.2	0.	44.	40	
	1	SB RMP	W80AG211083.603489.211492.603717.	575	3.2	0.	44.	40	
	0	SB RMP	W80AG210512.603159.210932.603403.	475	3.2	0.	44.	40	
	1	SB RMP	WL AG210983.603264.210920.603384.	175	3.2	0.	32.	40	

		S25B215P			
1					
0	1	SB RMP CirAG211165.603508.211049.603414.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211049.603414.211008.603364.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211008.603364.211004.603287.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211004.603287.211029.603227.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211029.603227.211089.603177.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211089.603177.211193.603166.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211193.603166.211419.603175.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211419.603175.211499.603251.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211499.603251.211511.603344.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211511.603344.211486.603403.	300	2.9	0. 32. 30
0	1	SB RMP CirAG211486.603403.211423.603469.	300	2.9	0. 32. 30
0	1	SB On RMP AG212132.602583.212057.602692.	350	2.9	0. 32. 30
0	1	SB On RMP AG212057.602692.211962.602817.	350	2.9	0. 32. 30
0	1	SB On RMP AG211962.602817.211858.602905.	350	2.9	0. 32. 30
0	1	SB On RMP AG211858.602905.211734.602975.	350	2.9	0. 32. 30
0	1	SB On RMP AG211734.602975.211590.603019.	350	2.9	0. 32. 30
0	1	SB On RMP AG211590.603019.211347.603049.	350	2.9	0. 32. 30
0	1	SB On RMP AG211347.603049.211193.603089.	350	2.9	0. 32. 30
0	1	SB On RMP AG211193.603089.211084.603156.	350	2.9	0. 32. 30
0	1	SB On RMP AG211084.603156.211020.603194.	350	2.9	0. 32. 30
0	1	SB On RMP AG211020.603194.210976.603256.	350	2.9	0. 32. 30
0	1	NB GP AG210288.604040.210994.603831.	3675	4.3	0. 44. 61
0	1	NB GP AG210994.603831.211305.603711.	3675	4.3	0. 44. 61
0	1	NB GP AG211305.603711.211575.603546.	3675	4.3	0. 44. 61
0	1	NB GP AG211575.603546.211828.603315.	3675	4.3	0. 44. 61
0	1	NB GP AG211828.603315.211976.603144.	3675	4.3	0. 44. 61
0	1	NB GP AG211976.603144.212095.602967.	3675	4.3	0. 44. 61
0	1	NB ETL AG210281.603985.210773.603848.	1575	4.3	0. 32. 61
0	1	NB ETL AG210773.603848.211062.603762.	1575	4.3	0. 32. 61
0	1	NB ETL AG211062.603762.211342.603634.	1575	4.3	0. 32. 61
0	1	NB ETL AG211342.603634.211533.603513.	1575	4.3	0. 32. 61
0	1	NB ETL AG211533.603513.211718.603362.	1575	4.3	0. 32. 61
0	1	NB ETL AG211718.603362.211890.603183.	1575	4.3	0. 32. 61
0	1	NB ETL AG211890.603183.212018.603004.	1575	4.3	0. 32. 61
0	1	NB ETL AG212018.603004.212104.602860.	1575	4.3	0. 32. 61
0	1	SB ETL AG212069.602828.211997.602953.	550	4.3	0. 32. 61
0	1	SB ETL AG211997.602953.211855.603148.	550	4.3	0. 32. 61
0	1	SB ETL AG211855.603148.211711.603304.	550	4.3	0. 32. 61
0	1	SB ETL AG211711.603304.211544.603446.	550	4.3	0. 32. 61
0	1	SB ETL AG211544.603446.211308.603599.	550	4.3	0. 32. 61
0	1	SB ETL AG211308.603599.211112.603692.	550	4.3	0. 32. 61
0	1	SB ETL AG211112.603692.210901.603766.	550	4.3	0. 32. 61
0	1	SB ETL AG210901.603766.210314.603929.	550	4.3	0. 32. 61
0	1	SB GP AG212064.602739.211923.602984.	2025	4.3	0. 44. 61
0	1	SB GP AG211923.602984.211730.603225.	2025	4.3	0. 44. 61
0	1	SB GP AG211730.603225.211584.603358.	2025	4.3	0. 44. 61
0	1	SB GP AG211584.603358.211349.603520.	2025	4.3	0. 44. 61
0	1	SB GP AG211349.603520.211054.603666.	2025	4.3	0. 44. 61
0	1	SB GP AG211054.603666.210639.603797.	2025	4.3	0. 44. 61
0	1	SB GP AG210639.603797.210231.603904.	2025	4.3	0. 44. 61
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B215PM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:50:23.57

RUN: B215PM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	225.	2.9	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211656.3	603882.4	*	44.	331. AG	138.	100.0	.0	24.0	.55 2.2
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.9	.0	32.0	
4. 20	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.9	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211596.3	603808.3	*	30.	31. AG	69.	100.0	.0	12.0	.39 1.5
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.9	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	550.	2.9	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	550.	2.9	.0	32.0	
9. 43	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	550.	2.9	.0	32.0	
10. 43	NB on RMP*	211700.0	603914.0	211702.9	603913.3	*	3.	104. AG	1.	100.0	.0	12.0	.38 .2
11. 57	NB RMP WT8*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	575.	2.9	.0	32.0	
12. 57	NB RMP WT8*	211726.0	603838.0	211805.2	603889.2	*	94.	57. AG	29.	100.0	.0	12.0	.52 4.8
13. 57	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	600.	2.9	.0	44.0	
14. 57	NB RMP E80*	211687.0	603801.0	211662.7	603787.3	*	28.	241. AG	33.	100.0	.0	24.0	.34 1.4
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	650.	3.2	.0	44.0	
16. 0	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	725.	2.9	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	725.	2.9	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	725.	2.9	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	725.	2.9	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	725.	2.9	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	725.	2.9	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	725.	2.9	.0	32.0	
23. 0	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	300.	2.9	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	300.	2.9	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	300.	2.9	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	300.	2.9	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	300.	2.9	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	300.	2.9	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	300.	2.9	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	300.	2.9	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	300.	2.9	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1125.	3.2	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1125.	3.2	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	575.	3.2	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	300.	3.2	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	300.	3.2	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	300.	3.2	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	300.	3.2	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	300.	3.2	.0	44.0	
40. 0	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	300.	3.2	.0	56.0	
41. 0	SB RMP E80*	210928.0	603383.0	210912.7	603374.0	*	18.	240. AG	51.	100.0	.0	36.0	.79 .9
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	650.	3.2	.0	56.0	
43. 0	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	175.	3.2	.0	44.0	
44. 0	SB RMP WL8*	210949.0	603404.0	210953.7	603406.7	*	5.	60. AG	3.	100.0	.0	24.0	.67 .3

JOB: B215PM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:50:23.57

RUN: B215PM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP WT8*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	475.	3.2	.0	44.0	
46. 0	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	575.	3.2	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	475.	3.2	.0	44.0	
48. 0	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	175.	3.2	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	300.	2.9	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	300.	2.9	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	300.	2.9	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	300.	2.9	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	300.	2.9	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	300.	2.9	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	300.	2.9	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	300.	2.9	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	300.	2.9	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	300.	2.9	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	300.	2.9	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.9	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.9	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.9	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.9	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.9	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.9	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.9	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.9	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.9	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.9	.0	32.0	
70. 0	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	3675.	4.3	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	3675.	4.3	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	3675.	4.3	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	3675.	4.3	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	3675.	4.3	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	3675.	4.3	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1575.	4.3	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1575.	4.3	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1575.	4.3	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1575.	4.3	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1575.	4.3	.0	32.0	

S25B215P

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1575.	4.3	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1575.	4.3	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1575.	4.3	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	550.	4.3	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	550.	4.3	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	550.	4.3	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	550.	4.3	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	550.	4.3	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	550.	4.3	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	550.	4.3	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	550.	4.3	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	4.3	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	4.3	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	4.3	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2025.	4.3	.0	44.0

1

JOB: B215PM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:50:23.57

RUN: B215PM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
		X1	Y1	X2	Y2								
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	4.3	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	4.3	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	4.3	.0	44.0	

1

JOB: B215PM FINGERBOARD RD
DATE: 03/16/2007 TIME: 22:50:23.57

RUN: B215PM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	5.0	225	1681	32.20	3	3
5. 20	NB off Ram*	90	72	5.0	75	1583	32.20	3	3
10. 10	NB on RMP *	90	1	5.0	550	1583	32.20	3	3
12. 57	NB RMP WT8*	90	30	5.0	575	1863	32.20	3	3
14. 14	NB RMP E80*	90	17	5.0	600	1203	32.20	3	3
41. 41	SB RMP E80*	60	12	5.0	300	186	32.00	1	3
44. 44	SB RMP WL8*	60	1	5.0	175	151	32.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B215PM FINGERBOARD RD

RUN: B215PM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR)* REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

S25B215P

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: B215PM FINGERBOARD RD

RUN: B215PM FINGERBOARD RD

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)

(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B215PM FINGERBOARD RD

RUN: B215PM FINGERBOARD RD

PAGE 7

DATE: 03/16/2007 TIME: 22:50:23.57

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

S25B215P

40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B215PM FINGERBOARD RD

RUN: B215PM FINGERBOARD RD

PAGE 8

LINK #	* CO/LINK (PPM)	* ANGLE (DEGREES)	* REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

NB FINGERBOARD RD(S25NB30A.DAT)		60.0175.0.0000.000010.30480000		S25NB30A.DAT		11		1	
S25 RES.		207073.		605797.		5.0			
SITE 25 NB FINGERBOARD RDM		98		1		1			
1	I-270 NB	AG212123.602857.211994.603067.	2600	3.7	0.44.	58			
2	"	AG211994.603067.211815.603289.	2600	3.7	0.44.	58			
3	"	AG211815.603289.211559.603515.	2600	3.7	0.44.	58			
4	"	AG211559.603515.211253.603705.	2600	3.7	0.44.	58			
5	"	AG211253.603705.210964.603808.	2600	3.7	0.44.	58			
6	"	AG210964.603808.210632.603909.	2600	3.7	0.44.	58			
7	"	AG210632.603909.210521.603943.	2600	3.7	0.44.	58			
8	NB OFF TO 80	AG211253.603705.211126.603793.	225	2.6	0.32.	30			
9	"	AG211126.603793.211096.603870.	225	2.6	0.32.	30			
10	"	AG211096.603870.211099.603928.	225	2.6	0.32.	30			
11	"	AG211099.603928.211132.603985.	225	2.6	0.32.	30			
12	"	AG211132.603985.211202.604026.	225	2.6	0.32.	30			
13	"	AG211202.604026.211506.604039.	225	2.6	0.32.	30			
14	"	AG211506.604039.211574.604009.	225	2.6	0.32.	30			
15	"	AG211574.604009.211619.603949.	225	2.6	0.32.	30			
16	NB OFF LEFT	AG211619.603949.211694.603814.	200	2.6	0.44.	30			
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	25	2.6	0.32.	30			
19	"	AG211622.603852.211576.603776.	25	2.6	0.32.	30			
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	25	2.6	0.32.	30			
22	I-270 SB	AG210496.603858.210975.603725.	5625	2.8	0.44.	40			
23	"	AG210975.603725.211238.603621.	5625	2.8	0.44.	40			
24	"	AG211238.603621.211517.603438.	5625	2.8	0.44.	40			
25	"	AG211517.603438.211675.603313.	5625	2.8	0.44.	40			
26	"	AG211675.603313.211775.603212.	5625	2.8	0.44.	40			
27	"	AG211775.603212.212061.602812.	5625	2.8	0.44.	40			
28	270SB OFF TO 80	AG211517.603438.211562.603334.	2025	2.6	0.32.	30			
29	"	AG211562.603334.211547.603254.	2025	2.6	0.32.	30			
30	"	AG211547.603254.211495.603196.	2025	2.6	0.32.	30			
31	"	AG211495.603196.211437.603174.	2025	2.6	0.32.	30			
32	"	AG211437.603174.211134.603171.	2025	2.6	0.32.	30			
33	"	AG211134.603171.211056.603197.	2025	2.6	0.32.	30			
34	"	AG211056.603197.211000.603280.	2025	2.6	0.32.	30			
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	675	3.3	0.32.	15			
36	NB80RMLT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.3	0.32.	15			
38	"	AG211006.603365.211042.603414.	1	2.6	0.32.	30			
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	1	2.6	0.32.	30			
41	WB 80	AG212296.604166.211969.603976.	1200	2.8	0.44.	40			
42	"	AG211969.603976.211863.603927.	1200	2.8	0.44.	40			
43	RT ON FR 80W	AG211863.603927.211763.603900.	750	2.8	0.44.	40			
44	"	AG211763.603900.211658.603923.	750	2.8	0.44.	40			
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	900	2.6	0.32.	30			
47	I-270 NB ON	AG211599.604013.211532.604055.	900	2.6	0.32.	30			
48	"	AG211532.604055.211438.604062.	900	2.6	0.32.	30			
49	"	AG211438.604062.211206.604048.	900	2.6	0.32.	30			

50	1	"	AG211206.604048.211148.604025.	900	2.6	0.	32.	30
51	1	"	AG211148.604025.211083.603964.	900	2.6	0.	32.	30
52	1	"	AG211083.603964.211022.603890.	900	2.6	0.	32.	30
53	1	"	AG211022.603890.210965.603858.	900	2.6	0.	32.	30
54	1	"	AG210965.603858.210905.603856.	900	2.6	0.	32.	30
55	1	"	AG210905.603856.210632.603909.	900	2.6	0.	32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	450	2.8	0.	32.	40
57	1	" 150 30	AG211726.603838.211805.603889. 4. 450 28.3 1863 2 3	0.	12.	1		
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	450	2.8	0.	32.	40
59	2	"	AG211500.603713.210937.603394.	475	2.8	0.	32.	40
60	1	" Q 150	AG210962.603409.211025.603444. 2. 475 28.3 494 3 3	0.	12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	750	2.8	0.	32.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	675	2.8	0.	44.	40
63	1	"	AG210667.603227.210778.603284.	675	2.8	0.	44.	40
64	1	"	AG210778.603284.210850.603300.	2	2.8	0.	44.	40
65	1	"	AG210850.603300.210918.603294.	2	2.8	0.	44.	40
66	2	80EB @ SB RP RT 90	AG210907.603295.210853.603299. 2. 1 28.3 1750 3 3	0.	12.	1		
67	1	"	AG210918.603294.210980.603262.	2	2.8	0.	44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	400	2.8	0.	44.	40
69	2	"	AG210830.603323.210939.603387.	400	2.8	0.	44.	40
70	1	" Q 90	AG210915.603373.210841.603330. 2. 2 28.3 1750 1 3	0.	24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	800	2.8	0.	44.	40
72	1	"	AG211180.603518.211557.603727.	800	2.8	0.	44.	40
73	1	"	AG211557.603727.211989.603968.	800	2.8	0.	44.	40
74	2	eb r Q 150	AG210915.603373.210841.603330. 4. 1 28.3 712 2 3	0.	12.	1		
75	2	eb thru Q 150	AG210915.603373.210841.603330. 4. 800 28.3 1863 2 3	0.	24.	2		
76	1	80 EB	AG211989.603968.212305.604152.	2075	2.8	0.	44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	525	2.6	0.	32.	30
78	1	"	AG211024.603189.211087.603149.	525	2.6	0.	32.	30
79	1	"	AG211087.603149.211145.603140.	525	2.6	0.	32.	30
80	1	"	AG211145.603140.211440.603144.	525	2.6	0.	32.	30
81	1	"	AG211440.603144.211499.603163.	525	2.6	0.	32.	30
82	1	"	AG211499.603163.211594.603223.	525	2.6	0.	32.	30
83	1	"	AG211594.603223.211664.603235.	525	2.6	0.	32.	30
84	1	"	AG211664.603235.211775.603212.	525	2.6	0.	32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	3275	3.6	0.	44.	56
86	1	"	AG209400.604253.208836.604494.	3275	3.6	0.	44.	56
87	1	"	AG208836.604494.208166.604895.	3275	3.6	0.	44.	56
88	1	"	AG208166.604895.207724.605289.	3275	3.6	0.	44.	56
89	1	I-270 SB	AG207646.605231.208105.604843.	2500	2.6	0.	44.	30
90	1	"	AG208105.604843.208804.604420.	2500	2.6	0.	44.	30
91	1	"	AG208804.604420.209380.604177.	2500	2.6	0.	44.	30
92	1	"	AG209380.604177.210495.603858.	2500	2.6	0.	44.	30

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:37:49.11

RUN: SITE 25 NB FINGERBOARD RDM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	2600.	3.7	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	2600.	3.7	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	2600.	3.7	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	2600.	3.7	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	2600.	3.7	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	2600.	3.7	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	2600.	3.7	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	225.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	225.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	225.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	225.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	225.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	225.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	225.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	225.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	200.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211643.1	603905.9	* 71.	331. AG	132.	100.0	.0	24.0	.64	3.6
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	25.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	25.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211590.2	603798.2	* 18.	31. AG	66.	100.0	.0	12.0	.17	.9
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	25.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	5625.	2.8	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	5625.	2.8	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	5625.	2.8	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	5625.	2.8	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	5625.	2.8	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	603212.0	* 492.	144. AG	5625.	2.8	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	2025.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	2025.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	2025.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	2025.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	2025.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	2025.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	2025.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	675.	3.3	.0	32.0		
36. 36 NB80RMLPT	* 210952.0	603364.0	213245.9	599365.7	* 4610.	150. AG	62.	100.0	.0	12.0	2.65	234.2
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1. 3.3		.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1. 2.6		.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1. 2.6		.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1200.	2.8	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1200.	2.8	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	750.	2.8	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	750.	2.8	.0	44.0		

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:37:49.11

RUN: SITE 25 NB FINGERBOARD RDM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4. 100.0		.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	900.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	900.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	900.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	900.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	900.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	900.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	900.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	900.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	900.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	900.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	450.	2.8	.0	32.0		
57. 57 "	* 211726.0	603838.0	211788.0	603878.1	* 74.	57. AG	15. 100.0		.0	12.0	.32	3.8
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	450.	2.8	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	475.	2.8	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	212434.5	604227.3	* 1685.	61. AG	23. 100.0		.0	12.0	1.44	85.6
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	750.	2.8	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	675.	2.8	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	675.	2.8	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	2. 2.8		.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	2. 2.8		.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	4. 100.0		.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	2. 2.8		.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	400.	2.8	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	400.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8. 100.0		.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	800.	2.8	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	800.	2.8	.0	44.0		
73. 73 "	* 211557.0	603727.0	211899.0	603968.0	* 495.	61. AG	800.	2.8	.0	44.0		
74. 70 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	240. AG	10. 100.0		.0	12.0	.00	.0
75. 70 eb thru Q	* 210915.0	603373.0	210828.0	603322.5	* 101.	240. AG	47. 100.0		.0	24.0	.33	5.1
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	2075.	2.8	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	525.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	525.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	525.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	525.	2.6	.0	32.0		

S25NB30A.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	525.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	525.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	525.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	525.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	3275.	3.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	3275.	3.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	3275.	3.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	3275.	3.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	2500.	2.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	2500.	2.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	2500.	2.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	2500.	2.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	3275.	3.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	3275.	3.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	3275.	3.6	.0	44.0

1

PAGE 3

JOB: NB FINGERBOARD RD(S25NB30A.DAT) RUN: SITE 25 NB FINGERBOARD RDAM
DATE: 12/20/2006 TIME: 10:37:49.11

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 94 I-270 SB	*	206638.0 606543.0 206943.0	606090.0	*	546.	146. AG	2500.	2.6	.0 44.0
97. 95 "	*	206943.0 606090.0 207418.0	605459.0	*	790.	143. AG	2500.	2.6	.0 44.0
98. 96 "	*	207418.0 605459.0 207644.0	605229.0	*	322.	136. AG	2500.	2.6	.0 44.0

1

PAGE 4

JOB: NB FINGERBOARD RD(S25NB30A.DAT) RUN: SITE 25 NB FINGERBOARD RDAM
DATE: 12/20/2006 TIME: 10:37:49.11

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	150	130	4.0	200	1681	28.30	2 3
20. 20 " Q	*	150	130	4.0	25	1583	28.30	2 3
36. 36 " NB80RMLT	*	90	73	2.0	675	1770	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " Q	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " Q	*	150	30	4.0	450	1863	28.30	2 3
60. 60 " Q	*	150	46	2.0	475	494	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	150	46	4.0	800	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. S25 RES.	*	207073.0 605797.0	5.0	*

1

PAGE 5

JOB: NB FINGERBOARD RD(S25NB30A.DAT) RUN: SITE 25 NB FINGERBOARD RDAM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.2
5.	*	.2
10.	*	.3
15.	*	.3
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.2
75.	*	.2
80.	*	.2
85.	*	.2
90.	*	.2
95.	*	.2
100.	*	.2
105.	*	.2
110.	*	.2
115.	*	.2
120.	*	.2
125.	*	.2
130.	*	.2
135.	*	.1
140.	*	.1
145.	*	.0
150.	*	.0

S25NB30A.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .3
335. * .3
340. * .2
345. * .2
350. * .2
355. * .2
360. * .2
-----*-----
MAX * .3
DEGR. * 10

THE HIGHEST CONCENTRATION IS .30 PPM AT 10 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:37:49.11

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 10
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)

RUN: SITE 25 NB FINGERBOARD RDAM

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)
46	*	.0
47	*	.0
48	*	.0
49	*	.0
50	*	.0
51	*	.0
52	*	.0
53	*	.0
54	*	.0
55	*	.0
56	*	.0
57	*	.0
58	*	.0
59	*	.0
60	*	.0
61	*	.0
62	*	.0
63	*	.0
64	*	.0
65	*	.0
66	*	.0
67	*	.0
68	*	.0
69	*	.0
70	*	.0
71	*	.0
72	*	.0
73	*	.0
74	*	.0
75	*	.0
76	*	.0
77	*	.0
78	*	.0
79	*	.0
80	*	.0
81	*	.0
82	*	.0
83	*	.0
84	*	.0
85	*	.0
86	*	.0
87	*	.0
88	*	.0
89	*	.0
90	*	.0
91	*	.0
92	*	.0
93	*	.0
94	*	.1
95	*	.1
96	*	.0
97	*	.1
98	*	.0

NB FINGERBOARD RD(S25NB30A.DAT)		60.0175.0.0000.000010.30480000		S25NB30P.DAT		11		1	
S25 RES.		207073.		605797.		5.0			
SITE 25 NB FINGERBOARD RDP		98		1		1			
1	I-270 NB	AG212123.602857.211994.603067.	6100	2.6	0.44.	36			
2	"	AG211994.603067.211815.603289.	6100	2.6	0.44.	36			
3	"	AG211815.603289.211559.603515.	6100	2.6	0.44.	36			
4	"	AG211559.603515.211253.603705.	6100	2.6	0.44.	36			
5	"	AG211253.603705.210964.603808.	6100	2.6	0.44.	36			
6	"	AG210964.603808.210632.603909.	6100	2.6	0.44.	36			
7	"	AG210632.603909.210521.603943.	6100	2.6	0.44.	36			
8	NB OFF TO 80	AG211253.603705.211126.603793.	325	2.6	0.32.	30			
9	"	AG211126.603793.211096.603870.	325	2.6	0.32.	30			
10	"	AG211096.603870.211099.603928.	325	2.6	0.32.	30			
11	"	AG211099.603928.211132.603985.	325	2.6	0.32.	30			
12	"	AG211132.603985.211202.604026.	325	2.6	0.32.	30			
13	"	AG211202.604026.211506.604039.	325	2.6	0.32.	30			
14	"	AG211506.604039.211574.604009.	325	2.6	0.32.	30			
15	"	AG211574.604009.211619.603949.	325	2.6	0.32.	30			
16	NB OFF LEFT	AG211619.603949.211694.603814.	275	2.6	0.44.	30			
17	"	Q AG211678.603844.211643.603906.	0.	24.	2				
18	NB OFF RIGHT	AG211619.603949.211622.603852.	100	2.6	0.32.	30			
19	"	AG211622.603852.211576.603776.	100	2.6	0.32.	30			
20	"	Q AG211581.603783.211619.603846.	0.	12.	1				
21	"	AG211576.603776.211500.603713.	100	2.6	0.32.	30			
22	I-270 SB	AG210496.603858.210975.603725.	2925	3.7	0.44.	58			
23	"	AG210975.603725.211238.603621.	2925	3.7	0.44.	58			
24	"	AG211238.603621.211517.603438.	2925	3.7	0.44.	58			
25	"	AG211517.603438.211675.603313.	2925	3.7	0.44.	58			
26	"	AG211675.603313.211775.603212.	2925	3.7	0.44.	58			
27	"	AG211775.603212.212061.602812.	2925	3.7	0.44.	58			
28	270SB OFF TO 80	AG211517.603438.211562.603334.	650	2.6	0.32.	30			
29	"	AG211562.603334.211547.603254.	650	2.6	0.32.	30			
30	"	AG211547.603254.211495.603196.	650	2.6	0.32.	30			
31	"	AG211495.603196.211437.603174.	650	2.6	0.32.	30			
32	"	AG211437.603174.211134.603171.	650	2.6	0.32.	30			
33	"	AG211134.603171.211056.603197.	650	2.6	0.32.	30			
34	"	AG211056.603197.211000.603280.	650	2.6	0.32.	30			
35	SB OFFSPLIT T080	AG211000.603280.210939.603387.	150	3.4	0.32.	15			
36	NB80RMLPT	AG210952.603364.210991.603296.	0.	12.	1				
37	SB OFFSPLIT T080	AG211000.603280.211006.603365.	1	3.3	0.32.	15			
38	"	AG211006.603365.211042.603414.	1	2.6	0.32.	30			
39	"	AG211039.603409.211008.603368.	0.	12.	1				
40	"	AG211042.603414.211180.603518.	1	2.6	0.32.	30			
41	WB 80	AG212296.604166.211969.603976.	1825	2.8	0.44.	40			
42	"	AG211969.603976.211863.603927.	1825	2.8	0.44.	40			
43	RT ON FR 80W	AG211863.603927.211763.603900.	550	2.8	0.44.	40			
44	"	AG211763.603900.211658.603923.	550	2.8	0.44.	40			
45	"	AG211700.603914.211755.603901.	0.	12.	1				
46	80 ON TO NB270	AG211658.603923.211599.604013.	1575	2.6	0.32.	35			
47	I-270 NB ON	AG211599.604013.211532.604055.	1575	2.6	0.32.	30			
48	"	AG211532.604055.211438.604062.	1575	2.6	0.32.	30			
49	"	AG211438.604062.211206.604048.	1575	2.6	0.32.	30			

50	1	"	AG211206.604048.211148.604025.	1575	2.6	0.	32.	30
51	1	"	AG211148.604025.211083.603964.	1575	2.6	0.	32.	30
52	1	"	AG211083.603964.211022.603890.	1575	2.6	0.	32.	30
53	1	"	AG211022.603890.210965.603858.	1575	2.6	0.	32.	30
54	1	"	AG210965.603858.210905.603856.	1575	2.6	0.	32.	30
55	1	"	AG210905.603856.210632.603909.	1575	2.6	0.	32.	30
56	2	80W THRU @NBOFF	AG211863.603927.211704.603824.	575	2.6	0.	32.	17
57	1	"	AG211726.603838.211805.603889.	0.	12.	1		
58	1	80WB TO SBOFF	AG211704.603824.211500.603713.	575	2.8	0.	32.	40
59	2	"	AG211500.603713.210937.603394.	675	2.8	0.	32.	40
60	1	90 Q	AG210962.603409.211025.603444.	0.	12.	1		
61	1	80 WB	AG210937.603394.210562.603186.	550	2.8	0.	32.	40
62	1	80EB NEAR SB RP	AG210570.603172.210667.603227.	425	2.8	0.	44.	40
63	1	"	AG210667.603227.210778.603284.	425	2.8	0.	44.	40
64	1	"	AG210778.603284.210850.603300.	2	2.8	0.	44.	40
65	2	"	AG210850.603300.210918.603294.	2	2.8	0.	44.	40
66	1	80EB @ SB RP RT	AG210907.603295.210853.603299.	0.	12.	1		
67	1	"	AG210918.603294.210980.603262.	2	2.8	0.	44.	40
68	1	80WB @ SB RP TL	AG210778.603284.210830.603323.	275	2.8	0.	44.	40
69	2	"	AG210830.603323.210939.603387.	275	2.8	0.	44.	40
70	1	90 Q	AG210915.603373.210841.603330.	0.	24.	2		
71	1	80EB @ NB RP	AG210939.603387.211180.603518.	425	2.8	0.	44.	40
72	1	"	AG211180.603518.211557.603727.	425	2.8	0.	44.	40
73	2	"	AG211557.603727.211989.603968.	425	2.8	0.	44.	40
74	1	eb r Q	AG210915.603373.210841.603330.	0.	12.	1		
75	2	eb thru Q	AG210915.603373.210841.603330.	0.	24.	2		
76	1	80 EB	AG211989.603968.212305.604152.	875	2.8	0.	44.	40
77	1	80 ON TO 270SB	AG210980.603262.211024.603189.	325	2.6	0.	32.	30
78	1	"	AG211024.603189.211087.603149.	325	2.6	0.	32.	30
79	1	"	AG211087.603149.211145.603140.	325	2.6	0.	32.	30
80	1	"	AG211145.603140.211440.603144.	325	2.6	0.	32.	30
81	1	"	AG211440.603144.211499.603163.	325	2.6	0.	32.	30
82	1	"	AG211499.603163.211594.603223.	325	2.6	0.	32.	30
83	1	"	AG211594.603223.211664.603235.	325	2.6	0.	32.	30
84	1	"	AG211664.603235.211775.603212.	325	2.6	0.	32.	30
85	1	I-270 NB	AG210521.603943.209400.604253.	7300	2.6	0.	44.	32
86	1	"	AG209400.604253.208836.604494.	7300	2.6	0.	44.	32
87	1	"	AG208836.604494.208166.604895.	7300	2.6	0.	44.	32
88	1	"	AG208166.604895.207724.605289.	7300	2.6	0.	44.	32
89	1	I-270 SB	AG207646.605231.208105.604843.	650	3.6	0.	44.	56
90	1	"	AG208105.604843.208804.604420.	650	3.6	0.	44.	56
91	1	"	AG208804.604420.209380.604177.	650	3.6	0.	44.	56
92	1	"	AG209380.604177.210495.603858.	650	3.6	0.	44.	56
93	1	I-270 NB	AG207724.605289.207503.605510.	7300	2.6	0.	44.	32
94	1	"	AG207503.605510.207122.605997.					

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:38:08.67

RUN: SITE 25 NB FINGERBOARD RDPM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1 I-270 NB	* 212123.0	602857.0	211994.0	603067.0	* 246.	328. AG	6100.	2.6	.0	44.0		
2. 2 "	* 211994.0	603067.0	211815.0	603289.0	* 285.	321. AG	6100.	2.6	.0	44.0		
3. 3 "	* 211815.0	603289.0	211559.0	603515.0	* 341.	311. AG	6100.	2.6	.0	44.0		
4. 4 "	* 211559.0	603515.0	211253.0	603705.0	* 360.	302. AG	6100.	2.6	.0	44.0		
5. 5 "	* 211253.0	603705.0	210964.0	603808.0	* 307.	290. AG	6100.	2.6	.0	44.0		
6. 6 "	* 210964.0	603808.0	210632.0	603909.0	* 347.	287. AG	6100.	2.6	.0	44.0		
7. 7 "	* 210632.0	603909.0	210521.0	603943.0	* 116.	287. AG	6100.	2.6	.0	44.0		
8. 8 NB OFF TO 80	* 211253.0	603705.0	211126.0	603793.0	* 155.	305. AG	325.	2.6	.0	32.0		
9. 9 "	* 211126.0	603793.0	211096.0	603870.0	* 83.	339. AG	325.	2.6	.0	32.0		
10. 10 "	* 211096.0	603870.0	211099.0	603928.0	* 58.	3. AG	325.	2.6	.0	32.0		
11. 11 "	* 211099.0	603928.0	211132.0	603985.0	* 66.	30. AG	325.	2.6	.0	32.0		
12. 12 "	* 211132.0	603985.0	211202.0	604026.0	* 81.	60. AG	325.	2.6	.0	32.0		
13. 13 "	* 211202.0	604026.0	211506.0	604039.0	* 304.	88. AG	325.	2.6	.0	32.0		
14. 14 "	* 211506.0	604039.0	211574.0	604009.0	* 74.	114. AG	325.	2.6	.0	32.0		
15. 15 "	* 211574.0	604009.0	211619.0	603949.0	* 75.	143. AG	325.	2.6	.0	32.0		
16. 16 NB OFF LEFT	* 211619.0	603949.0	211694.0	603814.0	* 154.	151. AG	275.	2.6	.0	44.0		
17. 17 " Q	* 211678.0	603844.0	211651.9	603890.3	* 53.	331. AG	120.	100.0	.0	24.0	.57	2.7
18. 18 NB OFF RIGHT	* 211619.0	603949.0	211622.0	603852.0	* 97.	178. AG	100.	2.6	.0	32.0		
19. 19 "	* 211622.0	603852.0	211576.0	603776.0	* 89.	211. AG	100.	2.6	.0	32.0		
20. 20 " Q	* 211581.0	603783.0	211601.1	603816.3	* 39.	31. AG	60.	100.0	.0	12.0	.44	2.0
21. 21 "	* 211576.0	603776.0	211500.0	603713.0	* 99.	230. AG	100.	2.6	.0	32.0		
22. 22 I-270 SB	* 210496.0	603858.0	210975.0	603725.0	* 497.	106. AG	2925.	3.7	.0	44.0		
23. 23 "	* 210975.0	603725.0	211238.0	603621.0	* 283.	112. AG	2925.	3.7	.0	44.0		
24. 24 "	* 211238.0	603621.0	211517.0	603438.0	* 334.	123. AG	2925.	3.7	.0	44.0		
25. 25 "	* 211517.0	603438.0	211675.0	603313.0	* 201.	128. AG	2925.	3.7	.0	44.0		
26. 26 "	* 211675.0	603313.0	211775.0	603212.0	* 142.	135. AG	2925.	3.7	.0	44.0		
27. 27 "	* 211775.0	603212.0	212061.0	602812.0	* 492.	144. AG	2925.	3.7	.0	44.0		
28. 28 270SB OFF TO 80	* 211517.0	603438.0	211562.0	603334.0	* 113.	157. AG	650.	2.6	.0	32.0		
29. 29 "	* 211562.0	603334.0	211547.0	603254.0	* 81.	191. AG	650.	2.6	.0	32.0		
30. 30 "	* 211547.0	603254.0	211495.0	603196.0	* 78.	222. AG	650.	2.6	.0	32.0		
31. 31 "	* 211495.0	603196.0	211437.0	603174.0	* 62.	249. AG	650.	2.6	.0	32.0		
32. 32 "	* 211437.0	603174.0	211134.0	603171.0	* 303.	269. AG	650.	2.6	.0	32.0		
33. 33 "	* 211134.0	603171.0	211056.0	603197.0	* 82.	288. AG	650.	2.6	.0	32.0		
34. 34 "	* 211056.0	603197.0	211000.0	603280.0	* 100.	326. AG	650.	2.6	.0	32.0		
35. 35 SB OFFSPLIT T080	* 211000.0	603280.0	210939.0	603387.0	* 123.	330. AG	150.	3.4	.0	32.0		
36. 36 NB80RMLPT	* 210952.0	603364.0	210981.0	603313.5	* 58.	150. AG	60.	100.0	.0	12.0	.51	3.0
37. 37 SB OFFSPLIT T080	* 211000.0	603280.0	211006.0	603365.0	* 85.	4. AG	1.	3.3	.0	32.0		
38. 38 "	* 211006.0	603365.0	211042.0	603414.0	* 61.	36. AG	1.	2.6	.0	32.0		
39. 39 "	* 211039.0	603409.0	211038.8	603408.7	* 0.	218. AG	62.	100.0	.0	12.0	.00	.0
40. 40 "	* 211042.0	603414.0	211180.0	603518.0	* 173.	53. AG	1.	2.6	.0	32.0		
41. 41 WB 80	* 212296.0	604166.0	211969.0	603976.0	* 378.	240. AG	1825.	2.8	.0	44.0		
42. 42 "	* 211969.0	603976.0	211863.0	603927.0	* 117.	245. AG	1825.	2.8	.0	44.0		
43. 43 RT ON FR 80W	* 211863.0	603927.0	211763.0	603900.0	* 104.	255. AG	550.	2.8	.0	44.0		
44. 44 "	* 211763.0	603900.0	211658.0	603923.0	* 107.	282. AG	550.	2.8	.0	44.0		

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:38:08.67

RUN: SITE 25 NB FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45 "	* 211700.0	603914.0	211700.0	603914.0	* 0.	70. AG	4.	100.0	.0	12.0	.00	.0
46. 46 80 ON TO NB270	* 211658.0	603923.0	211599.0	604013.0	* 108.	327. AG	1575.	2.6	.0	32.0		
47. 47 I-270 NB ON	* 211599.0	604013.0	211532.0	604055.0	* 79.	302. AG	1575.	2.6	.0	32.0		
48. 48 "	* 211532.0	604055.0	211438.0	604062.0	* 94.	274. AG	1575.	2.6	.0	32.0		
49. 49 "	* 211438.0	604062.0	211206.0	604048.0	* 232.	267. AG	1575.	2.6	.0	32.0		
50. 50 "	* 211206.0	604048.0	211148.0	604025.0	* 62.	248. AG	1575.	2.6	.0	32.0		
51. 51 "	* 211148.0	604025.0	211083.0	603964.0	* 89.	227. AG	1575.	2.6	.0	32.0		
52. 52 "	* 211083.0	603964.0	211022.0	603890.0	* 96.	219. AG	1575.	2.6	.0	32.0		
53. 53 "	* 211022.0	603890.0	210965.0	603858.0	* 65.	241. AG	1575.	2.6	.0	32.0		
54. 54 "	* 210965.0	603858.0	210905.0	603856.0	* 60.	268. AG	1575.	2.6	.0	32.0		
55. 55 "	* 210905.0	603856.0	210632.0	603909.0	* 278.	281. AG	1575.	2.6	.0	32.0		
56. 56 80W THRU @NB OFF	* 211863.0	603927.0	211704.0	603824.0	* 189.	237. AG	575.	2.6	.0	32.0		
57. 57 "	* 211726.0	603838.0	211842.2	603913.1	* 138.	57. AG	37.	100.0	.0	12.0	.69	7.0
58. 58 80WB TO SB OFF	* 211704.0	603824.0	211500.0	603713.0	* 232.	241. AG	575.	2.8	.0	32.0		
59. 59 "	* 211500.0	603713.0	210937.0	603394.0	* 647.	240. AG	675.	2.8	.0	32.0		
60. 60 " Q	* 210962.0	603409.0	211016.9	603439.5	* 63.	61. AG	14.	100.0	.0	12.0	.75	3.2
61. 61 80 WB	* 210937.0	603394.0	210562.0	603186.0	* 429.	241. AG	550.	2.8	.0	32.0		
62. 62 80EB NEAR SB RP	* 210570.0	603172.0	210667.0	603227.0	* 112.	60. AG	425.	2.8	.0	44.0		
63. 63 "	* 210667.0	603227.0	210778.0	603284.0	* 125.	63. AG	425.	2.8	.0	44.0		
64. 64 "	* 210778.0	603284.0	210850.0	603300.0	* 74.	77. AG	2.	2.8	.0	44.0		
65. 65 "	* 210850.0	603300.0	210918.0	603294.0	* 68.	95. AG	2.	2.8	.0	44.0		
66. 66 80EB @ SB RP RT	* 210907.0	603295.0	210907.0	603295.0	* 0.	250. AG	4.	100.0	.0	12.0	.00	.0
67. 67 "	* 210918.0	603294.0	210980.0	603262.0	* 70.	117. AG	2.	2.8	.0	44.0		
68. 68 80WB @ SB RP TL	* 210778.0	603284.0	210830.0	603323.0	* 65.	53. AG	275.	2.8	.0	44.0		
69. 69 "	* 210830.0	603323.0	210939.0	603387.0	* 126.	60. AG	275.	2.8	.0	44.0		
70. 70 " Q	* 210915.0	603373.0	210915.0	603373.0	* 0.	250. AG	8.	100.0	.0	24.0	.00	.0
71. 71 80EB @ NB RP	* 210939.0	603387.0	211180.0	603518.0	* 274.	61. AG	425.	2.8	.0	44.0		
72. 72 "	* 211180.0	603518.0	211557.0	603727.0	* 431.	61. AG	425.	2.8	.0	44.0		
73. 73 "	* 211557.0	603727.0	211989.0	603968.0	* 495.	61. AG	425.	2.8	.0	44.0		
74. 74 eb r Q	* 210915.0	603373.0	210914.9	603373.0	* 0.	240. AG	10.	100.0	.0	12.0	.00	.0
75. 75 eb thru Q	* 210915.0	603373.0	210898.0	603363.1	* 20.	240. AG	29.	100.0	.0	24.0	.15	1.0
76. 74 80 EB	* 211989.0	603968.0	212305.0	604152.0	* 366.	60. AG	875.	2.8	.0	44.0		
77. 75 80 ON TO 270SB	* 210980.0	603262.0	211024.0	603189.0	* 85.	149. AG	325.	2.6	.0	32.0		
78. 76 "	* 211024.0	603189.0	211087.0	603149.0	* 75.	122. AG	325.	2.6	.0	32.0		
79. 77 "	* 211087.0	603149.0	211145.0	603140.0	* 59.	99. AG	325.	2.6	.0	32.0		
80. 78 "	* 211145.0	603140.0	211440.0	603144.0	* 295.	89. AG	325.	2.6	.0	32.0		

S25NB30P.OUT

81.	79	"	*	211440.0	603144.0	211499.0	603163.0	*	62.	72.	AG	325.	2.6	.0	32.0
82.	80	"	*	211499.0	603163.0	211594.0	603223.0	*	112.	58.	AG	325.	2.6	.0	32.0
83.	81	"	*	211594.0	603223.0	211664.0	603235.0	*	71.	80.	AG	325.	2.6	.0	32.0
84.	82	"	*	211664.0	603235.0	211775.0	603212.0	*	113.	102.	AG	325.	2.6	.0	32.0
85.	83	I-270 NB	*	210521.0	603943.0	209400.0	604253.0	*	1163.	285.	AG	7300.	2.6	.0	44.0
86.	84	"	*	209400.0	604253.0	208836.0	604494.0	*	613.	293.	AG	7300.	2.6	.0	44.0
87.	85	"	*	208836.0	604494.0	208166.0	604895.0	*	781.	301.	AG	7300.	2.6	.0	44.0
88.	86	"	*	208166.0	604895.0	207724.0	605289.0	*	592.	312.	AG	7300.	2.6	.0	44.0
89.	87	I-270 SB	*	207646.0	605231.0	208105.0	604843.0	*	601.	130.	AG	650.	3.6	.0	44.0
90.	88	"	*	208105.0	604843.0	208804.0	604420.0	*	817.	121.	AG	650.	3.6	.0	44.0
91.	89	"	*	208804.0	604420.0	209380.0	604177.0	*	625.	113.	AG	650.	3.6	.0	44.0
92.	90	"	*	209380.0	604177.0	210495.0	603858.0	*	1160.	106.	AG	650.	3.6	.0	44.0
93.	91	I-270 NB	*	207724.0	605289.0	207503.0	605510.0	*	313.	315.	AG	7300.	2.6	.0	44.0
94.	92	"	*	207503.0	605510.0	207122.0	605997.0	*	618.	322.	AG	7300.	2.6	.0	44.0
95.	93	"	*	207122.0	605997.0	206735.0	606587.0	*	706.	327.	AG	7300.	2.6	.0	44.0

1

PAGE 3

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:38:08.67

RUN: SITE 25 NB FINGERBOARD RDPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* Y2	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)			
96. 94 I-270 SB	*	206638.0	606543.0	206943.0	606090.0	*	546.	146.	AG	650.	3.6	.0	44.0
97. 95 "	*	206943.0	606090.0	207418.0	605459.0	*	790.	143.	AG	650.	3.6	.0	44.0
98. 96 "	*	207418.0	605459.0	207644.0	605229.0	*	322.	136.	AG	650.	3.6	.0	44.0

1

PAGE 4

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:38:08.67

RUN: SITE 25 NB FINGERBOARD RDPM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
17. 17 " Q	*	90	71	4.0	275	1681	28.30	2 3
20. 20 " Q	*	90	71	4.0	100	1583	28.30	2 3
36. 36 " NB80RMLT	*	90	71	2.0	150	1770	28.30	1 3
39. 39 " Q	*	90	73	2.0	1	1750	28.30	3 3
45. 45 " Q	*	90	5	2.0	1	1750	28.30	1 3
57. 57 " Q	*	90	44	4.0	575	1863	28.30	2 3
60. 60 " Q	*	90	17	2.0	675	1182	28.30	3 3
66. 66 80EB @ SB RP RT	*	90	5	2.0	1	1750	28.30	3 3
70. 70 " Q	*	90	5	2.0	2	1750	28.30	1 3
74. 70 eb r Q	*	150	19	4.0	1	712	28.30	2 3
75. 70 eb thru Q	*	90	17	4.0	425	1863	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Z
1. S25 RES.	*	207073.0 605797.0	5.0

1

PAGE 5

JOB: NB FINGERBOARD RD(S25NB30A.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.2
5.	*	.3
10.	*	.2
15.	*	.2
20.	*	.2
25.	*	.2
30.	*	.2
35.	*	.2
40.	*	.2
45.	*	.2
50.	*	.2
55.	*	.2
60.	*	.2
65.	*	.2
70.	*	.2
75.	*	.2
80.	*	.2
85.	*	.2
90.	*	.2
95.	*	.2
100.	*	.2
105.	*	.2
110.	*	.2
115.	*	.2
120.	*	.3
125.	*	.3
130.	*	.3
135.	*	.2
140.	*	.0
145.	*	.0
150.	*	.0

S25NB30P.OUT

155. * .0
160. * .0
165. * .0
170. * .0
175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 6

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .1
335. * .1
340. * .2
345. * .2
350. * .2
355. * .2
360. * .2
-----*-----

MAX * .3
DEGR. * 5

THE HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)
DATE: 12/20/2006 TIME: 10:38:08.67

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 5
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0

S25NB30P.OUT

36 * .0
37 * .0
38 * .0
39 * .0
40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: NB FINGERBOARD RD(S25NB30A.DAT)

RUN: SITE 25 NB FINGERBOARD RDPM

PAGE 8

CO/LINK (PPM)
ANGLE (DEGREES)
REC1
LINK # 5

46 * .0
47 * .0
48 * .0
49 * .0
50 * .0
51 * .0
52 * .0
53 * .0
54 * .0
55 * .0
56 * .0
57 * .0
58 * .0
59 * .0
60 * .0
61 * .0
62 * .0
63 * .0
64 * .0
65 * .0
66 * .0
67 * .0
68 * .0
69 * .0
70 * .0
71 * .0
72 * .0
73 * .0
74 * .0
75 * .0
76 * .0
77 * .0
78 * .0
79 * .0
80 * .0
81 * .0
82 * .0
83 * .0
84 * .0
85 * .0
86 * .0
87 * .0
88 * .0
89 * .0
90 * .0
91 * .0
92 * .0
93 * .0
94 * .1
95 * .2
96 * .0
97 * .0
98 * .0

B130AM FINGERBOARD RD 60.0175.0.0000.000010.30480000 S25B130A.DAT 11 1
 S25 RES. 207073. 605797. 5.0
 B130AM FINGERBOARD RD 98 1 1

16	1	NB off RMPAG211619.603949.211694.603814.	125 2.6 0. 44.	30
17	2	NB off RMPAG211678.603844.211643.603906.	0. 24. 2	
150	133	3 125 28.3 1681 3 3		
18	1	NB off RMPAG211619.603949.211622.603852.	25 2.6 0. 32.	30
1	1	NB off RamAG211622.603852.211576.603776.	25 2.6 0. 32.	30
20	2	NB off RamAG211581.603783.211619.603846.	0. 12. 1	
150	133	3 25 28.3 1583 3 3		
20	1	NB off RamAG211576.603776.211500.603713.	25 2.6 0. 32.	30
36	1	NB 80 ONRAAG211000.603280.210939.603387.	625 2.6 0. 32.	30
43	1	NB on RMP AG211863.603927.211763.603900.	625 2.6 0. 32.	30
1	1	NB on RMP AG211763.603900.211658.603923.	625 2.6 0. 32.	30
2	2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1	
150	5	3 625 28.3 1583 3 3		
1	1	NB RMP WT8AG211863.603927.211704.603824.	425 2.6 0. 32.	30
57	2	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1	
150	28	3 425 28.3 1863 3 3		
1	1	NB RMP E80AG211705.603811.211556.603727.	1850 2.6 0. 44.	61
2	2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2	
150	15	5.0 1850 28.3 1352 3 3		
dp	1	NB RMP E80AG212302.604151.211707.603812.	1775 2.8 0. 44.	40
1	1	NB on RMP AG210486.603978.210661.603955.	825 2.6 0. 32.	61
0	1	NB on RMP AG210661.603955.210810.603952.	825 2.6 0. 32.	61
0	1	NB on RMP AG210810.603952.211023.603995.	825 2.6 0. 32.	61
0	1	NB on RMP AG211023.603995.211207.604048.	825 2.6 0. 32.	61
0	1	NB on RMP AG211207.604048.211523.604060.	825 2.6 0. 32.	61
0	1	NB on RMP AG211523.604060.211609.604006.	825 2.6 0. 32.	61
0	1	NB on RMP AG211609.604006.211660.603921.	825 2.6 0. 32.	61
1	1	NB RMP CirAG211376.603670.211303.603731.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211303.603731.211187.603798.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211187.603798.211149.603856.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211149.603856.211147.603933.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211147.603933.211199.604010.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211199.604010.211306.604034.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211306.604034.211515.604036.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211515.604036.211583.604001.	150 2.6 0. 32.	61
0	1	NB RMP CirAG211583.604001.211619.603948.	150 2.6 0. 32.	61
41	1	WB 80 AG212296.604166.211969.603976.	1050 2.8 0. 44.	40
42	1	WB 80 AG211969.603976.211863.603927.	1050 2.8 0. 44.	40
58	1	wb 80 AG211704.603824.211500.603713.	450 2.8 0. 32.	40
64	1	EB 80SB270AG210778.603284.210850.603300.	725 2.8 0. 44.	40
65	1	EB 80SB270AG210850.603300.210918.603294.	725 2.8 0. 44.	40
66	1	EB 80SB270AG210918.603294.210980.603262.	725 2.8 0. 44.	40
71	1	EB 80 AG210939.603387.211180.603518.	725 2.8 0. 44.	40
72	1	EB 80 AG211180.603518.211557.603727.	725 2.8 0. 44.	40
2	2	SB RMP E80AG210940.603389.210778.603295.	725 2.8 0. 56.	40
150	52	5.0 725 28.3 1863 3 3	0. 36. 3	
0	1	SB RMP E80AG210772.603286.210466.603118.	1775 2.8 0. 56.	40
1	1	SB RMP WL8AG210939.603399.211080.603480.	250 2.8 0. 44.	40
2	2	SB RMP WL8AG210949.603404.211047.603461.	0. 24. 2	
150	52	5.0 250 28.3 493 3 3		
0	1	SB RMP WT8AG210933.603408.211079.603489.	250 2.8 0. 44.	40
1	1	SB RMP W80AG211083.603489.211492.603717.	1000 2.8 0. 44.	40
0	1	SB RMP W80AG210512.603159.210932.603403.	200 2.8 0. 44.	40
1	1	SB RMP WL AG210983.603264.210920.603384.	250 2.8 0. 32.	40

S25B130A.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211049.603414.211008.603364.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211008.603364.211004.603287.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211004.603287.211029.603227.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211029.603227.211089.603177.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211089.603177.211193.603166.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211193.603166.211419.603175.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211419.603175.211499.603251.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211499.603251.211511.603344.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211511.603344.211486.603403.	1125 2.6	0. 32.	30
0	1	SB RMP CirAG211486.603403.211423.603469.	1125 2.6	0. 32.	30
0	1	SB On RMP AG212132.602583.212057.602692.	350 2.6	0. 32.	30
0	1	SB On RMP AG212057.602692.211962.602817.	350 2.6	0. 32.	30
0	1	SB On RMP AG211962.602817.211858.602905.	350 2.6	0. 32.	30
0	1	SB On RMP AG211858.602905.211734.602975.	350 2.6	0. 32.	30
0	1	SB On RMP AG211734.602975.211590.603019.	350 2.6	0. 32.	30
0	1	SB On RMP AG211590.603019.211347.603049.	350 2.6	0. 32.	30
0	1	SB On RMP AG211347.603049.211193.603089.	350 2.6	0. 32.	30
0	1	SB On RMP AG211193.603089.211084.603156.	350 2.6	0. 32.	30
0	1	SB On RMP AG211084.603156.211020.603194.	350 2.6	0. 32.	30
0	1	SB On RMP AG211020.603194.210976.603256.	350 2.6	0. 32.	30
0	1	NB GP AG210288.604040.210994.603831.	2425 3.8	0. 44.	60
0	1	NB GP AG210994.603831.211305.603711.	2425 3.8	0. 44.	60
0	1	NB GP AG211305.603711.211575.603546.	2425 3.8	0. 44.	60
0	1	NB GP AG211575.603546.211828.603315.	2425 3.8	0. 44.	60
0	1	NB GP AG211828.603315.211976.603144.	2425 3.8	0. 44.	60
0	1	NB GP AG211976.603144.212095.602967.	2425 3.8	0. 44.	60
0	1	NB ETL AG210281.603985.210773.603848.	1050 3.8	0. 32.	60
0	1	NB ETL AG210773.603848.211062.603762.	1050 3.8	0. 32.	60
0	1	NB ETL AG211062.603762.211342.603634.	1050 3.8	0. 32.	60
0	1	NB ETL AG211342.603634.211533.603513.	1050 3.8	0. 32.	60
0	1	NB ETL AG211533.603513.211718.603362.	1050 3.8	0. 32.	60
0	1	NB ETL AG211718.603362.211890.603183.	1050 3.8	0. 32.	60
0	1	NB ETL AG211890.603183.212018.603004.	1050 3.8	0. 32.	60
0	1	NB ETL AG212018.603004.212104.602860.	1050 3.8	0. 32.	60
0	1	SB ETL AG212069.602828.211997.602953.	1800 3.6	0. 32.	56
0	1	SB ETL AG211997.602953.211855.603148.	1800 3.6	0. 32.	56
0	1	SB ETL AG211855.603148.211711.603304.	1800 3.6	0. 32.	56
0	1	SB ETL AG211711.603304.211544.603446.	1800 3.6	0. 32.	56
0	1	SB ETL AG211544.603446.211308.603599.	1800 3.6	0. 32.	56
0	1	SB ETL AG211308.603599.211112.603692.	1800 3.6	0. 32.	56
0	1	SB ETL AG211112.603692.210901.603766.	1800 3.6	0. 32.	56
0	1	SB ETL AG210901.603766.210314.603929.	1800 3.6	0. 32.	56
0	1	SB GP AG212064.602739.211923.602984.	5725 3.6	0. 44.	56
0	1	SB GP AG211923.602984.211730.603225.	5725 3.6	0. 44.	56
0	1	SB GP AG211730.603225.211584.603358.	5725 3.6	0. 44.	56
0	1	SB GP AG211584.603358.211349.603520.	5725 3.6	0. 44.	56
0	1	SB GP AG211349.603520.211054.603666.	5725 3.6	0. 44.	56
0	1	SB GP AG211054.603666.210639.603797.	5725 3.6	0. 44.	56
0	1	SB GP AG210639.603797.210231.603904.	5725 3.6	0. 44.	56

1.0 0.4 1000. 0.0Y 5 0 72

JOB: B130AM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:44:52.92

RUN: B130AM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.6	.0	44.0		
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38	2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.6	.0	32.0		
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.6	.0	32.0		
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16	.9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.6	.0	32.0		
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	625.	2.6	.0	32.0		
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	625.	2.6	.0	32.0		
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	625.	2.6	.0	32.0		
10.	NB on RMP*	211700.0	603914.0	211716.6	603910.1	*	17.	103. AG	3.	100.0	.0	12.0	.42	.9
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.6	.0	32.0		
12. 57	NB RMP W78*	211726.0	603838.0	211780.7	603873.3	*	65.	57. AG	14.	100.0	.0	12.0	.29	3.3
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1850.	2.6	.0	44.0		
14.	NB RMP E80*	211687.0	603801.0	211620.9	603763.7	*	76.	241. AG	15.	100.0	.0	24.0	.80	3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1775.	2.8	.0	44.0		
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	825.	2.6	.0	32.0		
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	825.	2.6	.0	32.0		
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	825.	2.6	.0	32.0		
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	825.	2.6	.0	32.0		
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	825.	2.6	.0	32.0		
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	825.	2.6	.0	32.0		
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	825.	2.6	.0	32.0		
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.6	.0	32.0		
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.6	.0	32.0		
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.6	.0	32.0		
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.6	.0	32.0		
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.6	.0	32.0		
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.6	.0	32.0		
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.6	.0	32.0		
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.6	.0	32.0		
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.6	.0	32.0		
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.8	.0	44.0		
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.8	.0	44.0		
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	450.	2.8	.0	32.0		
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	725.	2.8	.0	44.0		
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	725.	2.8	.0	44.0		
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	725.	2.8	.0	44.0		
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	725.	2.8	.0	44.0		
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	725.	2.8	.0	44.0		
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	725.	2.8	.0	56.0		
41.	SB RMP E80*	210928.0	603383.0	209676.9	602650.4	*	1450.	240. AG	78.	100.0	.0	36.0	2.15	73.7
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1775.	2.8	.0	56.0		
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	250.	2.8	.0	44.0		
44.	SB RMP WL8*	210949.0	603404.0	211895.0	603954.3	*	1094.	60. AG	52.	100.0	.0	24.0	4.31	55.6

JOB: B130AM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:44:52.92

RUN: B130AM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	250.	2.8	.0	44.0		
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	1000.	2.8	.0	44.0		
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.8	.0	44.0		
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	250.	2.8	.0	32.0		
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1125.	2.6	.0	32.0		
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1125.	2.6	.0	32.0		
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1125.	2.6	.0	32.0		
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1125.	2.6	.0	32.0		
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1125.	2.6	.0	32.0		
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1125.	2.6	.0	32.0		
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1125.	2.6	.0	32.0		
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1125.	2.6	.0	32.0		
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1125.	2.6	.0	32.0		
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1125.	2.6	.0	32.0		
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1125.	2.6	.0	32.0		
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	350.	2.6	.0	32.0		
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	350.	2.6	.0	32.0		
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	350.	2.6	.0	32.0		
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	350.	2.6	.0	32.0		
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	350.	2.6	.0	32.0		
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	350.	2.6	.0	32.0		
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	350.	2.6	.0	32.0		
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	350.	2.6	.0	32.0		
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	350.	2.6	.0	32.0		
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	350.	2.6	.0	32.0		
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2425.	3.8	.0	44.0		
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2425.	3.8	.0	44.0		
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2425.	3.8	.0	44.0		
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2425.	3.8	.0	44.0		
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2425.	3.8	.0	44.0		
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2425.	3.8	.0	44.0		
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1050.	3.8	.0	32.0		
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1050.	3.8	.0	32.0		
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1050.	3.8	.0	32.0		
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1050.	3.8	.0	32.0		
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1050.	3.8	.0	32.0		

S25B130A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1050.	3.8	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1050.	3.8	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1050.	3.8	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1800.	3.6	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1800.	3.6	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1800.	3.6	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1800.	3.6	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1800.	3.6	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1800.	3.6	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1800.	3.6	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1800.	3.6	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	5725.	3.6	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	5725.	3.6	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	5725.	3.6	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	5725.	3.6	.0 44.0

1

JOB: B130AM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:44:52.92

RUN: B130AM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	5725.	3.6	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	5725.	3.6	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	5725.	3.6	.0 44.0		

1

JOB: B130AM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:44:52.92

RUN: B130AM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10. 10	NB on RMP *	150	5	.3	625	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	425	1863	28.30	3	3
14. 14	NB RMP E80*	150	15	5.0	1850	1352	28.30	3	3
41. 41	SB RMP E80*	150	52	5.0	725	186	28.00	1	3
44. 44	SB RMP WL8*	150	52	5.0	250	49	28.00	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B130AM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

```

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

```

1

JOB: B130AM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

```

```

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0

```

```

-----*-----
MAX * .0
DEGR. * 0

```

```

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

JOB: B130AM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 7

DATE: 12/22/2006 TIME: 22:44:52.92

```

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

```

40 * .0
 41 * .0
 42 * .0
 43 * .0
 44 * .0
 45 * .0

S25B130A.OUT

1

JOB: B130AM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B130PM FINGERBOARD RD		60.0175.0.0000.000010.30480000		S25B130P.DAT		11 1	
S25 RES.		207073. 605797. 5.0					
B130AM FINGERBOARD RD		98 1 1					
16	NB off RMPAG211619.603949.211694.603814.	150	2.6	0.	44.	30	
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2			
90	72 3 150 28.3 1681 3 3						
18	NB off RMPAG211619.603949.211622.603852.	150	2.6	0.	32.	30	
1	NB off RamAG211622.603852.211576.603776.	150	2.6	0.	32.	30	
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1			
90	72 3 150 28.3 1661 3 3						
20	NB off RamAG211576.603776.211500.603713.	150	2.6	0.	32.	30	
36	NB 80 ONRAAG211000.603280.210939.603387.	1175	2.6	0.	32.	30	
43	NB on RMP AG211863.603927.211763.603900.	1175	2.6	0.	32.	30	
1	NB on RMP AG211763.603900.211658.603923.	1175	2.6	0.	32.	30	
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1			
90	5 3 1175 28.3 1583 3 3						
1	NB RMP WT8AG211863.603927.211704.603824.	425	2.8	0.	32.	40	
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1			
90	46 3 425 28.3 1863 3 3						
1	NB RMP E80AG211705.603811.211556.603727.	875	2.8	0.	44.	40	
2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2			
90	16 5.0 875 28.3 1207 3 3						
dp	NB RMP E80AG212302.604151.211707.603812.	625	2.8	0.	44.	40	
1	NB on RMP AG210486.603978.210661.603955.	1575	2.6	0.	32.	61	
0	NB on RMP AG210661.603955.210810.603952.	1575	2.6	0.	32.	61	
0	NB on RMP AG210810.603952.211023.603995.	1575	2.6	0.	32.	61	
0	NB on RMP AG211023.603995.211207.604048.	1575	2.6	0.	32.	61	
0	NB on RMP AG211207.604048.211523.604060.	1575	2.6	0.	32.	61	
0	NB on RMP AG211523.604060.211609.604006.	1575	2.6	0.	32.	61	
0	NB on RMP AG211609.604006.211660.603921.	1575	2.6	0.	32.	61	
0	NB RMP CirAG211376.603670.211303.603731.	225	2.6	0.	32.	61	
0	NB RMP CirAG211303.603731.211187.603798.	225	2.6	0.	32.	61	
0	NB RMP CirAG211187.603798.211149.603856.	225	2.6	0.	32.	61	
0	NB RMP CirAG211149.603856.211147.603933.	225	2.6	0.	32.	61	
0	NB RMP CirAG211147.603933.211199.604010.	225	2.6	0.	32.	61	
0	NB RMP CirAG211199.604010.211306.604034.	225	2.6	0.	32.	61	
0	NB RMP CirAG211306.604034.211515.604036.	225	2.6	0.	32.	61	
0	NB RMP CirAG211515.604036.211583.604001.	225	2.6	0.	32.	61	
0	NB RMP CirAG211583.604001.211619.603948.	225	2.6	0.	32.	61	
41	WB 80 AG212296.604166.211969.603976.	1600	2.8	0.	44.	40	
42	WB 80 AG211969.603976.211863.603927.	1600	2.8	0.	44.	40	
58	wb 80 AG211704.603824.211500.603713.	500	2.8	0.	32.	40	
64	EB 80SB270AG210778.603284.210850.603300.	425	2.8	0.	44.	40	
65	EB 80SB270AG210850.603300.210918.603294.	425	2.8	0.	44.	40	
66	EB 80SB270AG210918.603294.210980.603262.	425	2.8	0.	44.	40	
71	EB 80 AG210939.603387.211180.603518.	425	2.8	0.	44.	40	
72	EB 80 AG211180.603518.211557.603727.	425	2.8	0.	44.	40	
1	SB RMP E80AG210940.603389.210778.603295.	425	2.8	0.	44.	40	
60	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3			
14	5.0 425 28.3 1863 3 3						
0	SB RMP E80AG210772.603286.210466.603118.	625	2.8	0.	56.	40	
1	SB RMP WL8AG210939.603399.211080.603480.	150	2.8	0.	44.	40	
2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2			
60	14 5.0 150 28.3 1413 3 3						
0	SB RMP WT8AG210933.603408.211079.603489.	150	2.8	0.	44.	40	
1	SB RMP W80AG211083.603489.211492.603717.	525	2.8	0.	44.	40	
0	SB RMP W80AG210512.603159.210932.603403.	350	2.8	0.	44.	40	
1	SB RMP WL AG210983.603264.210920.603384.	150	2.8	0.	44.	40	

S25B130P.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211049.603414.211008.603364.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211008.603364.211004.603287.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211004.603287.211029.603227.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211029.603227.211089.603177.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211089.603177.211193.603166.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211193.603166.211419.603175.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211419.603175.211499.603251.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211499.603251.211511.603344.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211511.603344.211486.603403.	450 2.6 0. 32.	61	
0	1	SB RMP CirAG211486.603403.211423.603469.	450 2.6 0. 32.	61	
0	1	SB On RMP AG212132.602583.212057.602692.	200 2.6 0. 32.	61	
0	1	SB On RMP AG212057.602692.211962.602817.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211962.602817.211858.602905.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211858.602905.211734.602975.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211734.602975.211590.603019.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211590.603019.211347.603049.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211347.603049.211193.603089.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211193.603089.211084.603156.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211084.603156.211020.603194.	200 2.6 0. 32.	61	
0	1	SB On RMP AG211020.603194.210976.603256.	200 2.6 0. 32.	61	
0	1	NB GP AG210288.604040.210994.603831.	5450 3.7 0. 44.	59	
0	1	NB GP AG210994.603831.211305.603711.	5450 3.7 0. 44.	59	
0	1	NB GP AG211305.603711.211575.603546.	5450 3.7 0. 44.	59	
0	1	NB GP AG211575.603546.211828.603315.	5450 3.7 0. 44.	59	
0	1	NB GP AG211828.603315.211976.603144.	5450 3.7 0. 44.	59	
0	1	NB GP AG211976.603144.212095.602967.	5450 3.7 0. 44.	59	
0	1	NB ETL AG210281.603985.210773.603848.	1775 3.7 0. 32.	59	
0	1	NB ETL AG210773.603848.211062.603762.	1775 3.7 0. 32.	59	
0	1	NB ETL AG211062.603762.211342.603634.	1775 3.7 0. 32.	59	
0	1	NB ETL AG211342.603634.211533.603513.	1775 3.7 0. 32.	59	
0	1	NB ETL AG211533.603513.211718.603362.	1775 3.7 0. 32.	59	
0	1	NB ETL AG211718.603362.211890.603183.	1775 3.7 0. 32.	59	
0	1	NB ETL AG211890.603183.212018.603004.	1775 3.7 0. 32.	59	
0	1	NB ETL AG212018.603004.212104.602860.	1775 3.7 0. 32.	59	
0	1	SB ETL AG212069.602828.211997.602953.	775 3.8 0. 32.	60	
0	1	SB ETL AG211997.602953.211855.603148.	775 3.8 0. 32.	60	
0	1	SB ETL AG211855.603148.211711.603304.	775 3.8 0. 32.	60	
0	1	SB ETL AG211711.603304.211544.603446.	775 3.8 0. 32.	60	
0	1	SB ETL AG211544.603446.211308.603599.	775 3.8 0. 32.	60	
0	1	SB ETL AG211308.603599.211112.603692.	775 3.8 0. 32.	60	
0	1	SB ETL AG211112.603692.210901.603766.	775 3.8 0. 32.	60	
0	1	SB ETL AG210901.603766.210314.603929.	775 3.8 0. 32.	60	
0	1	SB GP AG212064.602739.211923.602984.	2300 3.8 0. 44.	60	
0	1	SB GP AG211923.602984.211730.603225.	2300 3.8 0. 44.	60	
0	1	SB GP AG211730.603225.211584.603358.	2300 3.8 0. 44.	60	
0	1	SB GP AG211584.603358.211349.603520.	2300 3.8 0. 44.	60	
0	1	SB GP AG211349.603520.211054.603666.	2300 3.8 0. 44.	60	
0	1	SB GP AG211054.603666.210639.603797.	2300 3.8 0. 44.	60	
0	1	SB GP AG210639.603797.210231.603904.	2300 3.8 0. 44.	60	
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B130PM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:48:25.53

RUN: B130AM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.6	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211663.5	603869.8	*	30.	331. AG	121.	100.0	.0	24.0	.26 1.5
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	150.	2.6	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	150.	2.6	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211611.5	603833.6	*	59.	31. AG	61.	100.0	.0	12.0	.52 3.0
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	150.	2.6	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1175.	2.6	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1175.	2.6	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1175.	2.6	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211739.4	603904.7	*	40.	103. AG	4.	100.0	.0	12.0	.81 2.1
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	425.	2.8	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211815.8	603896.0	*	107.	57. AG	39.	100.0	.0	12.0	.49 5.4
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.8	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211653.7	603782.2	*	38.	241. AG	27.	100.0	.0	24.0	.49 1.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.8	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1575.	2.6	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1575.	2.6	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1575.	2.6	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1575.	2.6	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1575.	2.6	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1575.	2.6	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1575.	2.6	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.6	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.6	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.6	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.6	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.6	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.6	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.6	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.6	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.6	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.8	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.8	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	500.	2.8	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	425.	2.8	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	425.	2.8	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	425.	2.8	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	425.	2.8	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	425.	2.8	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	425.	2.8	.0	44.0	
41.	SB RMP E80*	210928.0	603383.0	210918.7	603377.6	*	11.	240. AG	53.	100.0	.0	36.0	.12 .5
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.8	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.8	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	35.	100.0	.0	24.0	.08 .3

JOB: B130PM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:48:25.53

RUN: B130AM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	150.	2.8	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	525.	2.8	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	350.	2.8	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	150.	2.8	.0	44.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	450.	2.6	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	450.	2.6	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	450.	2.6	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	450.	2.6	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	450.	2.6	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	450.	2.6	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	450.	2.6	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	450.	2.6	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	450.	2.6	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	450.	2.6	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	450.	2.6	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	200.	2.6	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	200.	2.6	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	200.	2.6	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	200.	2.6	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	200.	2.6	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	200.	2.6	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	200.	2.6	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	200.	2.6	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	200.	2.6	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	200.	2.6	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	5450.	3.7	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	5450.	3.7	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	5450.	3.7	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	5450.	3.7	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	5450.	3.7	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	5450.	3.7	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1775.	3.7	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1775.	3.7	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1775.	3.7	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1775.	3.7	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1775.	3.7	.0	32.0	

S25B130P.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1775.	3.7	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1775.	3.7	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1775.	3.7	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	775.	3.8	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	775.	3.8	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	775.	3.8	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	775.	3.8	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	775.	3.8	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	775.	3.8	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	775.	3.8	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	775.	3.8	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2300.	3.8	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2300.	3.8	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2300.	3.8	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2300.	3.8	.0 44.0

1

JOB: B130PM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:48:25.53

RUN: B130AM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2300.	3.8	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2300.	3.8	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2300.	3.8	.0 44.0		

1

JOB: B130PM FINGERBOARD RD
DATE: 12/22/2006 TIME: 22:48:25.53

RUN: B130AM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	72	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	72	.3	150	1661	28.30	3	3
10. 10	NB on RMP *	90	5	.3	1175	1583	28.30	3	3
12. 57	NB RMP WT8*	90	46	.3	425	1863	28.30	3	3
14. 14	NB RMP E80*	90	16	5.0	875	1207	28.30	3	3
41. 41	SB RMP E80*	60	14	5.0	425	1863	28.30	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1413	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B130PM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

175. * .0
 180. * .0
 185. * .0
 190. * .0
 195. * .0
 200. * .0
 205. * .0

1

JOB: B130PM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 6

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC1

-----*-----
 210. * .0
 215. * .0
 220. * .0
 225. * .0
 230. * .0
 235. * .0
 240. * .0
 245. * .0
 250. * .0
 255. * .0
 260. * .0
 265. * .0
 270. * .0
 275. * .0
 280. * .0
 285. * .0
 290. * .0
 295. * .0
 300. * .0
 305. * .0
 310. * .0
 315. * .0
 320. * .0
 325. * .0
 330. * .0
 335. * .0
 340. * .0
 345. * .0
 350. * .0
 355. * .0
 360. * .0
 -----*-----
 MAX * .0
 DEGR. * 0

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
 THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

1

JOB: B130PM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 7

DATE: 12/22/2006 TIME: 22:48:25.53

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1
 LINK # * 0
 -----*-----
 1 * .0
 2 * .0
 3 * .0
 4 * .0
 5 * .0
 6 * .0
 7 * .0
 8 * .0
 9 * .0
 10 * .0
 11 * .0
 12 * .0
 13 * .0
 14 * .0
 15 * .0
 16 * .0
 17 * .0
 18 * .0
 19 * .0
 20 * .0
 21 * .0
 22 * .0
 23 * .0
 24 * .0
 25 * .0
 26 * .0
 27 * .0
 28 * .0
 29 * .0
 30 * .0
 31 * .0
 32 * .0
 33 * .0
 34 * .0
 35 * .0
 36 * .0
 37 * .0
 38 * .0
 39 * .0

40 * .0
 41 * .0
 42 * .0
 43 * .0
 44 * .0
 45 * .0

S25B130P.OUT

1

JOB: B130PM FINGERBOARD RD

RUN: B130AM FINGERBOARD RD

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B230AM FINGERBOARD RD 60.0175.0.0000.000010.30480000 S25B230A.DAT 11 1
 S25 RES. 207073. 605797. 5.0
 B230AM FINGERBOARD RD 98 1 1

16	1	NB off RMPAG211619.603949.211694.603814.	125 2.7 0. 44.	30
17	2	NB off RMPAG211678.603844.211643.603906.	0. 24. 2	
150	133	3 125 28.3 1681 3 3		
18	1	NB off RMPAG211619.603949.211622.603852.	25 2.7 0. 32.	30
1	1	NB off RamAG211622.603852.211576.603776.	25 2.7 0. 32.	30
20	2	NB off RamAG211581.603783.211619.603846.	0. 12. 1	
150	133	3 25 28.3 1583 3 3		
20	1	NB off RamAG211576.603776.211500.603713.	25 2.7 0. 32.	30
36	1	NB 80 ONRAAG211000.603280.210939.603387.	650 2.7 0. 32.	30
43	1	NB on RMP AG211863.603927.211763.603900.	650 2.7 0. 32.	30
1	1	NB on RMP AG211763.603900.211658.603923.	650 2.7 0. 32.	30
2	2	NB on RMP AG211700.603914.211755.603901.	0. 12. 1	
150	1	3 650 28.3 1583 3 3		
1	1	NB RMP WT8AG211863.603927.211704.603824.	400 2.7 0. 32.	30
57	2	NB RMP WT8AG211726.603838.211805.603889.	0. 12. 1	
150	28	3 400 28.3 1863 3 3		
1	1	NB RMP E80AG211705.603811.211556.603727.	1875 2.7 0. 44.	61
2	2	NB RMP E80AG211687.603801.211593.603748.	0. 24. 2	
150	15	5.0 1875 28.3 1366 3 3		
dp	1	NB RMP E80AG212302.604151.211707.603812.	1800 2.9 0. 44.	40
1	1	NB on RMP AG210486.603978.210661.603955.	850 2.7 0. 32.	61
0	1	NB on RMP AG210661.603955.210810.603952.	850 2.7 0. 32.	61
0	1	NB on RMP AG210810.603952.211023.603995.	850 2.7 0. 32.	61
0	1	NB on RMP AG211023.603995.211207.604048.	850 2.7 0. 32.	61
0	1	NB on RMP AG211207.604048.211523.604060.	850 2.7 0. 32.	61
0	1	NB on RMP AG211523.604060.211609.604006.	850 2.7 0. 32.	61
0	1	NB on RMP AG211609.604006.211660.603921.	850 2.7 0. 32.	61
1	1	NB RMP CirAG211376.603670.211303.603731.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211303.603731.211187.603798.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211187.603798.211149.603856.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211149.603856.211147.603933.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211147.603933.211199.604010.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211199.604010.211306.604034.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211306.604034.211515.604036.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211515.604036.211583.604001.	150 2.7 0. 32.	61
0	1	NB RMP CirAG211583.604001.211619.603948.	150 2.7 0. 32.	61
41	1	WB 80 AG212296.604166.211969.603976.	1050 2.9 0. 44.	40
42	1	WB 80 AG211969.603976.211863.603927.	1050 2.9 0. 44.	40
58	1	wb 80 AG211704.603824.211500.603713.	425 2.9 0. 32.	40
64	1	EB 80SB270AG210778.603284.210850.603300.	700 2.9 0. 44.	40
65	1	EB 80SB270AG210850.603300.210918.603294.	700 2.9 0. 44.	40
66	1	EB 80SB270AG210918.603294.210980.603262.	700 2.9 0. 44.	40
71	1	EB 80 AG210939.603387.211180.603518.	700 2.9 0. 44.	40
72	1	EB 80 AG211180.603518.211557.603727.	700 2.9 0. 44.	40
1	2	SB RMP E80AG210940.603389.210778.603295.	700 2.9 0. 56.	40
150	55	5.0 700 28.3 1863 3 3	0. 36. 3	
0	1	SB RMP E80AG210772.603286.210466.603118.	1800 2.9 0. 56.	40
1	1	SB RMP WL8AG210939.603399.211080.603480.	225 2.9 0. 44.	40
2	2	SB RMP WL8AG210949.603404.211047.603461.	0. 24. 2	
150	55	5.0 225 28.3 507 3 3		
0	1	SB RMP WT8AG210933.603408.211079.603489.	225 2.9 0. 44.	40
1	1	SB RMP W80AG211083.603489.211492.603717.	975 2.9 0. 44.	40
0	1	SB RMP W80AG210512.603159.210932.603403.	200 2.9 0. 44.	40
1	1	SB RMP WL AG210983.603264.210920.603384.	225 2.9 0. 32.	40

S25B230A.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211049.603414.211008.603364.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211008.603364.211004.603287.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211004.603287.211029.603227.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211029.603227.211089.603177.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211089.603177.211193.603166.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211193.603166.211419.603175.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211419.603175.211499.603251.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211499.603251.211511.603344.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211511.603344.211486.603403.	1175 2.7 0. 32.	30	
0	1	SB RMP CirAG211486.603403.211423.603469.	1175 2.7 0. 32.	30	
0	1	SB On RMP AG212132.602583.212057.602692.	325 2.7 0. 32.	30	
0	1	SB On RMP AG212057.602692.211962.602817.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211962.602817.211858.602905.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211858.602905.211734.602975.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211734.602975.211590.603019.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211590.603019.211347.603049.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211347.603049.211193.603089.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211193.603089.211084.603156.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211084.603156.211020.603194.	325 2.7 0. 32.	30	
0	1	SB On RMP AG211020.603194.210976.603256.	325 2.7 0. 32.	30	
0	1	NB GP AG210288.604040.210994.603831.	2250 3.8 0. 44.	61	
0	1	NB GP AG210994.603831.211305.603711.	2250 3.8 0. 44.	61	
0	1	NB GP AG211305.603711.211575.603546.	2250 3.8 0. 44.	61	
0	1	NB GP AG211575.603546.211828.603315.	2250 3.8 0. 44.	61	
0	1	NB GP AG211828.603315.211976.603144.	2250 3.8 0. 44.	61	
0	1	NB GP AG211976.603144.212095.602967.	2250 3.8 0. 44.	61	
0	1	NB ETL AG210281.603985.210773.603848.	1375 3.9 0. 32.	62	
0	1	NB ETL AG210773.603848.211062.603762.	1375 3.9 0. 32.	62	
0	1	NB ETL AG211062.603762.211342.603634.	1375 3.9 0. 32.	62	
0	1	NB ETL AG211342.603634.211533.603513.	1375 3.9 0. 32.	62	
0	1	NB ETL AG211533.603513.211718.603362.	1375 3.9 0. 32.	62	
0	1	NB ETL AG211718.603362.211890.603183.	1375 3.9 0. 32.	62	
0	1	NB ETL AG211890.603183.212018.603004.	1375 3.9 0. 32.	62	
0	1	NB ETL AG212018.603004.212104.602860.	1375 3.9 0. 32.	62	
0	1	SB ETL AG212069.602828.211997.602953.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211997.602953.211855.603148.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211855.603148.211711.603304.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211711.603304.211544.603446.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211544.603446.211308.603599.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211308.603599.211112.603692.	3550 3.9 0. 32.	62	
0	1	SB ETL AG211112.603692.210901.603766.	3550 3.9 0. 32.	62	
0	1	SB ETL AG210901.603766.210314.603929.	3550 3.9 0. 32.	62	
0	1	SB GP AG212064.602739.211923.602984.	4550 2.6 0. 44.	35	
0	1	SB GP AG211923.602984.211730.603225.	4550 2.6 0. 44.	35	
0	1	SB GP AG211730.603225.211584.603358.	4550 2.6 0. 44.	35	
0	1	SB GP AG211584.603358.211349.603520.	4550 2.6 0. 44.	35	
0	1	SB GP AG211349.603520.211054.603666.	4550 2.6 0. 44.	35	
0	1	SB GP AG211054.603666.210639.603797.	4550 2.6 0. 44.	35	
0	1	SB GP AG210639.603797.210231.603904.	4550 2.6 0. 44.	35	
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B230AM FINGERBOARD RD
DATE: 12/27/2006 TIME: 11:58:21.62

RUN: B230AM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	125.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211655.8	603883.3	*	45.	331. AG	135.	100.0	.0	24.0	.38 2.3
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	25.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	25.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211590.4	603798.6	*	18.	31. AG	67.	100.0	.0	12.0	.16 .9
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	25.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	650.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	650.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	650.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211703.5	603913.2	*	4.	103. AG	1.	100.0	.0	12.0	.42 .2
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211777.5	603871.2	*	61.	57. AG	14.	100.0	.0	12.0	.27 3.1
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	1875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211620.1	603763.3	*	77.	241. AG	15.	100.0	.0	24.0	.80 3.9
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	1800.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	850.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	850.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	850.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	850.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	850.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	850.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	850.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	150.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	150.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	150.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	150.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	150.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	150.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	150.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	150.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	150.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1050.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1050.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	425.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	700.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	700.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	700.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	700.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	700.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	700.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210867.5	603347.6	*	70.	240. AG	83.	100.0	.0	36.0	.21 3.6
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	1800.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	225.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210978.1	603420.9	*	34.	60. AG	56.	100.0	.0	24.0	.38 1.7

JOB: B230AM FINGERBOARD RD
DATE: 12/27/2006 TIME: 11:58:21.62

RUN: B230AM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	225.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	975.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	200.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	225.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	1175.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	1175.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	1175.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	1175.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	1175.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	1175.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	1175.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	1175.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	1175.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	1175.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	1175.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	325.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	325.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	325.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	325.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	325.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	325.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	325.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	325.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	325.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	325.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	2250.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	2250.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	2250.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	2250.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	2250.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	2250.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	1375.	4.0	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	1375.	4.0	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	1375.	4.0	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	1375.	4.0	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	1375.	4.0	.0	32.0	

S25B230A.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	1375.	4.0	.0	32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	1375.	4.0	.0	32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	1375.	4.0	.0	32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	3550.	4.0	.0	32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	3550.	4.0	.0	32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	3550.	4.0	.0	32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	3550.	4.0	.0	32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	3550.	4.0	.0	32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	3550.	4.0	.0	32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	3550.	4.0	.0	32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	3550.	4.0	.0	32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	4550.	2.7	.0	44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	4550.	2.7	.0	44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	4550.	2.7	.0	44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	4550.	2.7	.0	44.0

1

JOB: B230AM FINGERBOARD RD
DATE: 12/27/2006 TIME: 11:58:21.62

RUN: B230AM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	4550.	2.7	.0	44.0	
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	4550.	2.7	.0	44.0	
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	4550.	2.7	.0	44.0	

1

JOB: B230AM FINGERBOARD RD
DATE: 12/27/2006 TIME: 11:58:21.62

RUN: B230AM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	150	133	.3	125	1681	28.30	3	3
5. 20	NB off Ram*	150	133	.3	25	1583	28.30	3	3
10. 10	NB on RMP *	150	1	.3	650	1583	28.30	3	3
12. 57	NB RMP WT8*	150	28	.3	400	1863	28.30	3	3
14. 14	NB RMP E80*	150	15	5.0	1875	1366	28.30	3	3
41. 41	SB RMP E80*	150	55	5.0	700	1863	28.30	3	3
44. 44	SB RMP WL8*	150	55	5.0	225	507	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B230AM FINGERBOARD RD

RUN: B230AM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

```

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

```

1

JOB: B230AM FINGERBOARD RD

RUN: B230AM FINGERBOARD RD

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

```

```

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0
-----*-----
MAX * .0
DEGR. * 0

```

```

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

JOB: B230AM FINGERBOARD RD

RUN: B230AM FINGERBOARD RD

PAGE 7

DATE: 12/27/2006 TIME: 11:58:21.62

```

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

```

40 * .0
 41 * .0
 42 * .0
 43 * .0
 44 * .0
 45 * .0

S25B230A.OUT

1

JOB: B230AM FINGERBOARD RD

RUN: B230AM FINGERBOARD RD

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

B230PM FINGERBOARD RD		60.0175.0.0000.000010.30480000		S25B230P.DAT		11 1	
S25 RES.		207073. 605797. 5.0					
B230PM FINGERBOARD RD		98 1 1					
16	NB off RMPAG211619.603949.211694.603814.	150	2.7	0.	44.	30	
17	NB off RMPAG211678.603844.211643.603906.	0.	24.	2			
90	76 3 150 28.3 1681 3 3						
18	NB off RMPAG211619.603949.211622.603852.	75	2.7	0.	32.	30	
1	NB off RamAG211622.603852.211576.603776.	75	2.7	0.	32.	30	
20	NB off RamAG211581.603783.211619.603846.	0.	12.	1			
90	76 3 75 28.3 1583 3 3						
20	NB off RamAG211576.603776.211500.603713.	75	2.7	0.	32.	30	
36	NB 80 ONRAAG211000.603280.210939.603387.	1200	2.7	0.	32.	30	
43	NB on RMP AG211863.603927.211763.603900.	1200	2.7	0.	32.	30	
1	NB on RMP AG211763.603900.211658.603923.	1200	2.7	0.	32.	30	
2	NB on RMP AG211700.603914.211755.603901.	0.	12.	1			
90	1 3 1200 28.3 1583 3 3						
1	NB RMP WT8AG211863.603927.211704.603824.	400	2.7	0.	32.	30	
57	NB RMP WT8AG211726.603838.211805.603889.	0.	12.	1			
90	39 3 400 28.3 1863 3 3						
1	NB RMP E80AG211705.603811.211556.603727.	875	2.7	0.	44.	61	
2	NB RMP E80AG211687.603801.211593.603748.	0.	24.	2			
90	12 5.0 875 28.3 1271 3 3						
dp	NB RMP E80AG212302.604151.211707.603812.	625	2.9	0.	44.	40	
1	NB on RMP AG210486.603978.210661.603955.	1600	2.7	0.	32.	61	
0	NB on RMP AG210661.603955.210810.603952.	1600	2.7	0.	32.	61	
0	NB on RMP AG210810.603952.211023.603995.	1600	2.7	0.	32.	61	
0	NB on RMP AG211023.603995.211207.604048.	1600	2.7	0.	32.	61	
0	NB on RMP AG211207.604048.211523.604060.	1600	2.7	0.	32.	61	
0	NB on RMP AG211523.604060.211609.604006.	1600	2.7	0.	32.	61	
0	NB on RMP AG211609.604006.211660.603921.	1600	2.7	0.	32.	61	
0	NB RMP CirAG211376.603670.211303.603731.	225	2.7	0.	32.	61	
0	NB RMP CirAG211303.603731.211187.603798.	225	2.7	0.	32.	61	
0	NB RMP CirAG211187.603798.211149.603856.	225	2.7	0.	32.	61	
0	NB RMP CirAG211149.603856.211147.603933.	225	2.7	0.	32.	61	
0	NB RMP CirAG211147.603933.211199.604010.	225	2.7	0.	32.	61	
0	NB RMP CirAG211199.604010.211306.604034.	225	2.7	0.	32.	61	
0	NB RMP CirAG211306.604034.211515.604036.	225	2.7	0.	32.	61	
0	NB RMP CirAG211515.604036.211583.604001.	225	2.7	0.	32.	61	
0	NB RMP CirAG211583.604001.211619.603948.	225	2.7	0.	32.	61	
41	WB 80 AG212296.604166.211969.603976.	1600	2.9	0.	44.	40	
42	WB 80 AG211969.603976.211863.603927.	1600	2.9	0.	44.	40	
58	wb 80 AG211704.603824.211500.603713.	475	2.9	0.	32.	40	
64	EB 80SB270AG210778.603284.210850.603300.	450	2.9	0.	44.	40	
65	EB 80SB270AG210850.603300.210918.603294.	450	2.9	0.	44.	40	
66	EB 80SB270AG210918.603294.210980.603262.	450	2.9	0.	44.	40	
71	EB 80 AG210939.603387.211180.603518.	450	2.9	0.	44.	40	
72	EB 80 AG211180.603518.211557.603727.	450	2.9	0.	44.	40	
1	SB RMP E80AG210940.603389.210778.603295.	450	2.9	0.	56.	40	
60	SB RMP E80AG210928.603383.210817.603318.	0.	36.	3			
14	5.0 450 28.3 1863 3 3						
0	SB RMP E80AG210772.603286.210466.603118.	625	2.9	0.	56.	40	
1	SB RMP WL8AG210939.603399.211080.603480.	150	2.9	0.	44.	40	
2	SB RMP WL8AG210949.603404.211047.603461.	0.	24.	2			
60	14 5.0 150 28.3 1380 3 3						
0	SB RMP WT8AG210933.603408.211079.603489.	325	2.9	0.	44.	40	
1	SB RMP W80AG211083.603489.211492.603717.	500	2.9	0.	44.	40	
0	SB RMP W80AG210512.603159.210932.603403.	150	2.9	0.	44.	40	
1	SB RMP WL AG210983.603264.210920.603384.	325	2.9	0.	32.	40	

S25B230P.DAT

1					
0	1	SB RMP CirAG211165.603508.211049.603414.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211049.603414.211008.603364.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211008.603364.211004.603287.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211004.603287.211029.603227.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211029.603227.211089.603177.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211089.603177.211193.603166.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211193.603166.211419.603175.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211419.603175.211499.603251.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211499.603251.211511.603344.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211511.603344.211486.603403.	425 2.7	0. 32.	30
0	1	SB RMP CirAG211486.603403.211423.603469.	425 2.7	0. 32.	30
0	1	SB On RMP AG212132.602583.212057.602692.	175 2.7	0. 32.	30
0	1	SB On RMP AG212057.602692.211962.602817.	175 2.7	0. 32.	30
0	1	SB On RMP AG211962.602817.211858.602905.	175 2.7	0. 32.	30
0	1	SB On RMP AG211858.602905.211734.602975.	175 2.7	0. 32.	30
0	1	SB On RMP AG211734.602975.211590.603019.	175 2.7	0. 32.	30
0	1	SB On RMP AG211590.603019.211347.603049.	175 2.7	0. 32.	30
0	1	SB On RMP AG211347.603049.211193.603089.	175 2.7	0. 32.	30
0	1	SB On RMP AG211193.603089.211084.603156.	175 2.7	0. 32.	30
0	1	SB On RMP AG211084.603156.211020.603194.	175 2.7	0. 32.	30
0	1	SB On RMP AG211020.603194.210976.603256.	175 2.7	0. 32.	30
0	1	NB GP AG210288.604040.210994.603831.	4600 3.9	0. 44.	61
0	1	NB GP AG210994.603831.211305.603711.	4600 3.9	0. 44.	61
0	1	NB GP AG211305.603711.211575.603546.	4600 3.9	0. 44.	61
0	1	NB GP AG211575.603546.211828.603315.	4600 3.9	0. 44.	61
0	1	NB GP AG211828.603315.211976.603144.	4600 3.9	0. 44.	61
0	1	NB GP AG211976.603144.212095.602967.	4600 3.9	0. 44.	61
0	1	NB ETL AG210281.603985.210773.603848.	3525 3.9	0. 32.	61
0	1	NB ETL AG210773.603848.211062.603762.	3525 3.9	0. 32.	61
0	1	NB ETL AG211062.603762.211342.603634.	3525 3.9	0. 32.	61
0	1	NB ETL AG211342.603634.211533.603513.	3525 3.9	0. 32.	61
0	1	NB ETL AG211533.603513.211718.603362.	3525 3.9	0. 32.	61
0	1	NB ETL AG211718.603362.211890.603183.	3525 3.9	0. 32.	61
0	1	NB ETL AG211890.603183.212018.603004.	3525 3.9	0. 32.	61
0	1	NB ETL AG212018.603004.212104.602860.	3525 3.9	0. 32.	61
0	1	SB ETL AG212069.602828.211997.602953.	1175 4.0	0. 32.	62
0	1	SB ETL AG211997.602953.211855.603148.	1175 4.0	0. 32.	62
0	1	SB ETL AG211855.603148.211711.603304.	1175 4.0	0. 32.	62
0	1	SB ETL AG211711.603304.211544.603446.	1175 4.0	0. 32.	62
0	1	SB ETL AG211544.603446.211308.603599.	1175 4.0	0. 32.	62
0	1	SB ETL AG211308.603599.211112.603692.	1175 4.0	0. 32.	62
0	1	SB ETL AG211112.603692.210901.603766.	1175 4.0	0. 32.	62
0	1	SB ETL AG210901.603766.210314.603929.	1175 4.0	0. 32.	62
0	1	SB GP AG212064.602739.211923.602984.	2025 3.9	0. 44.	61
0	1	SB GP AG211923.602984.211730.603225.	2025 3.9	0. 44.	61
0	1	SB GP AG211730.603225.211584.603358.	2025 3.9	0. 44.	61
0	1	SB GP AG211584.603358.211349.603520.	2025 3.9	0. 44.	61
0	1	SB GP AG211349.603520.211054.603666.	2025 3.9	0. 44.	61
0	1	SB GP AG211054.603666.210639.603797.	2025 3.9	0. 44.	61
0	1	SB GP AG210639.603797.210231.603904.	2025 3.9	0. 44.	61
1.0	0.4 1000. 0.0Y 5 0 72				

JOB: B230PM FINGERBOARD RD
DATE: 12/27/2006 TIME: 12:00:38.50

RUN: B230PM FINGERBOARD RD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 16	NB off RMP*	211619.0	603949.0	211694.0	603814.0	*	154.	151. AG	150.	2.7	.0	44.0	
2. 17	NB off RMP*	211678.0	603844.0	211662.7	603871.1	*	31.	331. AG	128.	100.0	.0	24.0	.34
3. 18	NB off RMP*	211619.0	603949.0	211622.0	603852.0	*	97.	178. AG	75.	2.7	.0	32.0	
4.	NB off Ram*	211622.0	603852.0	211576.0	603776.0	*	89.	211. AG	75.	2.7	.0	32.0	
5. 20	NB off Ram*	211581.0	603783.0	211597.1	603809.7	*	31.	31. AG	64.	100.0	.0	12.0	.37
6. 20	NB off Ram*	211576.0	603776.0	211500.0	603713.0	*	99.	230. AG	75.	2.7	.0	32.0	
7. 36	NB 80 ONRA*	211000.0	603280.0	210939.0	603387.0	*	123.	330. AG	1200.	2.7	.0	32.0	
8. 43	NB on RMP*	211863.0	603927.0	211763.0	603900.0	*	104.	255. AG	1200.	2.7	.0	32.0	
9.	NB on RMP*	211763.0	603900.0	211658.0	603923.0	*	107.	282. AG	1200.	2.7	.0	32.0	
10.	NB on RMP*	211700.0	603914.0	211719.9	603909.3	*	20.	103. AG	1.	100.0	.0	12.0	.79
11.	NB RMP W78*	211863.0	603927.0	211704.0	603824.0	*	189.	237. AG	400.	2.7	.0	32.0	
12. 57	NB RMP W78*	211726.0	603838.0	211797.7	603884.3	*	85.	57. AG	33.	100.0	.0	12.0	.40
13.	NB RMP E80*	211705.0	603811.0	211556.0	603727.0	*	171.	241. AG	875.	2.7	.0	44.0	
14.	NB RMP E80*	211687.0	603801.0	211662.0	603786.9	*	29.	241. AG	20.	100.0	.0	24.0	.44
15. dp	NB RMP E80*	212302.0	604151.0	211707.0	603812.0	*	685.	240. AG	625.	2.9	.0	44.0	
16.	NB on RMP*	210486.0	603978.0	210661.0	603955.0	*	177.	97. AG	1600.	2.7	.0	32.0	
17. 0	NB on RMP*	210661.0	603955.0	210810.0	603952.0	*	149.	91. AG	1600.	2.7	.0	32.0	
18. 0	NB on RMP*	210810.0	603952.0	211023.0	603995.0	*	217.	79. AG	1600.	2.7	.0	32.0	
19. 0	NB on RMP*	211023.0	603995.0	211207.0	604048.0	*	191.	74. AG	1600.	2.7	.0	32.0	
20. 0	NB on RMP*	211207.0	604048.0	211523.0	604060.0	*	316.	88. AG	1600.	2.7	.0	32.0	
21. 0	NB on RMP*	211523.0	604060.0	211609.0	604006.0	*	102.	122. AG	1600.	2.7	.0	32.0	
22. 0	NB on RMP*	211609.0	604006.0	211660.0	603921.0	*	99.	149. AG	1600.	2.7	.0	32.0	
23.	NB RMP Cir*	211376.0	603670.0	211303.0	603731.0	*	95.	310. AG	225.	2.7	.0	32.0	
24. 0	NB RMP Cir*	211303.0	603731.0	211187.0	603798.0	*	134.	300. AG	225.	2.7	.0	32.0	
25. 0	NB RMP Cir*	211187.0	603798.0	211149.0	603856.0	*	69.	327. AG	225.	2.7	.0	32.0	
26. 0	NB RMP Cir*	211149.0	603856.0	211147.0	603933.0	*	77.	359. AG	225.	2.7	.0	32.0	
27. 0	NB RMP Cir*	211147.0	603933.0	211199.0	604010.0	*	93.	34. AG	225.	2.7	.0	32.0	
28. 0	NB RMP Cir*	211199.0	604010.0	211306.0	604034.0	*	110.	77. AG	225.	2.7	.0	32.0	
29. 0	NB RMP Cir*	211306.0	604034.0	211515.0	604036.0	*	209.	89. AG	225.	2.7	.0	32.0	
30. 0	NB RMP Cir*	211515.0	604036.0	211583.0	604001.0	*	76.	117. AG	225.	2.7	.0	32.0	
31. 0	NB RMP Cir*	211583.0	604001.0	211619.0	603948.0	*	64.	146. AG	225.	2.7	.0	32.0	
32. 41	WB 80	212296.0	604166.0	211969.0	603976.0	*	378.	240. AG	1600.	2.9	.0	44.0	
33. 42	WB 80	211969.0	603976.0	211863.0	603927.0	*	117.	245. AG	1600.	2.9	.0	44.0	
34. 58	WB 80	211704.0	603824.0	211500.0	603713.0	*	232.	241. AG	475.	2.9	.0	32.0	
35. 64	EB 80SB270*	210778.0	603284.0	210850.0	603300.0	*	74.	77. AG	450.	2.9	.0	44.0	
36. 65	EB 80SB270*	210850.0	603300.0	210918.0	603294.0	*	68.	95. AG	450.	2.9	.0	44.0	
37. 66	EB 80SB270*	210918.0	603294.0	210980.0	603262.0	*	70.	117. AG	450.	2.9	.0	44.0	
38. 71	EB 80	210939.0	603387.0	211180.0	603518.0	*	274.	61. AG	450.	2.9	.0	44.0	
39. 72	EB 80	211180.0	603518.0	211557.0	603727.0	*	431.	61. AG	450.	2.9	.0	44.0	
40.	SB RMP E80*	210940.0	603389.0	210778.0	603295.0	*	187.	240. AG	450.	2.9	.0	56.0	
41.	SB RMP E80*	210928.0	603383.0	210918.1	603377.2	*	11.	240. AG	53.	100.0	.0	36.0	.12
42. 0	SB RMP E80*	210772.0	603286.0	210466.0	603118.0	*	349.	241. AG	625.	2.9	.0	56.0	
43.	SB RMP WL8*	210939.0	603399.0	211080.0	603480.0	*	163.	60. AG	150.	2.9	.0	44.0	
44.	SB RMP WL8*	210949.0	603404.0	210954.0	603406.9	*	6.	60. AG	35.	100.0	.0	24.0	.08

JOB: B230PM FINGERBOARD RD
DATE: 12/27/2006 TIME: 12:00:38.50

RUN: B230PM FINGERBOARD RD

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SB RMP W78*	210933.0	603408.0	211079.0	603489.0	*	167.	61. AG	325.	2.9	.0	44.0	
46.	SB RMP W80*	211083.0	603489.0	211492.0	603717.0	*	468.	61. AG	500.	2.9	.0	44.0	
47. 0	SB RMP W80*	210512.0	603159.0	210932.0	603403.0	*	486.	60. AG	150.	2.9	.0	44.0	
48.	SB RMP WL*	210983.0	603264.0	210920.0	603384.0	*	136.	332. AG	325.	2.9	.0	32.0	
49. 0	SB RMP Cir*	211165.0	603508.0	211049.0	603414.0	*	149.	231. AG	425.	2.7	.0	32.0	
50. 0	SB RMP Cir*	211049.0	603414.0	211008.0	603364.0	*	65.	219. AG	425.	2.7	.0	32.0	
51. 0	SB RMP Cir*	211008.0	603364.0	211004.0	603287.0	*	77.	183. AG	425.	2.7	.0	32.0	
52. 0	SB RMP Cir*	211004.0	603287.0	211029.0	603227.0	*	65.	157. AG	425.	2.7	.0	32.0	
53. 0	SB RMP Cir*	211029.0	603227.0	211089.0	603177.0	*	78.	130. AG	425.	2.7	.0	32.0	
54. 0	SB RMP Cir*	211089.0	603177.0	211193.0	603166.0	*	105.	96. AG	425.	2.7	.0	32.0	
55. 0	SB RMP Cir*	211193.0	603166.0	211419.0	603175.0	*	226.	88. AG	425.	2.7	.0	32.0	
56. 0	SB RMP Cir*	211419.0	603175.0	211499.0	603251.0	*	110.	46. AG	425.	2.7	.0	32.0	
57. 0	SB RMP Cir*	211499.0	603251.0	211511.0	603344.0	*	94.	7. AG	425.	2.7	.0	32.0	
58. 0	SB RMP Cir*	211511.0	603344.0	211486.0	603403.0	*	64.	337. AG	425.	2.7	.0	32.0	
59. 0	SB RMP Cir*	211486.0	603403.0	211423.0	603469.0	*	91.	316. AG	425.	2.7	.0	32.0	
60. 0	SB On RMP*	212132.0	602583.0	212057.0	602692.0	*	132.	325. AG	175.	2.7	.0	32.0	
61. 0	SB On RMP*	212057.0	602692.0	211962.0	602817.0	*	157.	323. AG	175.	2.7	.0	32.0	
62. 0	SB On RMP*	211962.0	602817.0	211858.0	602905.0	*	136.	310. AG	175.	2.7	.0	32.0	
63. 0	SB On RMP*	211858.0	602905.0	211734.0	602975.0	*	142.	299. AG	175.	2.7	.0	32.0	
64. 0	SB On RMP*	211734.0	602975.0	211590.0	603019.0	*	151.	287. AG	175.	2.7	.0	32.0	
65. 0	SB On RMP*	211590.0	603019.0	211347.0	603049.0	*	245.	277. AG	175.	2.7	.0	32.0	
66. 0	SB On RMP*	211347.0	603049.0	211193.0	603089.0	*	159.	285. AG	175.	2.7	.0	32.0	
67. 0	SB On RMP*	211193.0	603089.0	211084.0	603156.0	*	128.	302. AG	175.	2.7	.0	32.0	
68. 0	SB On RMP*	211084.0	603156.0	211020.0	603194.0	*	74.	301. AG	175.	2.7	.0	32.0	
69. 0	SB On RMP*	211020.0	603194.0	210976.0	603256.0	*	76.	325. AG	175.	2.7	.0	32.0	
70.	NB GP	210288.0	604040.0	210994.0	603831.0	*	736.	106. AG	4600.	3.9	.0	44.0	
71. 0	NB GP	210994.0	603831.0	211305.0	603711.0	*	333.	111. AG	4600.	3.9	.0	44.0	
72. 0	NB GP	211305.0	603711.0	211575.0	603546.0	*	316.	121. AG	4600.	3.9	.0	44.0	
73. 0	NB GP	211575.0	603546.0	211828.0	603315.0	*	343.	132. AG	4600.	3.9	.0	44.0	
74. 0	NB GP	211828.0	603315.0	211976.0	603144.0	*	226.	139. AG	4600.	3.9	.0	44.0	
75. 0	NB GP	211976.0	603144.0	212095.0	602967.0	*	213.	146. AG	4600.	3.9	.0	44.0	
76. 0	NB ETL	210281.0	603985.0	210773.0	603848.0	*	511.	106. AG	3525.	3.9	.0	32.0	
77. 0	NB ETL	210773.0	603848.0	211062.0	603762.0	*	302.	107. AG	3525.	3.9	.0	32.0	
78. 0	NB ETL	211062.0	603762.0	211342.0	603634.0	*	308.	115. AG	3525.	3.9	.0	32.0	
79. 0	NB ETL	211342.0	603634.0	211533.0	603513.0	*	226.	122. AG	3525.	3.9	.0	32.0	
80. 0	NB ETL	211533.0	603513.0	211718.0	603362.0	*	239.	129. AG	3525.	3.9	.0	32.0	

S25B230P.OUT

81. 0	NB ETL	* 211718.0	603362.0	211890.0	603183.0	*	248.	136. AG	3525.	3.9	.0 32.0
82. 0	NB ETL	* 211890.0	603183.0	212018.0	603004.0	*	220.	144. AG	3525.	3.9	.0 32.0
83. 0	NB ETL	* 212018.0	603004.0	212104.0	602860.0	*	168.	149. AG	3525.	3.9	.0 32.0
84. 0	SB ETL	* 212069.0	602828.0	211997.0	602953.0	*	144.	330. AG	1175.	4.0	.0 32.0
85. 0	SB ETL	* 211997.0	602953.0	211855.0	603148.0	*	241.	324. AG	1175.	4.0	.0 32.0
86. 0	SB ETL	* 211855.0	603148.0	211711.0	603304.0	*	212.	317. AG	1175.	4.0	.0 32.0
87. 0	SB ETL	* 211711.0	603304.0	211544.0	603446.0	*	219.	310. AG	1175.	4.0	.0 32.0
88. 0	SB ETL	* 211544.0	603446.0	211308.0	603599.0	*	281.	303. AG	1175.	4.0	.0 32.0
89. 0	SB ETL	* 211308.0	603599.0	211112.0	603692.0	*	217.	295. AG	1175.	4.0	.0 32.0
90. 0	SB ETL	* 211112.0	603692.0	210901.0	603766.0	*	224.	289. AG	1175.	4.0	.0 32.0
91. 0	SB ETL	* 210901.0	603766.0	210314.0	603929.0	*	609.	286. AG	1175.	4.0	.0 32.0
92. 0	SB GP	* 212064.0	602739.0	211923.0	602984.0	*	283.	330. AG	2025.	3.9	.0 44.0
93. 0	SB GP	* 211923.0	602984.0	211730.0	603225.0	*	309.	321. AG	2025.	3.9	.0 44.0
94. 0	SB GP	* 211730.0	603225.0	211584.0	603358.0	*	197.	312. AG	2025.	3.9	.0 44.0
95. 0	SB GP	* 211584.0	603358.0	211349.0	603520.0	*	284.	304. AG	2025.	3.9	.0 44.0

1

JOB: B230PM FINGERBOARD RD
DATE: 12/27/2006 TIME: 12:00:38.50

RUN: B230PM FINGERBOARD RD

PAGE 3

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
96. 0	SB GP	* 211349.0	603520.0	211054.0	603666.0	*	329.	296. AG	2025.	3.9	.0 44.0		
97. 0	SB GP	* 211054.0	603666.0	210639.0	603797.0	*	435.	288. AG	2025.	3.9	.0 44.0		
98. 0	SB GP	* 210639.0	603797.0	210231.0	603904.0	*	422.	285. AG	2025.	3.9	.0 44.0		

1

JOB: B230PM FINGERBOARD RD
DATE: 12/27/2006 TIME: 12:00:38.50

RUN: B230PM FINGERBOARD RD

PAGE 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. 17	NB off RMP*	90	76	.3	150	1681	28.30	3	3
5. 20	NB off Ram*	90	76	.3	75	1583	28.30	3	3
10. 10	NB on RMP *	90	1	.3	1200	1583	28.30	3	3
12. 57	NB RMP WT8*	90	39	.3	400	1863	28.30	3	3
14. 14	NB RMP E80*	90	12	5.0	875	1271	28.30	3	3
41. 41	SB RMP E80*	60	14	5.0	450	1863	28.30	3	3
44. 44	SB RMP WL8*	60	14	5.0	150	1380	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. S25 RES.	*	207073.0	605797.0	5.0	*

1

JOB: B230PM FINGERBOARD RD

RUN: B230PM FINGERBOARD RD

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.0
70.	*	.0
75.	*	.0
80.	*	.0
85.	*	.0
90.	*	.0
95.	*	.0
100.	*	.0
105.	*	.0
110.	*	.0
115.	*	.0
120.	*	.0
125.	*	.0
130.	*	.0
135.	*	.0
140.	*	.0
145.	*	.0
150.	*	.0
155.	*	.0
160.	*	.0
165.	*	.0
170.	*	.0

```

175. * .0
180. * .0
185. * .0
190. * .0
195. * .0
200. * .0
205. * .0

```

1

JOB: B230PM FINGERBOARD RD

RUN: B230PM FINGERBOARD RD

PAGE 6

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1

```

```

-----*-----
210. * .0
215. * .0
220. * .0
225. * .0
230. * .0
235. * .0
240. * .0
245. * .0
250. * .0
255. * .0
260. * .0
265. * .0
270. * .0
275. * .0
280. * .0
285. * .0
290. * .0
295. * .0
300. * .0
305. * .0
310. * .0
315. * .0
320. * .0
325. * .0
330. * .0
335. * .0
340. * .0
345. * .0
350. * .0
355. * .0
360. * .0

```

```

-----*-----
MAX * .0
DEGR. * 0

```

```

THE HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.
THE 3RD HIGHEST CONCENTRATION IS .00 PPM AT 0 DEGREES FROM BCDEF.

```

1

JOB: B230PM FINGERBOARD RD

RUN: B230PM FINGERBOARD RD

PAGE 7

DATE: 12/27/2006 TIME: 12:00:38.50

```

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1
LINK # * 0
-----*-----
1 * .0
2 * .0
3 * .0
4 * .0
5 * .0
6 * .0
7 * .0
8 * .0
9 * .0
10 * .0
11 * .0
12 * .0
13 * .0
14 * .0
15 * .0
16 * .0
17 * .0
18 * .0
19 * .0
20 * .0
21 * .0
22 * .0
23 * .0
24 * .0
25 * .0
26 * .0
27 * .0
28 * .0
29 * .0
30 * .0
31 * .0
32 * .0
33 * .0
34 * .0
35 * .0
36 * .0
37 * .0
38 * .0
39 * .0

```


40 * .0
41 * .0
42 * .0
43 * .0
44 * .0
45 * .0

1

JOB: B230PM FINGERBOARD RD

RUN: B230PM FINGERBOARD RD

PAGE 8

LINK #	CO/LINK (PPM)	ANGLE (DEGREES)	REC1
46	*	.0	
47	*	.0	
48	*	.0	
49	*	.0	
50	*	.0	
51	*	.0	
52	*	.0	
53	*	.0	
54	*	.0	
55	*	.0	
56	*	.0	
57	*	.0	
58	*	.0	
59	*	.0	
60	*	.0	
61	*	.0	
62	*	.0	
63	*	.0	
64	*	.0	
65	*	.0	
66	*	.0	
67	*	.0	
68	*	.0	
69	*	.0	
70	*	.0	
71	*	.0	
72	*	.0	
73	*	.0	
74	*	.0	
75	*	.0	
76	*	.0	
77	*	.0	
78	*	.0	
79	*	.0	
80	*	.0	
81	*	.0	
82	*	.0	
83	*	.0	
84	*	.0	
85	*	.0	
86	*	.0	
87	*	.0	
88	*	.0	
89	*	.0	
90	*	.0	
91	*	.0	
92	*	.0	
93	*	.0	
94	*	.0	
95	*	.0	
96	*	.0	
97	*	.0	
98	*	.0	

Site 26 MD 85 / Spectrum Avenue

S26 EXAM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 S26EXAM.DAT 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.
REC 2	164'	SE CORNER	196685.	626417.	5.
REC 3	82'	SE CORNER	196689.	626484.	5.
REC 4		SE CORNER	196696.	626557.	5.
REC 5	82'	ES CORNER	196750.	626579.	5.
REC 6	164'	ES CORNER	196836.	626587.	5.
REC 7		ES CORNER	196976.	626524.	5.
REC 8	400'	EN CORNER	197037.	626608.	5.
REC 9	164'	EN CORNER	196822.	626664.	5.
REC 10	82'	EN CORNER	196733.	626677.	5.
1196736.			196660.	626705.	5.
REC 12	82'	NE CORNER	196654.	626788.	5.
REC 13		NE CORNER	196658.	626894.	5.
REC 14	400'	NE CORNE	196653.	627100.	5.
REC 15	400'	NW CORNE	196645.	627086.	5.
REC 16	164'	NW CORNE	196528.	626851.	5.
REC 17	82'	NW CORNER	196529.	626769.	5.
REC 18		NW CORNER	196516.	626687.	5.
REC 19	82'	WN CORNER	196452.	626716.	5.
1196453.			196385.	626772.	5.
REC 21	400'	WN CORNE	196172.	626863.	5.
REC 22	400'	WS CORNE	196176.	626796.	5.
REC 23	164'	WS CORNE	196388.	626620.	5.
REC 24	82'	WS CORNER	196456.	626629.	5.
REC 25		SW CORNER	196509.	626582.	5.
REC 26	82'	SW CORNER	196511.	626497.	5.
REC 27	164'	SW CORNE	196512.	626415.	5.
REC 28	400'	SW CORNE	196494.	626173.	5.

S26 EXAM MD 85 & SPEC 45 1 1

1	NB MD85	ALLAG196602.625991.196558.625671.	800 2.9 0. 68. 30.
2	NB MD85	ALLAG196626.626213.196604.625991.	800 2.9 0. 68. 30.
2	NB MD 85	TAG196625.626651.196625.626215.	475 2.9 0. 44. 30.
4	NB MD 85	TAG196625.626571.196625.626270.	0. 24. 2
80	39	4.0 475 29.1 533 2 3	
5	NB MD 85	LAG196597.626657.196597.626977.	25 2.9 0. 32. 30.
6	NB MD 85	LAG196597.626695.196597.626895.	0. 12. 1
80	39	4.0 25 29.1 1770 2 3	
7	NB MD 85	RAG196641.626557.196641.626268.	300 2.9 0. 32. 30.
9	NB MD 85	RAG196669.626585.196640.626558.	300 2.9 0. 32. 30.
11	NB MD 85	dpAG196608.626652.196608.627333.	675 2.9 0. 56. 30.
13	SB MD 85	AG196576.627082.196576.627333.	1125 2.9 0. 56. 30.
14	SB MD 85	TAG196586.626652.196580.627080.	925 2.9 0. 56. 30.
15	SB MD 85	TAG196580.626689.196580.626963.	0. 36. 3
80	30	4.0 925 29.1 1695 2 3	
16	SB MD 85	LAG196597.626657.196597.626977.	175 2.9 0. 32. 30.
17	SB MD 85	LAG196597.626695.196597.626895.	0. 12. 1
80	22	4.0 175 29.1 859 2 3	
19	SB MD 85	RAG196568.626658.196568.626977.	25 2.9 0. 32. 30.
19	SB MD 85	RAG196568.626696.196568.626928.	0. 12. 1
80	30	4.0 25 29.1 1583 2 3	
20	SB MD 85	dpAG196579.626243.196579.626652.	1025 2.9 0. 56. 30.
21	SB MD 85	dpAG196539.625886.196577.626241.	1025 2.9 0. 56. 30.
22	SB MD 85	dpAG196508.625686.196537.625883.	1025 2.9 0. 56. 30.
1	SPEC EB	AG196587.626609.196491.626624.	21 2.9 0. 56. 30.
0	SPEC EB	AG196491.626624.196405.626682.	21 2.9 0. 56. 30.
2	SPEC EB	AG196486.626628.196425.626669.	0. 36. 3
37	19	4.0 21 29.1 1678 3 3	
0	SPEC EB	AG196405.626684.196350.626745.	21 2.9 0. 44. 30.
0	SPEC EB	AG196350.626745.196275.626783.	21 2.9 0. 44. 30.
0	SPEC EB	AG196275.626783.196151.626818.	21 2.9 0. 44. 30.
0	SPEC EB	AG196151.626818.195935.626882.	21 2.9 0. 44. 30.
0	SPEC EBdp	AG197607.626062.197414.626133.	569 2.9 0. 44. 30.
0	SPEC EBdp	AG197414.626133.197298.626231.	569 2.9 0. 44. 30.
0	SPEC EBdp	AG197298.626231.197109.626471.	569 2.9 0. 44. 30.
0	SPEC EBdp	AG197109.626471.197016.626546.	569 2.9 0. 44. 30.
0	SPEC EBdp	AG197016.626546.196892.626584.	569 2.9 0. 44. 30.
0	SPEC EBdp	AG196892.626584.196590.626607.	569 2.9 0. 44. 30.
1	SPEC WB T	AG196602.626636.196838.626624.	243 2.9 0. 56. 30.
2	SPEC WB T	AG196680.626632.196809.626625.	0. 36. 3
37	22	5.0 243 29.1 1765 3 3	

```

0          SPES WDDI  AS150470
1.0  0.4 1000.  0.0Y  5  0 72

```

JOB: S26 EXAM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:17.21

RUN: S26 EXAM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	800.	2.9	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	800.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	475.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626420.2	*	151.	180. AG	76.	100.0	.0	24.0	1.02 7.7
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626700.4	*	5.	360. AG	38.	100.0	.0	12.0	.03 .3
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	300.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	300.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	675.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1125.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	925.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626739.6	*	51.	360. AG	88.	100.0	.0	36.0	.33 2.6
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	175.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626716.1	*	21.	360. AG	21.	100.0	.0	12.0	.31 1.1
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	25.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626700.1	*	4.	360. AG	29.	100.0	.0	12.0	.03 .2
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1025.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1025.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1025.	2.9	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	21.	2.9	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	21.	2.9	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196485.4	626628.4	*	1.	304. AG	120.	100.0	.0	36.0	.01 .0
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	21.	2.9	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	21.	2.9	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	21.	2.9	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	21.	2.9	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	569.	2.9	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	569.	2.9	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	569.	2.9	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	569.	2.9	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	569.	2.9	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	569.	2.9	.0	44.0	
33.	SPEC WB T	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	243.	2.9	.0	56.0	
34.	SPEC WB T	196680.0	626632.0	196689.7	626631.5	*	10.	93. AG	139.	100.0	.0	36.0	.21 .5
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	44.	2.9	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	287.	2.9	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	287.	2.9	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	287.	2.9	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	287.	2.9	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	287.	2.9	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	287.	2.9	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	54.	2.9	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	54.	2.9	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	54.	2.9	.0	44.0	

JOB: S26 EXAM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:17.21

RUN: S26 EXAM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	54.	2.9	.0	44.0	

JOB: S26 EXAM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:17.21

RUN: S26 EXAM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	80	39	4.0	475	533	29.10	2	3
6. 6	NB MD 85 L*	80	39	4.0	25	1770	29.10	2	3
12. 15	SB MD 85 T*	80	30	4.0	925	1695	29.10	2	3
14. 17	SB MD 85 L*	80	22	4.0	175	859	29.10	2	3
16. 19	SB MD 85 R*	80	30	4.0	25	1583	29.10	2	3
22.	SPEC EB *	37	19	4.0	21	1678	29.10	3	3
34.	SPEC WB T *	37	22	5.0	243	1765	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26EXAM.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.		1196453.		*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 EXAM MD 85 & SPECTRUM

RUN: S26 EXAM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
55.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
60.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
65.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
70.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
75.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.0	.0	.0	.0	.0

1

JOB: S26 EXAM MD 85 & SPECTRUM

RUN: S26 EXAM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.2	.1	.2	.0	.0	.0	.0	.0
235.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0
240.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0
245.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
250.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
255.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
260.	*	.2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
265.	*	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0	.0
285.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0
290.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0
295.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0
300.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0
305.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26EXAM.OUT																				
315.	*	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0
330.	*	.2	.1	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0
335.	*	.2	.1	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0
340.	*	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0
345.	*	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.3	.2	.2	.2	.1	.2	.2	.1
DEGR.	*	215	270	220	205	0	55	320	0	0	205	195	225	210	195	190	15	110	45	85

1

JOB: S26 EXAM MD 85 & SPECTRUM

RUN: S26 EXAM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.0	.1	.1
30.	*	.0	.0	.0	.0	.0	.1	.1	.1
35.	*	.0	.0	.0	.0	.0	.1	.1	.0
40.	*	.0	.0	.0	.0	.0	.1	.2	.0
45.	*	.0	.0	.0	.0	.0	.1	.2	.0
50.	*	.0	.0	.0	.0	.0	.1	.2	.0
55.	*	.0	.0	.0	.0	.0	.1	.2	.0
60.	*	.0	.0	.0	.0	.1	.1	.2	.0
65.	*	.0	.0	.0	.0	.1	.2	.2	.0
70.	*	.0	.0	.0	.0	.1	.2	.2	.1
75.	*	.0	.0	.0	.0	.1	.2	.2	.1
80.	*	.0	.0	.0	.0	.1	.2	.2	.1
85.	*	.0	.0	.0	.0	.1	.2	.1	.1
90.	*	.0	.0	.0	.0	.1	.2	.1	.1
95.	*	.0	.0	.0	.0	.1	.2	.1	.1
100.	*	.0	.0	.0	.0	.1	.2	.1	.1
105.	*	.0	.0	.0	.0	.2	.2	.1	.1
110.	*	.0	.0	.0	.0	.2	.2	.1	.1
115.	*	.0	.0	.0	.0	.2	.2	.1	.1
120.	*	.0	.0	.0	.0	.2	.2	.1	.1
125.	*	.0	.0	.0	.1	.2	.1	.1	.1
130.	*	.0	.0	.0	.1	.2	.1	.1	.1
135.	*	.0	.0	.0	.0	.2	.1	.1	.1
140.	*	.0	.0	.0	.0	.2	.1	.1	.1
145.	*	.0	.0	.0	.0	.1	.1	.1	.1
150.	*	.0	.0	.0	.0	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.0	.1
160.	*	.0	.0	.0	.0	.1	.1	.0	.1
165.	*	.0	.0	.0	.0	.1	.0	.0	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 EXAM MD 85 & SPECTRUM

RUN: S26 EXAM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

S26EXAM.OUT

320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.1	.2	.2	.2	.1
DEGR.	*	0	0	0	125	105	65	40	20

THE HIGHEST CONCENTRATION IS .30 PPM AT 225 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 215 DEGREES FROM REC1.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 195 DEGREES FROM REC11.

1

JOB: S26 EXAM MD 85 & SPECTRUM
 DATE: 12/15/2006 TIME: 09:58:17.21

RUN: S26 EXAM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 215	REC2 270	REC3 220	REC4 205	REC5 0	REC6 55	REC7 320	REC8 0	REC9 0	REC10 205	REC11 195	REC12 225	REC13 210	REC14 195	REC15 190	REC16 15	REC17 110	REC18 45	REC19 85	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 EXAM MD 85 & SPECTRUM
 DATE: 12/15/2006 TIME: 09:58:17.21

RUN: S26 EXAM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 0	REC24 125	REC25 105	REC26 65	REC27 40	REC28 20
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.1	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26EXAM.OUT

S26 EXPM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 S26EXPM.DAT 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.
REC 2	164'	SE CORNER	196685.	626417.	5.
REC 3	82'	SE CORNER	196689.	626484.	5.
REC 4		SE CORNER	196696.	626557.	5.
REC 5	82'	ES CORNER	196750.	626579.	5.
REC 6	164'	ES CORNER	196836.	626587.	5.
REC 7		ES CORNER	196976.	626524.	5.
REC 8	400'	EN CORNER	197037.	626608.	5.
REC 9	164'	EN CORNER	196822.	626664.	5.
REC 10	82'	EN CORNER	196733.	626677.	5.
1196736.			196660.	626705.	5.
REC 12	82'	NE CORNER	196654.	626788.	5.
REC 13		NE CORNER	196658.	626894.	5.
REC 14	400'	NE CORNE	196653.	627100.	5.
REC 15	400'	NW CORNE	196645.	627086.	5.
REC 16	164'	NW CORNE	196528.	626851.	5.
REC 17	82'	NW CORNER	196529.	626769.	5.
REC 18		NW CORNER	196516.	626687.	5.
REC 19	82'	WN CORNER	196452.	626716.	5.
1196453.			196385.	626772.	5.
REC 21	400'	WN CORNE	196172.	626863.	5.
REC 22	400'	WS CORNE	196176.	626796.	5.
REC 23	164'	WS CORNE	196388.	626620.	5.
REC 24	82'	WS CORNER	196456.	626629.	5.
REC 25		SW CORNER	196509.	626582.	5.
REC 26	82'	SW CORNER	196511.	626497.	5.
REC 27	164'	SW CORNE	196512.	626415.	5.
REC 28	400'	SW CORNE	196494.	626173.	5.

S26 EXPM MD 85 & SPEC 45 1 1

1		NB MD85	ALLAG196602.625991.196558.625671.	1609	2.9	0.	68.	30.
2		NB MD85	ALLAG196626.626213.196604.625991.	1609	2.9	0.	68.	30.
2		NB MD 85	TAG196625.626651.196625.626215.	817	2.9	0.	44.	30.
4		NB MD 85	TAG196625.626571.196625.626270.	0.	24.	2		
149	63		4.0 817 29.1 1770 2 3					
5		NB MD 85	LAG196597.626657.196597.626977.	184	2.9	0.	32.	30.
6		NB MD 85	LAG196597.626695.196597.626895.	0.	12.	1		
149	63		4.0 184 29.1 1770 2 3					
7		NB MD 85	RAG196641.626557.196641.626268.	608	2.9	0.	32.	30.
8		NB MD 85	RAG196669.626585.196640.626558.	608	2.9	0.	32.	30.
11		NB MD 85dp	AG196608.626652.196608.627333.	976	2.9	0.	56.	30.
13		SB MD 85	AG196576.627082.196576.627333.	1196	2.9	0.	56.	30.
14		SB MD 85	TAG196586.626652.196580.627080.	945	2.9	0.	56.	30.
15		SB MD 85	TAG196580.626689.196580.626963.	0.	36.	3		
149	63		4.0 945 29.1 1770 2 3					
16		SB MD 85	LAG196597.626657.196597.626977.	184	2.9	0.	32.	30.
17		SB MD 85	LAG196597.626695.196597.626895.	0.	12.	1		
149	63		4.0 184 29.1 1770 2 3					
19		SB MD 85	RAG196568.626658.196568.626977.	67	2.9	0.	32.	30.
19		SB MD 85	RAG196568.626696.196568.626928.	0.	12.	1		
149	63		4.0 67 29.1 1583 2 3					
20		SB MD 85dp	AG196579.626243.196579.626652.	2084	2.9	0.	56.	30.
21		SB MD 85dp	AG196539.625886.196577.626241.	2084	2.9	0.	56.	30.
22		SB MD 85dp	AG196508.625686.196537.625883.	2084	2.9	0.	56.	30.
1		SPEC EB	AG196587.626609.196491.626624.	253	2.9	0.	56.	30.
0		SPEC EB	AG196491.626624.196405.626682.	253	2.9	0.	56.	30.
2		SPEC EB	AG196486.626628.196425.626669.	0.	36.	3		
149	126		4.0 253 29.1 1678 3 3					
0		SPEC EB	AG196405.626684.196350.626745.	253	2.9	0.	44.	30.
0		SPEC EB	AG196350.626745.196275.626783.	253	2.9	0.	44.	30.
0		SPEC EB	AG196275.626783.196151.626818.	253	2.9	0.	44.	30.
0		SPEC EB	AG196151.626818.195935.626882.	253	2.9	0.	44.	30.
0		SPEC EBdp	AG197607.626062.197414.626133.	814	2.9	0.	44.	30.
0		SPEC EBdp	AG197414.626133.197298.626231.	814	2.9	0.	44.	30.
0		SPEC EBdp	AG197298.626231.197109.626471.	814	2.9	0.	44.	30.
0		SPEC EBdp	AG197109.626471.197016.626546.	814	2.9	0.	44.	30.
0		SPEC EBdp	AG197016.626546.196892.626584.	814	2.9	0.	44.	30.
0		SPEC EBdp	AG196892.626584.196590.626607.	814	2.9	0.	44.	30.
2		SPEC WB T	AG196602.626636.196838.626624.	973	2.9	0.	56.	30.
149	100		4.0 973 29.1 1765 3 3					

										S26EXPM.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.		120	2.9	0.	32.	30.	
1		SPEC	WBALLAG196846.626632.197026.626584.		1093	2.9	0.	56.	30.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		1093	2.9	0.	56.	30.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		1093	2.9	0.	56.	30.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		1093	2.9	0.	44.	30.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		1093	2.9	0.	44.	30.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		1093	2.9	0.	44.	30.		
0	1	SPEC	WBDP AG195935.626901.196222.626813.		277	2.9	0.	44.	30.		
0	1	SPEC	WBDP AG196222.626813.196373.626762.		277	2.9	0.	44.	30.		
0	1	SPEC	WBDP AG196373.626762.196470.626671.		277	2.9	0.	44.	30.		
0	1	SPEC	WBDP AG196470.626671.196598.626636.		277	2.9	0.	44.	30.		
1.0	0.4	1000.	0.0Y	5 0 72							

JOB: S26 EXPM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:37.15

RUN: S26 EXPM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1609.	2.9	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1609.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	817.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626430.5	*	141.	180. AG	66.	100.0	.0	24.0	.43 7.1
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	184.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626758.4	*	63.	360. AG	33.	100.0	.0	12.0	.19 3.2
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	608.	2.9	.0	32.0	
8. 8	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	608.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	976.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1196.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	945.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626797.5	*	109.	360. AG	99.	100.0	.0	36.0	.33 5.5
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	184.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626758.4	*	63.	360. AG	33.	100.0	.0	12.0	.19 3.2
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	67.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626719.1	*	23.	360. AG	33.	100.0	.0	12.0	.08 1.2
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	2084.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	2084.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	2084.	2.9	.0	56.0	
20. 0	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	253.	2.9	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	253.	2.9	.0	56.0	
22. 0	SPEC EB *	196486.0	626628.0	196438.0	626660.3	*	58.	304. AG	198.	100.0	.0	36.0	.44 2.9
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	253.	2.9	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	253.	2.9	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	253.	2.9	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	253.	2.9	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	814.	2.9	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	814.	2.9	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	814.	2.9	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	814.	2.9	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	814.	2.9	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	814.	2.9	.0	44.0	
33. 0	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	973.	2.9	.0	56.0	
34. 0	SPEC WB T *	196680.0	626632.0	196856.9	626622.4	*	177.	93. AG	157.	100.0	.0	36.0	.64 9.0
35. 0	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	120.	2.9	.0	32.0	
36. 0	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1093.	2.9	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1093.	2.9	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1093.	2.9	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1093.	2.9	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1093.	2.9	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1093.	2.9	.0	44.0	
42. 0	SPEC WBPD *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	277.	2.9	.0	44.0	
43. 0	SPEC WBPD *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	277.	2.9	.0	44.0	
44. 0	SPEC WBPD *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	277.	2.9	.0	44.0	

JOB: S26 EXPM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:37.15

RUN: S26 EXPM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBPD *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	277.	2.9	.0	44.0	

JOB: S26 EXPM MD 85 & SPECTRUM
DATE: 12/15/2006 TIME: 09:58:37.15

RUN: S26 EXPM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	149	63	4.0	817	1770	29.10	2	3
6. 6	NB MD 85 L*	149	63	4.0	184	1770	29.10	2	3
12. 15	SB MD 85 T*	149	63	4.0	945	1770	29.10	2	3
14. 17	SB MD 85 L*	149	63	4.0	184	1770	29.10	2	3
16. 19	SB MD 85 R*	149	63	4.0	67	1583	29.10	2	3
22. 0	SPEC EB *	149	126	4.0	253	1678	29.10	3	3
34. 0	SPEC WB T *	149	100	4.0	973	1765	29.10	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26EXPM.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.		1196453.		*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 EXPM MD 85 & SPECTRUM

RUN: S26 EXPM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.1	.1	.4	.5	.5	.2	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.1	.1	.1	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.1	.1	.1	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15.	*	.0	.1	.1	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
20.	*	.0	.1	.1	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.0	.0
25.	*	.0	.1	.2	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.0	.0
30.	*	.0	.1	.2	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.0	.0
35.	*	.0	.1	.1	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.0	.0
40.	*	.0	.1	.1	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.0	.0
45.	*	.0	.0	.1	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.0	.0
50.	*	.0	.0	.1	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0
55.	*	.0	.0	.1	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.0
60.	*	.0	.0	.0	.3	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.0
65.	*	.0	.0	.0	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.0
70.	*	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.1	.0
75.	*	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.0
80.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1	.0
85.	*	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.1	.0
90.	*	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.3	.1	.1
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.4	.2	.2	.1
100.	*	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.2	.4	.1	.2	.1
105.	*	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.2	.5	.2	.1	.2
110.	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.2	.5	.2	.1	.1
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.2	.4	.2	.0	.0	.0	.0	.2	.5	.2	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.4	.2	.0	.0	.0	.0	.3	.5	.2	.1	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.4	.4	.1	.0	.0	.0	.4	.5	.1	.1	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.4	.1	.0	.0	.0	.4	.4	.1	.1	.1
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.5	.4	.1	.0	.0	.0	.4	.4	.1	.1	.2
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.5	.4	.1	.0	.0	.0	.4	.4	.1	.2	.2
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.4	.3	.1	.1	.0	.0	.3	.2	.1	.2	.2
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.3	.1	.1	.0	.0	.2	.3	.1	.3	.2
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.3	.1	.1	.0	.0	.2	.2	.1	.3	.1
160.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.4	.3	.1	.1	.0	.0	.3	.2	.1	.3	.1
165.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.4	.2	.1	.1	.0	.0	.2	.1	.1	.4	.1
170.	*	.1	.0	.0	.0	.0	.1	.0	.1	.5	.4	.2	.1	.1	.0	.0	.2	.1	.1	.3	.0
175.	*	.1	.0	.0	.0	.0	.1	.0	.1	.5	.4	.2	.1	.1	.0	.1	.2	.1	.1	.3	.0
180.	*	.1	.0	.0	.0	.0	.1	.0	.1	.5	.4	.1	.0	.0	.1	.1	.1	.1	.1	.3	.0
185.	*	.1	.0	.0	.0	.0	.1	.0	.1	.5	.4	.4	.1	.1	.1	.1	.0	.1	.0	.3	.0
190.	*	.3	.0	.0	.0	.0	.1	.0	.1	.5	.4	.4	.1	.2	.1	.2	.1	.1	.1	.2	.0
195.	*	.3	.1	.1	.0	.0	.1	.0	.1	.5	.4	.4	.2	.3	.2	.2	.1	.1	.1	.2	.0
200.	*	.4	.1	.1	.1	.0	.1	.0	.1	.5	.4	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0
205.	*	.3	.1	.1	.1	.0	.1	.0	.2	.5	.5	.2	.2	.2	.2	.2	.1	.1	.2	.1	.0

1

JOB: S26 EXPM MD 85 & SPECTRUM

RUN: S26 EXPM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)*	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.2	.2	.2	.0	.1	.0	.1	.5	.6	.1	.3	.3	.2	.2	.0	.1	.2	.1	.0
215.	*	.3	.2	.2	.2	.1	.1	.0	.1	.5	.6	.1	.2	.3	.2	.2	.0	.1	.2	.0	.0
220.	*	.3	.2	.2	.2	.1	.1	.0	.1	.5	.5	.1	.3	.3	.2	.2	.0	.1	.3	.0	.0
225.	*	.3	.2	.1	.2	.1	.1	.0	.1	.5	.4	.1	.3	.3	.2	.2	.0	.1	.3	.0	.0
230.	*	.3	.1	.2	.2	.2	.1	.0	.1	.5	.4	.1	.4	.2	.1	.2	.0	.0	.3	.0	.0
235.	*	.3	.1	.2	.2	.2	.1	.0	.1	.5	.4	.2	.4	.2	.1	.2	.0	.0	.3	.0	.0
240.	*	.3	.1	.2	.2	.2	.1	.0	.1	.5	.3	.1	.5	.2	.1	.2	.0	.0	.3	.0	.0
245.	*	.2	.1	.2	.2	.2	.1	.0	.1	.5	.3	.2	.4	.2	.1	.1	.0	.0	.2	.0	.0
250.	*	.2	.1	.2	.2	.2	.1	.0	.1	.5	.2	.2	.4	.2	.1	.1	.0	.0	.2	.0	.0
255.	*	.2	.1	.2	.2	.1	.1	.0	.1	.4	.1	.3	.3	.2	.1	.1	.0	.0	.2	.0	.0
260.	*	.2	.1	.2	.2	.2	.1	.0	.2	.4	.0	.3	.3	.2	.1	.1	.0	.0	.1	.0	.0
265.	*	.2	.1	.2	.2	.2	.2	.0	.2	.3	.0	.3	.3	.2	.1	.1	.0	.0	.1	.0	.0
270.	*	.2	.1	.2	.2	.2	.3	.0	.2	.2	.0	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.2	.2	.2	.5	.0	.2	.1	.0	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0
280.	*	.2	.1	.2	.1	.2	.5	.1	.2	.0	.1	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.2	.2	.2	.1	.5	.1	.2	.0	.1	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.2	.2	.2	.3	.6	.1	.2	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.2	.2	.2	.3	.6	.1	.1	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
300.	*	.2	.2	.2	.2	.3	.7	.1	.0	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.2	.2	.2	.2	.4	.7	.2	.0	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.1	.5	.7	.2	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26EXPM.OUT

315.	*	.3	.3	.2	.1	.6	.7	.2	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.2	.3	.2	.2	.5	.6	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.2	.3	.2	.2	.5	.6	.2	.0	.0	.0	.3	.2	.1	.2	.0	.0	.0	.0	.0
330.	*	.2	.3	.0	.3	.5	.6	.2	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
335.	*	.3	.2	.0	.4	.5	.6	.2	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
340.	*	.3	.1	.0	.4	.5	.6	.2	.0	.0	.0	.2	.2	.1	.1	.2	.0	.0	.0	.0
345.	*	.3	.0	.0	.4	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
350.	*	.3	.0	.1	.3	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
355.	*	.3	.0	.1	.4	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
360.	*	.2	.1	.1	.4	.5	.5	.2	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0

MAX	*	.4	.3	.2	.5	.6	.7	.3	.2	.5	.6	.4	.5	.3	.2	.2	.4	.5	.4	.2
DEGR.	*	200	315	25	25	315	300	320	205	170	210	125	240	195	195	190	125	105	40	165

1

JOB: S26 EXPM MD 85 & SPECTRUM

RUN: S26 EXPM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.7	.0	.1	.0	.0
5.	*	.0	.0	.0	.7	.0	.0	.0	.1
10.	*	.0	.0	.0	.7	.1	.0	.1	.1
15.	*	.0	.0	.0	.7	.2	.1	.1	.1
20.	*	.0	.0	.0	.7	.3	.1	.1	.1
25.	*	.0	.0	.0	.7	.3	.1	.1	.1
30.	*	.0	.0	.0	.7	.1	.1	.1	.1
35.	*	.0	.0	.1	.8	.1	.1	.1	.1
40.	*	.0	.0	.1	.8	.2	.1	.2	.1
45.	*	.0	.0	.1	.8	.1	.2	.3	.2
50.	*	.0	.0	.2	.8	.1	.2	.3	.2
55.	*	.0	.0	.3	.8	.1	.2	.3	.1
60.	*	.0	.0	.3	.8	.1	.2	.3	.1
65.	*	.0	.0	.3	.8	.2	.3	.2	.1
70.	*	.0	.0	.3	.7	.2	.3	.2	.1
75.	*	.0	.0	.3	.8	.2	.3	.1	.1
80.	*	.0	.0	.3	.8	.3	.2	.1	.1
85.	*	.0	.0	.3	.8	.3	.2	.1	.2
90.	*	.0	.0	.3	.8	.2	.2	.1	.2
95.	*	.0	.0	.3	.8	.2	.2	.1	.2
100.	*	.0	.0	.3	.7	.1	.2	.1	.2
105.	*	.0	.0	.2	.7	.1	.2	.1	.2
110.	*	.0	.0	.1	.6	.2	.2	.1	.2
115.	*	.0	.0	.1	.5	.2	.1	.1	.2
120.	*	.0	.0	.1	.5	.2	.1	.1	.2
125.	*	.0	.0	.1	.5	.2	.1	.1	.2
130.	*	.0	.0	.1	.4	.2	.1	.1	.2
135.	*	.0	.0	.1	.4	.2	.1	.1	.2
140.	*	.0	.0	.1	.3	.1	.1	.1	.2
145.	*	.0	.0	.1	.3	.1	.1	.1	.1
150.	*	.0	.0	.0	.2	.1	.1	.1	.1
155.	*	.0	.0	.0	.2	.1	.1	.1	.1
160.	*	.0	.0	.0	.2	.1	.1	.2	.1
165.	*	.0	.0	.0	.1	.1	.1	.2	.1
170.	*	.0	.0	.0	.1	.1	.2	.1	.1
175.	*	.0	.0	.0	.1	.1	.1	.1	.1
180.	*	.0	.0	.0	.1	.0	.0	.1	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 EXPM MD 85 & SPECTRUM

RUN: S26 EXPM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.0	.0	.0	.0
265.	*	.0	.0	.0	.1	.0	.0	.0	.0
270.	*	.0	.0	.0	.1	.0	.0	.0	.0
275.	*	.0	.0	.0	.1	.0	.0	.0	.0
280.	*	.0	.0	.0	.2	.0	.0	.0	.0
285.	*	.0	.0	.0	.2	.0	.0	.0	.0
290.	*	.0	.0	.0	.2	.1	.0	.0	.0
295.	*	.0	.0	.0	.3	.1	.0	.0	.0
300.	*	.0	.0	.0	.4	.1	.0	.0	.0
305.	*	.0	.0	.0	.5	.2	.0	.0	.0
310.	*	.0	.0	.0	.5	.2	.0	.0	.0
315.	*	.0	.0	.0	.5	.3	.0	.0	.0

S26EXPM.OUT

320.	*	.0	.0	.0	.5	.3	.0	.0	.0
325.	*	.0	.0	.0	.6	.3	.1	.0	.0
330.	*	.0	.0	.0	.6	.3	.1	.0	.0
335.	*	.0	.0	.0	.7	.2	.1	.0	.0
340.	*	.0	.0	.0	.7	.2	.1	.1	.0
345.	*	.0	.0	.0	.7	.2	.1	.1	.0
350.	*	.0	.0	.0	.7	.1	.1	.1	.0
355.	*	.0	.0	.0	.7	.1	.1	.1	.0
360.	*	.0	.0	.0	.7	.0	.1	.0	.0
MAX	*	.0	.0	.3	.8	.3	.3	.3	.2
DEGR.	*	0	0	55	85	20	65	45	45

THE HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 300 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 315 DEGREES FROM REC5 .

1

JOB: S26 EXPM MD 85 & SPECTRUM
 DATE: 12/15/2006 TIME: 09:58:37.15

RUN: S26 EXPM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 200	REC2 315	REC3 25	REC4 25	REC5 315	REC6 300	REC7 320	REC8 205	REC9 170	REC10 210	REC11 125	REC12 240	REC13 195	REC14 195	REC15 190	REC16 125	REC17 105	REC18 40	REC19 165	REC20 105
1	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0
12	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0
18	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.2	.3	.3	.5	.1	.0	.4	.3	.3	.0	.0	.0	.1	.1	.0	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 EXPM MD 85 & SPECTRUM
 DATE: 12/15/2006 TIME: 09:58:37.15

RUN: S26 EXPM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 55	REC24 85	REC25 20	REC26 65	REC27 45	REC28 45
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.1	.0	.0	.0
12	*	.0	.0	.1	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.1	.0	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.6	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.1	.0	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26EXPM.OUT

S26NB15A.DAT

S26	NB15AM	MD 85 & SPECTRUM	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	196654.	626167.	5.
REC 2	164'	SE CORNER	196685.	626417.	5.
REC 3	82'	SE CORNER	196689.	626484.	5.
REC 4		SE CORNER	196696.	626557.	5.
REC 5	82'	ES CORNER	196750.	626579.	5.
REC 6	164'	ES CORNER	196836.	626587.	5.
REC 7		ES CORNER	196976.	626524.	5.
REC 8	400'	EN CORNER	197037.	626608.	5.
REC 9	164'	EN CORNER	196822.	626664.	5.
REC 10	82'	EN CORNER	196733.	626677.	5.
1196736.			196660.	626705.	5.
REC 12	82'	NE CORNER	196654.	626788.	5.
REC 13		NE CORNER	196658.	626894.	5.
REC 14	400'	NE CORNE	196653.	627100.	5.
REC 15	400'	NW CORNE	196645.	627086.	5.
REC 16	164'	NW CORNE	196528.	626851.	5.
REC 17	82'	NW CORNER	196529.	626769.	5.
REC 18		NW CORNER	196516.	626687.	5.
REC 19	82'	WN CORNER	196452.	626716.	5.
1196453.			196385.	626772.	5.
REC 21	400'	WN CORNE	196172.	626863.	5.
REC 22	400'	WS CORNE	196176.	626796.	5.
REC 23	164'	WS CORNE	196388.	626620.	5.
REC 24	82'	WS CORNER	196456.	626629.	5.
REC 25		SW CORNER	196509.	626582.	5.
REC 26	82'	SW CORNER	196511.	626497.	5.
REC 27	164'	SW CORNE	196512.	626415.	5.
REC 28	400'	SW CORNE	196494.	626173.	5.

S26	NB15AM	MD 85 & SPEC	45	1	1

1					
1	NB	MD85	ALLAG196602.625991.196558.625671.	800	2.9 0. 68. 30.
2					
1	NB	MD85	ALLAG196626.626213.196604.625991.	800	2.9 0. 68. 30.
2					
2	NB	MD 85	TAG196625.626651.196625.626215.	475	2.9 0. 44. 30.
4					
80	NB	MD 85	TAG196625.626571.196625.626270.	0.	24. 2
		39	4.0 475 32.2 1770 2 3		
5					
2	NB	MD 85	LAG196597.626657.196597.626977.	25	2.9 0. 32. 30.
6					
80	NB	MD 85	LAG196597.626695.196597.626895.	0.	12. 1
		39	4.0 25 32.2 533 2 3		
7					
1	NB	MD 85	RAG196641.626557.196641.626268.	300	2.9 0. 32. 30.
9					
1	NB	MD 85	RAG196669.626585.196640.626558.	300	2.9 0. 32. 30.
11					
1	NB	MD 85dp	AG196608.626652.196608.627333.	675	2.9 0. 56. 30.
13					
1	SB	MD 85	AG196576.627082.196576.627333.	1125	2.9 0. 56. 30.
14					
2	SB	MD 85	TAG196586.626652.196580.627080.	925	2.9 0. 56. 30.
15					
80	SB	MD 85	TAG196580.626689.196580.626963.	0.	36. 3
		30	4.0 925 32.2 1695 2 3		
16					
2	SB	MD 85	LAG196597.626657.196597.626977.	175	2.9 0. 32. 30.
17					
80	SB	MD 85	LAG196597.626695.196597.626895.	0.	12. 1
		22	4.0 175 32.2 859 2 3		
19					
2	SB	MD 85	RAG196568.626658.196568.626977.	25	2.9 0. 32. 30.
19					
80	SB	MD 85	RAG196568.626696.196568.626928.	0.	12. 1
		30	4.0 25 32.2 1583 2 3		
20					
1	SB	MD 85dp	AG196579.626243.196579.626652.	1025	2.9 0. 56. 30.
21					
1	SB	MD 85dp	AG196539.625886.196577.626241.	1025	2.9 0. 56. 30.
22					
1	SB	MD 85dp	AG196508.625686.196537.625883.	1025	2.9 0. 56. 30.
1					
1	SPEC	EB	AG196587.626609.196491.626624.	75	3.0 0. 56. 30.
0					
2	SPEC	EB	AG196491.626624.196405.626682.	75	3.0 0. 56. 30.
80					
	SPEC	EB	AG196486.626628.196425.626669.	0.	36. 3
		68	4.0 75 32.2 1678 3 3		
0					
1	SPEC	EB	AG196405.626684.196350.626745.	75	3.0 0. 44. 30.
0					
1	SPEC	EB	AG196350.626745.196275.626783.	75	3.0 0. 44. 30.
0					
1	SPEC	EB	AG196275.626783.196151.626818.	75	3.0 0. 44. 30.
0					
1	SPEC	EB	AG196151.626818.195935.626882.	75	3.0 0. 44. 30.
0					
1	SPEC	EBdp	AG197607.626062.197414.626133.	500	3.0 0. 44. 30.
0					
1	SPEC	EBdp	AG197414.626133.197298.626231.	500	3.0 0. 44. 30.
0					
1	SPEC	EBdp	AG197298.626231.197109.626471.	500	3.0 0. 44. 30.
0					
1	SPEC	EBdp	AG197016.626546.196892.626584.	500	3.0 0. 44. 30.
0					
1	SPEC	EBdp	AG196892.626584.196590.626607.	500	3.0 0. 44. 30.
0					
2	SPEC	WB T	AG196602.626636.196838.626624.	100	3.0 0. 56. 30.
80					
	SPEC	WB T	AG196680.626632.196809.626625.	0.	36. 3
		68	4.0 100 32.2 1765 3 3		
1					

Page 2

JOB: S26 NB15AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:51:35.52

RUN: S26 NB15AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	800.	2.9	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	800.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	475.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626520.5	*	51.	180. AG	84.	100.0	.0	24.0	.31 2.6
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626700.4	*	5.	360. AG	42.	100.0	.0	12.0	.11 .3
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	300.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	300.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	675.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1125.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	925.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626739.6	*	51.	360. AG	97.	100.0	.0	36.0	.33 2.6
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	175.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626716.1	*	21.	360. AG	24.	100.0	.0	12.0	.31 1.1
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	25.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626700.1	*	4.	360. AG	32.	100.0	.0	12.0	.03 .2
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1025.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1025.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1025.	2.9	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	75.	3.0	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	75.	3.0	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196478.3	626633.2	*	9.	304. AG	220.	100.0	.0	36.0	.20 .5
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	75.	3.0	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	75.	3.0	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	75.	3.0	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	75.	3.0	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	500.	3.0	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	500.	3.0	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	500.	3.0	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	500.	3.0	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	500.	3.0	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	500.	3.0	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	100.	3.0	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196692.3	626631.4	*	12.	93. AG	220.	100.0	.0	36.0	.25 .6
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	175.	3.0	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	275.	3.0	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	275.	3.0	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	275.	3.0	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	275.	3.0	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	275.	3.0	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	275.	3.0	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	75.	3.0	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	75.	3.0	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	75.	3.0	.0	44.0	

JOB: S26 NB15AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:51:35.52

RUN: S26 NB15AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	75.	3.0	.0	44.0	

JOB: S26 NB15AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:51:35.52

RUN: S26 NB15AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	80	39	4.0	475	1770	32.20	2	3
6. 6	NB MD 85 L*	80	39	4.0	25	533	32.20	2	3
12. 15	SB MD 85 T*	80	30	4.0	925	1695	32.20	2	3
14. 17	SB MD 85 L*	80	22	4.0	175	859	32.20	2	3
16. 19	SB MD 85 R*	80	30	4.0	25	1583	32.20	2	3
22.	SPEC EB *	80	68	4.0	75	1678	32.20	3	3
34.	SPEC WB T *	80	68	4.0	100	1765	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26NB15A.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 NB15AM MD 85 & SPECTRUM

RUN: S26 NB15AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
35.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
50.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
55.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
60.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
65.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
70.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
75.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
105.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.0	.0	.1	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.2	.0	.0	.1	.0	.0

1

JOB: S26 NB15AM MD 85 & SPECTRUM

RUN: S26 NB15AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.1	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.1	.0	.0
220.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.0	.0	.1	.0	.0
225.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.2	.2	.0	.0	.1	.0	.0
230.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.2	.0	.0	.0	.0	.0
235.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0
240.	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.3	.1	.1	.2	.0	.0	.0	.0	.0
245.	*	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
250.	*	.2	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
255.	*	.2	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
260.	*	.2	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
265.	*	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
270.	*	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0
275.	*	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0
280.	*	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.2	.0	.0	.0	.0	.0
285.	*	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0
290.	*	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.0	.1	.2	.0	.0	.0	.0	.0
295.	*	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0
300.	*	.1	.0	.1	.0	.2	.1	.0	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0
305.	*	.1	.0	.1	.0	.2	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.0	.1	.0	.2	.1	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26NB15A.OUT

315.	*	.1	.0	.1	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
330.	*	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
335.	*	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
340.	*	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0
345.	*	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
350.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0
355.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
360.	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

MAX	*	.2	.0	.1	.1	.2	.1	.0	.0	.0	.1	.2	.3	.2	.2	.2	.2	.2	.1	.0
DEGR.	*	215	0	300	0	300	60	0	0	0	210	285	225	210	195	190	155	110	40	85

1

JOB: S26 NB15AM MD 85 & SPECTRUM

RUN: S26 NB15AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.0	.1	.1
30.	*	.0	.0	.0	.0	.0	.1	.1	.1
35.	*	.0	.0	.0	.0	.0	.1	.1	.0
40.	*	.0	.0	.0	.0	.0	.1	.1	.0
45.	*	.0	.0	.0	.0	.0	.1	.1	.0
50.	*	.0	.0	.0	.1	.0	.1	.1	.0
55.	*	.0	.0	.0	.1	.0	.1	.1	.0
60.	*	.0	.0	.0	.1	.1	.1	.1	.0
65.	*	.0	.0	.0	.2	.1	.1	.1	.0
70.	*	.0	.0	.0	.2	.1	.1	.1	.1
75.	*	.0	.0	.0	.2	.1	.1	.1	.1
80.	*	.0	.0	.0	.2	.1	.1	.1	.1
85.	*	.0	.0	.0	.2	.1	.1	.1	.1
90.	*	.0	.0	.0	.2	.1	.1	.1	.1
95.	*	.0	.0	.0	.2	.1	.1	.1	.1
100.	*	.0	.0	.0	.2	.1	.1	.1	.1
105.	*	.0	.0	.0	.2	.1	.1	.1	.1
110.	*	.0	.0	.0	.2	.1	.1	.1	.1
115.	*	.0	.0	.0	.1	.1	.1	.1	.1
120.	*	.0	.0	.0	.1	.1	.1	.1	.1
125.	*	.0	.0	.0	.1	.1	.1	.1	.1
130.	*	.0	.0	.0	.1	.1	.1	.1	.1
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.0	.1	.1	.1	.1
150.	*	.0	.0	.0	.0	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.0	.1
160.	*	.0	.0	.0	.0	.1	.1	.0	.1
165.	*	.0	.0	.0	.0	.1	.0	.0	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB15AM MD 85 & SPECTRUM

RUN: S26 NB15AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.1	.0	.0	.0
315.	*	.0	.0	.0	.0	.1	.0	.0	.0

S26NB15A.OUT

```

320. * .0 .0 .0 .0 .1 .0 .0 .0
325. * .0 .0 .0 .0 .1 .0 .0 .0
330. * .0 .0 .0 .0 .1 .0 .0 .0
335. * .0 .0 .0 .0 .1 .0 .0 .0
340. * .0 .0 .0 .0 .1 .0 .0 .0
345. * .0 .0 .0 .0 .1 .0 .0 .0
350. * .0 .0 .0 .0 .1 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0 .0
-----
MAX * .0 .0 .0 .2 .1 .1 .1 .1
DEGR. * 0 0 0 65 20 30 20 20

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 225 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 215 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 300 DEGREES FROM REC5 .

1

JOB: S26 NB15AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:51:35.52

RUN: S26 NB15AM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 215	REC2 0	REC3 300	REC4 0	REC5 300	REC6 60	REC7 0	REC8 0	REC9 0	REC10 210	REC11 285	REC12 225	REC13 210	REC14 195	REC15 190	REC16 155	REC17 110	REC18 40	REC19 85	REC20 0
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB15AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:51:35.52

RUN: S26 NB15AM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 0	REC23 0	REC24 65	REC25 20	REC26 30	REC27 20	REC28 20
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.2	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26NB15A.OUT

S26NB15P.DAT

S26	NB15PM	MD 85 & SPECTRUM	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	196654.	626167.	5.
REC 2	164'	SE CORNER	196685.	626417.	5.
REC 3	82'	SE CORNER	196689.	626484.	5.
REC 4		SE CORNER	196696.	626557.	5.
REC 5	82'	ES CORNER	196750.	626579.	5.
REC 6	164'	ES CORNER	196836.	626587.	5.
REC 7		ES CORNER	196976.	626524.	5.
REC 8	400'	EN CORNER	197037.	626608.	5.
REC 9	164'	EN CORNER	196822.	626664.	5.
REC 10	82'	EN CORNER	196733.	626677.	5.
1196736.			196660.	626705.	5.
REC 12	82'	NE CORNER	196654.	626788.	5.
REC 13		NE CORNER	196658.	626894.	5.
REC 14	400'	NE CORNE	196653.	627100.	5.
REC 15	400'	NW CORNE	196645.	627086.	5.
REC 16	164'	NW CORNE	196528.	626851.	5.
REC 17	82'	NW CORNER	196529.	626769.	5.
REC 18		NW CORNER	196516.	626687.	5.
REC 19	82'	WN CORNER	196452.	626716.	5.
1196453.			196385.	626772.	5.
REC 21	400'	WN CORNE	196172.	626863.	5.
REC 22	400'	WS CORNE	196176.	626796.	5.
REC 23	164'	WS CORNE	196388.	626620.	5.
REC 24	82'	WS CORNER	196456.	626629.	5.
REC 25		SW CORNER	196509.	626582.	5.
REC 26	82'	SW CORNER	196511.	626497.	5.
REC 27	164'	SW CORNE	196512.	626415.	5.
REC 28	400'	SW CORNE	196494.	626173.	5.

S26	NB15PM	MD 85 & SPEC	45	1	1

1					
1	NB	MD85	ALLAG196602.625991.196558.625671.	1225 2.9	0. 68. 30.
2					
1	NB	MD85	ALLAG196626.626213.196604.625991.	1225 2.9	0. 68. 30.
2					
2	NB	MD 85	TAG196625.626651.196625.626215.	850 2.9	0. 44. 30.
4					
65	NB	MD 85	TAG196625.626571.196625.626270.	0. 24.	2
		40	4.0 850 32.2 1770 2 3		
5					
2	NB	MD 85	LAG196597.626657.196597.626977.	25 2.9	0. 32. 30.
6					
65	NB	MD 85	LAG196597.626695.196597.626895.	0. 12.	1
		41	4.0 25 32.2 469 2 3		
7					
1	NB	MD 85	RAG196641.626557.196641.626268.	325 2.9	0. 32. 30.
9					
1	NB	MD 85	RAG196669.626585.196640.626558.	325 2.9	0. 32. 30.
11					
1	NB	MD 85dp	AG196608.626652.196608.627333.	1475 2.9	0. 56. 30.
13					
1	SB	MD 85	AG196576.627082.196576.627333.	1150 2.9	0. 56. 30.
14					
2	SB	MD 85	TAG196586.626652.196580.627080.	625 2.9	0. 56. 30.
15					
65	SB	MD 85	TAG196580.626689.196580.626963.	0. 36.	3
		24	4.0 625 32.2 1695 2 3		
16					
2	SB	MD 85	LAG196597.626657.196597.626977.	425 2.9	0. 32. 30.
17					
65	SB	MD 85	LAG196597.626695.196597.626895.	0. 12.	1
		25	4.0 425 32.2 466 2 3		
19					
2	SB	MD 85	RAG196568.626658.196568.626977.	100 2.9	0. 32. 30.
19					
65	SB	MD 85	RAG196568.626696.196568.626928.	0. 12.	1
		24	4.0 100 32.2 1583 2 3		
20					
1	SB	MD 85dp	AG196579.626243.196579.626652.	975 2.9	0. 56. 30.
21					
1	SB	MD 85dp	AG196539.625886.196577.626241.	975 2.9	0. 56. 30.
22					
1	SB	MD 85dp	AG196508.625686.196537.625883.	975 2.9	0. 56. 30.
1	SPEC	EB	AG196587.626609.196491.626624.	250 3.0	0. 56. 30.
0					
2	SPEC	EB	AG196491.626624.196405.626682.	250 3.0	0. 56. 30.
65	SPEC	EB	AG196486.626628.196425.626669.	0. 36.	3
		54	4.0 250 32.2 1678 3 3		
0					
1	SPEC	EB	AG196405.626684.196350.626745.	250 3.0	0. 44. 30.
0					
1	SPEC	EB	AG196350.626745.196275.626783.	250 3.0	0. 44. 30.
0					
1	SPEC	EB	AG196275.626783.196151.626818.	250 3.0	0. 44. 30.
0					
1	SPEC	EB	AG196151.626818.195935.626882.	250 3.0	0. 44. 30.
0					
1	SPEC	EBdp	AG197607.626062.197414.626133.	875 3.0	0. 44. 30.
0					
1	SPEC	EBdp	AG197414.626133.197298.626231.	875 3.0	0. 44. 30.
0					
1	SPEC	EBdp	AG197298.626231.197109.626471.	875 3.0	0. 44. 30.
0					
1	SPEC	EBdp	AG197016.626546.196892.626584.	875 3.0	0. 44. 30.
0					
1	SPEC	EBdp	AG196892.626584.196590.626607.	875 3.0	0. 44. 30.
2					
1	SPEC	WB T	AG196602.626636.196838.626624.	475 3.0	0. 56. 30.
65	SPEC	WB T	AG196680.626632.196809.626625.	0. 36.	3
		53	4.0 475 32.2 1765 3 3		
1					

								S26NB15P.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.		525	3.0	0.	32.
1		SPEC	WBALLAG196846.626632.197026.626584.		1000	3.0	0.	56.	30.
0	1	SPEC	WBALLAG197026.626584.197169.626465.		1000	3.0	0.	56.	30.
0	1	SPEC	WBALLAG197169.626465.197289.626288.		1000	3.0	0.	56.	30.
0	1	SPEC	WBALLAG197290.626288.197347.626211.		1000	3.0	0.	44.	30.
0	1	SPEC	WBALLAG197347.626211.197431.626152.		1000	3.0	0.	44.	30.
0	1	SPEC	WBALLAG197431.626152.197610.626090.		1000	3.0	0.	44.	30.
0	1	SPEC	WBDP	AG195935.626901.196222.626813.		275	3.0	0.	44.
0	1	SPEC	WBDP	AG196222.626813.196373.626762.		275	3.0	0.	44.
0	1	SPEC	WBDP	AG196373.626762.196470.626671.		275	3.0	0.	44.
0	1	SPEC	WBDP	AG196470.626671.196598.626636.		275	3.0	0.	44.
1.0	0.4	1000.	0.0Y	5	0 72				

1

S26NB15P.OUT
CAL3QHC: LINE SOURCE DISPERSION MODEL - VERSION 2.2, JUNE 2000

PAGE 1

JOB: S26 NB15PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:58:26.86

RUN: S26 NB15PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1225.	2.9	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1225.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	850.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626471.1	*	100.	180. AG	106.	100.0	.0	24.0	.82 5.1
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626700.6	*	6.	360. AG	54.	100.0	.0	12.0	.19 .3
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	325.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	325.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	1475.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1150.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	625.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626716.3	*	27.	360. AG	96.	100.0	.0	36.0	.23 1.4
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	425.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626653.8	*	1959.	360. AG	33.	100.0	.0	12.0	1.75 99.5
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	100.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626709.1	*	13.	360. AG	32.	100.0	.0	12.0	.12 .7
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	975.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	975.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	975.	2.9	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	250.	3.0	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	250.	3.0	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196463.0	626643.4	*	28.	304. AG	215.	100.0	.0	36.0	.64 1.4
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	250.	3.0	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	250.	3.0	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	250.	3.0	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	250.	3.0	.0	44.0	
27. 0	SPEC Ebdp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	875.	3.0	.0	44.0	
28. 0	SPEC Ebdp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	875.	3.0	.0	44.0	
29. 0	SPEC Ebdp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	875.	3.0	.0	44.0	
30. 0	SPEC Ebdp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	875.	3.0	.0	44.0	
31. 0	SPEC Ebdp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	875.	3.0	.0	44.0	
32. 0	SPEC Ebdp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	875.	3.0	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	475.	3.0	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196778.2	626626.7	*	98.	93. AG	211.	100.0	.0	36.0	.98 5.0
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	525.	3.0	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1000.	3.0	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1000.	3.0	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1000.	3.0	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1000.	3.0	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1000.	3.0	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1000.	3.0	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	275.	3.0	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	275.	3.0	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	275.	3.0	.0	44.0	

1

JOB: S26 NB15PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:58:26.86

RUN: S26 NB15PM MD 85 & SPEC

PAGE 2

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	275.	3.0	.0	44.0	

1

JOB: S26 NB15PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:58:26.86

RUN: S26 NB15PM MD 85 & SPEC

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	65	40	4.0	850	1770	32.20	2	3
6. 6	NB MD 85 L*	65	41	4.0	25	469	32.20	2	3
12. 15	SB MD 85 T*	65	24	4.0	625	1695	32.20	2	3
14. 17	SB MD 85 L*	65	25	4.0	425	466	32.20	2	3
16. 19	SB MD 85 R*	65	24	4.0	100	1583	32.20	2	3
22.	SPEC EB *	65	54	4.0	250	1678	32.20	3	3
34.	SPEC WB T *	65	53	4.0	475	1765	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26NB15P.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.		1196453.		*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 NB15PM MD 85 & SPECTRUM

RUN: S26 NB15PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.1	.1	.4	.5	.1	.2	.0	.0	.0	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0
5.	*	.1	.1	.2	.4	.5	.1	.2	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0
10.	*	.0	.1	.2	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
15.	*	.0	.1	.2	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.1	.2	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0
25.	*	.0	.1	.1	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
30.	*	.0	.1	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
35.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
40.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
45.	*	.0	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
50.	*	.0	.0	.0	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
55.	*	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
60.	*	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
65.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
70.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
75.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
80.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
85.	*	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
90.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.1	.0	.0
100.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
110.	*	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.2	.1	.1	.1	.1
115.	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1	.0	.0	.0	.1	.2	.1	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	.0	.0	.1	.2	.1	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.3	.0	.0	.0	.2	.2	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.3	.1	.0	.0	.2	.3	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.1	.0	.0	.2	.3	.2	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.1	.0	.0	.2	.1	.2	.1	.1	.1
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.5	.3	.1	.0	.0	.2	.1	.2	.1	.1	.1
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.5	.2	.2	.1	.0	.1	.0	.2	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.5	.2	.1	.1	.0	.0	.0	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.4	.2	.1	.1	.0	.0	.1	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.4	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0
175.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.6	.3	.1	.0	.1	.1	.0	.0	.1	.0	.0
185.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.6	.2	.0	.1	.1	.1	.0	.0	.1	.0	.0
190.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.5	.2	.1	.1	.1	.2	.0	.1	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.5	.2	.1	.1	.1	.3	.0	.1	.1	.0	.0
200.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.1	.1	.2	.3	.0	.1	.1	.0	.0
205.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.5	.2	.1	.1	.2	.3	.0	.1	.2	.0	.0

1

JOB: S26 NB15PM MD 85 & SPECTRUM

RUN: S26 NB15PM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.1	.0	.1	.0	.1	.2	.5	.1	.1	.1	.2	.3	.0	.1	.2	.0	.0
215.	*	.2	.1	.1	.2	.0	.1	.0	.1	.2	.6	.1	.1	.1	.2	.3	.0	.0	.2	.0	.0
220.	*	.2	.1	.1	.1	.0	.1	.0	.1	.2	.6	.1	.1	.1	.2	.2	.0	.0	.2	.0	.0
225.	*	.2	.1	.1	.1	.0	.1	.0	.1	.3	.5	.1	.1	.1	.1	.2	.0	.0	.2	.0	.0
230.	*	.2	.1	.0	.1	.1	.1	.0	.1	.4	.4	.1	.1	.1	.1	.2	.0	.0	.2	.0	.0
235.	*	.2	.1	.0	.1	.1	.1	.0	.1	.4	.3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0
240.	*	.1	.1	.0	.1	.1	.1	.0	.1	.5	.3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0
245.	*	.1	.0	.0	.1	.1	.1	.0	.1	.5	.2	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0
250.	*	.1	.0	.0	.1	.1	.1	.0	.1	.5	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
255.	*	.1	.0	.1	.1	.2	.1	.0	.1	.5	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
260.	*	.1	.0	.1	.1	.2	.1	.0	.1	.4	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
265.	*	.1	.0	.1	.1	.2	.3	.0	.2	.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
270.	*	.1	.0	.1	.1	.1	.3	.0	.2	.3	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
275.	*	.1	.0	.1	.1	.1	.4	.0	.2	.2	.0	.2	.1	.1	.1	.2	.1	.0	.0	.0	.0
280.	*	.1	.0	.1	.1	.1	.4	.1	.2	.1	.1	.2	.1	.1	.1	.2	.2	.0	.0	.0	.0
285.	*	.1	.0	.2	.1	.2	.5	.1	.2	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
290.	*	.1	.0	.2	.0	.2	.5	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
295.	*	.1	.0	.2	.0	.2	.5	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
300.	*	.1	.1	.2	.1	.3	.5	.2	.0	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
305.	*	.1	.2	.2	.1	.4	.5	.2	.0	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
310.	*	.1	.2	.1	.1	.4	.3	.1	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0

S26NB15P.OUT

315.	*	.1	.2	.2	.1	.5	.3	.1	.0	.0	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0
320.	*	.1	.2	.1	.1	.6	.2	.2	.0	.0	.1	.1	.1	.3	.3	.0	.0	.0	.0	.0
325.	*	.1	.2	.1	.2	.6	.2	.2	.0	.0	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0
330.	*	.1	.2	.1	.2	.6	.1	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0
335.	*	.3	.2	.0	.3	.7	.1	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0
340.	*	.3	.1	.1	.3	.7	.1	.2	.0	.0	.1	.2	.2	.2	.4	.0	.0	.0	.0	.0
345.	*	.3	.1	.1	.3	.5	.1	.2	.0	.0	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.4	.5	.1	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
355.	*	.2	.1	.2	.4	.5	.1	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
360.	*	.2	.1	.1	.4	.5	.1	.2	.0	.0	.0	.1	.1	.1	.0	.2	.0	.0	.0	.0
MAX	*	.3	.2	.2	.4	.7	.5	.2	.2	.5	.6	.3	.2	.2	.3	.4	.2	.3	.3	.1
DEGR.	*	335	305	5	0	335	285	0	265	240	180	130	155	325	320	325	10	135	90	25

1

JOB: S26 NB15PM MD 85 & SPECTRUM

RUN: S26 NB15PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.2	.0	.0	.0	.0
5.	*	.0	.0	.0	.2	.0	.0	.0	.0
10.	*	.0	.0	.0	.2	.1	.1	.1	.0
15.	*	.0	.0	.0	.3	.1	.1	.1	.0
20.	*	.0	.0	.0	.3	.1	.1	.0	.1
25.	*	.0	.0	.0	.5	.1	.1	.1	.1
30.	*	.0	.0	.0	.6	.1	.0	.1	.0
35.	*	.0	.0	.0	.6	.1	.1	.3	.0
40.	*	.0	.0	.0	.7	.1	.1	.3	.0
45.	*	.0	.0	.0	.7	.1	.2	.3	.0
50.	*	.0	.0	.0	.8	.0	.2	.3	.0
55.	*	.0	.0	.0	.7	.0	.3	.3	.0
60.	*	.0	.0	.1	.7	.1	.3	.2	.0
65.	*	.0	.0	.1	.7	.2	.3	.2	.0
70.	*	.0	.0	.1	.7	.2	.3	.1	.0
75.	*	.0	.0	.1	.7	.2	.2	.1	.1
80.	*	.0	.0	.2	.8	.3	.2	.1	.1
85.	*	.0	.0	.2	.7	.3	.2	.1	.1
90.	*	.0	.0	.2	.7	.3	.2	.1	.1
95.	*	.0	.0	.2	.7	.3	.2	.1	.1
100.	*	.0	.0	.1	.7	.2	.2	.1	.1
105.	*	.0	.0	.0	.5	.2	.1	.1	.1
110.	*	.0	.0	.0	.5	.2	.1	.1	.1
115.	*	.0	.0	.0	.6	.2	.1	.1	.1
120.	*	.0	.0	.0	.6	.2	.1	.1	.1
125.	*	.0	.0	.0	.5	.2	.1	.1	.1
130.	*	.0	.0	.0	.5	.2	.1	.1	.1
135.	*	.0	.0	.0	.3	.2	.1	.1	.1
140.	*	.0	.0	.0	.2	.1	.1	.1	.1
145.	*	.0	.0	.0	.2	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.1	.1	.1	.0	.1
160.	*	.0	.0	.0	.1	.1	.1	.0	.1
165.	*	.0	.0	.0	.1	.0	.0	.0	.0
170.	*	.0	.0	.0	.1	.0	.0	.0	.0
175.	*	.0	.0	.0	.1	.0	.0	.0	.0
180.	*	.0	.0	.0	.1	.0	.0	.0	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB15PM MD 85 & SPECTRUM

RUN: S26 NB15PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.1	.0	.0	.0
305.	*	.0	.0	.0	.0	.1	.0	.0	.0
310.	*	.0	.0	.0	.0	.1	.0	.0	.0
315.	*	.0	.0	.0	.1	.2	.0	.0	.0

S26NB15P.OUT

320.	*	.0	.0	.0	.1	.2	.0	.0	.0
325.	*	.0	.0	.0	.1	.2	.0	.0	.0
330.	*	.0	.0	.0	.1	.2	.0	.0	.0
335.	*	.0	.0	.0	.1	.2	.1	.0	.0
340.	*	.0	.0	.0	.1	.2	.1	.0	.0
345.	*	.0	.0	.0	.1	.1	.1	.0	.0
350.	*	.0	.0	.0	.2	.1	.1	.0	.0
355.	*	.0	.0	.0	.2	.1	.1	.0	.0
360.	*	.0	.0	.0	.2	.0	.0	.0	.0
MAX	*	.0	.0	.2	.8	.3	.3	.3	.1
DEGR.	*	0	0	80	50	80	55	35	20

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 335 DEGREES FROM REC5.
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 180 DEGREES FROM REC10.

1

JOB: S26 NB15PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:58:26.86

RUN: S26 NB15PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 335	REC2 305	REC3 5	REC4 0	REC5 335	REC6 285	REC7 0	REC8 265	REC9 240	REC10 180	REC11 130	REC12 155	REC13 325	REC14 320	REC15 325	REC16 10	REC17 135	REC18 90	REC19 25	REC20 110
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.2	.3	.5	.3	.0	.1	.4	.5	.3	.2	.0	.0	.0	.1	.1	.0	.1	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S26 NB15PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:58:26.86

RUN: S26 NB15PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 80	REC24 50	REC25 80	REC26 55	REC27 35	REC28 20
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.1	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.7	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.1	.0	.1	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26NB15P.OUT

S26B115A

S26 B115AM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B115AM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			1025	2.9	0.68.	35.
2		NB MD85ALLAG	196626.626213.196604.625991.			1025	2.9	0.68.	35.
2		NB MD 85 TAG	196625.626651.196625.626215.			575	2.9	0.44.	35.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
	40	18	4.0 575 32.2 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			25	2.9	0.32.	35.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
	40	19	4.0 25 32.2 1242 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			425	2.9	0.32.	35.
9		NB MD 85 RAG	196669.626585.196640.626558.			425	2.9	0.32.	35.
11		NB MD 85dpAG	196608.626652.196608.627333.			650	2.9	0.56.	35.
13		SB MD 85 AG	196576.627082.196576.627333.			1250	2.9	0.56.	35.
14		SB MD 85 TAG	196586.626652.196580.627080.			1075	2.9	0.56.	35.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
	40	13	4.0 1075 32.2 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			150	2.9	0.32.	35.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
	40	15	4.0 150 32.2 1242 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			25	2.9	0.32.	35.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
	40	13	4.0 25 32.2 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1225	2.9	0.56.	35.
21		SB MD 85dpAG	196539.625886.196577.626241.			1225	2.9	0.56.	35.
22		SB MD 85dpAG	196508.625686.196537.625883.			1225	2.9	0.56.	35.
		SPEC EB	AG196587.626609.196491.626624.			75	3.0	0.56.	25.
0		SPEC EB	AG196491.626624.196405.626682.			75	3.0	0.56.	25.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
	40	30	4.0 75 32.2 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			75	3.0	0.44.	25.
0		SPEC EB	AG196350.626745.196275.626783.			75	3.0	0.44.	25.
0		SPEC EB	AG196275.626783.196151.626818.			75	3.0	0.44.	25.
0		SPEC EB	AG196151.626818.195935.626882.			75	3.0	0.44.	25.
0		SPEC EBdp	AG197607.626062.197414.626133.			600	3.0	0.44.	25.
0		SPEC EBdp	AG197414.626133.197298.626231.			600	3.0	0.44.	25.
0		SPEC EBdp	AG197298.626231.197109.626471.			600	3.0	0.44.	25.
0		SPEC EBdp	AG197109.626471.197016.626546.			600	3.0	0.44.	25.
0		SPEC EBdp	AG197016.626546.196892.626584.			600	3.0	0.44.	25.
0		SPEC EBdp	AG196892.626584.196590.626607.			600	3.0	0.44.	25.
1		SPEC WB T	AG196602.626636.196838.626624.			125	3.0	0.56.	25.
2		SPEC WB T	AG196680.626632.196809.626625.			0.	36.	3	
	40	29	4.0 125 32.2 1765 3 3						

										S26B115A	
1		SPEC	WBR	AG196619.626669.196838.626642.		150	3.0	0.	32.	25.	
1		SPEC	WBALLAG196846.626632.197026.626584.		275	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		275	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		275	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		275	3.0	0.	44.	25.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		275	3.0	0.	44.	25.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		275	3.0	0.	44.	25.		
0	1	SPEC	WBDP	AG195935.626901.196222.626813.		50	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196222.626813.196373.626762.		50	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196373.626762.196470.626671.		50	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196470.626671.196598.626636.		50	3.0	0.	44.	25.	
1.0	0.4	1000.	0.0Y	5 0 72							

JOB: S26 B115AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:24:03.31

RUN: S26 B115AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85All*	196602.0 625991.0 196558.0 625671.0	*	323.	188. AG	1025.	2.9	.0	68.0	
2. 2	NB MD85All*	196626.0 626213.0 196604.0 625991.0	*	223.	186. AG	1025.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0 626651.0 196625.0 626215.0	*	436.	180. AG	575.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0 626571.0 196625.0 626542.8	*	28.	180. AG	78.	100.0	.0	24.0	.41 1.4
5. 5	NB MD 85 L*	196597.0 626657.0 196597.0 626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0 626695.0 196597.0 626697.6	*	3.	360. AG	41.	100.0	.0	12.0	.05 .1
7. 7	NB MD 85 R*	196641.0 626557.0 196641.0 626268.0	*	289.	180. AG	425.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0 626585.0 196640.0 626558.0	*	40.	227. AG	425.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0 626652.0 196608.0 627333.0	*	681.	360. AG	650.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0 627082.0 196576.0 627333.0	*	251.	360. AG	1250.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0 626652.0 196580.0 627080.0	*	428.	359. AG	1075.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0 626689.0 196580.0 626714.4	*	25.	360. AG	84.	100.0	.0	36.0	.40 1.3
13. 16	SB MD 85 L*	196597.0 626657.0 196597.0 626977.0	*	320.	360. AG	150.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0 626695.0 196597.0 626707.3	*	12.	360. AG	32.	100.0	.0	12.0	.25 .6
15. 19	SB MD 85 R*	196568.0 626658.0 196568.0 626977.0	*	319.	360. AG	25.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0 626696.0 196568.0 626697.8	*	2.	360. AG	28.	100.0	.0	12.0	.03 .1
17. 20	SB MD 85dp*	196579.0 626243.0 196579.0 626652.0	*	409.	360. AG	1225.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0 625886.0 196577.0 626241.0	*	357.	6. AG	1225.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0 625686.0 196537.0 625883.0	*	199.	8. AG	1225.	2.9	.0	56.0	
20.	SPEC EB *	196587.0 626609.0 196491.0 626624.0	*	97.	279. AG	75.	3.0	.0	56.0	
21. 0	SPEC EB *	196491.0 626624.0 196405.0 626682.0	*	104.	304. AG	75.	3.0	.0	56.0	
22.	SPEC EB *	196486.0 626628.0 196482.6 626630.3	*	4.	304. AG	194.	100.0	.0	36.0	.15 .2
23. 0	SPEC EB *	196405.0 626684.0 196350.0 626745.0	*	82.	318. AG	75.	3.0	.0	44.0	
24. 0	SPEC EB *	196350.0 626745.0 196275.0 626783.0	*	84.	297. AG	75.	3.0	.0	44.0	
25. 0	SPEC EB *	196275.0 626783.0 196151.0 626818.0	*	129.	286. AG	75.	3.0	.0	44.0	
26. 0	SPEC EB *	196151.0 626818.0 195935.0 626882.0	*	225.	287. AG	75.	3.0	.0	44.0	
27. 0	SPEC EBDp *	197607.0 626062.0 197414.0 626133.0	*	206.	290. AG	600.	3.0	.0	44.0	
28. 0	SPEC EBDp *	197414.0 626133.0 197298.0 626231.0	*	152.	310. AG	600.	3.0	.0	44.0	
29. 0	SPEC EBDp *	197298.0 626231.0 197109.0 626471.0	*	305.	322. AG	600.	3.0	.0	44.0	
30. 0	SPEC EBDp *	197109.0 626471.0 197016.0 626546.0	*	119.	309. AG	600.	3.0	.0	44.0	
31. 0	SPEC EBDp *	197016.0 626546.0 196892.0 626584.0	*	130.	287. AG	600.	3.0	.0	44.0	
32. 0	SPEC EBDp *	196892.0 626584.0 196590.0 626607.0	*	303.	274. AG	600.	3.0	.0	44.0	
33.	SPEC WB T *	196602.0 626636.0 196838.0 626624.0	*	236.	93. AG	125.	3.0	.0	56.0	
34.	SPEC WB T *	196680.0 626632.0 196686.5 626631.7	*	7.	92. AG	188.	100.0	.0	36.0	.19 .3
35.	SPEC WBR *	196619.0 626669.0 196838.0 626642.0	*	221.	97. AG	150.	3.0	.0	32.0	
36.	SPEC WBALL *	196846.0 626632.0 197026.0 626584.0	*	186.	105. AG	275.	3.0	.0	56.0	
37. 0	SPEC WBALL *	197026.0 626584.0 197169.0 626465.0	*	186.	130. AG	275.	3.0	.0	56.0	
38. 0	SPEC WBALL *	197169.0 626465.0 197289.0 626288.0	*	214.	146. AG	275.	3.0	.0	56.0	
39. 0	SPEC WBALL *	197290.0 626288.0 197347.0 626211.0	*	96.	143. AG	275.	3.0	.0	44.0	
40. 0	SPEC WBALL *	197347.0 626211.0 197431.0 626152.0	*	103.	125. AG	275.	3.0	.0	44.0	
41. 0	SPEC WBALL *	197431.0 626152.0 197610.0 626090.0	*	189.	109. AG	275.	3.0	.0	44.0	
42. 0	SPEC WBDP *	195935.0 626901.0 196222.0 626813.0	*	300.	107. AG	50.	3.0	.0	44.0	
43. 0	SPEC WBDP *	196222.0 626813.0 196373.0 626762.0	*	159.	109. AG	50.	3.0	.0	44.0	
44. 0	SPEC WBDP *	196373.0 626762.0 196470.0 626671.0	*	133.	133. AG	50.	3.0	.0	44.0	

JOB: S26 B115AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:24:03.31

RUN: S26 B115AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2 Y2	* Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0 626671.0 196598.0 626636.0	*	133.	105. AG	50.	3.0	.0	44.0	

JOB: S26 B115AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:24:03.31

RUN: S26 B115AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	40	18	4.0	575	1770	32.20	2 3
6. 6	NB MD 85 L*	40	19	4.0	25	1242	32.20	2 3
12. 15	SB MD 85 T*	40	13	4.0	1075	1695	32.20	2 3
14. 17	SB MD 85 L*	40	15	4.0	150	1242	32.20	2 3
16. 19	SB MD 85 R*	40	13	4.0	25	1583	32.20	2 3
22.	SPEC EB *	40	30	4.0	75	1678	32.20	3 3
34.	SPEC WB T *	40	29	4.0	125	1765	32.20	3 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y Z	* Y	* Z
1. REC 1 400' SE CORNER	*	196654.0 626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0 626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0 626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0 626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0 626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0 626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0 626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0 626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0 626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0 626677.0	5.0	*
11. 1196736.	*	196660.0 626705.0	5.0	*

S26B115A

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B115AM MD 85 & SPECTRUM

RUN: S26 B115AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
35.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
45.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
50.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
55.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
60.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
65.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
70.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
75.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
205.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B115AM MD 85 & SPECTRUM

RUN: S26 B115AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0	.0	.0	.0
235.	*	.2	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.2	.2	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
285.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
290.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
295.	*	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
300.	*	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
305.	*	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0

S26B115A																				
315.	*	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
330.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
335.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
340.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
345.	*	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0
350.	*	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0
355.	*	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

MAX	*	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.1	.2	.2	.0
DEGR.	*	345	240	220	50	0	50	10	0	0	0	260	215	205	190	190	15	140	65	0

1

JOB: S26 B115AM MD 85 & SPECTRUM

RUN: S26 B115AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.1
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.1	.1	.1
30.	*	.0	.0	.0	.0	.1	.1	.1	.1
35.	*	.0	.0	.0	.0	.0	.1	.1	.1
40.	*	.0	.0	.0	.0	.0	.1	.1	.0
45.	*	.0	.0	.0	.0	.0	.1	.1	.0
50.	*	.0	.0	.0	.0	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.1	.1	.1	.1
65.	*	.0	.0	.0	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.1	.1	.1	.1	.1
80.	*	.0	.0	.0	.1	.1	.1	.1	.1
85.	*	.0	.0	.0	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.1	.1	.1	.1	.1
105.	*	.0	.0	.0	.1	.1	.1	.1	.1
110.	*	.0	.0	.0	.1	.1	.1	.1	.1
115.	*	.0	.0	.0	.1	.1	.1	.1	.1
120.	*	.0	.0	.0	.0	.1	.1	.1	.1
125.	*	.0	.0	.0	.0	.1	.1	.1	.1
130.	*	.0	.0	.0	.0	.1	.1	.1	.1
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.1	.1	.1	.1	.1
150.	*	.0	.0	.0	.0	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.1	.1
160.	*	.0	.0	.0	.0	.1	.1	.0	.1
165.	*	.0	.0	.0	.0	.1	.1	.0	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B115AM MD 85 & SPECTRUM

RUN: S26 B115AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

S26B115A

320.	*	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.1	.1	.1	.1
DEGR.	*	0	0	0	65	15	25	15

THE HIGHEST CONCENTRATION IS .30 PPM AT 345 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 260 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 215 DEGREES FROM REC12.

1

JOB: S26 B115AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:24:03.31

RUN: S26 B115AM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 345	REC2 240	REC3 220	REC4 50	REC5 0	REC6 50	REC7 10	REC8 0	REC9 0	REC10 0	REC11 260	REC12 215	REC13 205	REC14 190	REC15 190	REC16 15	REC17 140	REC18 65	REC19 0	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S26 B115AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:24:03.31

RUN: S26 B115AM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)						
		REC21 0	REC22 0	REC23 0	REC24 65	REC25 15	REC26 25	REC27 15
1	*	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B115A

S26B115P

S26 B115PM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B115PM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG196602.625991.196558.625671.				1525	2.9	0.68.	35.
2		NB MD85ALLAG196626.626213.196604.625991.				1525	2.9	0.68.	35.
2		NB MD 85 TAG196625.626651.196625.626215.				1025	2.9	0.44.	35.
4		NB MD 85 TAG196625.626571.196625.626270.				0.	24.	2	
70	41	4.0 1025 32.2 1770 2 3							
5		NB MD 85 LAG196597.626657.196597.626977.				25	2.9	0.32.	35.
6		NB MD 85 LAG196597.626695.196597.626895.				0.	12.	1	
70	42	4.0 25 32.2 449 2 3							
7		NB MD 85 RAG196641.626557.196641.626268.				475	2.9	0.32.	35.
9		NB MD 85 RAG196669.626585.196640.626558.				475	2.9	0.32.	35.
11		NB MD 85dpAG196608.626652.196608.627333.				1600	2.9	0.56.	35.
13		SB MD 85 AG196576.627082.196576.627333.				1150	2.9	0.56.	35.
14		SB MD 85 TAG196586.626652.196580.627080.				675	2.9	0.56.	35.
15		SB MD 85 TAG196580.626689.196580.626963.				0.	36.	3	
70	28	4.0 675 32.2 1695 2 3							
16		SB MD 85 LAG196597.626657.196597.626977.				375	2.9	0.32.	35.
17		SB MD 85 LAG196597.626695.196597.626895.				0.	12.	1	
70	29	4.0 375 32.2 373 2 3							
19		SB MD 85 RAG196568.626658.196568.626977.				100	2.9	0.32.	35.
19		SB MD 85 RAG196568.626696.196568.626928.				0.	12.	1	
70	28	4.0 100 32.2 1583 2 3							
20		SB MD 85dpAG196579.626243.196579.626652.				1150	2.9	0.56.	35.
21		SB MD 85dpAG196539.625886.196577.626241.				1150	2.9	0.56.	35.
22		SB MD 85dpAG196508.625686.196537.625883.				1150	2.9	0.56.	35.
1		SPEC EB AG196587.626609.196491.626624.				275	3.0	0.56.	25.
0		SPEC EB AG196491.626624.196405.626682.				275	3.0	0.56.	25.
2		SPEC EB AG196486.626628.196425.626669.				0.	36.	3	
70	58	4.0 275 32.2 1678 3 3							
0		SPEC EB AG196405.626684.196350.626745.				275	3.0	0.44.	25.
0		SPEC EB AG196350.626745.196275.626783.				275	3.0	0.44.	25.
0		SPEC EB AG196275.626783.196151.626818.				275	3.0	0.44.	25.
0		SPEC EB AG196151.626818.195935.626882.				275	3.0	0.44.	25.
0		SPEC EBdp AG197607.626062.197414.626133.				1000	3.0	0.44.	25.
0		SPEC EBdp AG197414.626133.197298.626231.				1000	3.0	0.44.	25.
0		SPEC EBdp AG197298.626231.197109.626471.				1000	3.0	0.44.	25.
0		SPEC EBdp AG197109.626471.197016.626546.				1000	3.0	0.44.	25.
0		SPEC EBdp AG197016.626546.196892.626584.				1000	3.0	0.44.	25.
0		SPEC EBdp AG196892.626584.196590.626607.				1000	3.0	0.44.	25.
1		SPEC WB T AG196602.626636.196838.626624.				600	3.0	0.56.	25.
2		SPEC WB T AG196680.626632.196809.626625.				0.	36.	3	
70	54	4.0 600 32.2 1765 3 3							

										S26B115P	
1		SPEC	WBR	AG196619.626669.196838.626642.		475	3.0	0.	32.	25.	
1		SPEC	WBALLAG196846.626632.197026.626584.		1050	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		1050	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		1050	3.0	0.	56.	25.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		1050	3.0	0.	44.	25.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		1050	3.0	0.	44.	25.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		1050	3.0	0.	44.	25.		
0	1	SPEC	WBDP	AG195935.626901.196222.626813.		275	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196222.626813.196373.626762.		275	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196373.626762.196470.626671.		275	3.0	0.	44.	25.	
0	1	SPEC	WBDP	AG196470.626671.196598.626636.		275	3.0	0.	44.	25.	
1.0	0.4	1000.	0.0Y	5	0 72						

JOB: S26 B115PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:31:24.85

RUN: S26 B115PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85All*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1525.	2.9	.0	68.0	
2. 2	NB MD85All*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1525.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	1025.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626437.1	*	134.	180. AG	101.	100.0	.0	24.0	.88 6.8
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626700.8	*	6.	360. AG	52.	100.0	.0	12.0	.18 .3
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	475.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	475.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	1600.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1150.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	675.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626723.5	*	34.	360. AG	104.	100.0	.0	36.0	.26 1.8
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	375.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	628724.9	*	2030.	360. AG	36.	100.0	.0	12.0	2.02 103.1
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	100.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626711.3	*	15.	360. AG	35.	100.0	.0	12.0	.12 .8
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1150.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1150.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1150.	2.9	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	275.	3.0	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	275.	3.0	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196459.7	626645.7	*	32.	304. AG	215.	100.0	.0	36.0	.64 1.6
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	275.	3.0	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	275.	3.0	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	275.	3.0	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	275.	3.0	.0	44.0	
27. 0	SPEC Ebdp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	1000.	3.0	.0	44.0	
28. 0	SPEC Ebdp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	1000.	3.0	.0	44.0	
29. 0	SPEC Ebdp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	1000.	3.0	.0	44.0	
30. 0	SPEC Ebdp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	1000.	3.0	.0	44.0	
31. 0	SPEC Ebdp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	1000.	3.0	.0	44.0	
32. 0	SPEC Ebdp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	1000.	3.0	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	600.	3.0	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196752.2	626628.1	*	72.	93. AG	200.	100.0	.0	36.0	.79 3.7
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	475.	3.0	.0	56.0	
36.	SPEC WBALL *	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1050.	3.0	.0	56.0	
37. 0	SPEC WBALL *	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1050.	3.0	.0	56.0	
38. 0	SPEC WBALL *	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1050.	3.0	.0	56.0	
39. 0	SPEC WBALL *	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1050.	3.0	.0	44.0	
40. 0	SPEC WBALL *	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1050.	3.0	.0	44.0	
41. 0	SPEC WBALL *	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1050.	3.0	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	275.	3.0	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	275.	3.0	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	275.	3.0	.0	44.0	

JOB: S26 B115PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:31:24.85

RUN: S26 B115PM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	275.	3.0	.0	44.0	

JOB: S26 B115PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:31:24.85

RUN: S26 B115PM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	70	41	4.0	1025	1770	32.20	2	3
6. 6	NB MD 85 L*	70	42	4.0	25	449	32.20	2	3
12. 15	SB MD 85 T*	70	28	4.0	675	1695	32.20	2	3
14. 17	SB MD 85 L*	70	29	4.0	375	373	32.20	2	3
16. 19	SB MD 85 R*	70	28	4.0	100	1583	32.20	2	3
22.	SPEC EB *	70	58	4.0	275	1678	32.20	3	3
34.	SPEC WB T *	70	54	4.0	600	1765	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B115P

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.		1196453.		*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B115PM MD 85 & SPECTRUM

RUN: S26 B115PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.1	.1	.4	.3	.1	.2	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
5.	*	.2	.1	.1	.4	.3	.1	.2	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2	.0	.0	.0
10.	*	.1	.1	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
15.	*	.0	.1	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
20.	*	.0	.1	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0
25.	*	.0	.0	.1	.4	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.1	.0
30.	*	.0	.0	.1	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0
35.	*	.0	.0	.0	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.0
40.	*	.0	.0	.0	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
45.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
50.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
55.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
60.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
65.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
70.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
80.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
85.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
90.	*	.0	.0	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0
100.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
105.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
110.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
115.	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.0	.0	.0	.0	.1	.3	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.0	.0	.0	.0	.1	.3	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	.0	.0	.0	.2	.3	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	.2	.1	.0	.0	.0	.3	.3	.2	.1	.1
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.3	.1	.0	.0	.0	.2	.2	.2	.1	.1
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.2	.1	.0	.0	.0	.1	.1	.2	.1	.1
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.2	.1	.0	.0	.0	.1	.1	.2	.1	.1
160.	*	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.2	.1	.1	.0	.0	.1	.2	.2	.2	.0
165.	*	.0	.0	.0	.0	.0	.1	.0	.2	.1	.3	.2	.1	.1	.0	.0	.0	.1	.1	.2	.0
170.	*	.1	.0	.0	.0	.0	.1	.0	.2	.1	.3	.1	.1	.1	.0	.1	.0	.1	.1	.2	.0
175.	*	.1	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.0	.0	.1	.1	.0	.0	.0	.1	.0
185.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.2	.0	.1	.1	.2	.0	.0	.0	.1	.0
190.	*	.2	.0	.0	.0	.0	.1	.0	.1	.1	.4	.2	.1	.1	.1	.3	.0	.1	.1	.1	.0
195.	*	.3	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.2	.1	.3	.3	.0	.1	.1	.0	.0
200.	*	.2	.0	.1	.1	.0	.1	.0	.1	.1	.5	.3	.1	.1	.3	.3	.0	.1	.1	.0	.0
205.	*	.2	.1	.1	.2	.0	.1	.0	.2	.1	.5	.3	.1	.1	.3	.3	.0	.1	.2	.0	.0

1

JOB: S26 B115PM MD 85 & SPECTRUM

RUN: S26 B115PM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.1	.1	.2	.0	.1	.0	.1	.2	.5	.2	.1	.1	.3	.3	.0	.1	.2	.0	.0
215.	*	.3	.1	.1	.2	.0	.1	.0	.1	.2	.5	.2	.1	.2	.3	.0	.1	.2	.0	.0	.0
220.	*	.3	.1	.1	.2	.1	.1	.0	.2	.3	.4	.2	.2	.1	.2	.3	.0	.0	.2	.0	.0
225.	*	.3	.1	.2	.2	.1	.1	.0	.2	.4	.4	.1	.2	.1	.2	.3	.0	.0	.2	.0	.0
230.	*	.3	.1	.2	.2	.1	.1	.0	.2	.5	.4	.1	.2	.1	.2	.2	.0	.0	.2	.0	.0
235.	*	.2	.1	.2	.2	.1	.1	.0	.2	.6	.3	.1	.1	.1	.1	.2	.0	.0	.2	.0	.0
240.	*	.2	.1	.2	.2	.1	.1	.0	.2	.5	.3	.1	.1	.1	.1	.2	.0	.0	.1	.0	.0
245.	*	.2	.1	.2	.2	.1	.2	.0	.2	.5	.2	.1	.1	.1	.1	.2	.0	.0	.1	.0	.0
250.	*	.2	.1	.2	.2	.1	.2	.0	.2	.4	.2	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0
255.	*	.2	.1	.2	.2	.2	.2	.0	.1	.4	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
260.	*	.2	.1	.2	.2	.2	.2	.0	.1	.4	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0
265.	*	.2	.1	.3	.2	.2	.3	.0	.1	.3	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0
270.	*	.2	.1	.3	.2	.1	.3	.0	.1	.2	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0
275.	*	.2	.1	.3	.2	.2	.3	.0	.1	.2	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
280.	*	.2	.1	.3	.2	.2	.5	.0	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.2	.3	.2	.3	.5	.2	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.2	.3	.1	.3	.5	.2	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.2	.3	.2	.3	.4	.2	.1	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0
300.	*	.1	.2	.3	.2	.4	.4	.2	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.1	.3	.3	.1	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0
310.	*	.1	.3	.2	.1	.4	.3	.1	.0	.0	.1	.1	.1	.1	.3	.3	.0	.0	.0	.0	.0

S26B115P

315.	*	.1	.4	.2	.1	.5	.3	.1	.0	.0	.1	.1	.2	.1	.3	.4	.0	.0	.0	.0	.0
320.	*	.1	.3	.2	.1	.6	.2	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
325.	*	.1	.3	.2	.2	.6	.2	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
330.	*	.3	.2	.2	.2	.6	.1	.2	.0	.0	.1	.2	.3	.2	.3	.4	.0	.0	.0	.0	.0
335.	*	.3	.2	.0	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.3	.4	.0	.0	.0	.0	.0
340.	*	.3	.2	.1	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.2	.4	.0	.0	.0	.0	.0
345.	*	.3	.2	.1	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0	.0	.0
350.	*	.3	.2	.2	.4	.4	.1	.2	.0	.0	.0	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.4	.4	.1	.2	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
360.	*	.2	.1	.1	.4	.3	.1	.2	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
MAX	*	.3	.4	.3	.4	.6	.5	.2	.2	.6	.5	.3	.3	.2	.3	.4	.3	.3	.3	.2	.1
DEGR.	*	195	315	265	0	320	280	0	160	235	200	145	330	320	195	315	30	20	95	160	140

1

JOB: S26 B115PM MD 85 & SPECTRUM

RUN: S26 B115PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.3	.0	.0	.0	.0
5.	*	.0	.0	.0	.3	.0	.1	.0	.0
10.	*	.0	.0	.0	.4	.2	.1	.1	.0
15.	*	.0	.0	.0	.5	.2	.1	.1	.1
20.	*	.0	.0	.0	.6	.1	.1	.1	.1
25.	*	.0	.0	.0	.6	.1	.1	.1	.1
30.	*	.0	.0	.0	.7	.1	.1	.1	.1
35.	*	.0	.0	.0	.8	.1	.1	.2	.1
40.	*	.0	.0	.0	.8	.1	.1	.3	.0
45.	*	.0	.0	.0	.9	.1	.2	.3	.0
50.	*	.0	.0	.0	.9	.0	.2	.2	.0
55.	*	.0	.0	.1	.9	.1	.3	.2	.0
60.	*	.0	.0	.1	.8	.1	.3	.2	.1
65.	*	.0	.0	.1	.7	.2	.3	.2	.1
70.	*	.0	.0	.1	.7	.2	.2	.2	.1
75.	*	.0	.0	.1	.7	.3	.2	.2	.1
80.	*	.0	.0	.2	.8	.3	.2	.1	.1
85.	*	.0	.0	.1	.8	.3	.2	.1	.1
90.	*	.0	.0	.1	.8	.3	.2	.1	.2
95.	*	.0	.0	.1	.7	.3	.2	.1	.2
100.	*	.0	.0	.1	.7	.2	.2	.1	.2
105.	*	.0	.0	.0	.6	.2	.2	.1	.2
110.	*	.0	.0	.0	.5	.2	.2	.1	.2
115.	*	.0	.0	.0	.6	.2	.2	.1	.2
120.	*	.0	.0	.0	.6	.2	.1	.1	.2
125.	*	.0	.0	.0	.5	.2	.1	.1	.2
130.	*	.0	.0	.0	.5	.2	.1	.1	.2
135.	*	.0	.0	.0	.4	.2	.1	.1	.2
140.	*	.0	.0	.0	.2	.2	.1	.1	.1
145.	*	.0	.0	.0	.2	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.1	.1	.1	.1	.1
160.	*	.0	.0	.0	.1	.1	.1	.0	.1
165.	*	.0	.0	.0	.1	.1	.0	.0	.1
170.	*	.0	.0	.0	.1	.0	.0	.0	.0
175.	*	.0	.0	.0	.1	.0	.0	.0	.0
180.	*	.0	.0	.0	.1	.0	.0	.0	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B115PM MD 85 & SPECTRUM

RUN: S26 B115PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.1	.0	.0	.0
300.	*	.0	.0	.0	.1	.1	.0	.0	.0
305.	*	.0	.0	.0	.1	.1	.0	.0	.0
310.	*	.0	.0	.0	.1	.2	.0	.0	.0
315.	*	.0	.0	.0	.2	.2	.0	.0	.0

S26B115P

320.	*	.0	.0	.0	.2	.2	.0	.0	.0
325.	*	.0	.0	.0	.2	.2	.0	.0	.0
330.	*	.0	.0	.0	.2	.2	.0	.0	.0
335.	*	.0	.0	.0	.2	.2	.1	.0	.0
340.	*	.0	.0	.0	.2	.2	.1	.0	.0
345.	*	.0	.0	.0	.3	.1	.1	.0	.0
350.	*	.0	.0	.0	.3	.1	.1	.0	.0
355.	*	.0	.0	.0	.3	.1	.1	.0	.0
360.	*	.0	.0	.0	.3	.0	.0	.0	.0
MAX	*	.0	.0	.2	.9	.3	.3	.3	.2
DEGR.	*	0	0	80	45	75	55	40	90

THE HIGHEST CONCENTRATION IS .90 PPM AT 45 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 320 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 235 DEGREES FROM REC9 .

1

JOB: S26 B115PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:31:24.85

RUN: S26 B115PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 195	REC2 315	REC3 265	REC4 0	REC5 320	REC6 280	REC7 0	REC8 160	REC9 235	REC10 200	REC11 145	REC12 330	REC13 320	REC14 195	REC15 315	REC16 30	REC17 20	REC18 95	REC19 160	REC20 140
1	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.1	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.3	.4	.2	.0	.0	.2	.4	.3	.0	.0	.0	.0	.0	.1	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S26 B115PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:31:24.85

RUN: S26 B115PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 80	REC24 45	REC25 75	REC26 55	REC27 40	REC28 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.1	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.1	.0

Page 4

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.8	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B115P

S26B215A

S26 B215AM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B215AM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			1100	2.9	0.68.	30.
2		NB MD85ALLAG	196626.626213.196604.625991.			1100	2.9	0.68.	30.
2		NB MD 85 TAG	196625.626651.196625.626215.			625	2.9	0.44.	30.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
45	19		4.0 625 32.2 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			25	2.9	0.32.	30.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
45	20		4.0 25 32.2 745 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			450	2.9	0.32.	30.
9		NB MD 85 RAG	196669.626585.196640.626558.			450	2.9	0.32.	30.
11		NB MD 85dpAG	196608.626652.196608.627333.			800	2.9	0.56.	30.
13		SB MD 85 AG	196576.627082.196576.627333.			1275	2.9	0.56.	30.
14		SB MD 85 TAG	196586.626652.196580.627080.			1100	2.9	0.56.	30.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
45	13		4.0 1100 32.2 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			150	2.9	0.32.	30.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
45	15		4.0 150 32.2 745 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			25	2.9	0.32.	30.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
40	13		4.0 25 32.2 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1250	2.9	0.56.	30.
21		SB MD 85dpAG	196539.625886.196577.626241.			1250	2.9	0.56.	30.
22		SB MD 85dpAG	196508.625686.196537.625883.			1250	2.9	0.56.	30.
1		SPEC EB	AG196587.626609.196491.626624.			75	3.0	0.56.	30.
0		SPEC EB	AG196491.626624.196405.626682.			75	3.0	0.56.	30.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
45	35		4.0 75 32.2 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			75	3.0	0.44.	30.
0		SPEC EB	AG196350.626745.196275.626783.			75	3.0	0.44.	30.
0		SPEC EB	AG196275.626783.196151.626818.			75	3.0	0.44.	30.
0		SPEC EB	AG196151.626818.195935.626882.			75	3.0	0.44.	30.
0		SPEC EBdp	AG197607.626062.197414.626133.			625	3.0	0.44.	30.
0		SPEC EBdp	AG197414.626133.197298.626231.			625	3.0	0.44.	30.
0		SPEC EBdp	AG197298.626231.197109.626471.			625	3.0	0.44.	30.
0		SPEC EBdp	AG197109.626471.197016.626546.			625	3.0	0.44.	30.
0		SPEC EBdp	AG197016.626546.196892.626584.			625	3.0	0.44.	30.
0		SPEC EBdp	AG196892.626584.196590.626607.			625	3.0	0.44.	30.
0		SPEC WB T	AG196602.626636.196838.626624.			125	3.0	0.56.	30.
2		SPEC WB T	AG196680.626632.196809.626625.			0.	36.	3	
45	34		4.0 125 32.2 1765 3 3						

Page 2

JOB: S26 B215AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:38:00.70

RUN: S26 B215AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85All*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1100.	2.9	.0	68.0	
2. 2	NB MD85All*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1100.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	625.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626538.6	*	32.	180. AG	73.	100.0	.0	24.0	.40
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626697.7	*	3.	360. AG	38.	100.0	.0	12.0	.08
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	450.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	450.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	800.	2.9	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1275.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	1100.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626715.1	*	26.	360. AG	75.	100.0	.0	36.0	.37
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	150.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626707.3	*	12.	360. AG	29.	100.0	.0	12.0	.38
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	25.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626697.8	*	2.	360. AG	28.	100.0	.0	12.0	.03
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1250.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1250.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1250.	2.9	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	75.	3.0	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	75.	3.0	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196482.0	626630.7	*	5.	304. AG	202.	100.0	.0	36.0	.17
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	75.	3.0	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	75.	3.0	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	75.	3.0	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	75.	3.0	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	625.	3.0	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	625.	3.0	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	625.	3.0	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	625.	3.0	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	625.	3.0	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	625.	3.0	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	125.	3.0	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196687.6	626631.6	*	8.	93. AG	196.	100.0	.0	36.0	.21
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	150.	3.0	.0	32.0	
36.	SPEC WBALL *	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	275.	3.0	.0	56.0	
37. 0	SPEC WBALL *	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	275.	3.0	.0	56.0	
38. 0	SPEC WBALL *	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	275.	3.0	.0	56.0	
39. 0	SPEC WBALL *	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	275.	3.0	.0	44.0	
40. 0	SPEC WBALL *	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	275.	3.0	.0	44.0	
41. 0	SPEC WBALL *	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	275.	3.0	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	50.	3.0	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	50.	3.0	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	50.	3.0	.0	44.0	

JOB: S26 B215AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:38:00.70

RUN: S26 B215AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	50.	3.0	.0	44.0	

JOB: S26 B215AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:38:00.70

RUN: S26 B215AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	45	19	4.0	625	1770	32.20	2	3
6. 6	NB MD 85 L*	45	20	4.0	25	745	32.20	2	3
12. 15	SB MD 85 T*	45	13	4.0	1100	1695	32.20	2	3
14. 17	SB MD 85 L*	45	15	4.0	150	745	32.20	2	3
16. 19	SB MD 85 R*	40	13	4.0	25	1583	32.20	2	3
22.	SPEC EB *	45	35	4.0	75	1678	32.20	3	3
34.	SPEC WB T *	45	34	4.0	125	1765	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B215A

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B215AM MD 85 & SPECTRUM

RUN: S26 B215AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
35.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
45.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
50.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
55.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
60.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
65.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
70.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
75.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.2	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0

1

JOB: S26 B215AM MD 85 & SPECTRUM

RUN: S26 B215AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
235.	*	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
300.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26B215A																					
315.	*	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	
320.	*	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	
325.	*	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	
330.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	
335.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	
340.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	
345.	*	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.1	.1	.2	.0	.0	.0	.0	
350.	*	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	
355.	*	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	
360.	*	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

MAX	*	.3	.1	.1	.1	.1	.1	.1	.0	.0	.1	.3	.2	.2	.2	.2	.1	.1	.2	.1	.0
DEGR.	*	345	235	220	45	0	45	0	0	0	225	265	200	205	190	190	15	10	65	145	0

1

JOB: S26 B215AM MD 85 & SPECTRUM

RUN: S26 B215AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.1
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.1	.1	.1
30.	*	.0	.0	.0	.0	.1	.1	.1	.1
35.	*	.0	.0	.0	.0	.0	.1	.1	.1
40.	*	.0	.0	.0	.0	.0	.1	.1	.0
45.	*	.0	.0	.0	.0	.0	.1	.1	.0
50.	*	.0	.0	.0	.0	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.1	.1	.1	.1
65.	*	.0	.0	.0	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.1	.1	.1	.1	.1
80.	*	.0	.0	.0	.1	.1	.1	.1	.1
85.	*	.0	.0	.0	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.1	.1	.1	.1	.1
105.	*	.0	.0	.0	.1	.1	.1	.1	.1
110.	*	.0	.0	.0	.1	.1	.1	.1	.1
115.	*	.0	.0	.0	.1	.1	.1	.1	.1
120.	*	.0	.0	.0	.1	.1	.1	.1	.1
125.	*	.0	.0	.0	.1	.1	.1	.1	.1
130.	*	.0	.0	.0	.1	.1	.1	.1	.1
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.1	.1	.1	.1	.1
150.	*	.0	.0	.0	.0	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.1	.1
160.	*	.0	.0	.0	.0	.1	.1	.0	.1
165.	*	.0	.0	.0	.0	.1	.1	.0	.1
170.	*	.0	.0	.0	.0	.1	.0	.0	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B215AM MD 85 & SPECTRUM

RUN: S26 B215AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

S26B215A

```

320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----
MAX * .0 .0 .0 .1 .1 .1 .1
DEGR. * 0 0 0 65 10 25 15 15

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 345 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 265 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 200 DEGREES FROM REC12.

1

JOB: S26 B215AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:38:00.70

RUN: S26 B215AM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 345	REC2 235	REC3 220	REC4 45	REC5 0	REC6 45	REC7 0	REC8 0	REC9 0	REC10 225	REC11 265	REC12 200	REC13 205	REC14 190	REC15 190	REC16 15	REC17 10	REC18 65	REC19 145	REC20 0
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B215AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:38:00.70

RUN: S26 B215AM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 0	REC23 0	REC24 65	REC25 10	REC26 25	REC27 15	REC28 15
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.1	.1	.1

Page 4

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B215A

S26B215P

S26 B215PM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B215PM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG196602.625991.196558.625671.				1550	2.9	0.68.	30.
2		NB MD85ALLAG196626.626213.196604.625991.				1550	2.9	0.68.	30.
1									
2		NB MD 85 TAG196625.626651.196625.626215.				1025	2.9	0.44.	30.
2									
4		NB MD 85 TAG196625.626571.196625.626270.				0.	24.	2	
80	46	4.0 1025 32.2 1770 2 3							
1									
5		NB MD 85 LAG196597.626657.196597.626977.				25	2.9	0.32.	30.
2									
6		NB MD 85 LAG196597.626695.196597.626895.				0.	12.	1	
80	47	4.0 25 32.2 462 2 3							
1									
7		NB MD 85 RAG196641.626557.196641.626268.				500	2.9	0.32.	30.
1									
9		NB MD 85 RAG196669.626585.196640.626558.				500	2.9	0.32.	30.
1									
11		NB MD 85dpAG196608.626652.196608.627333.				1575	2.9	0.56.	30.
1									
13		SB MD 85 AG196576.627082.196576.627333.				1125	2.9	0.56.	30.
1									
14		SB MD 85 TAG196586.626652.196580.627080.				700	2.9	0.56.	30.
2									
15		SB MD 85 TAG196580.626689.196580.626963.				0.	36.	3	
80	30	4.0 700 32.2 1695 2 3							
1									
16		SB MD 85 LAG196597.626657.196597.626977.				350	2.9	0.32.	30.
2									
17		SB MD 85 LAG196597.626695.196597.626895.				0.	12.	1	
80	31	4.0 350 32.2 298 2 3							
1									
19		SB MD 85 RAG196568.626658.196568.626977.				75	2.9	0.32.	30.
2									
19		SB MD 85 RAG196568.626696.196568.626928.				0.	12.	1	
80	30	4.0 75 32.2 1583 2 3							
1									
20		SB MD 85dpAG196579.626243.196579.626652.				1225	2.9	0.56.	30.
1									
21		SB MD 85dpAG196539.625886.196577.626241.				1225	2.9	0.56.	30.
1									
22		SB MD 85dpAG196508.625686.196537.625883.				1225	2.9	0.56.	30.
1									
		SPEC EB AG196587.626609.196491.626624.				275	3.0	0.56.	30.
1									
0		SPEC EB AG196491.626624.196405.626682.				275	3.0	0.56.	30.
2									
		SPEC EB AG196486.626628.196425.626669.				0.	36.	3	
80	68	4.0 275 32.2 1678 3 3							
1									
0		SPEC EB AG196405.626684.196350.626745.				275	3.0	0.44.	30.
1									
0		SPEC EB AG196350.626745.196275.626783.				275	3.0	0.44.	30.
1									
0		SPEC EB AG196275.626783.196151.626818.				275	3.0	0.44.	30.
1									
0		SPEC EB AG196151.626818.195935.626882.				275	3.0	0.44.	30.
1									
0		SPEC EBdp AG197607.626062.197414.626133.				975	3.0	0.44.	30.
1									
0		SPEC EBdp AG197414.626133.197298.626231.				975	3.0	0.44.	30.
1									
0		SPEC EBdp AG197298.626231.197109.626471.				975	3.0	0.44.	30.
1									
0		SPEC EBdp AG197109.626471.197016.626546.				975	3.0	0.44.	30.
1									
0		SPEC EBdp AG197016.626546.196892.626584.				975	3.0	0.44.	30.
1									
0		SPEC EBdp AG196892.626584.196590.626607.				975	3.0	0.44.	30.
1									
		SPEC WB T AG196602.626636.196838.626624.				600	3.0	0.56.	30.
2									
		SPEC WB T AG196680.626632.196809.626625.				0.	36.	3	
80	62	4.0 600 32.2 1765 3 3							
1									

Page 2

JOB: S26 B215PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:45:30.71

RUN: S26 B215PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85All*	196602.0 625991.0	196558.0 625671.0	323.	188. AG	1550.	2.9	.0	68.0	
2. 2	NB MD85All*	196626.0 626213.0	196604.0 625991.0	223.	186. AG	1550.	2.9	.0	68.0	
3. 2	NB MD 85 T*	196625.0 626651.0	196625.0 626215.0	436.	180. AG	1025.	2.9	.0	44.0	
4. 4	NB MD 85 T*	196625.0 626571.0	196625.0 626439.1	132.	180. AG	99.	100.0	.0	24.0	.83 6.7
5. 5	NB MD 85 L*	196597.0 626657.0	196597.0 626977.0	320.	360. AG	25.	2.9	.0	32.0	
6. 6	NB MD 85 L*	196597.0 626695.0	196597.0 626701.4	6.	360. AG	51.	100.0	.0	12.0	.16 .3
7. 7	NB MD 85 R*	196641.0 626557.0	196641.0 626268.0	289.	180. AG	500.	2.9	.0	32.0	
8. 9	NB MD 85 R*	196669.0 626585.0	196640.0 626558.0	40.	227. AG	500.	2.9	.0	32.0	
9. 11	NB MD 85dp*	196608.0 626652.0	196608.0 627333.0	681.	360. AG	1575.	2.9	.0	56.0	
10. 13	SB MD 85	196576.0 627082.0	196576.0 627333.0	251.	360. AG	1125.	2.9	.0	56.0	
11. 14	SB MD 85 T*	196586.0 626652.0	196580.0 627080.0	428.	359. AG	700.	2.9	.0	56.0	
12. 15	SB MD 85 T*	196580.0 626689.0	196580.0 626727.3	38.	360. AG	97.	100.0	.0	36.0	.25 1.9
13. 16	SB MD 85 L*	196597.0 626657.0	196597.0 626977.0	320.	360. AG	350.	2.9	.0	32.0	
14. 17	SB MD 85 L*	196597.0 626695.0	196597.0 626735.3	2040.	360. AG	33.	100.0	.0	12.0	2.19 103.6
15. 19	SB MD 85 R*	196568.0 626658.0	196568.0 626977.0	319.	360. AG	75.	2.9	.0	32.0	
16. 19	SB MD 85 R*	196568.0 626696.0	196568.0 626708.3	12.	360. AG	32.	100.0	.0	12.0	.09 .6
17. 20	SB MD 85dp*	196579.0 626243.0	196579.0 626652.0	409.	360. AG	1225.	2.9	.0	56.0	
18. 21	SB MD 85dp*	196539.0 625886.0	196577.0 626241.0	357.	6. AG	1225.	2.9	.0	56.0	
19. 22	SB MD 85dp*	196508.0 625686.0	196537.0 625883.0	199.	8. AG	1225.	2.9	.0	56.0	
20.	SPEC EB	196587.0 626609.0	196491.0 626624.0	97.	279. AG	275.	3.0	.0	56.0	
21. 0	SPEC EB	196491.0 626624.0	196405.0 626682.0	104.	304. AG	275.	3.0	.0	56.0	
22.	SPEC EB	196486.0 626628.0	196452.0 626650.9	41.	304. AG	220.	100.0	.0	36.0	.73 2.1
23. 0	SPEC EB	196405.0 626684.0	196350.0 626745.0	82.	318. AG	275.	3.0	.0	44.0	
24. 0	SPEC EB	196350.0 626745.0	196275.0 626783.0	84.	297. AG	275.	3.0	.0	44.0	
25. 0	SPEC EB	196275.0 626783.0	196151.0 626818.0	129.	286. AG	275.	3.0	.0	44.0	
26. 0	SPEC EB	196151.0 626818.0	195935.0 626882.0	225.	287. AG	275.	3.0	.0	44.0	
27. 0	SPEC Ebdp	197607.0 626062.0	197414.0 626133.0	206.	290. AG	975.	3.0	.0	44.0	
28. 0	SPEC Ebdp	197414.0 626133.0	197298.0 626231.0	152.	310. AG	975.	3.0	.0	44.0	
29. 0	SPEC Ebdp	197298.0 626231.0	197109.0 626471.0	305.	322. AG	975.	3.0	.0	44.0	
30. 0	SPEC Ebdp	197109.0 626471.0	197016.0 626546.0	119.	309. AG	975.	3.0	.0	44.0	
31. 0	SPEC Ebdp	197016.0 626546.0	196892.0 626584.0	130.	287. AG	975.	3.0	.0	44.0	
32. 0	SPEC Ebdp	196892.0 626584.0	196590.0 626607.0	303.	274. AG	975.	3.0	.0	44.0	
33.	SPEC WB T	196602.0 626636.0	196838.0 626624.0	236.	93. AG	600.	3.0	.0	56.0	
34.	SPEC WB T	196680.0 626632.0	196756.5 626627.9	77.	93. AG	201.	100.0	.0	36.0	.76 3.9
35.	SPEC WBR	196619.0 626669.0	196838.0 626642.0	221.	97. AG	450.	3.0	.0	32.0	
36.	SPEC WBALL	196846.0 626632.0	197026.0 626584.0	186.	105. AG	1050.	3.0	.0	56.0	
37. 0	SPEC WBALL	197026.0 626584.0	197169.0 626465.0	186.	130. AG	1050.	3.0	.0	56.0	
38. 0	SPEC WBALL	197169.0 626465.0	197289.0 626288.0	214.	146. AG	1050.	3.0	.0	56.0	
39. 0	SPEC WBALL	197290.0 626288.0	197347.0 626211.0	96.	143. AG	1050.	3.0	.0	44.0	
40. 0	SPEC WBALL	197347.0 626211.0	197431.0 626152.0	103.	125. AG	1050.	3.0	.0	44.0	
41. 0	SPEC WBALL	197431.0 626152.0	197610.0 626090.0	189.	109. AG	1050.	3.0	.0	44.0	
42. 0	SPEC WBDP	195935.0 626901.0	196222.0 626813.0	300.	107. AG	250.	3.0	.0	44.0	
43. 0	SPEC WBDP	196222.0 626813.0	196373.0 626762.0	159.	109. AG	250.	3.0	.0	44.0	
44. 0	SPEC WBDP	196373.0 626762.0	196470.0 626671.0	133.	133. AG	250.	3.0	.0	44.0	

JOB: S26 B215PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:45:30.71

RUN: S26 B215PM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT) Y1 X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP	196470.0 626671.0	196598.0 626636.0	133.	105. AG	250.	3.0	.0	44.0	

JOB: S26 B215PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 22:45:30.71

RUN: S26 B215PM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	80	46	4.0	1025	1770	32.20	2 3
6. 6	NB MD 85 L*	80	47	4.0	25	462	32.20	2 3
12. 15	SB MD 85 T*	80	30	4.0	700	1695	32.20	2 3
14. 17	SB MD 85 L*	80	31	4.0	350	298	32.20	2 3
16. 19	SB MD 85 R*	80	30	4.0	75	1583	32.20	2 3
22.	SPEC EB	80	68	4.0	275	1678	32.20	3 3
34.	SPEC WB T	80	62	4.0	600	1765	32.20	3 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Y
1. REC 1 400' SE CORNER	*	196654.0 626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0 626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0 626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0 626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0 626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0 626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0 626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0 626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0 626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0 626677.0	5.0	*
11. 1196736.	*	196660.0 626705.0	5.0	*

S26B215P

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B215PM MD 85 & SPECTRUM

RUN: S26 B215PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE * (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.1	.1	.4	.4	.1	.2	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
5.	*	.2	.1	.1	.4	.3	.1	.2	.0	.0	.1	.1	.0	.0	.1	.0	.2	.0	.0	.0
10.	*	.1	.1	.1	.4	.3	.1	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.1	.1	.4	.2	.1	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.1	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0
25.	*	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
30.	*	.0	.0	.1	.4	.1	.2	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
35.	*	.0	.0	.1	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
40.	*	.0	.0	.0	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
45.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
50.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
55.	*	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
60.	*	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
65.	*	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
70.	*	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
80.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
85.	*	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
90.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0
100.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
110.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
115.	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.1	.2	.1	.1	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.1	.3	.1	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2	.0	.0	.1	.3	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	.0	.2	.3	.1	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	.0	.3	.3	.1	.0	.1	.0
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.3	.1	.0	.3	.3	.2	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.3	.1	.0	.3	.2	.2	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.2	.1	.0	.2	.1	.2	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.2	.1	.0	.1	.1	.2	.2	.1	.0
160.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.3	.2	.1	.1	.0	.1	.2	.2	.1	.0
165.	*	.0	.0	.0	.0	.0	.1	.0	.2	.0	.3	.2	.1	.1	.0	.0	.1	.2	.0	.0
170.	*	.1	.0	.0	.0	.0	.1	.0	.2	.0	.4	.1	.1	.1	.0	.1	.1	.2	.0	.0
175.	*	.1	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.1	.1	.1	.1	.1	.2	.0	.0
180.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.0	.0	.1	.1	.0	.2	.0	.0
185.	*	.1	.0	.0	.0	.0	.1	.0	.1	.1	.4	.2	.0	.1	.2	.0	.0	.1	.0	.0
190.	*	.3	.0	.0	.0	.0	.1	.0	.1	.1	.4	.2	.1	.1	.2	.0	.1	.1	.0	.0
195.	*	.3	.0	.0	.0	.0	.1	.0	.1	.1	.4	.3	.2	.1	.2	.3	.1	.1	.0	.0
200.	*	.3	.0	.1	.1	.0	.1	.0	.1	.1	.5	.3	.1	.1	.3	.3	.1	.1	.0	.0
205.	*	.2	.1	.1	.2	.0	.1	.0	.2	.1	.5	.2	.1	.1	.3	.0	.1	.2	.0	.0

1

JOB: S26 B215PM MD 85 & SPECTRUM

RUN: S26 B215PM MD 85 & SPEC

PAGE 5

WIND * CONCENTRATION

ANGLE * (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.1	.1	.2	.0	.1	.0	.1	.2	.5	.2	.1	.1	.3	.3	.0	.1	.2	.0
215.	*	.3	.1	.1	.2	.0	.1	.0	.1	.2	.5	.2	.1	.2	.3	.0	.1	.2	.0	.0
220.	*	.3	.1	.2	.3	.1	.1	.0	.2	.3	.5	.2	.2	.1	.2	.3	.0	.1	.3	.0
225.	*	.3	.1	.2	.3	.1	.1	.0	.2	.3	.4	.1	.2	.1	.1	.2	.0	.3	.0	.0
230.	*	.3	.1	.3	.3	.1	.1	.0	.2	.5	.3	.1	.2	.1	.1	.2	.0	.3	.0	.0
235.	*	.3	.1	.3	.2	.1	.1	.0	.2	.5	.3	.1	.1	.1	.1	.2	.0	.2	.0	.0
240.	*	.2	.2	.3	.2	.1	.1	.0	.2	.5	.3	.1	.1	.1	.1	.1	.0	.2	.0	.0
245.	*	.2	.2	.3	.2	.1	.2	.0	.2	.5	.2	.2	.1	.1	.1	.1	.0	.2	.0	.0
250.	*	.2	.2	.3	.2	.1	.2	.0	.1	.5	.2	.2	.1	.1	.1	.1	.0	.1	.0	.0
255.	*	.2	.2	.3	.2	.2	.2	.0	.1	.4	.1	.3	.1	.1	.1	.1	.0	.1	.0	.0
260.	*	.2	.2	.3	.2	.2	.2	.0	.1	.4	.1	.2	.1	.1	.1	.1	.0	.1	.0	.0
265.	*	.2	.2	.3	.2	.2	.3	.0	.1	.3	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0
270.	*	.2	.2	.4	.2	.1	.3	.0	.2	.2	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0
275.	*	.2	.2	.4	.2	.1	.3	.0	.2	.1	.1	.2	.1	.1	.2	.1	.0	.0	.0	.0
280.	*	.2	.2	.4	.2	.2	.5	.0	.1	.1	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0
285.	*	.2	.3	.4	.2	.3	.5	.2	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0
290.	*	.2	.3	.3	.1	.3	.5	.2	.1	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0
295.	*	.2	.3	.3	.2	.3	.4	.1	.1	.0	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
300.	*	.2	.3	.2	.2	.4	.4	.2	.0	.0	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0
305.	*	.1	.3	.2	.1	.3	.3	.1	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0
310.	*	.1	.3	.2	.1	.4	.3	.1	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.0

S26B215P

315.	*	.1	.4	.2	.1	.5	.3	.1	.0	.0	.1	.1	.2	.3	.0	.0	.0	.0	.0
320.	*	.1	.4	.2	.1	.6	.2	.2	.0	.0	.1	.1	.2	.1	.3	.4	.0	.0	.0
325.	*	.2	.3	.2	.2	.6	.2	.2	.0	.0	.1	.1	.2	.2	.3	.4	.0	.0	.0
330.	*	.3	.2	.2	.2	.6	.1	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0
335.	*	.3	.2	.0	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.3	.4	.0	.0	.0
340.	*	.3	.2	.1	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.2	.4	.0	.0	.0
345.	*	.3	.2	.1	.3	.6	.1	.2	.0	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0
350.	*	.3	.1	.2	.4	.5	.1	.2	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0
355.	*	.2	.2	.2	.4	.4	.1	.2	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0
360.	*	.2	.1	.1	.4	.4	.1	.2	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0
MAX	*	.3	.4	.4	.4	.6	.5	.2	.2	.5	.5	.3	.3	.2	.3	.4	.3	.3	.2
DEGR.	*	190	315	270	0	320	280	0	165	230	200	140	335	325	200	320	25	20	90
																			135

1

JOB: S26 B215PM MD 85 & SPECTRUM

RUN: S26 B215PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.6	.1	.1	.0	.0
5.	*	.0	.0	.0	.7	.0	.1	.0	.0
10.	*	.0	.0	.0	.7	.1	.1	.1	.0
15.	*	.0	.0	.0	.7	.1	.1	.2	.1
20.	*	.0	.0	.0	.8	.1	.1	.1	.1
25.	*	.0	.0	.0	.9	.1	.2	.1	.1
30.	*	.0	.0	.0	.9	.1	.1	.1	.1
35.	*	.0	.0	.0	.9	.1	.1	.2	.1
40.	*	.0	.0	.0	.9	.1	.1	.3	.0
45.	*	.0	.0	.0	.9	.1	.2	.3	.0
50.	*	.0	.0	.1	.9	.1	.2	.3	.0
55.	*	.0	.0	.1	.9	.1	.3	.2	.0
60.	*	.0	.0	.1	.8	.1	.3	.2	.1
65.	*	.0	.0	.2	.8	.2	.3	.2	.1
70.	*	.0	.0	.2	.7	.2	.2	.2	.1
75.	*	.0	.0	.2	.8	.3	.2	.2	.1
80.	*	.0	.0	.2	.8	.3	.2	.1	.1
85.	*	.0	.0	.2	.8	.3	.2	.1	.1
90.	*	.0	.0	.2	.8	.3	.2	.1	.2
95.	*	.0	.0	.1	.7	.2	.2	.1	.2
100.	*	.0	.0	.1	.7	.2	.2	.1	.2
105.	*	.0	.0	.1	.6	.2	.2	.1	.2
110.	*	.0	.0	.0	.5	.2	.2	.1	.2
115.	*	.0	.0	.0	.6	.2	.2	.1	.2
120.	*	.0	.0	.0	.6	.2	.1	.1	.2
125.	*	.0	.0	.0	.5	.2	.1	.1	.2
130.	*	.0	.0	.0	.5	.2	.1	.1	.2
135.	*	.0	.0	.0	.5	.2	.1	.1	.2
140.	*	.0	.0	.0	.3	.2	.1	.1	.1
145.	*	.0	.0	.0	.3	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.1	.1	.1	.1	.1
160.	*	.0	.0	.0	.1	.1	.1	.0	.1
165.	*	.0	.0	.0	.1	.1	.1	.0	.1
170.	*	.0	.0	.0	.1	.0	.0	.0	.1
175.	*	.0	.0	.0	.1	.0	.0	.0	.0
180.	*	.0	.0	.0	.1	.0	.0	.0	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B215PM MD 85 & SPECTRUM

RUN: S26 B215PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.1	.0	.0	.0	.0
285.	*	.0	.0	.0	.1	.0	.0	.0	.0
290.	*	.0	.0	.0	.2	.0	.0	.0	.0
295.	*	.0	.0	.0	.2	.1	.0	.0	.0
300.	*	.0	.0	.0	.3	.1	.0	.0	.0
305.	*	.0	.0	.0	.3	.2	.0	.0	.0
310.	*	.0	.0	.0	.4	.2	.0	.0	.0
315.	*	.0	.0	.0	.4	.2	.0	.0	.0

S26B215P

320.	*	.0	.0	.0	.4	.3	.0	.0	.0
325.	*	.0	.0	.0	.4	.3	.0	.0	.0
330.	*	.0	.0	.0	.4	.3	.1	.0	.0
335.	*	.0	.0	.0	.4	.2	.1	.0	.0
340.	*	.0	.0	.0	.5	.2	.1	.0	.0
345.	*	.0	.0	.0	.5	.2	.1	.0	.0
350.	*	.0	.0	.0	.5	.1	.1	.1	.0
355.	*	.0	.0	.0	.6	.1	.1	.0	.0
360.	*	.0	.0	.0	.6	.1	.1	.0	.0
MAX	*	.0	.0	.2	.9	.3	.3	.3	.2
DEGR.	*	0	0	65	25	75	55	40	90

THE HIGHEST CONCENTRATION IS .90 PPM AT 25 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 320 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 280 DEGREES FROM REC6 .

1

JOB: S26 B215PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:45:30.71

RUN: S26 B215PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																		
		REC1 190	REC2 315	REC3 270	REC4 0	REC5 320	REC6 280	REC7 0	REC8 165	REC9 230	REC10 200	REC11 140	REC12 335	REC13 325	REC14 200	REC15 320	REC16 25	REC17 20	REC18 90	REC19 155
1	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.3	.4	.2	.0	.1	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B215PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 22:45:30.71

RUN: S26 B215PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 65	REC24 25	REC25 75	REC26 55	REC27 40	REC28 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.1	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.1	.0

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.8	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.1	.1	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B215P

S26NB30A.DAT

S26 NB30AM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.
REC 2	164'	SE CORNER	196685.	626417.	5.
REC 3	82'	SE CORNER	196689.	626484.	5.
REC 4		SE CORNER	196696.	626557.	5.
REC 5	82'	ES CORNER	196750.	626579.	5.
REC 6	164'	ES CORNER	196836.	626587.	5.
REC 7		ES CORNER	196976.	626524.	5.
REC 8	400'	EN CORNER	197037.	626608.	5.
REC 9	164'	EN CORNER	196822.	626664.	5.
REC 10	82'	EN CORNER	196733.	626677.	5.
1196736.			196660.	626705.	5.
REC 12	82'	NE CORNER	196654.	626788.	5.
REC 13		NE CORNER	196658.	626894.	5.
REC 14	400'	NE CORNE	196653.	627100.	5.
REC 15	400'	NW CORNE	196645.	627086.	5.
REC 16	164'	NW CORNE	196528.	626851.	5.
REC 17	82'	NW CORNER	196529.	626769.	5.
REC 18		NW CORNER	196516.	626687.	5.
REC 19	82'	WN CORNER	196452.	626716.	5.
1196453.			196385.	626772.	5.
REC 21	400'	WN CORNE	196172.	626863.	5.
REC 22	400'	WS CORNE	196176.	626796.	5.
REC 23	164'	WS CORNE	196388.	626620.	5.
REC 24	82'	WS CORNER	196456.	626629.	5.
REC 25		SW CORNER	196509.	626582.	5.
REC 26	82'	SW CORNER	196511.	626497.	5.
REC 27	164'	SW CORNE	196512.	626415.	5.
REC 28	400'	SW CORNE	196494.	626173.	5.
S26 NB30AM MD 85 & SPEC			45	1	1
1		NB MD85ALLAG196602.625991.196558.625671.	1575	2.6	0. 68. 35.
2		NB MD85ALLAG196626.626213.196604.625991.	1575	2.6	0. 68. 35.
2		NB MD 85 TAG196625.626651.196625.626215.	875	2.6	0. 44. 35.
4		NB MD 85 TAG196625.626571.196625.626270.	0.	24.	2
60	28	4.0 875 28.3 1770 2 3			
5		NB MD 85 LAG196597.626657.196597.626977.	25	2.6	0. 32. 35.
6		NB MD 85 LAG196597.626695.196597.626895.	0.	12.	1
60	28	4.0 25 28.3 373 2 3			
7		NB MD 85 RAG196641.626557.196641.626268.	675	2.6	0. 32. 35.
9		NB MD 85 RAG196669.626585.196640.626558.	675	2.6	0. 32. 35.
11		NB MD 85dpAG196608.626652.196608.627333.	1100	2.6	0. 56. 35.
13		SB MD 85 AG196576.627082.196576.627333.	1900	2.6	0. 56. 35.
14		SB MD 85 TAG196586.626652.196580.627080.	1675	2.6	0. 56. 35.
15		SB MD 85 TAG196580.626689.196580.626963.	0.	36.	3
60	19	4.0 1625 28.3 1695 2 3			
16		SB MD 85 LAG196597.626657.196597.626977.	200	2.6	0. 32. 35.
17		SB MD 85 LAG196597.626695.196597.626895.	0.	12.	1
60	20	4.0 200 28.3 509 2 3			
19		SB MD 85 RAG196568.626658.196568.626977.	25	2.6	0. 32. 35.
19		SB MD 85 RAG196568.626696.196568.626928.	0.	12.	1
60	19	4.0 25 28.3 1583 2 3			
20		SB MD 85dpAG196579.626243.196579.626652.	1900	2.6	0. 56. 35.
21		SB MD 85dpAG196539.625886.196577.626241.	1900	2.6	0. 56. 35.
22		SB MD 85dpAG196508.625686.196537.625883.	1900	2.6	0. 56. 35.
1		SPEC EB AG196587.626609.196491.626624.	50	2.7	0. 56. 25.
0		SPEC EB AG196491.626624.196405.626682.	50	2.7	0. 56. 25.
2		SPEC EB AG196486.626628.196425.626669.	0.	36.	3
60	50	4.0 50 28.3 1648 3 3			
0		SPEC EB AG196405.626684.196350.626745.	50	2.7	0. 44. 25.
0		SPEC EB AG196350.626745.196275.626783.	50	2.7	0. 44. 25.
0		SPEC EB AG196275.626783.196151.626818.	50	2.7	0. 44. 25.
0		SPEC EB AG196151.626818.195935.626882.	50	2.7	0. 44. 25.
0		SPEC EBdp AG197607.626062.197414.626133.	875	2.7	0. 44. 25.
0		SPEC EBdp AG197414.626133.197298.626231.	875	2.7	0. 44. 25.
0		SPEC EBdp AG197298.626231.197109.626471.	875	2.7	0. 44. 25.
0		SPEC EBdp AG197109.626471.197016.626546.	875	2.7	0. 44. 25.
0		SPEC EBdp AG197016.626546.196892.626584.	875	2.7	0. 44. 25.
0		SPEC EBdp AG196892.626584.196590.626607.	875	2.7	0. 44. 25.
1		SPEC WB T AG196602.626636.196838.626624.	25	2.7	0. 56. 25.
2		SPEC WB T AG196680.626632.196809.626625.	0.	36.	3
60	47	4.0 25 28.3 1765 3 3			

[illegible]

JOB: S26 NB30AM MD 85 & SPECTRUM
DATE: 12/20/2006 TIME: 11:44:09.01

RUN: S26 NB30AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1575.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1575.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	875.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626504.1	*	67.	180. AG	71. 100.0	.0	24.0	.57	3.4
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25. 2.6	.0	32.0		
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626698.9	*	4.	360. AG	35. 100.0	.0	12.0	.16	.2
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	675. 2.6	.0	32.0		
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	675. 2.6	.0	32.0		
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	1100. 2.6	.0	56.0		
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1900. 2.6	.0	56.0		
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	1675. 2.6	.0	56.0		
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626745.2	*	56.	360. AG	72. 100.0	.0	36.0	.55	2.9
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	200. 2.6	.0	32.0		
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626717.5	*	22.	360. AG	25. 100.0	.0	12.0	.69	1.1
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	25. 2.6	.0	32.0		
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626698.6	*	3.	360. AG	24. 100.0	.0	12.0	.03	.1
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1900. 2.6	.0	56.0		
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1900. 2.6	.0	56.0		
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1900. 2.6	.0	56.0		
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	50. 2.7	.0	56.0		
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	50. 2.7	.0	56.0		
22.	SPEC EB *	196486.0	626628.0	196482.4	626630.5	*	4.	304. AG	190. 100.0	.0	36.0	.15	.2
23. 0	SPEC EB *	196405.0	626684.0	196330.5	626745.0	*	82.	318. AG	50. 2.7	.0	44.0		
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	50. 2.7	.0	44.0		
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	50. 2.7	.0	44.0		
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	50. 2.7	.0	44.0		
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	875. 2.7	.0	44.0		
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	875. 2.7	.0	44.0		
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	875. 2.7	.0	44.0		
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	875. 2.7	.0	44.0		
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	875. 2.7	.0	44.0		
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	875. 2.7	.0	44.0		
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	25. 2.7	.0	56.0		
34.	SPEC WB T *	196680.0	626632.0	196682.1	626631.9	*	2.	94. AG	178. 100.0	.0	36.0	.04	.1
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	200. 2.7	.0	32.0		
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	425. 2.7	.0	56.0		
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	425. 2.7	.0	56.0		
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	425. 2.7	.0	56.0		
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	425. 2.7	.0	44.0		
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	425. 2.7	.0	44.0		
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	425. 2.7	.0	44.0		
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	75. 2.7	.0	44.0		
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	75. 2.7	.0	44.0		
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	75. 2.7	.0	44.0		

JOB: S26 NB30AM MD 85 & SPECTRUM
DATE: 12/20/2006 TIME: 11:44:09.01

RUN: S26 NB30AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	75.	2.7	.0	44.0	

JOB: S26 NB30AM MD 85 & SPECTRUM
DATE: 12/20/2006 TIME: 11:44:09.01

RUN: S26 NB30AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	60	28	4.0	875	1770	28.30	2	3
6. 6	NB MD 85 L*	60	28	4.0	25	373	28.30	2	3
12. 15	SB MD 85 T*	60	19	4.0	1625	1695	28.30	2	3
14. 17	SB MD 85 L*	60	20	4.0	200	509	28.30	2	3
16. 19	SB MD 85 R*	60	19	4.0	25	1583	28.30	2	3
22.	SPEC EB *	60	50	4.0	50	1648	28.30	3	3
34.	SPEC WB T *	60	47	4.0	25	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26NB30A.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 NB30AM MD 85 & SPECTRUM

RUN: S26 NB30AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
10.	*	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
20.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
25.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
30.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
35.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
40.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
45.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.0
50.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
55.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
60.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
65.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
70.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
75.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
80.	*	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
85.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
90.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
95.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
100.	*	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
110.	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
135.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
140.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0
165.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0
175.	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0
185.	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.1	.0	.2	.2	.0	.0	.0	.0	.0
190.	*	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
195.	*	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
200.	*	.3	.1	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
205.	*	.3	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0

1

JOB: S26 NB30AM MD 85 & SPECTRUM

RUN: S26 NB30AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.3	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.3	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.3	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
235.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0
270.	*	.2	.1	.1	.2	.1	.2	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.2	.1	.2	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.2	.1	.2	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.1	.2	.1	.1	.1	.0	.0	.0	.1	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
300.	*	.2	.1	.2	.2	.1	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.2	.1	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.2	.1	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26NB30A.OUT

315.	*	.1	.1	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.2	.2	.1	.2	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0
330.	*	.2	.2	.0	.2	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
335.	*	.3	.1	.0	.2	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
340.	*	.3	.0	.1	.3	.1	.1	.1	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0
345.	*	.3	.0	.1	.3	.1	.1	.1	.0	.0	.0	.2	.2	.1	.2	.2	.0	.0	.0	.0
350.	*	.3	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.1	.1	.2	.0	.0	.0	.0
355.	*	.3	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0
360.	*	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
MAX	*	.3	.2	.2	.3	.2	.2	.1	.0	.0	.1	.3	.3	.2	.2	.2	.2	.3	.3	.1
DEGR.	*	195	320	290	340	255	95	0	0	0	210	260	205	195	185	185	15	110	45	30

1

JOB: S26 NB30AM MD 85 & SPECTRUM

RUN: S26 NB30AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.1	.1	.0	.0
10.	*	.0	.0	.0	.0	.1	.1	.1	.1
15.	*	.0	.0	.0	.0	.1	.1	.1	.1
20.	*	.0	.0	.0	.0	.2	.2	.1	.1
25.	*	.0	.0	.0	.1	.2	.1	.1	.1
30.	*	.0	.0	.0	.1	.1	.1	.1	.1
35.	*	.0	.0	.0	.1	.1	.1	.1	.1
40.	*	.0	.0	.0	.1	.1	.1	.1	.1
45.	*	.0	.0	.0	.1	.1	.1	.1	.1
50.	*	.0	.0	.0	.1	.1	.1	.1	.1
55.	*	.0	.0	.0	.1	.1	.1	.1	.1
60.	*	.0	.0	.0	.1	.1	.1	.1	.1
65.	*	.0	.0	.0	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.1	.1	.2	.1	.1
75.	*	.0	.0	.0	.1	.1	.2	.1	.1
80.	*	.0	.0	.0	.1	.2	.1	.1	.1
85.	*	.0	.0	.0	.1	.2	.1	.1	.1
90.	*	.0	.0	.0	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.2	.1	.1	.1	.2
100.	*	.0	.0	.0	.2	.1	.1	.1	.2
105.	*	.0	.0	.0	.2	.1	.1	.1	.2
110.	*	.0	.0	.0	.2	.2	.1	.1	.2
115.	*	.0	.0	.0	.2	.1	.1	.1	.2
120.	*	.0	.0	.0	.2	.1	.1	.1	.2
125.	*	.0	.0	.0	.1	.1	.1	.1	.2
130.	*	.0	.0	.0	.1	.1	.1	.1	.2
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.1	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.1	.1	.1	.1	.1
160.	*	.0	.0	.0	.1	.1	.1	.1	.1
165.	*	.0	.0	.0	.0	.1	.1	.1	.1
170.	*	.0	.0	.0	.0	.1	.1	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.1	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB30AM MD 85 & SPECTRUM

RUN: S26 NB30AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.2	.2	.2	.1	.2
DEGR.	*	.0	.0	.0	95	20	20	10	95

1

PAGE 8

[illegible]

1

PAGE 9

		CO/LINK (PPM)							
		ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		0	0	0	95	20	20	10	95
LINK	#								
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.1	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.1	.0	.1	.1	.0

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26NB30A.OUT

S26NB30P.DAT

S26 NB30PM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 NB30PM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			2600	2.6	0. 68.	35.
2		NB MD85ALLAG	196626.626213.196604.625991.			2600	2.6	0. 68.	35.
2		NB MD 85 TAG	196625.626651.196625.626215.			1775	2.6	0. 44.	35.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
150		82	4.0 1775 28.3 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			50	2.6	0. 32.	35.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
150		83	4.0 50 28.3 332 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			775	2.6	0. 32.	35.
9		NB MD 85 RAG	196669.626585.196640.626558.			775	2.6	0. 32.	35.
11		NB MD 85dpAG	196608.626652.196608.627333.			2525	2.6	0. 56.	35.
13		SB MD 85 AG	196576.627082.196576.627333.			1625	2.6	0. 56.	35.
14		SB MD 85 TAG	196586.626652.196580.627080.			1000	2.6	0. 56.	35.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
150		53	4.0 1000 28.3 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			525	2.6	0. 32.	35.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
150		54	4.0 525 28.3 525 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			100	2.6	0. 32.	35.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
150		53	4.0 100 28.3 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1775	2.6	0. 56.	35.
21		SB MD 85dpAG	196539.625886.196577.626241.			1775	2.6	0. 56.	35.
22		SB MD 85dpAG	196508.625686.196537.625883.			1775	2.6	0. 56.	35.
1		SPEC EB	AG196587.626609.196491.626624.			350	2.7	0. 56.	25.
0		SPEC EB	AG196491.626624.196405.626682.			350	2.7	0. 56.	25.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
150		132	4.0 350 28.3 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			350	2.7	0. 44.	25.
0		SPEC EB	AG196350.626745.196275.626783.			350	2.7	0. 44.	25.
0		SPEC EB	AG196275.626783.196151.626818.			350	2.7	0. 44.	25.
0		SPEC EB	AG196151.626818.195935.626882.			350	2.7	0. 44.	25.
0		SPEC EBdp	AG197607.626062.197414.626133.			1475	2.7	0. 44.	25.
0		SPEC EBdp	AG197414.626133.197298.626231.			1475	2.7	0. 44.	25.
0		SPEC EBdp	AG197298.626231.197109.626471.			1475	2.7	0. 44.	25.
0		SPEC EBdp	AG197109.626471.197016.626546.			1475	2.7	0. 44.	25.
0		SPEC EBdp	AG197016.626546.196892.626584.			1475	2.7	0. 44.	25.
0		SPEC EBdp	AG196892.626584.196590.626607.			1475	2.7	0. 44.	25.
2		SPEC WB T	AG196602.626636.196838.626624.			950	2.7	0. 56.	25.
150		SPEC WB T	AG196680.626632.196809.626625.			0.	36.	3	
119			4.0 950 28.3 1765 3 3						

										S26NB30P.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.		625	2.7	0.	32.	25.	
1		SPEC	WBALLAG196846.626632.197026.626584.		1575	2.7	0.	56.	25.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		1575	2.7	0.	56.	25.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		1575	2.7	0.	56.	25.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		1575	2.7	0.	44.	25.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		1575	2.7	0.	44.	25.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		1575	2.7	0.	44.	25.		
0	1	SPEC	WBDP AG195935.626901.196222.626813.		375	2.7	0.	44.	25.		
0	1	SPEC	WBDP AG196222.626813.196373.626762.		375	2.7	0.	44.	25.		
0	1	SPEC	WBDP AG196373.626762.196470.626671.		375	2.7	0.	44.	25.		
0	1	SPEC	WBDP AG196470.626671.196598.626636.		375	2.7	0.	44.	25.		
1.0	0.4	1000.	0.0Y	5	0	72					

JOB: S26 NB30PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:54:27.62

RUN: S26 NB30PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	2600.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	2600.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	1775.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	624532.5	*	2038.	180. AG	83.	100.0	.0	24.0	1.21 103.6
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	50.	2.6	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626717.7	*	23.	360. AG	42.	100.0	.0	12.0	.37 1.2
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	775.	2.6	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	775.	2.6	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	2525.	2.6	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1625.	2.6	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	1000.	2.6	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626785.6	*	97.	360. AG	80.	100.0	.0	36.0	.32 4.9
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	525.	2.6	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	629028.2	*	2333.	360. AG	27.	100.0	.0	12.0	1.67 118.5
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	100.	2.6	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626725.0	*	29.	360. AG	27.	100.0	.0	12.0	.10 1.5
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1775.	2.6	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1775.	2.6	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1775.	2.6	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	350.	2.7	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	350.	2.7	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196398.6	626686.8	*	105.	304. AG	200.	100.0	.0	36.0	.87 5.4
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	350.	2.7	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	350.	2.7	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	350.	2.7	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	350.	2.7	.0	44.0	
27. 0	SPEC Ebdp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	1475.	2.7	.0	44.0	
28. 0	SPEC Ebdp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	1475.	2.7	.0	44.0	
29. 0	SPEC Ebdp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	1475.	2.7	.0	44.0	
30. 0	SPEC Ebdp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	1475.	2.7	.0	44.0	
31. 0	SPEC Ebdp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	1475.	2.7	.0	44.0	
32. 0	SPEC Ebdp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	1475.	2.7	.0	44.0	
33. 0	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	950.	2.7	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	197190.8	626604.2	*	512.	93. AG	181.	100.0	.0	36.0	1.07 26.0
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	625.	2.7	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1575.	2.7	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1575.	2.7	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1575.	2.7	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1575.	2.7	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1575.	2.7	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1575.	2.7	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	375.	2.7	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	375.	2.7	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	375.	2.7	.0	44.0	

JOB: S26 NB30PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:54:27.62

RUN: S26 NB30PM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	375.	2.7	.0	44.0	

JOB: S26 NB30PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:54:27.62

RUN: S26 NB30PM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	150	82	4.0	1775	1770	28.30	2	3
6. 6	NB MD 85 L*	150	83	4.0	50	332	28.30	2	3
12. 15	SB MD 85 T*	150	53	4.0	1000	1695	28.30	2	3
14. 17	SB MD 85 L*	150	54	4.0	525	525	28.30	2	3
16. 19	SB MD 85 R*	150	53	4.0	100	1583	28.30	2	3
22.	SPEC EB *	150	132	4.0	350	1678	28.30	3	3
34.	SPEC WB T *	150	119	4.0	950	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26NB30P.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 NB30PM MD 85 & SPECTRUM

RUN: S26 NB30PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.4	.2	.3	.4	.6	.6	.5	.5	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
5.	*	.3	.1	.2	.4	.6	.6	.5	.5	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
10.	*	.4	.1	.3	.4	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
15.	*	.2	.1	.3	.4	.6	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
20.	*	.1	.1	.3	.4	.6	.7	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
25.	*	.1	.1	.3	.4	.6	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.0
30.	*	.1	.1	.3	.4	.6	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
35.	*	.1	.1	.3	.4	.6	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
40.	*	.1	.1	.3	.4	.6	.7	.4	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
45.	*	.1	.2	.3	.4	.7	.7	.4	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
50.	*	.0	.2	.2	.4	.7	.7	.5	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
55.	*	.0	.1	.2	.4	.7	.7	.5	.7	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
60.	*	.0	.1	.2	.4	.8	.8	.4	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1
65.	*	.0	.1	.2	.5	.7	.8	.5	.9	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1
70.	*	.0	.1	.2	.4	.8	.8	.5	1.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1
75.	*	.0	.1	.1	.4	.8	.9	.3	1.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1
80.	*	.0	.0	.1	.4	.7	.8	.3	1.1	.1	.1	.0	.0	.0	.0	.0	.2	.3	.4	.2	.1
85.	*	.0	.0	.1	.3	.7	.9	.2	1.2	.1	.1	.1	.0	.0	.0	.0	.2	.3	.3	.3	.1
90.	*	.0	.0	.0	.3	.5	.8	.2	1.2	.2	.2	.1	.0	.0	.0	.0	.2	.3	.4	.3	.1
95.	*	.0	.0	.0	.1	.4	.7	.2	1.2	.4	.3	.2	.0	.0	.0	.0	.2	.5	.3	.4	.2
100.	*	.0	.0	.0	.1	.3	.6	.2	1.1	.5	.4	.2	.1	.0	.0	.0	.2	.5	.4	.3	.2
105.	*	.0	.0	.0	.0	.2	.4	.2	1.0	.6	.5	.3	.1	.0	.0	.0	.3	.6	.4	.3	.1
110.	*	.0	.0	.0	.0	.1	.3	.1	.9	.6	.7	.3	.1	.0	.0	.0	.3	.6	.4	.2	.1
115.	*	.0	.0	.0	.0	.1	.2	.1	.8	.7	.7	.4	.2	.1	.0	.0	.3	.6	.2	.1	.1
120.	*	.0	.0	.0	.0	.1	.1	.2	.7	.7	.7	.4	.2	.1	.0	.0	.3	.6	.2	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.1	.6	.6	.8	.4	.2	.1	.0	.0	.3	.6	.4	.0	.1
130.	*	.0	.0	.0	.0	.0	.1	.1	.5	.6	.8	.4	.2	.1	.0	.0	.3	.5	.3	.1	.1
135.	*	.0	.0	.0	.0	.0	.1	.0	.6	.6	.7	.5	.2	.1	.1	.1	.4	.4	.2	.1	.1
140.	*	.0	.0	.0	.0	.0	.1	.0	.6	.6	.7	.5	.2	.1	.1	.1	.4	.4	.3	.3	.3
145.	*	.0	.0	.0	.0	.0	.1	.0	.7	.7	.7	.4	.2	.1	.1	.1	.4	.3	.3	.3	.4
150.	*	.0	.0	.0	.0	.0	.1	.0	.6	.7	.7	.4	.2	.1	.1	.1	.4	.3	.3	.4	.4
155.	*	.0	.0	.0	.0	.0	.1	.0	.6	.6	.7	.4	.2	.1	.1	.1	.3	.4	.3	.4	.5
160.	*	.0	.0	.0	.0	.0	.1	.0	.6	.5	.7	.3	.1	.1	.1	.1	.4	.4	.3	.5	.3
165.	*	.2	.0	.0	.0	.0	.1	.0	.5	.5	.7	.2	.1	.1	.1	.1	.4	.3	.2	.4	.3
170.	*	.2	.0	.0	.0	.0	.1	.0	.5	.7	.7	.3	.2	.2	.1	.2	.3	.3	.2	.4	.3
175.	*	.3	.1	.1	.1	.0	.1	.0	.5	.7	.7	.4	.3	.2	.2	.2	.2	.2	.2	.5	.1
180.	*	.5	.1	.1	.1	.1	.1	.0	.5	.7	.8	.4	.2	.2	.2	.3	.1	.2	.1	.4	.1
185.	*	.6	.3	.2	.1	.1	.1	.0	.5	.8	.8	.4	.4	.2	.3	.3	.2	.1	.0	.4	.1
190.	*	.6	.3	.3	.3	.1	.2	.0	.5	.8	.8	.5	.4	.2	.2	.3	.1	.1	.1	.4	.0
195.	*	.7	.4	.3	.3	.1	.2	.0	.4	.8	.8	.4	.4	.3	.3	.4	.1	.1	.1	.4	.0
200.	*	.8	.5	.3	.3	.1	.2	.1	.5	.8	.9	.3	.2	.3	.3	.4	.1	.1	.1	.4	.0
205.	*	.8	.4	.3	.4	.1	.2	.1	.5	.8	.9	.3	.3	.3	.3	.4	.1	.1	.2	.4	.0

1

JOB: S26 NB30PM MD 85 & SPECTRUM

RUN: S26 NB30PM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.7	.3	.4	.3	.2	.2	.1	.6	.8	1.0	.3	.3	.3	.3	.3	.1	.2	.2	.4	.0
215.	*	.7	.3	.4	.3	.2	.2	.0	.5	.9	.9	.3	.3	.5	.3	.3	.1	.2	.2	.4	.0
220.	*	.6	.4	.3	.3	.2	.2	.0	.5	.9	.9	.2	.3	.4	.3	.3	.1	.2	.3	.4	.0
225.	*	.6	.3	.3	.3	.2	.2	.0	.6	.9	.9	.2	.5	.4	.2	.3	.0	.2	.3	.3	.0
230.	*	.5	.3	.3	.3	.3	.2	.0	.6	.9	.7	.2	.5	.3	.2	.3	.0	.1	.3	.3	.0
235.	*	.5	.3	.3	.3	.3	.2	.0	.6	.8	.7	.1	.5	.2	.2	.3	.0	.1	.3	.3	.0
240.	*	.5	.3	.3	.3	.2	.2	.0	.7	.8	.4	.2	.5	.2	.2	.3	.0	.1	.3	.2	.0
245.	*	.5	.3	.3	.3	.2	.2	.0	.8	.8	.3	.2	.5	.2	.2	.2	.0	.1	.3	.2	.0
250.	*	.5	.3	.3	.3	.3	.3	.0	1.0	.7	.3	.2	.5	.2	.2	.2	.0	.0	.3	.1	.0
255.	*	.5	.3	.3	.3	.3	.2	.0	1.2	.7	.2	.3	.3	.2	.2	.2	.0	.0	.3	.1	.0
260.	*	.5	.3	.3	.3	.3	.2	.0	1.5	.5	.2	.3	.3	.2	.2	.2	.0	.0	.3	.1	.0
265.	*	.5	.3	.3	.3	.2	.3	.0	1.5	.5	.3	.4	.4	.2	.3	.2	.0	.0	.3	.0	.0
270.	*	.5	.3	.3	.3	.3	.4	.0	1.6	.5	.2	.4	.4	.2	.3	.2	.0	.0	.2	.0	.0
275.	*	.5	.3	.3	.3	.4	.6	.0	1.6	.2	.2	.4	.4	.3	.2	.3	.0	.0	.2	.0	.0
280.	*	.5	.3	.3	.4	.4	.8	.2	1.5	.1	.1	.3	.3	.2	.3	.3	.0	.0	.1	.0	.0
285.	*	.5	.3	.3	.3	.3	.7	.2	1.4	.1	.2	.3	.3	.2	.3	.3	.0	.0	.1	.0	.0
290.	*	.5	.3	.3	.4	.4	.7	.3	1.3	.1	.2	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0
295.	*	.5	.3	.4	.4	.5	.8	.4	1.1	.1	.2	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0
300.	*	.5	.3	.4	.3	.5	.8	.5	1.1	.1	.2	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0
305.	*	.5	.3	.4	.3	.6	.9	.4	.9	.1	.1	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0
310.	*	.5	.4	.4	.2	.7	.8	.5	.8	.1	.1	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0

S26NB30P.OUT

315.	*	.4	.4	.4	.3	.7	.8	.5	.7	.1	.1	.4	.3	.3	.3	.0	.0	.0	.0	.0
320.	*	.5	.4	.3	.3	.7	.8	.5	.6	.1	.1	.4	.3	.2	.3	.3	.0	.0	.0	.0
325.	*	.7	.3	.2	.2	.8	.8	.5	.6	.1	.1	.3	.3	.2	.3	.3	.0	.0	.0	.0
330.	*	.7	.3	.3	.2	.7	.8	.5	.5	.1	.1	.3	.3	.2	.3	.4	.0	.0	.0	.0
335.	*	.6	.2	.2	.3	.7	.8	.5	.5	.1	.1	.3	.3	.2	.3	.4	.0	.0	.0	.0
340.	*	.6	.3	.2	.3	.7	.7	.5	.5	.0	.1	.2	.3	.2	.4	.4	.0	.0	.0	.0
345.	*	.6	.3	.1	.3	.7	.7	.4	.5	.0	.1	.3	.3	.3	.3	.4	.0	.0	.0	.0
350.	*	.6	.2	.3	.4	.7	.7	.5	.5	.0	.1	.2	.3	.3	.2	.3	.0	.0	.0	.0
355.	*	.5	.2	.3	.4	.6	.6	.5	.5	.0	.0	.1	.2	.1	.1	.3	.0	.0	.0	.0
360.	*	.4	.2	.3	.4	.6	.6	.5	.5	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0	.0
MAX	*	.8	.5	.4	.5	.8	.9	.5	1.6	.9	1.0	.5	.5	.5	.4	.4	.4	.6	.4	.5
DEGR.	*	200	200	210	65	60	75	0	270	215	210	135	225	215	340	195	135	105	80	160
																				155

1

JOB: S26 NB30PM MD 85 & SPECTRUM

RUN: S26 NB30PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.1	.8	.1	.2	.1	.0
5.	*	.0	.0	.2	.7	.1	.1	.1	.0
10.	*	.0	.0	.2	.7	.1	.1	.1	.1
15.	*	.0	.0	.2	.8	.2	.1	.2	.1
20.	*	.0	.0	.3	.8	.3	.2	.2	.2
25.	*	.0	.0	.4	.8	.2	.2	.1	.4
30.	*	.0	.0	.4	.8	.2	.2	.1	.4
35.	*	.0	.0	.4	.8	.2	.1	.3	.4
40.	*	.0	.0	.5	.9	.1	.1	.4	.4
45.	*	.0	.0	.5	.9	.2	.2	.4	.4
50.	*	.0	.0	.5	.9	.2	.3	.4	.4
55.	*	.0	.0	.5	.9	.1	.3	.4	.3
60.	*	.0	.0	.5	.9	.2	.6	.4	.2
65.	*	.0	.0	.5	.8	.2	.6	.4	.2
70.	*	.0	.0	.3	.9	.4	.5	.4	.2
75.	*	.0	.0	.4	.8	.5	.5	.4	.3
80.	*	.0	.0	.4	.8	.5	.4	.4	.3
85.	*	.0	.0	.3	.8	.5	.4	.3	.3
90.	*	.0	.0	.4	.9	.5	.4	.3	.3
95.	*	.0	.1	.2	1.0	.5	.3	.3	.3
100.	*	.1	.1	.2	.9	.4	.3	.3	.3
105.	*	.1	.2	.2	.8	.4	.3	.3	.3
110.	*	.1	.2	.0	.7	.3	.3	.3	.3
115.	*	.1	.2	.0	.5	.3	.3	.3	.3
120.	*	.1	.1	.1	.6	.3	.3	.3	.3
125.	*	.1	.1	.1	.6	.3	.3	.3	.3
130.	*	.1	.1	.1	.5	.3	.3	.3	.3
135.	*	.1	.0	.1	.5	.3	.3	.3	.3
140.	*	.0	.0	.1	.4	.3	.3	.3	.3
145.	*	.0	.0	.1	.4	.3	.3	.2	.3
150.	*	.0	.0	.1	.3	.3	.3	.2	.3
155.	*	.0	.0	.1	.3	.3	.2	.2	.3
160.	*	.0	.0	.1	.2	.2	.2	.3	.3
165.	*	.0	.0	.1	.2	.2	.2	.3	.3
170.	*	.0	.0	.1	.2	.2	.2	.2	.3
175.	*	.0	.0	.0	.2	.1	.1	.2	.3
180.	*	.0	.0	.0	.1	.1	.1	.1	.1
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB30PM MD 85 & SPECTRUM

RUN: S26 NB30PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.0	.0	.0	.0
265.	*	.0	.0	.0	.1	.0	.0	.0	.0
270.	*	.0	.0	.0	.1	.0	.0	.0	.0
275.	*	.0	.0	.0	.2	.0	.0	.0	.0
280.	*	.0	.0	.0	.2	.0	.0	.0	.0
285.	*	.0	.0	.0	.3	.0	.0	.0	.0
290.	*	.0	.0	.0	.4	.1	.0	.0	.0
295.	*	.0	.0	.0	.5	.1	.0	.0	.0
300.	*	.0	.0	.0	.6	.2	.0	.0	.0
305.	*	.0	.0	.0	.7	.3	.0	.0	.0
310.	*	.0	.0	.0	.8	.4	.0	.0	.0
315.	*	.0	.0	.0	.9	.4	.1	.0	.0

S26NB30P.OUT

```

320. * .0 .0 .0 .9 .4 .1 .0 .0
325. * .0 .0 .0 .9 .4 .1 .0 .0
330. * .0 .0 .0 .9 .4 .2 .1 .0
335. * .0 .0 .0 .9 .3 .2 .1 .0
340. * .0 .0 .0 .9 .2 .2 .1 .0
345. * .0 .0 .0 .9 .2 .1 .1 .0
350. * .0 .0 .1 .8 .1 .1 .1 .0
355. * .0 .0 .1 .8 .1 .1 .1 .0
360. * .0 .0 .1 .8 .1 .2 .1 .0
-----
MAX * .1 .2 .5 1.0 .5 .6 .4 .4
DEGR. * 100 105 40 95 75 60 40 25

```

THE HIGHEST CONCENTRATION IS 1.60 PPM AT 270 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 95 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 210 DEGREES FROM REC10.

1

JOB: S26 NB30PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:54:27.62

RUN: S26 NB30PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 200	REC2 200	REC3 210	REC4 65	REC5 60	REC6 75	REC7 0	REC8 270	REC9 215	REC10 210	REC11 135	REC12 225	REC13 215	REC14 340	REC15 195	REC16 135	REC17 105	REC18 80	REC19 160	REC20 155
1 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.3	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.1	.1	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.1	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
18 *	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.4	.5	.6	.3	1.3	.5	.4	.3	.0	.0	.0	.0	.1	.2	.1	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 NB30PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:54:27.62

RUN: S26 NB30PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 100	REC22 105	REC23 40	REC24 95	REC25 75	REC26 60	REC27 40	REC28 25
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.1	.1	.1	.1
4 *	.0	.0	.0	.0	.0	.1	.1	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.1	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.1	.1	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.6	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.1	.1	.1	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.1	.1	.0	.2	.2	.2	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26NB30P.OUT

S26B130A.DAT

S26 B130AM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B130AM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			1325	2.6	0.68.	30.
2		NB MD85ALLAG	196626.626213.196604.625991.			1325	2.6	0.68.	30.
2		NB MD 85 TAG	196625.626651.196625.626215.			850	2.6	0.44.	30.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
55		30	4.0 850 28.3 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			25	2.6	0.32.	30.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
55		30	4.0 25 28.3 396 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			450	2.6	0.32.	30.
9		NB MD 85 RAG	196669.626585.196640.626558.			450	2.6	0.32.	30.
11		NB MD 85dpAG	196608.626652.196608.627333.			1075	2.6	0.56.	30.
13		SB MD 85 AG	196576.627082.196576.627333.			1550	2.6	0.56.	30.
14		SB MD 85 TAG	196586.626652.196580.627080.			1300	2.6	0.56.	30.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
55		21	4.0 1300 28.3 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			200	2.6	0.32.	30.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
55		20	4.0 200 28.3 477 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			50	2.6	0.32.	30.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
55		21	4.0 50 28.3 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1450	2.6	0.56.	30.
21		SB MD 85dpAG	196539.625886.196577.626241.			1450	2.6	0.56.	30.
22		SB MD 85dpAG	196508.625686.196537.625883.			1450	2.6	0.56.	30.
1		SPEC EB	AG196587.626609.196491.626624.			75	2.7	0.56.	30.
0		SPEC EB	AG196491.626624.196405.626682.			75	2.7	0.56.	30.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
55		47	4.0 75 28.3 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			75	2.7	0.44.	30.
0		SPEC EB	AG196350.626745.196275.626783.			75	2.7	0.44.	30.
0		SPEC EB	AG196275.626783.196151.626818.			75	2.7	0.44.	30.
0		SPEC EB	AG196151.626818.195935.626882.			75	2.7	0.44.	30.
0		SPEC EBdp	AG197607.626062.197414.626133.			675	2.7	0.44.	30.
0		SPEC EBdp	AG197414.626133.197298.626231.			675	2.7	0.44.	30.
0		SPEC EBdp	AG197298.626231.197109.626471.			675	2.7	0.44.	30.
0		SPEC EBdp	AG197109.626471.197016.626546.			675	2.7	0.44.	30.
0		SPEC EBdp	AG197016.626546.196892.626584.			675	2.7	0.44.	30.
0		SPEC EBdp	AG196892.626584.196590.626607.			675	2.7	0.44.	30.
2		SPEC WB T	AG196602.626636.196838.626624.			150	2.7	0.56.	30.
55		SPEC WB T	AG196680.626632.196809.626625.			0.	36.	3	
45		4.0 150 28.3 1765 3 3							

										S26B130A.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.		200	2.7	0.	32.	30.	
1		SPEC	WBALLAG196846.626632.197026.626584.		350	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		350	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		350	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		350	2.7	0.	44.	30.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		350	2.7	0.	44.	30.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		350	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG195935.626901.196222.626813.		100	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196222.626813.196373.626762.		100	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196373.626762.196470.626671.		100	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196470.626671.196598.626636.		100	2.7	0.	44.	30.		
1.0	0.4	1000.	0.0Y	5	0 72						

JOB: S26 B130AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:48:58.78

RUN: S26 B130AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1325.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1325.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	850.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626501.3	*	70.	180. AG	83.	100.0	.0	24.0	.70 3.5
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.6	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626699.1	*	4.	360. AG	41.	100.0	.0	12.0	.18 .2
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	450.	2.6	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	450.	2.6	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	1075.	2.6	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1550.	2.6	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	1300.	2.6	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626738.7	*	50.	360. AG	87.	100.0	.0	36.0	.50 2.5
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	200.	2.6	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626726.0	*	31.	360. AG	28.	100.0	.0	12.0	.80 1.6
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	50.	2.6	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626701.7	*	6.	360. AG	29.	100.0	.0	12.0	.06 .3
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1450.	2.6	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1450.	2.6	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1450.	2.6	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	75.	2.7	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	75.	2.7	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196480.6	626631.7	*	7.	304. AG	195.	100.0	.0	36.0	.41 .3
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	75.	2.7	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	75.	2.7	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	75.	2.7	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	75.	2.7	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	675.	2.7	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	675.	2.7	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	675.	2.7	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	675.	2.7	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	675.	2.7	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	675.	2.7	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	150.	2.7	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196692.3	626631.4	*	12.	93. AG	186.	100.0	.0	36.0	.39 .6
35.	SPEC WB T *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	200.	2.7	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	350.	2.7	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	350.	2.7	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	350.	2.7	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	350.	2.7	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	350.	2.7	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	350.	2.7	.0	44.0	
42. 0	SPEC WBPD *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	100.	2.7	.0	44.0	
43. 0	SPEC WBPD *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	100.	2.7	.0	44.0	
44. 0	SPEC WBPD *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	100.	2.7	.0	44.0	

JOB: S26 B130AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:48:58.78

RUN: S26 B130AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBPD *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	100.	2.7	.0	44.0	

JOB: S26 B130AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:48:58.78

RUN: S26 B130AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	55	30	4.0	850	1770	28.30	2	3
6. 6	NB MD 85 L*	55	30	4.0	25	396	28.30	2	3
12. 15	SB MD 85 T*	55	21	4.0	1300	1695	28.30	2	3
14. 17	SB MD 85 L*	55	20	4.0	200	477	28.30	2	3
16. 19	SB MD 85 R*	55	21	4.0	50	1583	28.30	2	3
22.	SPEC EB *	55	47	4.0	75	1678	28.30	3	3
34.	SPEC WB T *	55	45	4.0	150	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B130A.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B130AM MD 85 & SPECTRUM

RUN: S26 B130AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
35.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
40.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
45.	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
50.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
55.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
60.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
65.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
70.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
75.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
205.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0

1

JOB: S26 B130AM MD 85 & SPECTRUM

RUN: S26 B130AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0
235.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.1	.2	.2	.1	.2	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.1	.2	.0	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.1	.2	.0	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.1	.2	.0	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
300.	*	.2	.1	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.1	.1	.2	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.1	.1	.0	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26B130A.OUT

315.	*	.1	.1	.1	.0	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.2	.2	.1	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
330.	*	.2	.1	.1	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
335.	*	.3	.1	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
340.	*	.3	.1	.0	.2	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
345.	*	.3	.0	.0	.2	.1	.0	.1	.0	.0	.0	.2	.2	.1	.1	.2	.0	.0	.0	.0
350.	*	.3	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
355.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
360.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
MAX	*	.3	.2	.2	.2	.2	.1	.1	.0	.0	.1	.3	.3	.2	.2	.2	.2	.3	.2	.1
DEGR.	*	335	325	285	230	260	50	0	0	0	210	255	215	200	190	190	20	115	20	85

1

JOB: S26 B130AM MD 85 & SPECTRUM

RUN: S26 B130AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.1
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.1	.1	.1
30.	*	.0	.0	.0	.0	.1	.1	.1	.1
35.	*	.0	.0	.0	.0	.1	.1	.1	.1
40.	*	.0	.0	.0	.0	.0	.1	.1	.1
45.	*	.0	.0	.0	.0	.0	.1	.1	.0
50.	*	.0	.0	.0	.0	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.1	.1	.1	.0
60.	*	.0	.0	.0	.1	.1	.2	.1	.1
65.	*	.0	.0	.0	.1	.1	.2	.1	.1
70.	*	.0	.0	.0	.1	.1	.2	.1	.1
75.	*	.0	.0	.0	.1	.1	.2	.1	.1
80.	*	.0	.0	.0	.1	.1	.2	.1	.1
85.	*	.0	.0	.0	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.1	.2	.1	.1	.1
105.	*	.0	.0	.0	.1	.2	.1	.1	.1
110.	*	.0	.0	.0	.1	.2	.1	.1	.1
115.	*	.0	.0	.0	.1	.2	.1	.1	.1
120.	*	.0	.0	.0	.2	.2	.1	.1	.1
125.	*	.0	.0	.0	.2	.1	.1	.1	.1
130.	*	.0	.0	.0	.2	.1	.1	.1	.1
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.1	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.1	.1
160.	*	.0	.0	.0	.0	.1	.1	.1	.1
165.	*	.0	.0	.0	.0	.1	.1	.0	.1
170.	*	.0	.0	.0	.0	.1	.0	.0	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B130AM MD 85 & SPECTRUM

RUN: S26 B130AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

S26B130A.OUT

320.	*	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.0	.1	.0	.0	.0
330.	*	.0	.0	.0	.0	.1	.0	.0	.0
335.	*	.0	.0	.0	.0	.1	.0	.0	.0
340.	*	.0	.0	.0	.0	.1	.0	.0	.0
345.	*	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.0	.0	.2	.2	.2	.1	.1
DEGR.	*	0	0	0	120	100	60	15	15

THE HIGHEST CONCENTRATION IS .30 PPM AT 335 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 255 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 215 DEGREES FROM REC12.

1

JOB: S26 B130AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:48:58.78

RUN: S26 B130AM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 335	REC2 325	REC3 285	REC4 230	REC5 260	REC6 50	REC7 0	REC8 0	REC9 0	REC10 210	REC11 255	REC12 215	REC13 200	REC14 190	REC15 190	REC16 20	REC17 115	REC18 20	REC19 85	REC20 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B130AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:48:58.78

RUN: S26 B130AM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 0	REC23 0	REC24 120	REC25 100	REC26 60	REC27 15	REC28 15
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.1	.1	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.1	.1	.1	.1	.1

18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B130A.OUT

S26B130P.DAT

S26 B130PM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B130PM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			1900	2.6	0. 68.	30.
2		NB MD85ALLAG	196626.626213.196604.625991.			1900	2.6	0. 68.	30.
2		NB MD 85 TAG	196625.626651.196625.626215.			1350	2.6	0. 44.	30.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
130		75	4.0 1350 28.3 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			25	2.6	0. 32.	30.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
130		76	4.0 25 28.3 435 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			525	2.6	0. 32.	30.
9		NB MD 85 RAG	196669.626585.196640.626558.			525	2.6	0. 32.	30.
11		NB MD 85dpAG	196608.626652.196608.627333.			2100	2.6	0. 56.	30.
13		SB MD 85 AG	196576.627082.196576.627333.			1450	2.6	0. 56.	30.
14		SB MD 85 TAG	196586.626652.196580.627080.			825	2.6	0. 56.	30.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
130		45	4.0 825 28.3 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			500	2.6	0. 32.	30.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
130		44	4.0 500 28.3 159 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			125	2.6	0. 32.	30.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
130		45	4.0 125 28.3 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1375	2.6	0. 56.	30.
21		SB MD 85dpAG	196539.625886.196577.626241.			1375	2.6	0. 56.	30.
22		SB MD 85dpAG	196508.625686.196537.625883.			1375	2.6	0. 56.	30.
1		SPEC EB	AG196587.626609.196491.626624.			350	2.7	0. 56.	30.
0		SPEC EB	AG196491.626624.196405.626682.			350	2.7	0. 56.	30.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
130		113	4.0 350 28.3 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			350	2.7	0. 44.	30.
0		SPEC EB	AG196350.626745.196275.626783.			350	2.7	0. 44.	30.
0		SPEC EB	AG196275.626783.196151.626818.			350	2.7	0. 44.	30.
0		SPEC EB	AG196151.626818.195935.626882.			350	2.7	0. 44.	30.
0		SPEC EBdp	AG197607.626062.197414.626133.			1175	2.7	0. 44.	30.
0		SPEC EBdp	AG197414.626133.197298.626231.			1175	2.7	0. 44.	30.
0		SPEC EBdp	AG197298.626231.197109.626471.			1175	2.7	0. 44.	30.
0		SPEC EBdp	AG197109.626471.197016.626546.			1175	2.7	0. 44.	30.
0		SPEC EBdp	AG197016.626546.196892.626584.			1175	2.7	0. 44.	30.
0		SPEC EBdp	AG196892.626584.196590.626607.			1175	2.7	0. 44.	30.
2		SPEC WB T	AG196602.626636.196838.626624.			700	2.7	0. 56.	30.
130		SPEC WB T	AG196680.626632.196809.626625.			0.	36.	3	
106			4.0 700 28.3 1765 3 3						

										S26B130P.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.		600	2.7	0.	32.	30.	
1		SPEC	WBALLAG196846.626632.197026.626584.		1300	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197026.626584.197169.626465.		1300	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197169.626465.197289.626288.		1300	2.7	0.	56.	30.		
0	1	SPEC	WBALLAG197290.626288.197347.626211.		1300	2.7	0.	44.	30.		
0	1	SPEC	WBALLAG197347.626211.197431.626152.		1300	2.7	0.	44.	30.		
0	1	SPEC	WBALLAG197431.626152.197610.626090.		1300	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG195935.626901.196222.626813.		350	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196222.626813.196373.626762.		350	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196373.626762.196470.626671.		350	2.7	0.	44.	30.		
0	1	SPEC	WBDP AG196470.626671.196598.626636.		350	2.7	0.	44.	30.		
1.0	0.4	1000.	0.0Y	5	0 72						

JOB: S26 B130PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:50:48.47

RUN: S26 B130PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1900.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1900.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	1350.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626128.4	*	443.	180. AG	88. 100.0	.0	24.0	1.01	22.5
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25. 2.6	.0	32.0		
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626705.4	*	10.	360. AG	44. 100.0	.0	12.0	.16	.5
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	525. 2.6	.0	32.0		
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	525. 2.6	.0	32.0		
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	2100. 2.6	.0	56.0		
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1450. 2.6	.0	56.0		
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	825. 2.6	.0	56.0		
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626756.7	*	68.	360. AG	79. 100.0	.0	36.0	.27	3.4
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	500. 2.6	.0	32.0		
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	630984.5	*	4289.	360. AG	26. 100.0	.0	12.0	5.15	217.9
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	125. 2.6	.0	32.0		
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626726.8	*	31.	360. AG	26. 100.0	.0	12.0	.13	1.6
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1375. 2.6	.0	56.0		
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1375. 2.6	.0	56.0		
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1375. 2.6	.0	56.0		
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	350. 2.7	.0	56.0		
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	350. 2.7	.0	56.0		
22.	SPEC EB *	196486.0	626628.0	196413.5	626676.7	*	87.	304. AG	198. 100.0	.0	36.0	.82	4.4
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	350. 2.7	.0	44.0		
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	350. 2.7	.0	44.0		
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	350. 2.7	.0	44.0		
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	350. 2.7	.0	44.0		
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	1175. 2.7	.0	44.0		
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	1175. 2.7	.0	44.0		
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	1175. 2.7	.0	44.0		
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	1175. 2.7	.0	44.0		
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	1175. 2.7	.0	44.0		
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	1175. 2.7	.0	44.0		
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	700. 2.7	.0	56.0		
34.	SPEC WB T *	196680.0	626632.0	196868.0	626621.8	*	188.	93. AG	186. 100.0	.0	36.0	.95	9.6
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	600. 2.7	.0	32.0		
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1300. 2.7	.0	56.0		
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1300. 2.7	.0	56.0		
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1300. 2.7	.0	56.0		
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1300. 2.7	.0	44.0		
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1300. 2.7	.0	44.0		
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1300. 2.7	.0	44.0		
42. 0	SPEC WBPD *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	350. 2.7	.0	44.0		
43. 0	SPEC WBPD *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	350. 2.7	.0	44.0		
44. 0	SPEC WBPD *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	350. 2.7	.0	44.0		

JOB: S26 B130PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:50:48.47

RUN: S26 B130PM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBPD *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	350.	2.7	.0	44.0	

JOB: S26 B130PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 09:50:48.47

RUN: S26 B130PM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	130	75	4.0	1350	1770	28.30	2	3
6. 6	NB MD 85 L*	130	76	4.0	25	435	28.30	2	3
12. 15	SB MD 85 T*	130	45	4.0	825	1695	28.30	2	3
14. 17	SB MD 85 L*	130	44	4.0	500	159	28.30	2	3
16. 19	SB MD 85 R*	130	45	4.0	125	1583	28.30	2	3
22.	SPEC EB *	130	113	4.0	350	1678	28.30	3	3
34.	SPEC WB T *	130	106	4.0	700	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B130P.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B130PM MD 85 & SPECTRUM

RUN: S26 B130PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.4	.1	.2	.3	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
5.	*	.3	.1	.1	.4	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
10.	*	.3	.1	.2	.4	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
15.	*	.1	.1	.2	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0
20.	*	.1	.1	.2	.4	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0
25.	*	.0	.1	.2	.4	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
30.	*	.0	.1	.2	.4	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0
35.	*	.0	.1	.2	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0
40.	*	.0	.1	.2	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0
45.	*	.0	.1	.1	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0
50.	*	.0	.0	.1	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0
55.	*	.0	.0	.1	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0
60.	*	.0	.0	.1	.4	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0
65.	*	.0	.0	.0	.3	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
70.	*	.0	.0	.0	.3	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
75.	*	.0	.0	.0	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0
80.	*	.0	.0	.0	.2	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0	.0
85.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.0	.0
90.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0	.0
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.1	.1	.1	.0	.0	.0	.1	.1	.2	.3	.0	.0
100.	*	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.0	.0	.0	.1	.2	.3	.1	.1	.0
105.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.2	.1	.0	.0	.0	.1	.3	.3	.1	.1	.0
110.	*	.0	.0	.0	.0	.1	.2	.1	.0	.2	.4	.2	.0	.0	.0	.1	.3	.2	.1	.1	.0
115.	*	.0	.0	.0	.0	.1	.1	.1	.1	.2	.4	.2	.0	.0	.0	.1	.3	.2	.1	.1	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.5	.3	.1	.0	.0	.0	.3	.4	.2	.1	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.5	.3	.1	.0	.0	.0	.3	.4	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.5	.3	.1	.0	.0	.0	.3	.4	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.6	.3	.1	.0	.0	.0	.3	.4	.1	.1	.0
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.7	.3	.2	.1	.0	.0	.3	.3	.2	.2	.0
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.7	.3	.2	.1	.0	.0	.3	.2	.3	.2	.0
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.6	.2	.2	.1	.0	.0	.4	.2	.3	.3	.0
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.6	.2	.2	.1	.0	.0	.3	.2	.3	.3	.0
160.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.6	.2	.1	.1	.0	.1	.3	.2	.4	.2	.0
165.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.6	.1	.1	.1	.1	.1	.2	.2	.3	.2	.0
170.	*	.1	.0	.0	.0	.0	.1	.0	.2	.5	.6	.2	.1	.1	.1	.2	.1	.2	.3	.1	.0
175.	*	.1	.0	.0	.0	.0	.1	.0	.2	.6	.6	.3	.2	.1	.1	.1	.2	.1	.4	.1	.0
180.	*	.1	.0	.1	.1	.0	.1	.0	.2	.6	.6	.3	.2	.2	.1	.1	.0	.0	.4	.1	.0
185.	*	.2	.1	.1	.1	.0	.1	.0	.1	.6	.6	.2	.3	.2	.1	.2	.1	.0	.4	.0	.0
190.	*	.3	.1	.1	.1	.0	.1	.0	.1	.7	.7	.2	.4	.2	.2	.2	.1	.1	.4	.0	.0
195.	*	.3	.1	.2	.2	.1	.1	.0	.1	.6	.7	.3	.3	.1	.2	.2	.1	.1	.4	.0	.0
200.	*	.4	.2	.2	.2	.1	.1	.0	.1	.7	.7	.3	.2	.1	.2	.3	.1	.1	.4	.0	.0
205.	*	.3	.3	.3	.3	.1	.1	.0	.2	.9	.8	.3	.1	.2	.2	.3	.1	.1	.2	.3	.0

1

JOB: S26 B130PM MD 85 & SPECTRUM

RUN: S26 B130PM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.4	.3	.3	.3	.1	.2	.0	.1	.9	.8	.2	.2	.2	.2	.3	.1	.2	.2	.3	.0
215.	*	.4	.3	.3	.3	.1	.2	.0	.2	.9	.8	.2	.2	.3	.2	.3	.1	.2	.2	.3	.0
220.	*	.5	.3	.4	.3	.1	.2	.0	.2	.9	.8	.2	.3	.3	.2	.2	.0	.2	.3	.2	.0
225.	*	.5	.3	.4	.3	.1	.2	.0	.2	.9	.8	.1	.4	.2	.2	.2	.0	.1	.3	.2	.0
230.	*	.5	.3	.3	.3	.1	.2	.0	.2	.9	.4	.1	.3	.1	.2	.2	.0	.1	.3	.1	.0
235.	*	.5	.3	.3	.2	.1	.2	.0	.2	.9	.4	.1	.3	.1	.1	.2	.0	.1	.3	.1	.0
240.	*	.5	.3	.3	.2	.1	.2	.0	.2	.8	.2	.2	.3	.1	.1	.2	.0	.1	.3	.1	.0
245.	*	.5	.3	.3	.2	.1	.2	.0	.2	.8	.2	.2	.3	.1	.1	.2	.0	.0	.3	.0	.0
250.	*	.4	.3	.3	.2	.2	.2	.0	.2	.6	.2	.2	.3	.1	.1	.1	.0	.0	.3	.0	.0
255.	*	.4	.3	.3	.2	.2	.2	.0	.2	.6	.2	.2	.1	.1	.1	.1	.0	.0	.3	.0	.0
260.	*	.4	.3	.3	.2	.2	.2	.0	.2	.5	.2	.3	.1	.1	.1	.2	.0	.0	.2	.0	.0
265.	*	.4	.3	.3	.2	.1	.3	.0	.2	.3	.2	.3	.1	.1	.1	.2	.0	.0	.2	.0	.0
270.	*	.5	.3	.3	.2	.1	.3	.0	.4	.3	.2	.3	.1	.1	.2	.2	.0	.0	.2	.0	.0
275.	*	.5	.3	.3	.2	.2	.4	.0	.3	.2	.2	.2	.1	.1	.2	.3	.0	.0	.1	.0	.0
280.	*	.5	.3	.3	.3	.3	.6	.1	.3	.1	.1	.2	.1	.1	.2	.3	.0	.0	.1	.0	.0
285.	*	.5	.3	.3	.3	.4	.7	.2	.2	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
290.	*	.4	.3	.3	.2	.4	.7	.3	.2	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
295.	*	.4	.3	.3	.3	.3	.8	.4	.2	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
300.	*	.4	.3	.3	.3	.4	.7	.3	.1	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
305.	*	.3	.3	.3	.2	.4	.7	.3	.0	.1	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
310.	*	.3	.4	.3	.2	.7	.7	.2	.0	.1	.1	.1	.2	.1	.3	.3	.0	.0	.0	.0	.0

S26B130P.OUT

315.	*	.4	.5	.3	.1	.6	.8	.3	.0	.1	.1	.1	.2	.1	.3	.3	.0	.0	.0	.0	.0
320.	*	.4	.4	.2	.2	.7	.8	.3	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0
325.	*	.6	.2	.2	.2	.6	.8	.2	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0
330.	*	.6	.2	.2	.2	.6	.7	.2	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0
335.	*	.6	.2	.2	.3	.6	.6	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
340.	*	.6	.2	.1	.3	.6	.6	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
345.	*	.6	.3	.1	.3	.6	.6	.2	.0	.0	.1	.2	.3	.2	.2	.4	.0	.0	.0	.0	.0
350.	*	.6	.1	.2	.4	.5	.6	.2	.0	.0	.1	.1	.3	.2	.2	.3	.0	.0	.0	.0	.0
355.	*	.4	.2	.2	.4	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0
360.	*	.4	.1	.2	.3	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
MAX	*	.6	.5	.4	.4	.7	.8	.4	.4	.9	.8	.3	.4	.3	.3	.4	.4	.4	.3	.4	.3
DEGR.	*	325	315	220	5	310	295	295	270	205	205	120	190	215	310	335	150	120	85	160	145

1

JOB: S26 B130PM MD 85 & SPECTRUM

RUN: S26 B130PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.8	.1	.1	.0	.0
5.	*	.0	.0	.0	.7	.1	.1	.1	.0
10.	*	.0	.0	.1	.7	.1	.1	.1	.0
15.	*	.0	.0	.1	.8	.1	.1	.2	.1
20.	*	.0	.0	.1	.8	.1	.1	.2	.2
25.	*	.0	.0	.2	.8	.2	.2	.1	.2
30.	*	.0	.0	.3	.8	.1	.2	.1	.2
35.	*	.0	.0	.4	.8	.1	.1	.3	.2
40.	*	.0	.0	.4	.8	.1	.1	.3	.1
45.	*	.0	.0	.4	.8	.1	.2	.3	.1
50.	*	.0	.0	.3	.8	.2	.2	.3	.1
55.	*	.0	.0	.4	.8	.1	.2	.3	.1
60.	*	.0	.0	.4	.8	.2	.3	.3	.2
65.	*	.0	.0	.3	.8	.2	.3	.3	.2
70.	*	.0	.0	.3	.6	.2	.3	.2	.2
75.	*	.0	.0	.4	.8	.4	.3	.2	.2
80.	*	.0	.0	.4	.8	.4	.3	.2	.2
85.	*	.0	.0	.3	.7	.3	.2	.2	.3
90.	*	.0	.0	.3	.7	.3	.2	.2	.3
95.	*	.0	.0	.2	.7	.3	.2	.2	.3
100.	*	.0	.0	.2	.6	.2	.2	.2	.3
105.	*	.0	.0	.1	.6	.2	.2	.2	.3
110.	*	.0	.1	.0	.5	.2	.2	.2	.2
115.	*	.0	.1	.0	.4	.2	.2	.2	.2
120.	*	.0	.1	.1	.5	.2	.2	.2	.2
125.	*	.1	.1	.1	.5	.2	.2	.2	.2
130.	*	.1	.0	.1	.4	.2	.2	.2	.2
135.	*	.0	.0	.1	.5	.2	.2	.2	.2
140.	*	.0	.0	.1	.4	.2	.2	.2	.2
145.	*	.0	.0	.1	.4	.2	.2	.2	.1
150.	*	.0	.0	.0	.2	.2	.2	.2	.1
155.	*	.0	.0	.0	.2	.2	.2	.2	.1
160.	*	.0	.0	.0	.2	.2	.2	.1	.1
165.	*	.0	.0	.0	.1	.2	.2	.0	.2
170.	*	.0	.0	.0	.1	.0	.0	.0	.1
175.	*	.0	.0	.0	.1	.0	.0	.0	.0
180.	*	.0	.0	.0	.1	.0	.0	.0	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B130PM MD 85 & SPECTRUM

RUN: S26 B130PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.0	.0	.0	.0
265.	*	.0	.0	.0	.1	.0	.0	.0	.0
270.	*	.0	.0	.0	.1	.0	.0	.0	.0
275.	*	.0	.0	.0	.1	.0	.0	.0	.0
280.	*	.0	.0	.0	.2	.0	.0	.0	.0
285.	*	.0	.0	.0	.2	.0	.0	.0	.0
290.	*	.0	.0	.0	.3	.1	.0	.0	.0
295.	*	.0	.0	.0	.4	.1	.0	.0	.0
300.	*	.0	.0	.0	.5	.2	.0	.0	.0
305.	*	.0	.0	.0	.6	.3	.0	.0	.0
310.	*	.0	.0	.0	.7	.3	.0	.0	.0
315.	*	.0	.0	.0	.8	.4	.0	.0	.0

S26B130P.OUT

320.	*	.0	.0	.0	.8	.4	.1	.0	.0
325.	*	.0	.0	.0	.8	.4	.1	.0	.0
330.	*	.0	.0	.0	.9	.3	.1	.0	.0
335.	*	.0	.0	.0	.9	.3	.1	.1	.0
340.	*	.0	.0	.0	.9	.2	.1	.1	.0
345.	*	.0	.0	.0	.8	.2	.1	.1	.0
350.	*	.0	.0	.0	.8	.1	.1	.1	.0
355.	*	.0	.0	.0	.8	.1	.1	.1	.0
360.	*	.0	.0	.0	.8	.1	.1	.0	.0
MAX	*	.1	.1	.4	.9	.4	.3	.3	.3
DEGR.	*	125	110	35	330	75	60	35	85

THE HIGHEST CONCENTRATION IS .90 PPM AT 205 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 330 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 205 DEGREES FROM REC10.

1

JOB: S26 B130PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:50:48.47

RUN: S26 B130PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 325	REC2 315	REC3 220	REC4 5	REC5 310	REC6 295	REC7 295	REC8 270	REC9 205	REC10 205	REC11 120	REC12 190	REC13 215	REC14 310	REC15 335	REC16 150	REC17 120	REC18 85	REC19 160	REC20 145
1 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3 *	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.3	.2	.2	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.2
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.1	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.3	.3	.5	.2	.2	.5	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B130PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 09:50:48.47

RUN: S26 B130PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 125	REC22 110	REC23 35	REC24 330	REC25 75	REC26 60	REC27 35	REC28 85
1 *	.0	.0	.0	.0	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.0	.1
3 *	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.1	.1	.1
5 *	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.1	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.1	.1	.1	.0

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.1	.1	.3	.9	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.2	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B130P.OUT

S26B230A.DAT

S26 B230AM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B230AM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			1425	2.6	0.68.	30.
2		NB MD85ALLAG	196626.626213.196604.625991.			1425	2.6	0.68.	30.
1									
2		NB MD 85 TAG	196625.626651.196625.626215.			875	2.6	0.44.	30.
2									
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
55		26	4.0 875 28.3 1770 2 3						
1									
5		NB MD 85 LAG	196597.626657.196597.626977.			25	2.6	0.32.	30.
2									
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
55		27	4.0 25 28.3 327 2 3						
1									
7		NB MD 85 RAG	196641.626557.196641.626268.			525	2.6	0.32.	30.
1									
9		NB MD 85 RAG	196669.626585.196640.626558.			525	2.6	0.32.	30.
1									
11		NB MD 85dpAG	196608.626652.196608.627333.			1050	2.6	0.56.	30.
1									
13		SB MD 85 AG	196576.627082.196576.627333.			1525	2.6	0.56.	30.
1									
14		SB MD 85 TAG	196586.626652.196580.627080.			1325	2.6	0.56.	30.
2									
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
55		21	4.0 1325 28.3 1695 2 3						
1									
16		SB MD 85 LAG	196597.626657.196597.626977.			175	2.6	0.32.	30.
2									
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
55		22	4.0 175 28.3 507 2 3						
1									
19		SB MD 85 RAG	196568.626658.196568.626977.			25	2.6	0.32.	30.
2									
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
55		21	4.0 25 28.3 1583 2 3						
1									
20		SB MD 85dpAG	196579.626243.196579.626652.			1500	2.6	0.56.	30.
1									
21		SB MD 85dpAG	196539.625886.196577.626241.			1500	2.6	0.56.	30.
1									
22		SB MD 85dpAG	196508.625686.196537.625883.			1500	2.6	0.56.	30.
1									
1		SPEC EB AG	196587.626609.196491.626624.			75	2.7	0.56.	30.
1									
0		SPEC EB AG	196491.626624.196405.626682.			75	2.7	0.56.	30.
2									
55		SPEC EB AG	196486.626628.196425.626669.			0.	36.	3	
47			4.0 75 28.3 1678 3 3						
1									
0		SPEC EB AG	196405.626684.196350.626745.			75	2.7	0.44.	30.
1									
0		SPEC EB AG	196350.626745.196275.626783.			75	2.7	0.44.	30.
1									
0		SPEC EB AG	196275.626783.196151.626818.			75	2.7	0.44.	30.
1									
0		SPEC EB AG	196151.626818.195935.626882.			75	2.7	0.44.	30.
1									
0		SPEC EBdp AG	197607.626062.197414.626133.			725	2.7	0.44.	30.
1									
0		SPEC EBdp AG	197414.626133.197298.626231.			725	2.7	0.44.	30.
1									
0		SPEC EBdp AG	197298.626231.197109.626471.			725	2.7	0.44.	30.
1									
0		SPEC EBdp AG	197109.626471.197016.626546.			725	2.7	0.44.	30.
1									
0		SPEC EBdp AG	197016.626546.196892.626584.			725	2.7	0.44.	30.
1									
0		SPEC EBdp AG	196892.626584.196590.626607.			725	2.7	0.44.	30.
1									
2		SPEC WB T AG	196602.626636.196838.626624.			175	2.7	0.56.	30.
1									
55		SPEC WB T AG	196680.626632.196809.626625.			0.	36.	3	
45			4.0 175 28.3 1765 3 3						

										S26B230A.DAT	
1		SPEC	WBR	AG196619.626669.196838.626642.	150	2.7	0.	32.	30.		
1		SPEC	WBALLAG196846.626632.197026.626584.	325	2.7	0.	56.	30.			
0	1	SPEC	WBALLAG197026.626584.197169.626465.	325	2.7	0.	56.	30.			
0	1	SPEC	WBALLAG197169.626465.197289.626288.	325	2.7	0.	56.	30.			
0	1	SPEC	WBALLAG197290.626288.197347.626211.	325	2.7	0.	44.	30.			
0	1	SPEC	WBALLAG197347.626211.197431.626152.	325	2.7	0.	44.	30.			
0	1	SPEC	WBALLAG197431.626152.197610.626090.	325	2.7	0.	44.	30.			
0	1	SPEC	WBPD AG195935.626901.196222.626813.	75	2.7	0.	44.	30.			
0	1	SPEC	WBPD AG196222.626813.196373.626762.	75	2.7	0.	44.	30.			
0	1	SPEC	WBPD AG196373.626762.196470.626671.	75	2.7	0.	44.	30.			
0	1	SPEC	WBPD AG196470.626671.196598.626636.	75	2.7	0.	44.	30.			
1.0	0.4	1000.	0.0Y	5	0	72					

JOB: S26 B230AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:01:56.60

RUN: S26 B230AM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	1425.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	1425.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	875.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626508.9	*	62.	180. AG	72.	100.0	.0	24.0	.59 3.2
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	25.	2.6	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626698.7	*	4.	360. AG	37.	100.0	.0	12.0	.19 .2
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	525.	2.6	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	525.	2.6	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	1050.	2.6	.0	56.0	
10. 13	SB MD 85	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1525.	2.6	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	1325.	2.6	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626739.7	*	51.	360. AG	87.	100.0	.0	36.0	.51 2.6
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	175.	2.6	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	626718.0	*	23.	360. AG	30.	100.0	.0	12.0	.71 1.2
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	25.	2.6	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626698.9	*	3.	360. AG	29.	100.0	.0	12.0	.03 .1
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1500.	2.6	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1500.	2.6	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1500.	2.6	.0	56.0	
20.	SPEC EB	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	75.	2.7	.0	56.0	
21. 0	SPEC EB	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	75.	2.7	.0	56.0	
22.	SPEC EB	196486.0	626628.0	196480.6	626631.7	*	7.	304. AG	195.	100.0	.0	36.0	.41 .3
23. 0	SPEC EB	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	75.	2.7	.0	44.0	
24. 0	SPEC EB	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	75.	2.7	.0	44.0	
25. 0	SPEC EB	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	75.	2.7	.0	44.0	
26. 0	SPEC EB	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	75.	2.7	.0	44.0	
27. 0	SPEC EBDp	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	725.	2.7	.0	44.0	
28. 0	SPEC EBDp	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	725.	2.7	.0	44.0	
29. 0	SPEC EBDp	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	725.	2.7	.0	44.0	
30. 0	SPEC EBDp	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	725.	2.7	.0	44.0	
31. 0	SPEC EBDp	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	725.	2.7	.0	44.0	
32. 0	SPEC EBDp	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	725.	2.7	.0	44.0	
33.	SPEC WB T	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	175.	2.7	.0	56.0	
34.	SPEC WB T	196680.0	626632.0	196694.3	626631.2	*	14.	93. AG	186.	100.0	.0	36.0	.45 .7
35.	SPEC WB T	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	150.	2.7	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	325.	2.7	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	325.	2.7	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	325.	2.7	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	325.	2.7	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	325.	2.7	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	325.	2.7	.0	44.0	
42. 0	SPEC WBDDP	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	75.	2.7	.0	44.0	
43. 0	SPEC WBDDP	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	75.	2.7	.0	44.0	
44. 0	SPEC WBDDP	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	75.	2.7	.0	44.0	

JOB: S26 B230AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:01:56.60

RUN: S26 B230AM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDDP	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	75.	2.7	.0	44.0	

JOB: S26 B230AM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:01:56.60

RUN: S26 B230AM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	55	26	4.0	875	1770	28.30	2	3
6. 6	NB MD 85 L*	55	27	4.0	25	327	28.30	2	3
12. 15	SB MD 85 T*	55	21	4.0	1325	1695	28.30	2	3
14. 17	SB MD 85 L*	55	22	4.0	175	507	28.30	2	3
16. 19	SB MD 85 R*	55	21	4.0	25	1583	28.30	2	3
22.	SPEC EB	55	47	4.0	75	1678	28.30	3	3
34.	SPEC WB T	55	45	4.0	175	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B230A.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.		1196453.		*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B230AM MD 85 & SPECTRUM

RUN: S26 B230AM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
5.	*	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
15.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
20.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
25.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
30.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
35.	*	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
40.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
45.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
50.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0
55.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0
60.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
65.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
70.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
75.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
80.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0
85.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
90.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
95.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
100.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
105.	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
110.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
135.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0
140.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0
175.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
180.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
185.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0
190.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
195.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0
200.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
205.	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0

1

JOB: S26 B230AM MD 85 & SPECTRUM

RUN: S26 B230AM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
215.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
220.	*	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
225.	*	.2	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
230.	*	.2	.1	.1	.1	.0	.1	.0	.0	.0	.1	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0
235.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
240.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0
245.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.2	.2	.1	.2	.0	.0	.0	.0	.0
250.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.0	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0
255.	*	.2	.1	.1	.2	.0	.1	.0	.0	.0	.0	.3	.2	.2	.1	.2	.0	.0	.0	.0	.0
260.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0
265.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0
270.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0
275.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
280.	*	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
285.	*	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
290.	*	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
295.	*	.2	.1	.2	.0	.1	.1	.0	.0	.0	.0	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0
300.	*	.2	.1	.2	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
305.	*	.2	.1	.2	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0
310.	*	.1	.1	.2	.1	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0

S26B230A.OUT

315.	*	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
320.	*	.1	.2	.1	.1	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
325.	*	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
330.	*	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0
335.	*	.3	.0	.0	.2	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
340.	*	.3	.0	.0	.1	.1	.0	.1	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0
345.	*	.3	.0	.0	.1	.1	.0	.1	.0	.0	.0	.2	.2	.1	.1	.2	.0	.0	.0	.0
350.	*	.3	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
355.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0
360.	*	.2	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0

MAX	*	.3	.2	.2	.2	.2	.1	.1	.0	.0	.1	.3	.3	.2	.2	.2	.2	.2	.1	.0
DEGR.	*	205	320	295	235	300	40	0	0	0	205	255	210	200	190	185	20	15	20	85

1

JOB: S26 B230AM MD 85 & SPECTRUM

RUN: S26 B230AM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.1	.0	.0	.1
15.	*	.0	.0	.0	.0	.1	.0	.1	.1
20.	*	.0	.0	.0	.0	.1	.0	.1	.1
25.	*	.0	.0	.0	.0	.1	.1	.1	.1
30.	*	.0	.0	.0	.0	.1	.1	.1	.1
35.	*	.0	.0	.0	.0	.1	.1	.1	.1
40.	*	.0	.0	.0	.0	.0	.1	.1	.1
45.	*	.0	.0	.0	.0	.0	.1	.1	.0
50.	*	.0	.0	.0	.0	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.1	.1	.1	.1
60.	*	.0	.0	.0	.1	.1	.1	.1	.1
65.	*	.0	.0	.0	.1	.1	.1	.1	.1
70.	*	.0	.0	.0	.1	.1	.1	.1	.1
75.	*	.0	.0	.0	.1	.1	.1	.1	.1
80.	*	.0	.0	.0	.1	.1	.1	.1	.1
85.	*	.0	.0	.0	.1	.1	.1	.1	.1
90.	*	.0	.0	.0	.1	.1	.1	.1	.1
95.	*	.0	.0	.0	.1	.1	.1	.1	.1
100.	*	.0	.0	.0	.1	.1	.1	.1	.1
105.	*	.0	.0	.0	.1	.1	.1	.1	.1
110.	*	.0	.0	.0	.1	.1	.1	.1	.2
115.	*	.0	.0	.0	.2	.1	.1	.1	.2
120.	*	.0	.0	.0	.2	.1	.1	.1	.2
125.	*	.0	.0	.0	.2	.1	.1	.1	.1
130.	*	.0	.0	.0	.2	.1	.1	.1	.1
135.	*	.0	.0	.0	.1	.1	.1	.1	.1
140.	*	.0	.0	.0	.1	.1	.1	.1	.1
145.	*	.0	.0	.0	.1	.1	.1	.1	.1
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.0	.1	.1	.1	.1
160.	*	.0	.0	.0	.0	.1	.1	.1	.1
165.	*	.0	.0	.0	.0	.1	.1	.0	.1
170.	*	.0	.0	.0	.0	.1	.0	.0	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B230AM MD 85 & SPECTRUM

RUN: S26 B230AM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.0	.0	.0

S26B230A.OUT

```

320. * .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .1 .0 .0
330. * .0 .0 .0 .0 .1 .0 .0
335. * .0 .0 .0 .0 .1 .0 .0
340. * .0 .0 .0 .0 .1 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0
-----
MAX * .0 .0 .0 .2 .1 .1 .1
DEGR. * 0 0 0 115 10 25 15 110

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 205 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 255 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 210 DEGREES FROM REC12.

1

JOB: S26 B230AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 12:01:56.60

RUN: S26 B230AM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 205	REC2 320	REC3 295	REC4 235	REC5 300	REC6 40	REC7 0	REC8 0	REC9 0	REC10 205	REC11 255	REC12 210	REC13 200	REC14 190	REC15 185	REC16 20	REC17 15	REC18 20	REC19 85	REC20 0
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B230AM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 12:01:56.60

RUN: S26 B230AM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21 0	REC22 0	REC23 0	REC24 115	REC25 10	REC26 25	REC27 15	REC28 110
1	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.1	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.1	.0	.1	.1	.0

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B230A.OUT

S26B230P.DAT

S26 B230PM MD 85 & SPECTRUM 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	196654.	626167.	5.				
REC 2	164'	SE CORNER	196685.	626417.	5.				
REC 3	82'	SE CORNER	196689.	626484.	5.				
REC 4		SE CORNER	196696.	626557.	5.				
REC 5	82'	ES CORNER	196750.	626579.	5.				
REC 6	164'	ES CORNER	196836.	626587.	5.				
REC 7		ES CORNER	196976.	626524.	5.				
REC 8	400'	EN CORNER	197037.	626608.	5.				
REC 9	164'	EN CORNER	196822.	626664.	5.				
REC 10	82'	EN CORNER	196733.	626677.	5.				
1196736.			196660.	626705.	5.				
REC 12	82'	NE CORNER	196654.	626788.	5.				
REC 13		NE CORNER	196658.	626894.	5.				
REC 14	400'	NE CORNE	196653.	627100.	5.				
REC 15	400'	NW CORNE	196645.	627086.	5.				
REC 16	164'	NW CORNE	196528.	626851.	5.				
REC 17	82'	NW CORNER	196529.	626769.	5.				
REC 18		NW CORNER	196516.	626687.	5.				
REC 19	82'	WN CORNER	196452.	626716.	5.				
1196453.			196385.	626772.	5.				
REC 21	400'	WN CORNE	196172.	626863.	5.				
REC 22	400'	WS CORNE	196176.	626796.	5.				
REC 23	164'	WS CORNE	196388.	626620.	5.				
REC 24	82'	WS CORNER	196456.	626629.	5.				
REC 25		SW CORNER	196509.	626582.	5.				
REC 26	82'	SW CORNER	196511.	626497.	5.				
REC 27	164'	SW CORNE	196512.	626415.	5.				
REC 28	400'	SW CORNE	196494.	626173.	5.				
S26 B230PM MD 85 & SPEC						45	1	1	
1									
1		NB MD85ALLAG	196602.625991.196558.625671.			2100	2.6	0. 68.	30.
2		NB MD85ALLAG	196626.626213.196604.625991.			2100	2.6	0. 68.	30.
2		NB MD 85 TAG	196625.626651.196625.626215.			800	2.6	0. 44.	30.
4		NB MD 85 TAG	196625.626571.196625.626270.			0.	24.	2	
120	63		4.0 800 28.3 1770 2 3						
5		NB MD 85 LAG	196597.626657.196597.626977.			50	2.6	0. 32.	30.
6		NB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
120	64		4.0 50 28.3 459 2 3						
7		NB MD 85 RAG	196641.626557.196641.626268.			600	2.6	0. 32.	30.
9		NB MD 85 RAG	196669.626585.196640.626558.			600	2.6	0. 32.	30.
11		NB MD 85dpAG	196608.626652.196608.627333.			2075	2.6	0. 56.	30.
13		SB MD 85 AG	196576.627082.196576.627333.			1300	2.6	0. 56.	30.
14		SB MD 85 TAG	196586.626652.196580.627080.			800	2.6	0. 56.	30.
15		SB MD 85 TAG	196580.626689.196580.626963.			0.	36.	3	
120	43		4.0 800 28.3 1695 2 3						
16		SB MD 85 LAG	196597.626657.196597.626977.			400	2.6	0. 32.	30.
17		SB MD 85 LAG	196597.626695.196597.626895.			0.	12.	1	
120	44		4.0 400 28.3 155 2 3						
19		SB MD 85 RAG	196568.626658.196568.626977.			100	2.6	0. 32.	30.
19		SB MD 85 RAG	196568.626696.196568.626928.			0.	12.	1	
120	43		4.0 100 28.3 1583 2 3						
20		SB MD 85dpAG	196579.626243.196579.626652.			1400	2.6	0. 56.	30.
21		SB MD 85dpAG	196539.625886.196577.626241.			1400	2.6	0. 56.	30.
22		SB MD 85dpAG	196508.625686.196537.625883.			1400	2.6	0. 56.	30.
1		SPEC EB	AG196587.626609.196491.626624.			300	2.7	0. 56.	30.
0		SPEC EB	AG196491.626624.196405.626682.			300	2.7	0. 56.	30.
2		SPEC EB	AG196486.626628.196425.626669.			0.	36.	3	
120	106		4.0 300 28.3 1678 3 3						
0		SPEC EB	AG196405.626684.196350.626745.			300	2.7	0. 44.	30.
0		SPEC EB	AG196350.626745.196275.626783.			300	2.7	0. 44.	30.
0		SPEC EB	AG196275.626783.196151.626818.			300	2.7	0. 44.	30.
0		SPEC EB	AG196151.626818.195935.626882.			300	2.7	0. 44.	30.
0		SPEC EBdp	AG197607.626062.197414.626133.			1125	2.7	0. 44.	30.
0		SPEC EBdp	AG197414.626133.197298.626231.			1125	2.7	0. 44.	30.
0		SPEC EBdp	AG197298.626231.197109.626471.			1125	2.7	0. 44.	30.
0		SPEC EBdp	AG197109.626471.197016.626546.			1125	2.7	0. 44.	30.
0		SPEC EBdp	AG197016.626546.196892.626584.			1125	2.7	0. 44.	30.
0		SPEC EBdp	AG196892.626584.196590.626607.			1125	2.7	0. 44.	30.
2		SPEC WB T	AG196602.626636.196838.626624.			750	2.7	0. 56.	30.
120	96		4.0 750 28.3 1765 3 3			0.	36.	3	

1
1
0 1
0 1
0 1
0 1
0 1
0 1
0 1
0 1
0 1
0 1
1.6

JOB: S26 B230PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:02:29.17

RUN: S26 B230PM MD 85 & SPEC

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB MD85ALL*	196602.0	625991.0	196558.0	625671.0	*	323.	188. AG	2100.	2.6	.0	68.0	
2. 2	NB MD85ALL*	196626.0	626213.0	196604.0	625991.0	*	223.	186. AG	2100.	2.6	.0	68.0	
3. 2	NB MD 85 T*	196625.0	626651.0	196625.0	626215.0	*	436.	180. AG	800.	2.6	.0	44.0	
4. 4	NB MD 85 T*	196625.0	626571.0	196625.0	626433.2	*	138.	180. AG	80.	100.0	.0	24.0	.53 7.0
5. 5	NB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	50.	2.6	.0	32.0	
6. 6	NB MD 85 L*	196597.0	626695.0	196597.0	626712.5	*	17.	360. AG	40.	100.0	.0	12.0	.26 .9
7. 7	NB MD 85 R*	196641.0	626557.0	196641.0	626268.0	*	289.	180. AG	600.	2.6	.0	32.0	
8. 9	NB MD 85 R*	196669.0	626585.0	196640.0	626558.0	*	40.	227. AG	600.	2.6	.0	32.0	
9. 11	NB MD 85dp*	196608.0	626652.0	196608.0	627333.0	*	681.	360. AG	2075.	2.6	.0	56.0	
10. 13	SB MD 85 *	196576.0	627082.0	196576.0	627333.0	*	251.	360. AG	1300.	2.6	.0	56.0	
11. 14	SB MD 85 T*	196586.0	626652.0	196580.0	627080.0	*	428.	359. AG	800.	2.6	.0	56.0	
12. 15	SB MD 85 T*	196580.0	626689.0	196580.0	626751.6	*	63.	360. AG	82.	100.0	.0	36.0	.27 3.2
13. 16	SB MD 85 L*	196597.0	626657.0	196597.0	626977.0	*	320.	360. AG	400.	2.6	.0	32.0	
14. 17	SB MD 85 L*	196597.0	626695.0	196597.0	630011.0	*	3316.	360. AG	28.	100.0	.0	12.0	4.44 168.5
15. 19	SB MD 85 R*	196568.0	626658.0	196568.0	626977.0	*	319.	360. AG	100.	2.6	.0	32.0	
16. 19	SB MD 85 R*	196568.0	626696.0	196568.0	626719.5	*	24.	360. AG	27.	100.0	.0	12.0	.11 1.2
17. 20	SB MD 85dp*	196579.0	626243.0	196579.0	626652.0	*	409.	360. AG	1400.	2.6	.0	56.0	
18. 21	SB MD 85dp*	196539.0	625886.0	196577.0	626241.0	*	357.	6. AG	1400.	2.6	.0	56.0	
19. 22	SB MD 85dp*	196508.0	625686.0	196537.0	625883.0	*	199.	8. AG	1400.	2.6	.0	56.0	
20.	SPEC EB *	196587.0	626609.0	196491.0	626624.0	*	97.	279. AG	300.	2.7	.0	56.0	
21. 0	SPEC EB *	196491.0	626624.0	196405.0	626682.0	*	104.	304. AG	300.	2.7	.0	56.0	
22.	SPEC EB *	196486.0	626628.0	196415.7	626675.2	*	85.	304. AG	201.	100.0	.0	36.0	.90 4.3
23. 0	SPEC EB *	196405.0	626684.0	196350.0	626745.0	*	82.	318. AG	300.	2.7	.0	44.0	
24. 0	SPEC EB *	196350.0	626745.0	196275.0	626783.0	*	84.	297. AG	300.	2.7	.0	44.0	
25. 0	SPEC EB *	196275.0	626783.0	196151.0	626818.0	*	129.	286. AG	300.	2.7	.0	44.0	
26. 0	SPEC EB *	196151.0	626818.0	195935.0	626882.0	*	225.	287. AG	300.	2.7	.0	44.0	
27. 0	SPEC EBDp *	197607.0	626062.0	197414.0	626133.0	*	206.	290. AG	1125.	2.7	.0	44.0	
28. 0	SPEC EBDp *	197414.0	626133.0	197298.0	626231.0	*	152.	310. AG	1125.	2.7	.0	44.0	
29. 0	SPEC EBDp *	197298.0	626231.0	197109.0	626471.0	*	305.	322. AG	1125.	2.7	.0	44.0	
30. 0	SPEC EBDp *	197109.0	626471.0	197016.0	626546.0	*	119.	309. AG	1125.	2.7	.0	44.0	
31. 0	SPEC EBDp *	197016.0	626546.0	196892.0	626584.0	*	130.	287. AG	1125.	2.7	.0	44.0	
32. 0	SPEC EBDp *	196892.0	626584.0	196590.0	626607.0	*	303.	274. AG	1125.	2.7	.0	44.0	
33.	SPEC WB T *	196602.0	626636.0	196838.0	626624.0	*	236.	93. AG	750.	2.7	.0	56.0	
34.	SPEC WB T *	196680.0	626632.0	196862.4	626622.1	*	183.	93. AG	182.	100.0	.0	36.0	.95 9.3
35.	SPEC WBR *	196619.0	626669.0	196838.0	626642.0	*	221.	97. AG	500.	2.7	.0	32.0	
36.	SPEC WBALL*	196846.0	626632.0	197026.0	626584.0	*	186.	105. AG	1250.	2.7	.0	56.0	
37. 0	SPEC WBALL*	197026.0	626584.0	197169.0	626465.0	*	186.	130. AG	1250.	2.7	.0	56.0	
38. 0	SPEC WBALL*	197169.0	626465.0	197289.0	626288.0	*	214.	146. AG	1250.	2.7	.0	56.0	
39. 0	SPEC WBALL*	197290.0	626288.0	197347.0	626211.0	*	96.	143. AG	1250.	2.7	.0	44.0	
40. 0	SPEC WBALL*	197347.0	626211.0	197431.0	626152.0	*	103.	125. AG	1250.	2.7	.0	44.0	
41. 0	SPEC WBALL*	197431.0	626152.0	197610.0	626090.0	*	189.	109. AG	1250.	2.7	.0	44.0	
42. 0	SPEC WBDP *	195935.0	626901.0	196222.0	626813.0	*	300.	107. AG	350.	2.7	.0	44.0	
43. 0	SPEC WBDP *	196222.0	626813.0	196373.0	626762.0	*	159.	109. AG	350.	2.7	.0	44.0	
44. 0	SPEC WBDP *	196373.0	626762.0	196470.0	626671.0	*	133.	133. AG	350.	2.7	.0	44.0	

JOB: S26 B230PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:02:29.17

RUN: S26 B230PM MD 85 & SPEC

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 0	SPEC WBDP *	196470.0	626671.0	196598.0	626636.0	*	133.	105. AG	350.	2.7	.0	44.0	

JOB: S26 B230PM MD 85 & SPECTRUM
DATE: 12/27/2006 TIME: 12:02:29.17

RUN: S26 B230PM MD 85 & SPEC

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
4. 4	NB MD 85 T*	120	63	4.0	800	1770	28.30	2	3
6. 6	NB MD 85 L*	120	64	4.0	50	459	28.30	2	3
12. 15	SB MD 85 T*	120	43	4.0	800	1695	28.30	2	3
14. 17	SB MD 85 L*	120	44	4.0	400	155	28.30	2	3
16. 19	SB MD 85 R*	120	43	4.0	100	1583	28.30	2	3
22.	SPEC EB *	120	106	4.0	300	1678	28.30	3	3
34.	SPEC WB T *	120	96	4.0	750	1765	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	196654.0	626167.0	5.0	*
2. REC 2 164' SE CORNER	*	196685.0	626417.0	5.0	*
3. REC 3 82' SE CORNER	*	196689.0	626484.0	5.0	*
4. REC 4 SE CORNER	*	196696.0	626557.0	5.0	*
5. REC 5 82' ES CORNER	*	196750.0	626579.0	5.0	*
6. REC 6 164' ES CORNER	*	196836.0	626587.0	5.0	*
7. REC 7 ES CORNER	*	196976.0	626524.0	5.0	*
8. REC 8 400' EN CORNER	*	197037.0	626608.0	5.0	*
9. REC 9 164' EN CORNER	*	196822.0	626664.0	5.0	*
10. REC 10 82' EN CORNER	*	196733.0	626677.0	5.0	*
11. 1196736.	*	196660.0	626705.0	5.0	*

S26B230P.OUT

12.	REC 12	82'	NE CORNER	*	196654.0	626788.0	5.0	*
13.	REC 13		NE CORNER	*	196658.0	626894.0	5.0	*
14.	REC 14	400'	NE CORNE	*	196653.0	627100.0	5.0	*
15.	REC 15	400'	NW CORNE	*	196645.0	627086.0	5.0	*
16.	REC 16	164'	NW CORNE	*	196528.0	626851.0	5.0	*
17.	REC 17	82'	NW CORNER	*	196529.0	626769.0	5.0	*
18.	REC 18		NW CORNER	*	196516.0	626687.0	5.0	*
19.	REC 19	82'	WN CORNER	*	196452.0	626716.0	5.0	*
20.	1196453.			*	196385.0	626772.0	5.0	*
21.	REC 21	400'	WN CORNE	*	196172.0	626863.0	5.0	*
22.	REC 22	400'	WS CORNE	*	196176.0	626796.0	5.0	*
23.	REC 23	164'	WS CORNE	*	196388.0	626620.0	5.0	*
24.	REC 24	82'	WS CORNER	*	196456.0	626629.0	5.0	*
25.	REC 25		SW CORNER	*	196509.0	626582.0	5.0	*
26.	REC 26	82'	SW CORNER	*	196511.0	626497.0	5.0	*
27.	REC 27	164'	SW CORNE	*	196512.0	626415.0	5.0	*
28.	REC 28	400'	SW CORNE	*	196494.0	626173.0	5.0	*

1

JOB: S26 B230PM MD 85 & SPECTRUM

RUN: S26 B230PM MD 85 & SPEC

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.1	.2	.3	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
5.	*	.1	.1	.1	.4	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
10.	*	.2	.1	.2	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
15.	*	.2	.1	.2	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
20.	*	.0	.1	.2	.4	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0
25.	*	.0	.1	.2	.4	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
30.	*	.0	.1	.2	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
35.	*	.0	.1	.2	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0
40.	*	.0	.1	.2	.4	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
45.	*	.0	.1	.1	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1
50.	*	.0	.0	.1	.4	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0
55.	*	.0	.0	.1	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
60.	*	.0	.0	.1	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
65.	*	.0	.0	.0	.3	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
70.	*	.0	.0	.0	.3	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
75.	*	.0	.0	.0	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0
80.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.0
85.	*	.0	.0	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.2	.0
90.	*	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0
95.	*	.0	.0	.0	.0	.1	.3	.2	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.3	.0
100.	*	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.1	.2	.3	.1	.1
105.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.2	.1	.0	.0	.0	.0	.1	.3	.3	.1	.1
110.	*	.0	.0	.0	.0	.1	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.1	.3	.1	.1	.1
115.	*	.0	.0	.0	.0	.1	.1	.1	.1	.2	.4	.2	.0	.0	.0	.0	.1	.3	.1	.1	.1
120.	*	.0	.0	.0	.0	.0	.1	.0	.1	.2	.5	.3	.1	.0	.0	.0	.2	.3	.1	.1	.1
125.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.5	.3	.1	.0	.0	.0	.2	.3	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.1	.0	.1	.3	.6	.3	.1	.0	.0	.0	.3	.3	.1	.0	.1
135.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.6	.3	.1	.0	.0	.0	.3	.3	.1	.0	.1
140.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.7	.3	.2	.1	.0	.0	.3	.3	.1	.1	.1
145.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.5	.3	.2	.1	.0	.0	.3	.2	.2	.2	.2
150.	*	.0	.0	.0	.0	.0	.1	.0	.1	.5	.5	.2	.2	.1	.0	.0	.3	.1	.2	.3	.2
155.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.5	.2	.2	.1	.0	.0	.2	.1	.2	.2	.2
160.	*	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.2	.1	.1	.0	.1	.2	.2	.1	.3	.2
165.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1
170.	*	.1	.0	.0	.0	.0	.1	.0	.2	.5	.4	.1	.1	.1	.1	.2	.0	.1	.1	.3	.1
175.	*	.1	.0	.0	.0	.0	.1	.0	.2	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1
180.	*	.1	.0	.0	.0	.0	.1	.0	.1	.6	.5	.1	.0	.1	.1	.1	.0	.0	.0	.4	.0
185.	*	.3	.0	.0	.0	.0	.1	.0	.1	.6	.5	.2	.1	.1	.1	.2	.1	.0	.0	.4	.0
190.	*	.3	.0	.0	.0	.0	.1	.0	.1	.6	.4	.3	.2	.1	.2	.2	.1	.1	.1	.4	.0
195.	*	.3	.0	.0	.0	.0	.1	.0	.1	.6	.4	.3	.2	.1	.2	.2	.1	.1	.1	.4	.0
200.	*	.3	.0	.0	.0	.0	.1	.0	.1	.6	.4	.3	.2	.1	.2	.2	.1	.1	.1	.4	.0
205.	*	.3	.0	.0	.1	.0	.1	.0	.2	.6	.5	.1	.1	.2	.2	.4	.1	.1	.2	.3	.0

1

JOB: S26 B230PM MD 85 & SPECTRUM

RUN: S26 B230PM MD 85 & SPEC

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.3	.0	.0	.1	.0	.1	.0	.1	.7	.6	.1	.2	.2	.2	.3	.1	.2	.2	.3	.0
215.	*	.3	.0	.0	.2	.0	.1	.0	.1	.7	.5	.2	.2	.3	.2	.2	.1	.2	.2	.3	.0
220.	*	.3	.0	.1	.2	.0	.1	.0	.2	.7	.5	.2	.3	.3	.2	.2	.0	.2	.3	.2	.0
225.	*	.3	.0	.1	.2	.1	.1	.0	.2	.7	.4	.2	.3	.2	.2	.2	.0	.1	.3	.2	.0
230.	*	.3	.1	.2	.2	.1	.1	.0	.2	.8	.3	.1	.3	.1	.2	.2	.0	.1	.3	.1	.0
235.	*	.3	.1	.2	.2	.1	.1	.0	.2	.8	.4	.1	.3	.1	.1	.2	.0	.1	.3	.1	.0
240.	*	.3	.1	.2	.1	.1	.1	.0	.2	.8	.3	.2	.3	.1	.1	.2	.0	.1	.3	.1	.0
245.	*	.3	.1	.2	.1	.1	.1	.0	.2	.8	.2	.2	.3	.1	.1	.2	.0	.0	.3	.0	.0
250.	*	.3	.1	.2	.1	.1	.1	.0	.2	.6	.2	.2	.2	.1	.1	.1	.0	.0	.3	.0	.0
255.	*	.3	.1	.2	.1	.2	.1	.0	.2	.6	.2	.3	.1	.1	.1	.1	.0	.0	.3	.0	.0
260.	*	.3	.1	.2	.2	.2	.2	.0	.2	.5	.2	.3	.1	.1	.1	.2	.0	.0	.2	.0	.0
265.	*	.3	.1	.2	.1	.1	.3	.0	.2	.4	.1	.3	.1	.1	.1	.2	.0	.0	.2	.0	.0
270.	*	.3	.1	.2	.1	.1	.3	.0	.3	.3	.2	.3	.1	.1	.1	.2	.0	.0	.1	.0	.0
275.	*	.3	.1	.2	.1	.2	.4	.0	.3	.1	.2	.2	.1	.1	.2	.2	.0	.0	.1	.0	.0
280.	*	.3	.1	.2	.2	.3	.6	.1	.2	.1	.1	.2	.1	.1	.2	.3	.0	.0	.1	.0	.0
285.	*	.3	.2	.2	.1	.3	.7	.2	.2	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
290.	*	.3	.2	.2	.1	.4	.7	.3	.2	.0	.1	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0
295.	*	.3	.2	.2	.2	.3	.8	.3	.1	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
300.	*	.3	.2	.3	.2	.4	.7	.3	.0	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
305.	*	.2	.2	.2	.1	.5	.7	.3	.0	.0	.1	.2	.1	.1	.2	.3	.0	.0	.0	.0	.0
310.	*	.2	.3	.2	.1	.6	.7	.2	.0	.1	.1	.1	.1	.1	.3	.3	.0	.0	.0	.0	.0

S26B230P.OUT

315.	*	.1	.3	.2	.1	.6	.7	.3	.0	.1	.1	.1	.2	.1	.3	.3	.0	.0	.0	.0	.0
320.	*	.1	.3	.1	.2	.6	.8	.3	.0	.1	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0
325.	*	.2	.1	.1	.2	.7	.8	.2	.0	.1	.1	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0
330.	*	.2	.1	.1	.2	.7	.7	.2	.0	.1	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
335.	*	.2	.1	.1	.3	.7	.7	.2	.0	.0	.1	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0
340.	*	.3	.1	.1	.3	.6	.6	.2	.0	.0	.1	.2	.3	.2	.3	.4	.0	.0	.0	.0	.0
345.	*	.3	.2	.1	.3	.6	.6	.2	.0	.0	.1	.3	.3	.3	.2	.3	.0	.0	.0	.0	.0
350.	*	.3	.1	.2	.4	.5	.6	.2	.0	.0	.1	.2	.3	.2	.2	.3	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.4	.5	.6	.2	.0	.0	.0	.1	.2	.1	.2	.2	.0	.0	.0	.0	.0
360.	*	.2	.1	.2	.3	.5	.6	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
MAX	*	.3	.3	.3	.4	.7	.8	.3	.3	.8	.7	.3	.3	.3	.3	.4	.3	.3	.3	.4	.2
DEGR.	*	185	310	300	5	325	295	290	270	230	140	120	220	215	310	205	130	105	85	175	145

1

JOB: S26 B230PM MD 85 & SPECTRUM

RUN: S26 B230PM MD 85 & SPEC

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.0	.0	.8	.1	.1	.0	.0
5.	*	.0	.0	.0	.7	.1	.1	.1	.0
10.	*	.0	.0	.1	.7	.1	.1	.1	.0
15.	*	.0	.0	.1	.8	.1	.1	.2	.1
20.	*	.0	.0	.1	.8	.1	.1	.2	.1
25.	*	.0	.0	.2	.8	.1	.2	.1	.1
30.	*	.0	.0	.2	.8	.1	.2	.1	.1
35.	*	.0	.0	.4	.8	.1	.1	.2	.1
40.	*	.0	.0	.4	.8	.1	.1	.3	.0
45.	*	.0	.0	.4	.8	.1	.2	.3	.0
50.	*	.0	.0	.3	.8	.2	.2	.3	.0
55.	*	.0	.0	.4	.8	.1	.2	.3	.0
60.	*	.0	.0	.4	.8	.2	.3	.3	.1
65.	*	.0	.0	.4	.8	.2	.3	.3	.1
70.	*	.0	.0	.3	.7	.2	.3	.2	.1
75.	*	.0	.0	.3	.8	.3	.3	.2	.1
80.	*	.0	.0	.4	.8	.4	.3	.1	.2
85.	*	.0	.0	.3	.7	.3	.2	.1	.2
90.	*	.0	.0	.3	.7	.3	.2	.1	.2
95.	*	.0	.0	.2	.7	.3	.2	.1	.2
100.	*	.0	.0	.2	.6	.2	.2	.1	.2
105.	*	.0	.0	.1	.6	.2	.2	.1	.2
110.	*	.0	.1	.0	.5	.2	.2	.1	.2
115.	*	.0	.1	.0	.4	.2	.2	.1	.2
120.	*	.0	.1	.0	.4	.2	.1	.1	.2
125.	*	.0	.1	.0	.5	.2	.1	.1	.2
130.	*	.0	.0	.0	.5	.2	.1	.1	.2
135.	*	.0	.0	.0	.4	.2	.1	.1	.2
140.	*	.0	.0	.0	.3	.2	.1	.1	.2
145.	*	.0	.0	.0	.3	.1	.1	.1	.2
150.	*	.0	.0	.0	.1	.1	.1	.1	.1
155.	*	.0	.0	.0	.1	.1	.1	.1	.1
160.	*	.0	.0	.0	.1	.1	.1	.0	.2
165.	*	.0	.0	.0	.1	.1	.1	.0	.2
170.	*	.0	.0	.0	.1	.1	.0	.0	.2
175.	*	.0	.0	.0	.1	.0	.0	.0	.0
180.	*	.0	.0	.0	.1	.0	.0	.0	.0
185.	*	.0	.0	.0	.1	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S26 B230PM MD 85 & SPECTRUM

RUN: S26 B230PM MD 85 & SPEC

PAGE 7

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	*	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.1	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.0	.0	.0	.0
265.	*	.0	.0	.0	.1	.0	.0	.0	.0
270.	*	.0	.0	.0	.1	.0	.0	.0	.0
275.	*	.0	.0	.0	.1	.0	.0	.0	.0
280.	*	.0	.0	.0	.2	.0	.0	.0	.0
285.	*	.0	.0	.0	.2	.0	.0	.0	.0
290.	*	.0	.0	.0	.3	.1	.0	.0	.0
295.	*	.0	.0	.0	.4	.1	.0	.0	.0
300.	*	.0	.0	.0	.5	.2	.0	.0	.0
305.	*	.0	.0	.0	.6	.3	.0	.0	.0
310.	*	.0	.0	.0	.7	.3	.0	.0	.0
315.	*	.0	.0	.0	.8	.4	.0	.0	.0

S26B230P.OUT

320.	*	.0	.0	.0	.8	.4	.1	.0	.0
325.	*	.0	.0	.0	.8	.4	.1	.0	.0
330.	*	.0	.0	.0	.9	.3	.1	.0	.0
335.	*	.0	.0	.0	.9	.3	.1	.1	.0
340.	*	.0	.0	.0	.9	.2	.1	.1	.0
345.	*	.0	.0	.0	.9	.2	.1	.1	.0
350.	*	.0	.0	.0	.8	.1	.1	.1	.0
355.	*	.0	.0	.0	.8	.1	.1	.1	.0
360.	*	.0	.0	.0	.8	.1	.1	.0	.0
MAX	*	.0	.1	.4	.9	.4	.3	.3	.2
DEGR.	*	0	110	35	330	80	60	40	80

THE HIGHEST CONCENTRATION IS .90 PPM AT 330 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 295 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 230 DEGREES FROM REC9 .

1

JOB: S26 B230PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 12:02:29.17

RUN: S26 B230PM MD 85 & SPEC

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 185	REC2 310	REC3 300	REC4 5	REC5 325	REC6 295	REC7 290	REC8 270	REC9 230	REC10 140	REC11 120	REC12 220	REC13 215	REC14 310	REC15 205	REC16 130	REC17 105	REC18 85	REC19 175	REC20 145
1	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.4	.2	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.3	.4	.5	.2	.2	.5	.4	.3	.0	.0	.0	.1	.1	.1	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S26 B230PM MD 85 & SPECTRUM
 DATE: 12/27/2006 TIME: 12:02:29.17

RUN: S26 B230PM MD 85 & SPEC

PAGE 9

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 0	REC22 110	REC23 35	REC24 330	REC25 80	REC26 60	REC27 40	REC28 80
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.1	.1	.1	.0

18	*	.0	.0	.0	.0	.0	.0	.1
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.3	.9	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.1	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.2	.1	.1
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S26B230P.OUT

Site 27 I-270 Ramps & MD 85

I-270 /US15 CORRIDOR STUDY				60.0175.0.0000.000170.30480000				S27EXAM.DAT	
								11	1
R1	SW	CORNER ON RAMP	196657.	623969.	5.0				
R2	SW	25M S ON RAMP	196634.	623886.	5.0				
R3	SW	50M S ON RAMP	196633.	623814.	5.0				
R4	SW	75M S ON RAMP	196638.	623731.	5.0				
R5	SW	100M S ON RAMP	196635.	623627.	5.0				
R6	SB	OFF RAMP	196518.	624062.	5.0				
R7	SB	OFF RAMP	196532.	623928.	5.0				
R8	SB	OFF RAMP	196460.	624262.	5.0				
R9	SB	OFF RAMP	196348.	624487.	5.0				
R10	SB	ON RAMP	196793.	624015.	5.0				
R11	SB	ON RAMP	196962.	624006.	5.0				
R12	SB	ON RAMP	197079.	623822.	5.0				
R13	SB	ON RAMP	197227.	623485.	5.0				
R14	NB	OFF RAMP	197451.	623580.	5.0				
R15	NB	OFF RAMP	197472.	623893.	5.0				
R16	85	WB	196546.	623727.	5.0				
R17	85	WB	196555.	623544.	5.0				
SITE 27 EXISTING AM				57	1	1			
1									
1	270	SB	AG196288.625210.196491.624946.	3401.	3.7	0.44.0	58		
2	270	SB	AG196490.624947.196673.624676.	3401.	3.7	0.44.0	58		
3	270	SB	AG196673.624676.196877.624349.	3401.	3.7	0.44.0	58		
4	270	SB	AG196877.624349.197070.624013.	2701.	3.7	0.44.0	58		
5	270	SB	AG197070.624013.197233.623678.	2701.	3.7	0.44.0	58		
6	270	SB	AG197233.623678.197445.623169.	3226.	3.7	0.44.0	58		
7	270	SB	AG197445.623169.197616.622670.	3226.	3.7	0.44.0	58		
8	270	NB	AG197411.623413.197566.623006.	2037.	3.8	0.44.0	58		
9	270	NB	AG197566.623006.197678.622679.	2037.	3.8	0.44.0	58		
10	270	NB	AG197411.623410.197232.623835.	2037.	3.8	0.44.0	58		
11	270	NB	AG197233.623832.197144.624013.	2037.	3.8	0.44.0	58		
12	270	NB	AG197145.624011.196936.624369.	1477.	3.8	0.44.0	58		
13	270	NB	AG196936.624368.196694.624752.	1477.	3.8	0.44.0	58		
14	270	NB	AG196695.624751.196358.625250.	1477.	3.8	0.44.0	58		
15	270	SB	OFFAG196033.625198.196112.625013.	853.	6.6	0.44.0	58		
16	270	SB	OFFAG196115.625011.196320.624584.	853.	6.6	0.44.0	58		
17	270	SB	OFFAG196321.624584.196403.624475.	853.	6.6	0.44.0	58		
18	270	SB	OFFAG196407.624472.196475.624384.	853.	6.6	0.44.0	58		
19	270	SB	OFFAG196475.624384.196522.624279.	853.	6.6	0.44.0	58		
20	270	SB	OFFAG196522.624279.196560.624070.	853.	6.6	0.44.0	58		
21	85	WB	AG196562.624068.196597.623528.	1343.	2.8	0.70.0	35		
22	85	WB	AG196600.623524.196601.623214.	1343.	2.8	0.70.0	58		
23	85	WB	AG196601.623214.196532.622887.	1343.	2.8	0.70.0	58		
24	85	EB	AG196546.622890.196617.623210.	1200.	2.6	0.50.0	58		
25	85	EB	AG196617.623210.196607.623656.	1200.	2.6	0.50.0	58		
26	85	EB	AG196610.623653.196590.623910.	1200.	2.6	0.50.0	35		
27	85	EB	AG196590.623907.196573.624203.	675.	2.6	0.50.0	35		
28	85	EB	AG196582.624205.196550.624779.	1375.	2.6	0.50.0	35		
29	85	EB	AG196552.624778.196527.625236.	1375.	2.6	0.50.0	35		
30	85	WB	AG196511.625230.196531.624774.	165.	2.8	0.70.0	35		
31	85	WB	AG196539.624773.196569.624202.	165.	2.8	0.70.0	35		
32	85	WB ON	RAG196519.624774.196507.624634.	425.	2.6	0.44.0	58		
33	85	WB ON	RAG196507.624634.196464.624587.	425.	2.6	0.44.0	58		
34	85	WB ON	RAG196464.624587.196396.624578.	425.	2.6	0.44.0	58		
35	85	WB ON	RAG196396.624578.196338.624613.	425.	2.6	0.44.0	58		
36	85	WB ON	RAG196338.624613.196083.625143.	425.	2.6	0.44.0	58		
37	270	SB	OFFAG196861.624341.196900.624263.	700.	6.6	0.44.0	58		
38	270	SB	OFFAG196900.624263.196899.624183.	700.	6.6	0.44.0	58		
39	270	SB	OFFAG196899.624183.196831.624092.	700.	6.6	0.44.0	58		
40	270	SB	OFFAG196831.624092.196731.624071.	700.	6.6	0.44.0	58		
41	270	SB	OFFAG196731.624071.196642.624113.	700.	6.6	0.44.0	58		
42	270	SB	OFFAG196642.624113.196583.624210.	700.	6.6	0.44.0	58		
43	270	NB	OFFAG197151.624008.197101.624125.	560.	2.6	0.44.0	58		

44		270 NB OFFAG197101.624125.197041.624262.	560. 2.6	S27EXAM.DAT 0.44.0	58
45	1	270 NB OFFAG197041.624262.197025.624394.	560. 2.6	0.44.0	58
46	1	270 NB OFFAG197025.624394.197040.624558.	560. 2.6	0.44.0	58
47	1	270 NB OFFAG197040.624558.197024.624693.	560. 2.6	0.44.0	58
48	1	270 NB OFFAG197025.624689.196915.624932.	560. 2.6	0.44.0	58
49	1	270 NB OFFAG196915.624932.196745.625282.	560. 2.6	0.44.0	58
50	1	270 ON RMPAG196605.623753.196611.623932.	525. 2.6	0.44.0	58
51	1	270 ON RMPAG196611.623932.196656.624000.	525. 2.6	0.44.0	58
52	1	270 ON RMPAG196656.624000.196731.624044.	525. 2.6	0.44.0	58
53	1	270 ON RMPAG196731.624044.196915.624054.	525. 2.6	0.44.0	58
54	1	270 ON RMPAG196915.624054.197026.624006.	525. 2.6	0.44.0	58
55	1	270 ON RMPAG197026.624006.197090.623923.	525. 2.6	0.44.0	58
56	1	270 ON RMPAG197090.623923.197238.623624.	525. 2.6	0.44.0	58
57	1	270 ON RMPAG197238.623624.197293.623533.	525. 2.6	0.44.0	58
1.0	0.4	1000. 0.0Y 5 0 72			

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:35.70

RUN: SITE 27 EXISTING AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	3401.	3.7	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	3401.	3.7	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	3401.	3.7	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	2701.	3.7	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	2701.	3.7	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	3226.	3.7	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	3226.	3.7	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	2037.	3.8	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	2037.	3.8	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	2037.	3.8	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	2037.	3.8	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	1477.	3.8	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	1477.	3.8	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	1477.	3.8	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	853.	6.6	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	853.	6.6	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	853.	6.6	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	853.	6.6	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	853.	6.6	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	853.	6.6	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	1343.	2.8	.0	70.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	1343.	2.8	.0	70.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	1343.	2.8	.0	70.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	1200.	2.6	.0	50.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	1200.	2.6	.0	50.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	1200.	2.6	.0	50.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	675.	2.6	.0	50.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	1375.	2.6	.0	50.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	1375.	2.6	.0	50.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	165.	2.8	.0	70.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	165.	2.8	.0	70.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	425.	2.6	.0	44.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	425.	2.6	.0	44.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	425.	2.6	.0	44.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	425.	2.6	.0	44.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	425.	2.6	.0	44.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	700.	6.6	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	700.	6.6	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	700.	6.6	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	700.	6.6	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	700.	6.6	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	700.	6.6	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	560.	2.6	.0	44.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	560.	2.6	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:35.70

RUN: SITE 27 EXISTING AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	560.	2.6	.0	44.0	
46. 46	270 NB OFF*	197025.0	624394.0	197040.0	624558.0	*	165.	5. AG	560.	2.6	.0	44.0	
47. 47	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	560.	2.6	.0	44.0	
48. 48	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	560.	2.6	.0	44.0	
49. 49	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	560.	2.6	.0	44.0	
50. 50	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	525.	2.6	.0	44.0	
51. 51	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	525.	2.6	.0	44.0	
52. 52	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	525.	2.6	.0	44.0	
53. 53	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	525.	2.6	.0	44.0	
54. 54	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	525.	2.6	.0	44.0	
55. 55	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	525.	2.6	.0	44.0	
56. 56	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	525.	2.6	.0	44.0	
57. 57	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	525.	2.6	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:35.70

RUN: SITE 27 EXISTING AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27EXAM.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.2	.1	.2	.1	.2	.2	.2	.3	.3	.0	.0	.1	.1
5.	.0	.0	.0	.0	.1	.2	.1	.3	.2	.3	.4	.3	.0	.0	.1	.2	.2
10.	.1	.0	.0	.0	.0	.3	.2	.2	.2	.3	.2	.3	.0	.0	.2	.2	.2
15.	.1	.0	.0	.0	.0	.3	.1	.2	.2	.1	.3	.2	.3	.0	.0	.3	.2
20.	.1	.0	.0	.0	.0	.2	.1	.1	.2	.3	.3	.3	.3	.0	.0	.3	.2
25.	.0	.0	.0	.0	.0	.3	.1	.2	.3	.3	.2	.3	.3	.0	.0	.2	.1
30.	.0	.0	.0	.0	.0	.3	.1	.2	.2	.2	.2	.3	.3	.0	.0	.2	.2
35.	.0	.0	.0	.0	.0	.3	.1	.3	.2	.2	.2	.3	.3	.0	.0	.2	.2
40.	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.2	.3	.3	.0	.0	.2	.2
45.	.1	.0	.0	.0	.0	.1	.1	.3	.2	.1	.2	.3	.3	.0	.0	.2	.2
50.	.1	.0	.0	.0	.0	.1	.1	.2	.3	.1	.2	.3	.3	.0	.0	.2	.2
55.	.1	.0	.0	.0	.0	.1	.1	.2	.2	.1	.2	.3	.3	.0	.0	.2	.2
60.	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.3	.3	.0	.0	.2	.2
65.	.1	.0	.0	.0	.0	.1	.1	.2	.1	.1	.2	.3	.3	.0	.0	.2	.2
70.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.2	.3	.3	.0	.0	.2	.2
75.	.0	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.3	.3	.0	.0	.2	.2
80.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.3	.3	.0	.0	.2	.2
85.	.0	.0	.0	.0	.0	.2	.1	.1	.2	.1	.2	.2	.3	.0	.0	.2	.2
90.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.2	.3	.3	.0	.0	.2	.2
95.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.2	.3	.3	.0	.0	.2	.2
100.	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.2	.3	.3	.0	.0	.2	.2
105.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.3	.3	.0	.0	.2	.2
110.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.2	.3	.3	.0	.0	.2	.2
115.	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.3	.3	.3	.0	.0	.2	.3
120.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.3	.3	.3	.0	.0	.2	.2
125.	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.2	.4	.3	.0	.0	.2	.2
130.	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.2	.3	.3	.0	.0	.2	.2
135.	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.2	.3	.3	.0	.0	.1	.2
140.	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.3	.3	.4	.0	.0	.1	.2
145.	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.2	.1	.4	.0	.0	.1	.2
150.	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.1	.2	.0	.0	.2	.2
155.	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.1	.1	.2	.0	.0	.2	.2
160.	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2
165.	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2
170.	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
175.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1
180.	.0	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.1	.1
185.	.0	.2	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
190.	.1	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
195.	.2	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
200.	.2	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
205.	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
215.	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
220.	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
225.	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
230.	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
235.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
240.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
245.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
250.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
255.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
260.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
265.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
270.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
275.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
280.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
285.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
290.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
295.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
300.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.0	.0
305.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0
310.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0
315.	.0	.1	.2	.2	.3	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0
320.	.1	.1	.3	.2	.3	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0
325.	.1	.1	.3	.2	.3	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0
330.	.1	.2	.3	.2	.3	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0
335.	.1	.2	.3	.2	.2	.0	.0	.0	.2	.1	.1	.1	.1	.0	.0	.0	.0
340.	.0	.2	.3	.2	.2	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0

S27EXAM.OUT

345.	*	.0	.1	.3	.2	.2	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0
350.	*	.0	.0	.1	.2	.2	.1	.0	.1	.2	.2	.2	.3	.2	.0	.0	.1	.1
355.	*	.0	.0	.0	.2	.2	.1	.2	.1	.3	.2	.1	.3	.2	.0	.0	.1	.1
360.	*	.0	.0	.0	.0	.2	.1	.2	.1	.2	.2	.2	.3	.3	.0	.0	.1	.1
MAX	*	.2	.3	.3	.3	.4	.3	.3	.3	.3	.3	.4	.4	.3	.2	.3	.3	
DEGR.	*	195	195	320	190	190	10	155	35	5	20	5	140	175	195	15	115	

THE HIGHEST CONCENTRATION IS .40 PPM AT 190 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC12.
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 140 DEGREES FROM REC13.

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/15/2006 TIME: 10:04:35.70

RUN: SITE 27 EXISTING AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 195	REC2 195	REC3 320	REC4 190	REC5 190	REC6 10	REC7 155	REC8 35	REC9 5	REC10 20	REC11 5	REC12 5	REC13 140	REC14 175	REC15 195	REC16 15	REC17 115
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.1	.1	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
26	*	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 195	REC2 195	REC3 320	REC4 190	REC5 190	REC6 10	REC7 155	REC8 35	REC9 5	REC10 20	REC11 5	REC12 5	REC13 140	REC14 175	REC15 195	REC16 15	REC17 115
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S27EXPM.DAT

I-270 /US15 CORRIDOR STUDY	60.0175.0.0000.000170.30480000	11	1
R1 SW CORNER ON RAMP	196657. 623969. 5.0		
R2 SW 25M S ON RAMP	196634. 623886. 5.0		
R3 SW 50M S ON RAMP	196633. 623814. 5.0		
R4 SW 75M S ON RAMP	196638. 623731. 5.0		
R5 SW 100M S ON RAMP	196635. 623627. 5.0		
R6 SB OFF RAMP	196518. 624062. 5.0		
R7 SB OFF RAMP	196532. 623928. 5.0		
R8 SB OFF RAMP	196460. 624262. 5.0		
R9 SB OFF RAMP	196348. 624487. 5.0		
R10 SB ON RAMP	196793. 624015. 5.0		
R11 SB ON RAMP	196962. 624006. 5.0		
R12 SB ON RAMP	197079. 623822. 5.0		
R13 SB ON RAMP	197227. 623485. 5.0		
R14 NB OFF RAMP	197451. 623580. 5.0		
R15 NB OFF RAMP	197472. 623893. 5.0		
R16 85 WB	196546. 623727. 5.0		
R17 85 WB	196555. 623544. 5.0		
SITE 27 EXISTING PM	57 1 1		

1							
1	270 SB	AG196288.625210.196491.624946.	2366. 3.8	0.44.0	61		
2	270 SB	AG196490.624947.196673.624676.	2366. 3.8	0.44.0	58		
3	270 SB	AG196673.624676.196877.624349.	2366. 3.8	0.44.0	61		
4	270 SB	AG196877.624349.197070.624013.	1811. 3.8	0.44.0	61		
5	270 SB	AG197070.624013.197233.623678.	1811. 3.8	0.44.0	61		
6	270 SB	AG197233.623678.197445.623169.	2194. 3.8	0.44.0	61		
7	270 SB	AG197445.623169.197616.622670.	2194. 3.8	0.44.0	61		
8	270 NB	AG197411.623413.197566.623006.	3470. 3.6	0.44.0	56		
9	270 NB	AG197566.623006.197678.622679.	3470. 3.6	0.44.0	56		
10	270 NB	AG197411.623410.197232.623835.	3470. 3.6	0.44.0	56		
11	270 NB	AG197233.623832.197144.624013.	3470. 3.6	0.44.0	56		
12	270 NB	AG197145.624011.196936.624369.	2962. 3.6	0.44.0	56		
13	270 NB	AG196936.624368.196694.624752.	2962. 3.6	0.44.0	56		
14	270 NB	AG196695.624751.196358.625250.	2962. 3.6	0.44.0	56		
15	270 SB OFF	AG196033.625198.196112.625013.	470. 4.5	0.44.0	30		
16	270 SB OFF	AG196115.625011.196320.624584.	470. 4.5	0.44.0	30		
17	270 SB OFF	AG196321.624584.196403.624475.	470. 4.5	0.44.0	30		
18	270 SB OFF	AG196407.624472.196475.624384.	470. 4.5	0.44.0	30		
19	270 SB OFF	AG196475.624384.196522.624279.	470. 4.5	0.44.0	30		
20	270 SB OFF	AG196522.624279.196560.624070.	470. 4.5	0.44.0	30		
21	85 WB	AG196562.624068.196597.623528.	1450. 2.8	0.44.0	35		
22	85 WB	AG196600.623524.196601.623214.	1450. 2.8	0.44.0	58		
23	85 WB	AG196601.623214.196532.622887.	1450. 2.8	0.44.0	58		
24	85 EB	AG196546.622890.196617.623210.	1394. 2.6	0.44.0	58		
25	85 EB	AG196617.623210.196607.623656.	1394. 2.6	0.44.0	58		
26	85 EB	AG196610.623653.196590.623910.	1394. 2.6	0.44.0	35		
27	85 EB	AG196590.623907.196573.624203.	1011. 2.6	0.44.0	35		
28	85 EB	AG196582.624205.196550.624779.	1566. 2.6	0.44.0	35		
29	85 EB	AG196552.624778.196527.625236.	1566. 2.6	0.44.0	35		
30	85 WB	AG196511.625230.196531.624774.	796. 2.8	0.44.0	35		
31	85 WB	AG196539.624773.196569.624202.	371. 2.8	0.44.0	35		
32	85 WB ON	RAG196519.624774.196507.624634.	418. 2.6	0.32.0	30		
33	85 WB ON	RAG196507.624634.196464.624587.	318. 2.6	0.32.0	30		
34	85 WB ON	RAG196464.624587.196396.624578.	318. 2.6	0.32.0	30		
35	85 WB ON	RAG196396.624578.196338.624613.	318. 2.6	0.32.0	30		
36	85 WB ON	RAG196338.624613.196083.625143.	318. 2.6	0.32.0	30		
37	270 SB OFF	AG196861.624341.196900.624263.	555. 6.6	0.44.0	30		
38	270 SB OFF	AG196900.624263.196899.624183.	555. 6.6	0.44.0	30		
39	270 SB OFF	AG196899.624183.196831.624092.	555. 6.6	0.44.0	30		
40	270 SB OFF	AG196831.624092.196731.624071.	555. 6.6	0.44.0	30		
41	270 SB OFF	AG196731.624071.196642.624113.	555. 6.6	0.44.0	30		
42	270 SB OFF	AG196642.624113.196583.624210.	555. 6.6	0.44.0	30		
43	270 NB OFF	AG197151.624008.197101.624125.	508. 2.6	0.32.0	30		

44		270 NB OFFAG197101.624125.197041.624262.	508. 2.6	S27EXPM.DAT 0.32.0	30
45	1	270 NB OFFAG197041.624262.197025.624394.	508. 2.6	0.32.0	30
46	1	270 NB OFFAG197040.624558.197024.624693.	508. 2.6	0.32.0	30
47	1	270 NB OFFAG197025.624689.196915.624932.	508. 2.6	0.32.0	30
48	1	270 NB OFFAG196915.624932.196745.625282.	508. 2.6	0.32.0	30
49	1	270 ON RMPAG196605.623753.196611.623932.	383. 2.6	0.44.0	30
50	1	270 ON RMPAG196611.623932.196656.624000.	383. 2.6	0.44.0	30
51	1	270 ON RMPAG196656.624000.196731.624044.	383. 2.6	0.32.0	30
52	1	270 ON RMPAG196731.624044.196915.624054.	383. 2.6	0.32.0	30
53	1	270 ON RMPAG196915.624054.197026.624006.	383. 2.6	0.32.0	30
54	1	270 ON RMPAG197026.624006.197090.623923.	383. 2.6	0.32.0	30
55	1	270 ON RMPAG197090.623923.197238.623624.	383. 2.6	0.32.0	30
56	1	270 ON RMPAG197238.623624.197293.623533.	383. 2.6	0.32.0	30
57	1	270 NB OFFAG197025.624392.197041.624560.	508. 2.6	0.32.0	30
1.0	0.4	1000. 0.0Y 5 0 72			

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:59.05

RUN: SITE 27 EXISTING PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	2366.	3.8	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	2366.	3.8	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	2366.	3.8	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	1811.	3.8	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	1811.	3.8	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	2194.	3.8	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	2194.	3.8	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	3470.	3.6	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	3470.	3.6	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	3470.	3.6	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	3470.	3.6	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	2962.	3.6	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	2962.	3.6	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	2962.	3.6	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	470.	4.5	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	470.	4.5	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	470.	4.5	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	470.	4.5	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	470.	4.5	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	470.	4.5	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	1450.	2.8	.0	44.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	1450.	2.8	.0	44.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	1450.	2.8	.0	44.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	1394.	2.6	.0	44.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	1394.	2.6	.0	44.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	1394.	2.6	.0	44.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	1011.	2.6	.0	44.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	1566.	2.6	.0	44.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	1566.	2.6	.0	44.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	796.	2.8	.0	44.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	371.	2.8	.0	44.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	418.	2.6	.0	32.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	318.	2.6	.0	32.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	318.	2.6	.0	32.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	318.	2.6	.0	32.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	318.	2.6	.0	32.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	555.	6.6	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	555.	6.6	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	555.	6.6	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	555.	6.6	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	555.	6.6	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	555.	6.6	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	508.	2.6	.0	32.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	508.	2.6	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:59.05

RUN: SITE 27 EXISTING PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	508.	2.6	.0	32.0	
46. 46	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	508.	2.6	.0	32.0	
47. 47	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	508.	2.6	.0	32.0	
48. 48	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	508.	2.6	.0	32.0	
49. 49	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	383.	2.6	.0	44.0	
50. 50	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	383.	2.6	.0	44.0	
51. 51	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	383.	2.6	.0	32.0	
52. 52	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	383.	2.6	.0	32.0	
53. 53	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	383.	2.6	.0	32.0	
54. 54	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	383.	2.6	.0	32.0	
55. 55	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	383.	2.6	.0	32.0	
56. 56	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	383.	2.6	.0	32.0	
57. 57	270 NB OFF*	197025.0	624392.0	197041.0	624560.0	*	169.	5. AG	508.	2.6	.0	32.0	

JOB: I-270 /US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:04:59.05

RUN: SITE 27 EXISTING PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27EXPM.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.0	.0	.0	.0	.1	.0	.0	.0	.1	.3	.2	.3	.4	.0	.0	.1	.1
5.	.0	.0	.0	.0	.1	.2	.1	.0	.1	.3	.2	.2	.2	.0	.0	.1	.1
10.	.0	.0	.0	.0	.0	.2	.1	.0	.1	.2	.2	.2	.2	.0	.0	.1	.2
15.	.0	.0	.0	.0	.0	.2	.2	.0	.2	.2	.2	.3	.2	.0	.0	.2	.2
20.	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.2	.3	.2	.0	.0	.2	.1
25.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.0	.2	.2	.2	.0	.0	.2	.2
30.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.0	.0	.2	.2
35.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.2	.0	.0	.2	.2
40.	.0	.0	.0	.0	.0	.2	.2	.1	.1	.2	.2	.2	.2	.0	.0	.2	.2
45.	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.2	.2	.2	.0	.0	.2	.2
50.	.0	.0	.0	.0	.0	.2	.2	.2	.1	.2	.2	.2	.2	.0	.0	.2	.2
55.	.1	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.2	.2	.0	.0	.2	.2
60.	.1	.0	.0	.0	.0	.1	.2	.1	.1	.2	.2	.2	.2	.0	.0	.2	.2
65.	.1	.0	.0	.0	.0	.1	.2	.1	.1	.2	.2	.2	.2	.0	.0	.2	.2
70.	.0	.0	.0	.0	.0	.1	.2	.0	.2	.2	.2	.2	.2	.0	.0	.2	.2
75.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.2	.2	.2	.0	.0	.2	.2
80.	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.2	.2	.2	.0	.0	.2	.2
85.	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.3	.3	.2	.0	.0	.2	.2
90.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.3	.3	.2	.0	.0	.2	.2
95.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.2	.0	.0	.2	.2
100.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.2	.0	.0	.2	.2
105.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.2	.0	.0	.2	.2
110.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.2	.2	.3	.0	.0	.2	.2
115.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.4	.0	.0	.2	.2
120.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.3	.3	.3	.0	.0	.2	.2
125.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.3	.2	.3	.0	.0	.2	.2
130.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.2	.3	.3	.0	.0	.2	.2
135.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.2	.3	.2	.0	.0	.2	.2
140.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.2	.3	.2	.0	.0	.1	.2
145.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.3	.3	.3	.0	.0	.2	.2
150.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.2	.3	.0	.0	.2	.2
155.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.2	.0	.0	.2	.2
160.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2
165.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2
170.	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
175.	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.3	.1	.2	.1
180.	.0	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1
185.	.0	.2	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
190.	.2	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
195.	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
200.	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
205.	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
215.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
220.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
225.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
230.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
235.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
240.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
245.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
250.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
255.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
260.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
265.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
270.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
275.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
280.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
285.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
290.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
295.	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
300.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
305.	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
310.	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
315.	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
320.	.1	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
325.	.0	.2	.2	.2	.3	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0
330.	.0	.2	.2	.2	.3	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0
335.	.0	.2	.2	.2	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
340.	.0	.2	.2	.2	.2	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0

S27EXPM.OUT

345.	*	.0	.1	.2	.2	.2	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.0	.0
350.	*	.0	.1	.0	.2	.2	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.0	.0
355.	*	.0	.0	.0	.1	.2	.0	.0	.0	.1	.3	.3	.3	.4	.0	.0	.1	.1
360.	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.3	.2	.3	.4	.0	.0	.1	.1
MAX	*	.2	.2	.3	.3	.4	.2	.2	.2	.3	.3	.3	.3	.4	.3	.2	.2	.2
DEGR.	*	190	185	185	190	195	5	15	45	15	0	85	0	0	175	185	15	10

THE HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 0 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 185 DEGREES FROM REC3 .

1

JOB: I-270 /US15 CORRIDOR STUDY
 DATE: 12/15/2006 TIME: 10:04:59.05

RUN: SITE 27 EXISTING PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 190	REC2 185	REC3 185	REC4 190	REC5 195	REC6 5	REC7 15	REC8 45	REC9 15	REC10 0	REC11 85	REC12 0	REC13 0	REC14 175	REC15 185	REC16 15	REC17 10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
27	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY

RUN: SITE 27 EXISTING PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 190	REC2 185	REC3 185	REC4 190	REC5 195	REC6 5	REC7 15	REC8 45	REC9 15	REC10 0	REC11 85	REC12 0	REC13 0	REC14 175	REC15 185	REC16 15	REC17 10
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S27NB15A.DAT										
I-270 /US15 CORRIDOR STUDY	NB15A	60.0175.0.0000.000170.30480000	11	1						
R1 SW CORNER ON RAMP	196657.	623969.	5.0							
R2 SW 25M S ON RAMP	196634.	623886.	5.0							
R3 SW 50M S ON RAMP	196633.	623814.	5.0							
R4 SW 75M S ON RAMP	196638.	623731.	5.0							
R5 SW 100M S ON RAMP	196635.	623627.	5.0							
R6 SB OFF RAMP	196518.	624062.	5.0							
R7 SB OFF RAMP	196532.	623928.	5.0							
R8 SB OFF RAMP	196460.	624262.	5.0							
R9 SB OFF RAMP	196348.	624487.	5.0							
R10 SB ON RAMP	196793.	624015.	5.0							
R11 SB ON RAMP	196962.	624006.	5.0							
R12 SB ON RAMP	197079.	623822.	5.0							
R13 SB ON RAMP	197227.	623485.	5.0							
R14 NB OFF RAMP	197451.	623580.	5.0							
R15 NB OFF RAMP	197472.	623893.	5.0							
R16 85 WB	196546.	623727.	5.0							
R17 85 WB	196555.	623544.	5.0							
SITE 27 NB15AM		57	1	1						
1	270 SB	AG196288.625210.196491.624946.	4800.	2.9	0.44.0	34				
2	270 SB	AG196490.624947.196673.624676.	4800.	2.9	0.44.0	34				
3	270 SB	AG196673.624676.196877.624349.	3725.	2.9	0.44.0	34				
4	270 SB	AG196877.624349.197070.624013.	3725.	2.9	0.44.0	34				
5	270 SB	AG197070.624013.197233.623678.	3725.	2.9	0.44.0	34				
6	270 SB	AG197233.623678.197445.623169.	3725.	2.9	0.44.0	34				
7	270 SB	AG197445.623169.197616.622670.	4775.	2.9	0.44.0	30				
8	270 NB	AG197411.623413.197566.623006.	2175.	4.0	0.44.0	56				
9	270 NB	AG197566.623006.197678.622679.	2175.	4.0	0.44.0	56				
10	270 NB	AG197411.623410.197232.623835.	2175.	4.0	0.44.0	56				
11	270 NB	AG197233.623832.197144.624013.	2175.	4.0	0.44.0	56				
12	270 NB	AG197145.624011.196936.624369.	1900.	4.0	0.44.0	56				
13	270 NB	AG196936.624368.196694.624752.	1900.	4.0	0.44.0	56				
14	270 NB	AG196695.624751.196358.625250.	1900.	4.0	0.44.0	56				
15	270 SB OFF	AG196033.625198.196112.625013.	1075.	2.9	0.44.0	30				
16	270 SB OFF	AG196115.625011.196320.624584.	1075.	2.9	0.44.0	30				
17	270 SB OFF	AG196321.624584.196403.624475.	1075.	2.9	0.44.0	30				
18	270 SB OFF	AG196407.624472.196475.624384.	1075.	2.9	0.44.0	30				
19	270 SB OFF	AG196475.624384.196522.624279.	1075.	2.9	0.44.0	30				
20	270 SB OFF	AG196522.624279.196560.624070.	1075.	2.9	0.44.0	30				
21	85 WB	AG196562.624068.196597.623528.	1500.	3.2	0.50.0	40				
22	85 WB	AG196600.623524.196601.623214.	1500.	3.2	0.50.0	40				
23	85 WB	AG196601.623214.196532.622887.	1500.	3.2	0.50.0	40				
24	85 EB	AG196546.622890.196617.623210.	1850.	3.2	0.50.0	40				
25	85 EB	AG196617.623210.196607.623656.	1850.	3.2	0.50.0	40				
26	85 EB	AG196610.623653.196590.623910.	1850.	3.2	0.50.0	40				
27	85 EB	AG196590.623907.196573.624203.	800.	3.2	0.50.0	40				
28	85 EB	AG196582.624205.196550.624779.	800.	3.2	0.50.0	40				
29	85 EB	AG196552.624778.196527.625236.	800.	3.2	0.50.0	40				
30	85 WB	AG196511.625230.196531.624774.	1025.	3.2	0.50.0	40				
31	85 WB	AG196539.624773.196569.624202.	1025.	3.2	0.50.0	40				
32	85 WB ON	RAG196519.624774.196507.624634.	1125.	3.2	0.50.0	40				
33	85 WB ON	RAG196507.624634.196464.624587.	1125.	3.2	0.50.0	40				
34	85 WB ON	RAG196464.624587.196396.624578.	1125.	3.2	0.50.0	40				
35	85 WB ON	RAG196396.624578.196338.624613.	1125.	3.2	0.50.0	40				
36	85 WB ON	RAG196338.624613.196083.625143.	1125.	3.2	0.50.0	40				
37	270 SB OFF	AG196861.624341.196900.624263.	400.	2.9	0.44.0	34				
38	270 SB OFF	AG196900.624263.196899.624183.	400.	2.9	0.44.0	34				
39	270 SB OFF	AG196899.624183.196831.624092.	400.	2.9	0.44.0	34				
40	270 SB OFF	AG196831.624092.196731.624071.	400.	2.9	0.44.0	34				
41	270 SB OFF	AG196731.624071.196642.624113.	400.	2.9	0.44.0	34				
42	270 SB OFF	AG196642.624113.196583.624210.	400.	2.9	0.44.0	34				
43	270 NB OFF	AG197151.624008.197101.624125.	275.	2.9	0.44.0	30				

Line	Code	Description	Value	Unit	Rate	Amount	Balance
44	270 NB	OFFFAG197101.624125.197041.624262.	275.	2.9	0.44.0	30	
45	270 NB	OFFFAG197041.624262.197025.624394.	275.	2.9	0.44.0	30	
46	270 NB	OFFFAG197025.624394.197040.624558.	275.	2.9	0.44.0	30	
47	270 NB	OFFFAG197040.624558.197024.624693.	275.	2.9	0.44.0	30	
48	270 NB	OFFFAG197025.624689.196915.624932.	275.	2.9	0.44.0	30	
49	270 NB	OFFFAG196915.624932.196745.625282.	275.	2.9	0.44.0	30	
50	270 ON	RMPAG196605.623753.196611.623932.	1450.	2.9	0.44.0	30	
51	270 ON	RMPAG196611.623932.196656.624000.	1450.	2.9	0.44.0	30	
52	270 ON	RMPAG196656.624000.196731.624044.	1450.	2.9	0.44.0	30	
53	270 ON	RMPAG196731.624044.196915.624054.	1450.	2.9	0.44.0	30	
54	270 ON	RMPAG196915.624054.197026.624006.	1450.	2.9	0.44.0	30	
55	270 ON	RMPAG197026.624006.197090.623923.	1450.	2.9	0.44.0	30	
56	270 ON	RMPAG197090.623923.197238.623624.	1450.	2.9	0.44.0	30	
57	270 ON	RMPAG197238.623624.197293.623533.	1450.	2.9	0.44.0	30	
1.0	0.4	1000. 0.0Y 5 0 72					

JOB: I-270 /US15 CORRIDOR STUDY NB15A
DATE: 01/20/2007 TIME: 00:02:14.89

RUN: SITE 27 NB15AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	4800.	2.9	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	4800.	2.9	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	3725.	2.9	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	3725.	2.9	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	3725.	2.9	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	3725.	2.9	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	4775.	2.9	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	2175.	4.0	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	2175.	4.0	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	2175.	4.0	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	2175.	4.0	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	1900.	4.0	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	1900.	4.0	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	1900.	4.0	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	1075.	2.9	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	1075.	2.9	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	1075.	2.9	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	1075.	2.9	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	1075.	2.9	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	1075.	2.9	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	1500.	3.2	.0	50.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	1500.	3.2	.0	50.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	1500.	3.2	.0	50.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	1850.	3.2	.0	50.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	1850.	3.2	.0	50.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	1850.	3.2	.0	50.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	800.	3.2	.0	50.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	800.	3.2	.0	50.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	800.	3.2	.0	50.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	1025.	3.2	.0	50.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	1025.	3.2	.0	50.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	1125.	3.2	.0	50.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	1125.	3.2	.0	50.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	1125.	3.2	.0	50.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	1125.	3.2	.0	50.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	1125.	3.2	.0	50.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	400.	2.9	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	400.	2.9	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	400.	2.9	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	400.	2.9	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	400.	2.9	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	400.	2.9	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	275.	2.9	.0	44.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	275.	2.9	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB15A
DATE: 01/20/2007 TIME: 00:02:14.89

RUN: SITE 27 NB15AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	275.	2.9	.0	44.0	
46. 46	270 NB OFF*	197025.0	624394.0	197040.0	624558.0	*	165.	5. AG	275.	2.9	.0	44.0	
47. 47	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	275.	2.9	.0	44.0	
48. 48	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	275.	2.9	.0	44.0	
49. 49	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	275.	2.9	.0	44.0	
50. 50	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	1450.	2.9	.0	44.0	
51. 51	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	1450.	2.9	.0	44.0	
52. 52	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	1450.	2.9	.0	44.0	
53. 53	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	1450.	2.9	.0	44.0	
54. 54	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	1450.	2.9	.0	44.0	
55. 55	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	1450.	2.9	.0	44.0	
56. 56	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	1450.	2.9	.0	44.0	
57. 57	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	1450.	2.9	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB15A
DATE: 01/20/2007 TIME: 00:02:14.89

RUN: SITE 27 NB15AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27NB15A.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY NB15A

RUN: SITE 27 NB15AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.2	.2	.1	.2	.2	.1	.1	.0	.2	.2	.4	.3	.4	.0	.0	.1	.2
5.	.2	.1	.1	.1	.1	.2	.1	.0	.2	.2	.4	.5	.3	.0	.0	.2	.3
10.	.2	.1	.1	.0	.1	.2	.1	.1	.2	.2	.4	.4	.5	.0	.0	.3	.3
15.	.3	.1	.0	.0	.0	.2	.2	.1	.1	.1	.4	.4	.4	.0	.0	.4	.4
20.	.2	.0	.0	.0	.0	.1	.2	.3	.2	.2	.4	.4	.4	.0	.0	.4	.4
25.	.2	.0	.0	.0	.0	.1	.2	.2	.2	.2	.4	.4	.4	.0	.0	.4	.4
30.	.2	.0	.0	.0	.0	.1	.2	.2	.2	.2	.4	.4	.4	.0	.0	.4	.4
35.	.2	.0	.0	.0	.0	.1	.2	.2	.2	.2	.4	.4	.4	.0	.0	.4	.3
40.	.2	.0	.0	.0	.0	.2	.2	.3	.2	.2	.4	.4	.4	.0	.0	.4	.2
45.	.3	.1	.0	.0	.0	.2	.2	.3	.2	.2	.4	.4	.3	.0	.0	.3	.2
50.	.2	.1	.0	.0	.0	.2	.2	.2	.2	.2	.4	.4	.3	.0	.0	.3	.2
55.	.3	.1	.0	.0	.0	.2	.2	.2	.2	.2	.4	.4	.3	.0	.0	.3	.2
60.	.3	.0	.0	.0	.0	.2	.2	.1	.1	.2	.4	.4	.3	.0	.0	.3	.2
65.	.2	.0	.0	.0	.0	.2	.3	.1	.1	.2	.3	.4	.3	.0	.0	.2	.2
70.	.2	.0	.0	.0	.0	.2	.3	.0	.1	.2	.3	.4	.3	.0	.0	.2	.2
75.	.0	.0	.0	.0	.0	.2	.3	.0	.2	.2	.3	.4	.3	.0	.0	.2	.2
80.	.0	.0	.0	.0	.0	.2	.2	.0	.2	.2	.3	.4	.3	.0	.0	.2	.2
85.	.0	.0	.0	.0	.0	.2	.2	.0	.2	.2	.3	.4	.3	.0	.0	.2	.2
90.	.0	.0	.0	.0	.0	.2	.1	.0	.2	.0	.3	.4	.3	.0	.0	.2	.2
95.	.0	.0	.0	.0	.0	.2	.1	.2	.2	.1	.4	.4	.3	.0	.0	.2	.2
100.	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.4	.4	.3	.0	.0	.2	.2
105.	.1	.0	.0	.0	.0	.2	.3	.1	.1	.1	.4	.4	.3	.0	.0	.2	.2
110.	.0	.0	.0	.0	.0	.2	.3	.1	.0	.1	.5	.4	.3	.0	.0	.2	.3
115.	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.5	.4	.3	.0	.0	.2	.3
120.	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.4	.4	.3	.0	.0	.2	.2
125.	.0	.0	.0	.0	.0	.2	.3	.1	.1	.1	.4	.5	.3	.0	.0	.2	.2
130.	.0	.0	.0	.0	.0	.2	.3	.1	.1	.0	.4	.4	.3	.0	.0	.2	.2
135.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.3	.4	.3	.0	.0	.4	.2
140.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.4	.4	.4	.0	.0	.4	.3
145.	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.2	.4	.3	.0	.0	.4	.3
150.	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.2	.1	.2	.0	.0	.3	.3
155.	.0	.0	.0	.0	.0	.3	.4	.0	.0	.0	.1	.1	.2	.0	.0	.3	.3
160.	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.1	.1	.0	.0	.2	.2
165.	.0	.0	.0	.0	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2
170.	.0	.1	.2	.1	.1	.2	.3	.1	.0	.0	.0	.0	.0	.2	.0	.2	.2
175.	.0	.3	.2	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
180.	.0	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2
185.	.1	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
190.	.3	.6	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0
195.	.4	.5	.5	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
200.	.4	.5	.4	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
205.	.4	.5	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB15A

RUN: SITE 27 NB15AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.4	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
215.	.4	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
220.	.4	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
225.	.4	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
230.	.4	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
235.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
240.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
245.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
250.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
255.	.3	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
260.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
265.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.0	.0
270.	.3	.3	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.0	.0
275.	.2	.3	.4	.3	.3	.0	.0	.0	.0	.1	.1	.0	.0	.2	.2	.0	.0
280.	.2	.3	.4	.3	.3	.0	.0	.0	.0	.2	.1	.0	.0	.2	.2	.0	.0
285.	.2	.3	.4	.3	.3	.0	.0	.0	.0	.2	.1	.0	.0	.2	.0	.0	.0
290.	.2	.3	.4	.3	.3	.0	.0	.0	.0	.1	.2	.0	.0	.2	.0	.0	.0
295.	.2	.3	.4	.3	.3	.0	.0	.0	.0	.1	.2	.0	.0	.3	.1	.0	.0
300.	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.2	.0	.0	.2	.1	.0	.0
305.	.2	.3	.4	.4	.4	.0	.0	.0	.0	.1	.2	.0	.0	.2	.0	.0	.0
310.	.3	.4	.4	.4	.3	.0	.0	.0	.0	.1	.2	.0	.0	.2	.0	.0	.0
315.	.2	.3	.5	.4	.3	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0
320.	.2	.3	.5	.4	.3	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0
325.	.2	.3	.5	.4	.5	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0
330.	.1	.3	.5	.4	.5	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0
335.	.1	.4	.5	.4	.5	.0	.0	.0	.2	.1	.2	.1	.1	.0	.0	.0	.0
340.	.1	.4	.4	.4	.5	.0	.0	.0	.3	.1	.3	.1	.1	.0	.0	.0	.0

S27NB15A.OUT

345.	*	.1	.3	.4	.4	.4	.0	.0	.0	.3	.1	.4	.3	.2	.0	.0	.0	.0
350.	*	.1	.3	.3	.3	.5	.0	.0	.0	.3	.2	.3	.3	.3	.0	.0	.1	.1
355.	*	.2	.2	.2	.3	.5	.0	.0	.0	.2	.2	.3	.3	.3	.0	.0	.1	.1
360.	*	.2	.2	.1	.2	.2	.1	.1	.0	.2	.2	.4	.3	.4	.0	.0	.1	.2
MAX	*	.4	.6	.5	.4	.5	.3	.4	.3	.3	.2	.5	.5	.5	.3	.2	.4	.4
DEGR.	*	195	190	190	190	190	155	135	20	340	0	110	5	10	180	195	15	15

THE HIGHEST CONCENTRATION IS .60 PPM AT 190 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC5 .

1

JOB: I-270 /US15 CORRIDOR STUDY NB15A
 DATE: 01/20/2007 TIME: 00:02:14.89

RUN: SITE 27 NB15AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 195	REC2 190	REC3 190	REC4 190	REC5 190	REC6 155	REC7 135	REC8 20	REC9 340	REC10 0	REC11 110	REC12 5	REC13 10	REC14 180	REC15 195	REC16 15	REC17 15
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
26	*	.1	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB15A

RUN: SITE 27 NB15AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 195	REC2 190	REC3 190	REC4 190	REC5 190	REC6 155	REC7 135	REC8 20	REC9 340	REC10 0	REC11 110	REC12 5	REC13 10	REC14 180	REC15 195	REC16 15	REC17 15
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
51	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

S27NB15P.DAT									
I-270 /US15 CORRIDOR STUDY	NB15P	60.0175.0.0000.000170.30480000	11	1					
R1 SW CORNER ON RAMP	196657.	623969.	5.0						
R2 SW 25M S ON RAMP	196634.	623886.	5.0						
R3 SW 50M S ON RAMP	196633.	623814.	5.0						
R4 SW 75M S ON RAMP	196638.	623731.	5.0						
R5 SW 100M S ON RAMP	196635.	623627.	5.0						
R6 SB OFF RAMP	196518.	624062.	5.0						
R7 SB OFF RAMP	196532.	623928.	5.0						
R8 SB OFF RAMP	196460.	624262.	5.0						
R9 SB OFF RAMP	196348.	624487.	5.0						
R10 SB ON RAMP	196793.	624015.	5.0						
R11 SB ON RAMP	196962.	624006.	5.0						
R12 SB ON RAMP	197079.	623822.	5.0						
R13 SB ON RAMP	197227.	623485.	5.0						
R14 NB OFF RAMP	197451.	623580.	5.0						
R15 NB OFF RAMP	197472.	623893.	5.0						
R16 85 WB	196546.	623727.	5.0						
R17 85 WB	196555.	623544.	5.0						
SITE 27 NB15PM		57	1	1					
1	270 SB	AG196288.625210.196491.624946.	3975. 2.9	0.44.0 34					
2	270 SB	AG196490.624947.196673.624676.	3975. 2.9	0.44.0 34					
3	270 SB	AG196673.624676.196877.624349.	2225. 4.1	0.44.0 58					
4	270 SB	AG196877.624349.197070.624013.	2225. 4.1	0.44.0 58					
5	270 SB	AG197070.624013.197233.623678.	2225. 4.1	0.44.0 58					
6	270 SB	AG197233.623678.197445.623169.	2225. 4.1	0.44.0 58					
7	270 SB	AG197445.623169.197616.622670.	2225. 4.1	0.44.0 58					
8	270 NB	AG197411.623413.197566.623006.	4550. 4.2	0.44.0 59					
9	270 NB	AG197566.623006.197678.622679.	4550. 4.2	0.44.0 59					
10	270 NB	AG197411.623410.197232.623835.	4550. 4.2	0.44.0 59					
11	270 NB	AG197233.623832.197144.624013.	4550. 4.2	0.44.0 59					
12	270 NB	AG197145.624011.196936.624369.	4150. 4.2	0.44.0 59					
13	270 NB	AG196936.624368.196694.624752.	4150. 4.2	0.44.0 59					
14	270 NB	AG196695.624751.196358.625250.	4150. 4.2	0.44.0 59					
15	270 SB OFF	AG196033.625198.196112.625013.	1500. 2.9	0.44.0 30					
16	270 SB OFF	AG196115.625011.196320.624584.	1500. 2.9	0.44.0 30					
17	270 SB OFF	AG196321.624584.196403.624475.	1500. 2.9	0.44.0 30					
18	270 SB OFF	AG196407.624472.196475.624384.	1500. 2.9	0.44.0 30					
19	270 SB OFF	AG196475.624384.196522.624279.	1500. 2.9	0.44.0 30					
20	270 SB OFF	AG196522.624279.196560.624070.	1500. 2.9	0.44.0 30					
21	85 WB	AG196562.624068.196597.623528.	2650. 3.2	0.50.0 40					
22	85 WB	AG196600.623524.196601.623214.	2650. 3.2	0.50.0 40					
23	85 WB	AG196601.623214.196532.622887.	2650. 3.2	0.50.0 40					
24	85 EB	AG196546.622890.196617.623210.	1375. 3.2	0.50.0 40					
25	85 EB	AG196617.623210.196607.623656.	1375. 3.2	0.50.0 40					
26	85 EB	AG196610.623653.196590.623910.	1375. 3.2	0.50.0 40					
27	85 EB	AG196590.623907.196573.624203.	1200. 3.2	0.50.0 40					
28	85 EB	AG196582.624205.196550.624779.	1200. 3.2	0.50.0 40					
29	85 EB	AG196552.624778.196527.625236.	1200. 3.2	0.50.0 40					
30	85 WB	AG196511.625230.196531.624774.	975. 3.2	0.50.0 40					
31	85 WB	AG196539.624773.196569.624202.	975. 3.2	0.50.0 40					
32	85 WB ON	RAG196519.624774.196507.624634.	1475. 3.2	0.44.0 40					
33	85 WB ON	RAG196507.624634.196464.624587.	1475. 3.2	0.44.0 40					
34	85 WB ON	RAG196464.624587.196396.624578.	1475. 3.2	0.44.0 40					
35	85 WB ON	RAG196396.624578.196338.624613.	1475. 3.2	0.44.0 40					
36	85 WB ON	RAG196338.624613.196083.625143.	1475. 3.2	0.44.0 40					
37	270 SB OFF	AG196861.624341.196900.624263.	700. 2.9	0.44.0 34					
38	270 SB OFF	AG196900.624263.196899.624183.	700. 2.9	0.44.0 34					
39	270 SB OFF	AG196899.624183.196831.624092.	700. 2.9	0.44.0 34					
40	270 SB OFF	AG196831.624092.196731.624071.	700. 2.9	0.44.0 34					
41	270 SB OFF	AG196731.624071.196642.624113.	700. 2.9	0.44.0 34					
42	270 SB OFF	AG196642.624113.196583.624210.	700. 2.9	0.44.0 34					
43	270 NB OFF	AG197151.624008.197101.624125.	400. 3.5	0.44.0 56					

44	270 NB OFFAG197101.624125.197041.624262.	400. 3.5	S27NB15P.DAT 0.44.0	56
45	270 NB OFFAG197041.624262.197025.624394.	400. 3.5	0.44.0	56
46	270 NB OFFAG197025.624394.197040.624558.	400. 3.5	0.44.0	56
47	270 NB OFFAG197040.624558.197024.624693.	400. 3.5	0.44.0	56
48	270 NB OFFAG197025.624689.196915.624932.	400. 3.6	0.44.0	56
49	270 NB OFFAG196915.624932.196745.625282.	400. 3.6	0.44.0	56
50	270 ON RMPAG196605.623753.196611.623932.	450. 3.7	0.44.0	58
51	270 ON RMPAG196611.623932.196656.624000.	450. 3.7	0.44.0	58
52	270 ON RMPAG196656.624000.196731.624044.	450. 3.7	0.44.0	58
53	270 ON RMPAG196731.624044.196915.624054.	450. 3.7	0.44.0	58
54	270 ON RMPAG196915.624054.197026.624006.	450. 3.7	0.44.0	58
55	270 ON RMPAG197026.624006.197090.623923.	450. 3.7	0.44.0	58
56	270 ON RMPAG197090.623923.197238.623624.	450. 3.7	0.44.0	58
57	270 ON RMPAG197238.623624.197293.623533.	450. 3.7	0.44.0	58
1.0	0.4 1000. 0.0Y 5 0 72			

JOB: I-270 /US15 CORRIDOR STUDY NB15P
DATE: 01/20/2007 TIME: 00:12:27.81

RUN: SITE 27 NB15PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	3975.	2.9	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	3975.	2.9	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	2225.	4.1	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	2225.	4.1	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	2225.	4.1	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	2225.	4.1	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	2225.	4.1	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	4550.	4.2	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	4550.	4.2	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	4550.	4.2	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	4550.	4.2	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	4150.	4.2	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	4150.	4.2	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	4150.	4.2	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	1500.	2.9	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	1500.	2.9	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	1500.	2.9	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	1500.	2.9	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	1500.	2.9	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	1500.	2.9	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	2650.	3.2	.0	50.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	2650.	3.2	.0	50.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	2650.	3.2	.0	50.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	1375.	3.2	.0	50.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	1375.	3.2	.0	50.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	1375.	3.2	.0	50.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	1200.	3.2	.0	50.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	1200.	3.2	.0	50.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	1200.	3.2	.0	50.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	975.	3.2	.0	50.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	975.	3.2	.0	50.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	1475.	3.2	.0	44.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	1475.	3.2	.0	44.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	1475.	3.2	.0	44.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	1475.	3.2	.0	44.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	1475.	3.2	.0	44.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	700.	2.9	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	700.	2.9	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	700.	2.9	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	700.	2.9	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	700.	2.9	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	700.	2.9	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	400.	3.5	.0	44.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	400.	3.5	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB15P
DATE: 01/20/2007 TIME: 00:12:27.81

RUN: SITE 27 NB15PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	400.	3.5	.0	44.0	
46. 46	270 NB OFF*	197025.0	624394.0	197040.0	624558.0	*	165.	5. AG	400.	3.5	.0	44.0	
47. 47	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	400.	3.5	.0	44.0	
48. 48	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	400.	3.6	.0	44.0	
49. 49	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	400.	3.6	.0	44.0	
50. 50	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	450.	3.7	.0	44.0	
51. 51	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	450.	3.7	.0	44.0	
52. 52	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	450.	3.7	.0	44.0	
53. 53	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	450.	3.7	.0	44.0	
54. 54	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	450.	3.7	.0	44.0	
55. 55	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	450.	3.7	.0	44.0	
56. 56	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	450.	3.7	.0	44.0	
57. 57	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	450.	3.7	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB15P
DATE: 01/20/2007 TIME: 00:12:27.81

RUN: SITE 27 NB15PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27NB15P.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY NB15P

RUN: SITE 27 NB15PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	.1	.0	.0	.2	.2	.2	.3	.1	.2	.2	.4	.4	.4	.0	.0	.2	.2
5.	.1	.0	.0	.2	.2	.4	.3	.1	.2	.2	.4	.3	.5	.0	.0	.3	.4
10.	.1	.1	.1	.1	.1	.4	.3	.2	.2	.1	.4	.5	.3	.0	.0	.4	.4
15.	.1	.1	.1	.1	.0	.2	.4	.2	.2	.1	.4	.4	.3	.0	.0	.4	.4
20.	.1	.1	.1	.0	.0	.3	.4	.3	.2	.3	.4	.4	.4	.0	.0	.5	.5
25.	.1	.1	.0	.0	.0	.3	.5	.3	.3	.2	.4	.5	.4	.0	.0	.4	.5
30.	.1	.0	.0	.1	.1	.3	.5	.4	.3	.3	.4	.4	.4	.0	.0	.4	.4
35.	.0	.0	.1	.1	.1	.3	.5	.3	.3	.3	.4	.4	.3	.0	.0	.4	.4
40.	.1	.1	.1	.1	.1	.3	.4	.3	.3	.3	.4	.4	.3	.0	.0	.5	.4
45.	.1	.1	.1	.1	.1	.3	.4	.3	.3	.3	.4	.4	.4	.0	.0	.5	.3
50.	.1	.1	.1	.1	.0	.2	.4	.3	.3	.3	.4	.4	.4	.0	.0	.4	.3
55.	.1	.1	.1	.1	.0	.2	.4	.3	.2	.3	.4	.4	.4	.0	.0	.4	.3
60.	.1	.1	.1	.0	.0	.3	.4	.3	.2	.3	.4	.4	.4	.0	.0	.3	.3
65.	.1	.1	.0	.0	.0	.3	.4	.3	.2	.3	.4	.4	.3	.0	.0	.3	.3
70.	.1	.1	.0	.0	.0	.4	.4	.2	.2	.2	.4	.4	.3	.0	.0	.3	.3
75.	.1	.0	.0	.0	.0	.4	.4	.2	.2	.2	.3	.4	.4	.0	.0	.3	.4
80.	.1	.0	.1	.0	.1	.4	.3	.3	.2	.2	.4	.4	.4	.0	.0	.3	.4
85.	.0	.1	.0	.1	.1	.3	.3	.2	.2	.1	.5	.4	.4	.0	.0	.3	.4
90.	.1	.1	.0	.1	.1	.3	.3	.2	.2	.2	.4	.4	.4	.0	.0	.4	.4
95.	.1	.0	.1	.1	.1	.3	.3	.2	.2	.1	.3	.5	.4	.0	.0	.4	.3
100.	.1	.1	.1	.1	.1	.3	.3	.2	.2	.2	.3	.4	.4	.0	.0	.4	.3
105.	.1	.1	.1	.1	.0	.3	.4	.2	.3	.2	.3	.4	.5	.0	.0	.4	.3
110.	.1	.1	.1	.1	.0	.3	.4	.1	.3	.3	.3	.4	.4	.0	.0	.3	.3
115.	.1	.1	.1	.0	.0	.4	.4	.1	.3	.3	.4	.4	.4	.0	.0	.3	.3
120.	.1	.1	.0	.0	.0	.4	.3	.1	.2	.2	.3	.4	.5	.0	.0	.3	.3
125.	.1	.0	.0	.0	.0	.3	.3	.1	.1	.1	.3	.3	.4	.0	.0	.4	.4
130.	.0	.0	.0	.0	.0	.3	.4	.1	.1	.1	.3	.4	.4	.0	.0	.4	.4
135.	.0	.0	.0	.0	.0	.3	.4	.1	.1	.1	.2	.5	.4	.0	.0	.4	.3
140.	.0	.0	.0	.0	.0	.4	.4	.2	.0	.0	.3	.5	.3	.0	.0	.5	.3
145.	.0	.0	.0	.0	.0	.4	.4	.2	.0	.0	.4	.3	.4	.0	.0	.4	.3
150.	.0	.0	.0	.0	.0	.4	.4	.3	.0	.0	.3	.3	.4	.0	.0	.4	.3
155.	.0	.0	.0	.0	.0	.4	.4	.2	.0	.0	.0	.2	.4	.1	.0	.4	.3
160.	.0	.0	.0	.0	.0	.4	.4	.1	.0	.0	.0	.1	.0	.2	.0	.5	.4
165.	.0	.0	.0	.0	.1	.4	.4	.1	.0	.0	.0	.0	.0	.3	.0	.4	.3
170.	.0	.0	.0	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	.4	.1	.4	.3
175.	.0	.2	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.4	.1	.3	.4
180.	.1	.2	.4	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.5	.2	.2	.2
185.	.2	.3	.4	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1
190.	.2	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0
195.	.2	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
200.	.2	.4	.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
205.	.3	.4	.4	.4	.5	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB15P

RUN: SITE 27 NB15PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
210.	.3	.4	.4	.4	.5	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0
215.	.4	.4	.4	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
220.	.3	.4	.4	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
225.	.2	.4	.4	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
230.	.2	.4	.4	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
235.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
240.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
245.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
250.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
255.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.3	.0	.0
260.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.3	.0	.0
265.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
270.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
275.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
280.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0
285.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
290.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
295.	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
300.	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0
305.	.3	.5	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0
310.	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0
315.	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
320.	.3	.4	.4	.4	.5	.0	.0	.0	.0	.0	.1	.0	.0	.5	.0	.0	.0
325.	.3	.3	.4	.4	.5	.0	.0	.0	.1	.0	.1	.0	.0	.3	.0	.0	.0
330.	.3	.3	.4	.4	.5	.0	.0	.0	.2	.0	.1	.1	.0	.3	.0	.0	.0
335.	.2	.2	.5	.4	.5	.0	.0	.0	.3	.0	.4	.3	.1	.2	.0	.0	.0
340.	.2	.2	.5	.4	.6	.0	.0	.0	.3	.1	.5	.3	.2	.0	.0	.0	.0

S27NB15P.OUT

345.	*	.1	.2	.4	.3	.5	.0	.0	.0	.3	.1	.4	.3	.3	.0	.0	.1	.1
350.	*	.2	.2	.4	.2	.5	.0	.0	.0	.3	.2	.4	.5	.4	.0	.0	.1	.1
355.	*	.1	.2	.2	.2	.3	.2	.1	.1	.3	.2	.4	.4	.5	.0	.0	.1	.2
360.	*	.1	.0	.0	.2	.2	.2	.3	.1	.2	.2	.4	.4	.4	.0	.0	.2	.2
MAX	*	.4	.5	.5	.5	.6	.4	.5	.4	.3	.3	.5	.5	.5	.5	.3	.5	.5
DEGR.	*	215	300	190	195	340	5	25	30	25	20	85	10	5	180	190	20	20

THE HIGHEST CONCENTRATION IS .60 PPM AT 340 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 300 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC3 .

1

JOB: I-270 /US15 CORRIDOR STUDY NB15P
 DATE: 01/20/2007 TIME: 00:12:27.81

RUN: SITE 27 NB15PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 215	REC2 300	REC3 190	REC4 195	REC5 340	REC6 5	REC7 25	REC8 30	REC9 25	REC10 20	REC11 85	REC12 10	REC13 5	REC14 180	REC15 190	REC16 20	REC17 20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0
14	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.2	.2	.2	.2	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
22	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
26	*	.1	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
27	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB15P

RUN: SITE 27 NB15PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 215	REC2 300	REC3 190	REC4 195	REC5 340	REC6 5	REC7 25	REC8 30	REC9 25	REC10 20	REC11 85	REC12 10	REC13 5	REC14 180	REC15 190	REC16 20	REC17 20
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

			S27B115A					
S27	B115AM	270&85	60.0108.0.0000.000170.30480000	11	1			
R1	SW CORNER ON RAMP	196665.	623968.	6.0				
R2	SW 25M S ON RAMP	196665.	623886.	6.0				
R3	SW 50M S ON RAMP	196672.	623814.	6.0				
R4	SW 75M S ON RAMP	196678.	623729.	6.0				
R5	SW 100M S ON RAMP	196683.	623623.	6.0				
R6	SB OFF RAMP	196477.	624062.	6.0				
196479.		196484.	623923.	6.0				
R8	SB OFF RAMP	196456.	624295.	6.0				
196453.		624315.	624487.	6.0				
R10	SB ON RAMP	196793.	624015.	6.0				
R11	SB ON RAMP	196962.	624006.	6.0				
R12	SB ON RAMP	197079.	623822.	6.0				
R13	SB ON RAMP	197227.	623485.	6.0				
R14	NB OFF RAMP	197451.	623580.	6.0				
R15	NB OFF RAMP	197472.	623893.	6.0				
R16	85 WB	196505.	623726.	6.0				
R17	85 WB	196516.	623544.	6.0				
S27	B115AM		33	1	0			
1								
1	WB 85	AG196545.625070.196620.623698.	1475	3.2	0	80	40.	
0	1	WB 85	AG196620.623698.196607.623077.	1475	3.2	0	80	40.
1	1	EB 85	AG196536.623084.196573.623667.	1825	3.2	0	56	40.
0	1	EB 85	AG196573.623667.196477.625064.	1825	3.2	0	56	40.
1	1	Ramp bwt85AG197083.623888.196989.624015.	1450	3.2	0	32	40.	
0	1	Ramp bwt85AG196989.624015.196893.624065.	1450	3.2	0	32	40.	
0	1	Ramp bwt85AG196893.624065.196623.624055.	1450	3.2	0	32	40.	
1	1	NB 270	AG196471.625061.196797.624568.	2200	4.2	0	68	60.
0	1	NB 270	AG196797.624568.197213.623841.	2200	4.2	0	68	60.
0	1	NB 270	AG197213.623841.197393.623435.	2200	4.2	0	68	60.
0	1	SB 270	AG197334.623363.196943.624192.	5175	4.3	0	68	61.
0	1	SB 270	AG196943.624192.196387.625043.	5175	4.3	0	68	61.
1	1	NB 270 to	AG196902.625034.197140.624523.	250	3.2	0	68	40.
0	1	NB 270 to	AG197140.624523.197258.623939.	250	3.2	0	68	40.
0	1	NB 270 to	AG197258.623939.197344.623646.	250	3.2	0	68	40.
0	1	NB 270 to	AG196638.625076.196737.624806.	325	3.2	0	68	40.
0	1	NB 270 to	AG196737.624806.197199.623946.	325	3.2	0	68	40.
0	1	NB 270 to	AG197199.623946.197423.623477.	325	3.2	0	68	40.
0	1	S Cir	AG196704.625067.196865.624859.	525	3.2	0	68	40.
0	1	S Cir	AG196865.624859.197019.624687.	525	3.2	0	68	40.
0	1	S Cir	AG197019.624687.197075.624522.	525	3.2	0	68	40.
0	1	S Cir	AG197075.624522.197050.624339.	525	3.2	0	68	40.
0	1	S Cir	AG197050.624339.196915.624189.	525	3.2	0	68	40.
0	1	S Cir	AG196915.624189.196740.624131.	525	3.2	0	68	40.
0	1	S Cir	AG196740.624131.196527.624181.	525	3.2	0	68	40.
0	1	S Cir	AG196527.624181.196392.624335.	525	3.2	0	68	40.
0	1	S Cir	AG196392.624335.196323.624487.	525	3.2	0	68	40.
0	1	S Cir	AG196323.624487.196103.624932.	525	3.2	0	68	40.
1	1	SB to 85	AG196486.624233.196457.624516.	1450	3.2	0	44	40.
0	1	SB to 85	AG196457.624516.196405.624718.	1450	3.2	0	44	40.
1	1	from N CirSB to 85	AG196394.624714.196323.624855.	250	3.2	0	32	40.
1	1	from N CirSB to 85	AG196323.624855.196213.624992.	250	3.2	0	32	40.
1	1	from 270 SB to 85	AG196413.624722.196309.625022.	1075	3.2	0	32	40.
1.0	0.4	1000. 0.0Y	5	0	72			

JOB: S27 B115AM 270&85
DATE: 01/19/2007 TIME: 23:37:36.95

RUN: S27 B115AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	1475.	3.2	.0	80.0	
2. WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	1475.	3.2	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1825.	3.2	.0	56.0	
4. EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1825.	3.2	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	1450.	3.2	.0	32.0	
6. Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	1450.	3.2	.0	32.0	
7. Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	1450.	3.2	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	2200.	4.2	.0	68.0	
9. NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	2200.	4.2	.0	68.0	
10. NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	2200.	4.2	.0	68.0	
11. SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	5175.	4.3	.0	68.0	
12. SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	5175.	4.3	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	250.	3.2	.0	68.0	
14. NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	250.	3.2	.0	68.0	
15. NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	250.	3.2	.0	68.0	
16. NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	325.	3.2	.0	68.0	
17. NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	325.	3.2	.0	68.0	
18. NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	325.	3.2	.0	68.0	
19. S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	525.	3.2	.0	68.0	
20. S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	525.	3.2	.0	68.0	
21. S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	525.	3.2	.0	68.0	
22. S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	525.	3.2	.0	68.0	
23. S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	525.	3.2	.0	68.0	
24. S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	525.	3.2	.0	68.0	
25. S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	525.	3.2	.0	68.0	
26. S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	525.	3.2	.0	68.0	
27. S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	525.	3.2	.0	68.0	
28. S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	525.	3.2	.0	68.0	
29. SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	1450.	3.2	.0	44.0	
30. SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	1450.	3.2	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	250.	3.2	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	250.	3.2	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1075.	3.2	.0	32.0	

JOB: S27 B115AM 270&85
DATE: 01/19/2007 TIME: 23:37:36.95

RUN: S27 B115AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B115AM 270&85

RUN: S27 B115AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	*	.4	.2	.2	.2	.3	.2	.4	.0	.3	.9	1.2	1.0	.0	.0	.3	.3
5.	*	.3	.2	.1	.1	.1	.4	.3	.4	.0	.4	.8	1.1	.9	.0	.0	.4
10.	*	.3	.1	.1	.1	.1	.3	.3	.6	.0	.4	.8	.9	.8	.0	.0	.4
15.	*	.3	.1	.1	.1	.1	.4	.4	.7	.0	.4	.7	.9	.8	.0	.0	.4
20.	*	.3	.1	.1	.1	.1	.3	.3	.7	.0	.4	.7	.8	.8	.0	.0	.4

S27B115A

25.	*	.2	.1	.1	.1	.2	.3	.3	.6	.0	.4	.7	.8	.7	.0	.0	.4	.4
30.	*	.3	.2	.1	.2	.1	.3	.3	.6	.0	.4	.7	.8	.7	.0	.0	.3	.3
35.	*	.3	.2	.2	.1	.1	.3	.3	.5	.0	.4	.7	.7	.7	.0	.0	.3	.3
40.	*	.3	.3	.1	.1	.1	.3	.3	.5	.0	.4	.7	.7	.7	.0	.0	.3	.4
45.	*	.3	.2	.1	.1	.1	.3	.3	.5	.0	.4	.7	.7	.7	.0	.0	.3	.4
50.	*	.4	.2	.1	.1	.1	.3	.3	.5	.0	.4	.7	.7	.7	.0	.0	.3	.4
55.	*	.4	.2	.1	.1	.1	.3	.3	.4	.0	.4	.7	.7	.7	.0	.0	.3	.4
60.	*	.3	.2	.1	.1	.1	.3	.4	.4	.0	.4	.7	.8	.7	.0	.0	.3	.3
65.	*	.2	.2	.1	.1	.1	.3	.3	.4	.0	.4	.7	.8	.7	.0	.0	.3	.3
70.	*	.2	.1	.1	.1	.1	.3	.3	.4	.0	.3	.8	.8	.7	.0	.0	.3	.3
75.	*	.2	.1	.1	.1	.1	.4	.3	.5	.0	.3	.8	.7	.7	.0	.0	.3	.3
80.	*	.2	.1	.1	.1	.1	.3	.3	.6	.0	.3	.8	.8	.6	.0	.0	.3	.3
85.	*	.3	.1	.1	.1	.1	.4	.3	.6	.0	.3	.8	.8	.6	.0	.0	.3	.3
90.	*	.3	.1	.1	.1	.1	.4	.3	.5	.0	.3	.8	.7	.7	.0	.0	.3	.3
95.	*	.2	.1	.1	.1	.1	.4	.3	.5	.0	.3	.8	.7	.7	.0	.0	.3	.3
100.	*	.2	.1	.1	.1	.1	.3	.3	.6	.0	.3	.7	.8	.7	.0	.0	.2	.3
105.	*	.2	.1	.1	.1	.1	.3	.3	.6	.0	.3	.7	.8	.7	.0	.0	.2	.2
110.	*	.2	.1	.1	.1	.1	.3	.3	.5	.0	.2	.9	.9	.8	.0	.0	.2	.2
115.	*	.2	.1	.1	.1	.1	.3	.3	.4	.0	.2	.9	.9	.7	.0	.0	.3	.2
120.	*	.2	.1	.1	.1	.0	.3	.3	.5	.0	.3	.9	.9	.7	.0	.0	.2	.2
125.	*	.1	.1	.1	.0	.0	.3	.3	.5	.0	.3	1.0	1.0	.7	.0	.0	.2	.2
130.	*	.1	.1	.0	.0	.0	.3	.2	.5	.0	.3	.8	1.1	.7	.0	.0	.2	.3
135.	*	.1	.0	.0	.0	.0	.2	.2	.6	.0	.2	.9	1.2	.6	.0	.0	.3	.3
140.	*	.0	.0	.0	.0	.0	.2	.2	.6	.0	.2	.8	1.2	.6	.0	.0	.2	.3
145.	*	.0	.0	.0	.0	.0	.2	.2	.5	.0	.1	.8	1.2	.5	.0	.0	.2	.3
150.	*	.0	.0	.0	.0	.0	.2	.1	.5	.0	.1	.5	1.0	.4	.0	.0	.2	.3
155.	*	.0	.0	.0	.0	.0	.2	.1	.4	.0	.0	.3	.8	.2	.0	.0	.2	.3
160.	*	.0	.0	.0	.0	.0	.1	.2	.4	.0	.0	.2	.6	.1	.0	.0	.2	.3
165.	*	.0	.0	.0	.0	.0	.1	.3	.3	.0	.0	.1	.4	.1	.0	.0	.2	.3
170.	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.3	.0	.0	.0	.2	.3
175.	*	.0	.0	.1	.0	.0	.0	.1	.3	.0	.0	.0	.2	.0	.0	.0	.1	.2
180.	*	.2	.2	.1	.1	.1	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.2	.3	.2	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
190.	*	.3	.3	.3	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0
195.	*	.2	.3	.3	.2	.2	.0	.0	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0
200.	*	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
205.	*	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0

1

JOB: S27 B115AM 270&85

RUN: S27 B115AM

PAGE 4

WIND * CONCENTRATION																		
ANGLE	*	(PPM)																
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0
215.	*	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
220.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
225.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0
230.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0
235.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
240.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
245.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
250.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
255.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.3	.1	.0	.0
260.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.3	.1	.0	.0
265.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.0	.0	.0	.3	.2	.0	.0
270.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.0	.0	.0	.3	.2	.0	.0
275.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.1	.0	.0	.3	.2	.0	.0
280.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.1	.0	.0	.3	.2	.0	.0
285.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.1	.1	.0	.3	.2	.0	.0
290.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.1	.1	.1	.0	.3	.2	.0	.0
295.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.2	.2	.1	.0	.3	.3	.0	.0
300.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.2	.1	.0	.4	.3	.0	.0
305.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.2	.1	.0	.3	.3	.0	.0
310.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.3	.2	.1	.0	.5	.2	.0	.0
315.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.3	.3	.2	.1	.5	.2	.0	.0
320.	*	.2	.2	.2	.2	.3	.0	.0	.0	.0	.3	.3	.3	.1	.5	.1	.0	.0
325.	*	.2	.2	.2	.2	.3	.0	.0	.0	.0	.3	.4	.6	.3	.4	.1	.0	.0
330.	*	.2	.3	.3	.3	.3	.0	.0	.0	.0	.4	.5	.9	.5	.3	.0	.0	.0
335.	*	.3	.3	.3	.3	.2	.0	.0	.0	.0	.4	.7	1.2	.8	.2	.0	.0	.0
340.	*	.4	.3	.3	.3	.2	.0	.0	.1	.0	.4	.9	1.3	1.0	.0	.0	.0	.0
345.	*	.5	.4	.4	.4	.3	.0	.0	.1	.0	.3	.9	1.4	1.1	.0	.0	.0	.0
350.	*	.4	.4	.4	.3	.3	.0	.0	.2	.0	.4	.9	1.3	1.0	.0	.0	.1	.1
355.	*	.4	.3	.3	.3	.3	.2	.4	.0	.3	.9	1.3	1.1	.0	.0	.0	.2	.2
360.	*	.4	.2	.2	.2	.2	.3	.2	.4	.0	.3	.9	1.2	1.0	.0	.0	.3	.3
MAX	*	.5	.4	.4	.4	.3	.4	.4	.7	.0	.4	1.0	1.4	1.1	.5	.3	.4	.4
DEGR.	*	345	345	345	345	320	5	15	15	0	5	125	345	345	310	295	5	15

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 345 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 125 DEGREES FROM REC11.

			S27B115P					
S27 B115PM 270&85			60.0108.0.0000.000170.30480000	11	1			
R1 SW CORNER ON RAMP	196665.	623968.	6.0					
R2 SW 25M S ON RAMP	196665.	623886.	6.0					
R3 SW 50M S ON RAMP	196672.	623814.	6.0					
R4 SW 75M S ON RAMP	196678.	623729.	6.0					
R5 SW 100M S ON RAMP	196683.	623623.	6.0					
R6 SB OFF RAMP	196477.	624062.	6.0					
196479.	196484.	623923.	6.0					
R8 SB OFF RAMP	196456.	624295.	6.0					
196453.	624315.	624487.	6.0					
R10 SB ON RAMP	196793.	624015.	6.0					
R11 SB ON RAMP	196962.	624006.	6.0					
R12 SB ON RAMP	197079.	623822.	6.0					
R13 SB ON RAMP	197227.	623485.	6.0					
R14 NB OFF RAMP	197451.	623580.	6.0					
R15 NB OFF RAMP	197472.	623893.	6.0					
R16 85 WB	196505.	623726.	6.0					
R17 85 WB	196516.	623544.	6.0					
S27 B115PM			33	1	0			
1	WB 85	AG196545.625070.196620.623698.	2550 3.2	0	80	40.		
0	1	WB 85	AG196620.623698.196607.623077.	2550 3.2	0	80	40.	
1	EB 85	AG196536.623084.196573.623667.	1350 3.2	0	56	40.		
0	1	EB 85	AG196573.623667.196477.625064.	1350 3.2	0	56	40.	
1	Ramp bwt85	AG197083.623888.196989.624015.	450 3.2	0	32	40.		
0	1	Ramp bwt85	AG196989.624015.196893.624065.	450 3.2	0	32	40.	
0	1	Ramp bwt85	AG196893.624065.196623.624055.	450 3.2	0	32	40.	
1	NB 270	AG196471.625061.196797.624568.	5275 4.2	0	68	60.		
0	1	NB 270	AG196797.624568.197213.623841.	5275 4.2	0	68	60.	
0	1	NB 270	AG197213.623841.197393.623435.	5275 4.2	0	68	60.	
0	1	SB 270	AG197334.623363.196943.624192.	2500 4.3	0	68	61.	
0	1	SB 270	AG196943.624192.196387.625043.	2500 4.3	0	68	61.	
1	NB 270 to	AG196902.625034.197140.624523.	775 3.2	0	68	40.		
0	1	NB 270 to	AG197140.624523.197258.623939.	775 3.2	0	68	40.	
0	1	NB 270 to	AG197258.623939.197344.623646.	775 3.2	0	68	40.	
0	1	NB 270 to	AG196638.625076.196737.624806.	500 3.2	0	68	40.	
0	1	NB 270 to	AG196737.624806.197199.623946.	500 3.2	0	68	40.	
0	1	NB 270 to	AG197199.623946.197423.623477.	500 3.2	0	68	40.	
0	1	S Cir	AG196704.625067.196865.624859.	925 3.2	0	68	40.	
0	1	S Cir	AG196865.624859.197019.624687.	925 3.2	0	68	40.	
0	1	S Cir	AG197019.624687.197075.624522.	925 3.2	0	68	40.	
0	1	S Cir	AG197075.624522.197050.624339.	925 3.2	0	68	40.	
0	1	S Cir	AG197050.624339.196915.624189.	925 3.2	0	68	40.	
0	1	S Cir	AG196915.624189.196740.624131.	925 3.2	0	68	40.	
0	1	S Cir	AG196740.624131.196527.624181.	925 3.2	0	68	40.	
0	1	S Cir	AG196527.624181.196392.624335.	925 3.2	0	68	40.	
0	1	S Cir	AG196392.624335.196323.624487.	925 3.2	0	68	40.	
0	1	S Cir	AG196323.624487.196103.624932.	925 3.2	0	68	40.	
1	SB to 85	AG196486.624233.196457.624516.	450 3.2	0	44	40.		
0	1	SB to 85	AG196457.624516.196405.624718.	450 3.2	0	44	40.	
1	from N Cir	SB to 85	AG196394.624714.196323.624855.	775 3.2	0	32	40.	
1	from N Cir	SB to 85	AG196323.624855.196213.624992.	775 3.2	0	32	40.	
1	from 270	SB to 85	AG196413.624722.196309.625022.	1475 3.2	0	32	40.	
1.0	0.4	1000. 0.0Y	5	0	72			

JOB: S27 B115PM 270&85
DATE: 01/19/2007 TIME: 23:43:03.98

RUN: S27 B115PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	2550.	3.2	.0	80.0	
2. 0 WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	2550.	3.2	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1350.	3.2	.0	56.0	
4. 0 EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1350.	3.2	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	450.	3.2	.0	32.0	
6. 0 Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	450.	3.2	.0	32.0	
7. 0 Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	450.	3.2	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	5275.	4.2	.0	68.0	
9. 0 NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	5275.	4.2	.0	68.0	
10. 0 NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	5275.	4.2	.0	68.0	
11. 0 SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	2500.	4.3	.0	68.0	
12. 0 SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	2500.	4.3	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	775.	3.2	.0	68.0	
14. 0 NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	775.	3.2	.0	68.0	
15. 0 NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	775.	3.2	.0	68.0	
16. 0 NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	500.	3.2	.0	68.0	
17. 0 NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	500.	3.2	.0	68.0	
18. 0 NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	500.	3.2	.0	68.0	
19. 0 S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	925.	3.2	.0	68.0	
20. 0 S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	925.	3.2	.0	68.0	
21. 0 S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	925.	3.2	.0	68.0	
22. 0 S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	925.	3.2	.0	68.0	
23. 0 S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	925.	3.2	.0	68.0	
24. 0 S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	925.	3.2	.0	68.0	
25. 0 S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	925.	3.2	.0	68.0	
26. 0 S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	925.	3.2	.0	68.0	
27. 0 S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	925.	3.2	.0	68.0	
28. 0 S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	925.	3.2	.0	68.0	
29. 0 SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	450.	3.2	.0	44.0	
30. 0 SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	450.	3.2	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	775.	3.2	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	775.	3.2	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1475.	3.2	.0	32.0	

JOB: S27 B115PM 270&85
DATE: 01/19/2007 TIME: 23:43:03.98

RUN: S27 B115PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B115PM 270&85

RUN: S27 B115PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.3	.4	.3	.3	.3	.3	.3	.5	.0	.3	.6	.9	.7	.0	.0	.3	.2
5.	*	.3	.3	.3	.3	.4	.4	.4	.5	.0	.3	.5	.8	.8	.0	.0	.3	.3
10.	*	.3	.3	.3	.2	.2	.4	.4	.5	.0	.3	.6	.7	.7	.0	.0	.4	.4
15.	*	.3	.2	.2	.2	.1	.4	.4	.5	.0	.3	.6	.7	.6	.0	.0	.5	.2
20.	*	.2	.2	.2	.1	.1	.4	.4	.5	.0	.3	.6	.7	.6	.0	.0	.4	.4

S27B115P

25.	*	.2	.2	.2	.1	.1	.4	.5	.5	.0	.3	.6	.6	.6	.0	.0	.4	.5
30.	*	.2	.2	.1	.1	.1	.4	.4	.5	.0	.3	.6	.6	.6	.0	.0	.3	.4
35.	*	.2	.1	.1	.1	.1	.4	.4	.5	.0	.3	.5	.6	.6	.0	.0	.3	.4
40.	*	.2	.1	.1	.2	.2	.4	.4	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
45.	*	.1	.1	.2	.2	.2	.4	.3	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
50.	*	.1	.2	.2	.2	.2	.4	.3	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
55.	*	.1	.2	.2	.2	.2	.4	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
60.	*	.2	.2	.2	.2	.2	.4	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
65.	*	.2	.2	.2	.2	.2	.3	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.2
70.	*	.2	.2	.2	.2	.2	.3	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
75.	*	.2	.2	.2	.2	.2	.3	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
80.	*	.2	.2	.2	.2	.2	.3	.4	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
85.	*	.2	.2	.2	.2	.2	.3	.4	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
90.	*	.2	.2	.2	.2	.2	.4	.4	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
95.	*	.2	.3	.2	.2	.2	.4	.4	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
100.	*	.3	.2	.2	.2	.2	.4	.4	.3	.0	.3	.6	.6	.5	.0	.0	.3	.2
105.	*	.3	.2	.2	.2	.1	.4	.4	.3	.0	.2	.6	.6	.5	.0	.0	.4	.2
110.	*	.2	.2	.2	.2	.0	.4	.4	.4	.0	.3	.6	.7	.4	.0	.0	.2	.2
115.	*	.2	.2	.2	.0	.0	.4	.3	.4	.0	.3	.7	.7	.4	.0	.0	.2	.2
120.	*	.2	.2	.2	.0	.0	.4	.2	.5	.0	.3	.6	.7	.4	.0	.0	.2	.2
125.	*	.2	.2	.0	.0	.0	.3	.2	.7	.0	.2	.7	.7	.3	.0	.0	.2	.2
130.	*	.2	.0	.0	.0	.0	.2	.2	.6	.0	.2	.6	.8	.3	.0	.0	.2	.2
135.	*	.0	.0	.0	.0	.0	.2	.2	.4	.0	.2	.6	.8	.3	.0	.0	.1	.2
140.	*	.0	.0	.0	.0	.0	.2	.2	.4	.0	.2	.5	.7	.3	.0	.0	.2	.3
145.	*	.0	.0	.0	.0	.0	.2	.2	.4	.0	.0	.4	.7	.2	.0	.0	.2	.3
150.	*	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.3	.6	.2	.0	.0	.2	.3
155.	*	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.3	.5	.1	.0	.0	.2	.3
160.	*	.0	.0	.0	.0	.0	.3	.2	.3	.0	.0	.1	.3	.1	.0	.0	.2	.2
165.	*	.0	.0	.0	.0	.0	.3	.1	.3	.0	.0	.1	.2	.0	.0	.0	.2	.2
170.	*	.0	.1	.1	.0	.0	.2	.1	.3	.0	.0	.0	.1	.0	.0	.0	.2	.2
175.	*	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.2	.2
180.	*	.2	.2	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.2	.2	.3	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1
190.	*	.3	.4	.4	.2	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0
195.	*	.3	.4	.4	.4	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0
200.	*	.3	.4	.4	.4	.3	.0	.0	.1	.0	.1	.0	.0	.0	.2	.3	.0	.0
205.	*	.3	.3	.4	.3	.3	.0	.0	.1	.0	.1	.0	.0	.0	.2	.3	.0	.0

1

JOB: S27 B115PM 270&85

RUN: S27 B115PM

PAGE 4

WIND * CONCENTRATION																		
ANGLE	*	(PPM)																
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.3	.3	.4	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
215.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
220.	*	.3	.3	.2	.3	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.3	.0	.0
225.	*	.3	.3	.3	.4	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.3	.0	.0
230.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.3	.0	.0
235.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.3	.0	.0
240.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.3	.0	.0
245.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
250.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.2	.0	.0
255.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
260.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
265.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
270.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
275.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
280.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
285.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.0	.0	.4	.3	.0	.0
290.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.0	.0	.5	.3	.0	.0
295.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.0	.0	.5	.3	.0	.0
300.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.0	.0	.5	.2	.0	.0
305.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.5	.3	.0	.0
310.	*	.3	.3	.3	.3	.3	.0	.0	.2	.0	.1	.1	.1	.0	.5	.4	.0	.0
315.	*	.3	.3	.3	.3	.3	.0	.0	.2	.0	.1	.2	.1	.0	.6	.3	.0	.0
320.	*	.3	.3	.3	.3	.3	.0	.0	.2	.0	.1	.3	.2	.1	.6	.2	.0	.0
325.	*	.3	.4	.3	.3	.3	.0	.0	.2	.0	.1	.4	.3	.1	.6	.1	.0	.0
330.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.1	.6	.6	.4	.3	.0	.0	.0
335.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.2	.5	.8	.6	.1	.0	.0	.0
340.	*	.4	.4	.4	.4	.4	.0	.0	.0	.0	.3	.7	.9	.7	.1	.0	.0	.0
345.	*	.4	.4	.4	.4	.3	.0	.0	.0	.0	.3	.7	1.0	.7	.0	.0	.0	.0
350.	*	.5	.6	.5	.5	.3	.0	.0	.0	.0	.3	.8	.9	.8	.0	.0	.0	.0
355.	*	.4	.4	.4	.4	.3	.1	.1	.1	.0	.3	.6	.9	.8	.0	.0	.2	.2
360.	*	.3	.4	.3	.3	.3	.3	.3	.5	.0	.3	.6	.9	.7	.0	.0	.3	.2
MAX	*	.5	.6	.5	.5	.4	.4	.5	.7	.0	.3	.8	1.0	.8	.6	.4	.5	.5
DEGR.	*	350	350	350	350	5	5	25	125	0	0	350	345	5	315	310	15	25

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 350 DEGREES FROM REC11.
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 5 DEGREES FROM REC13.

				S27B215A			
S27	B215AM	270&85		60.0108.0.0000.000170.30480000	11	1	
R1	SW CORNER ON RAMP	196665.	623968.	6.0			
R2	SW 25M S ON RAMP	196665.	623886.	6.0			
R3	SW 50M S ON RAMP	196672.	623814.	6.0			
R4	SW 75M S ON RAMP	196678.	623729.	6.0			
R5	SW 100M S ON RAMP	196683.	623623.	6.0			
R6	SB OFF RAMP	196477.	624062.	6.0			
196479.		196484.	623923.	6.0			
R8	SB OFF RAMP	196456.	624295.	6.0			
196453.		624315.	624487.	6.0			
R10	SB ON RAMP	196793.	624015.	6.0			
R11	SB ON RAMP	196962.	624006.	6.0			
R12	SB ON RAMP	197079.	623822.	6.0			
R13	SB ON RAMP	197227.	623485.	6.0			
R14	NB OFF RAMP	197451.	623580.	6.0			
R15	NB OFF RAMP	197472.	623893.	6.0			
R16	85 WB	196505.	623726.	6.0			
R17	85 WB	196516.	623544.	6.0			
S27	B215AM			33	1	0	
1							
1	WB 85	AG196545.625070.196620.623698.		875 3.2	0	80	40.
0	1	WB 85	AG196620.623698.196607.623077.	875 3.2	0	80	40.
1	1	EB 85	AG196536.623084.196573.623667.	1825 3.2	0	56	40.
0	1	EB 85	AG196573.623667.196477.625064.	1825 3.2	0	56	40.
1	1	Ramp bwt85AG197083.623888.196989.624015.		1475 3.2	0	32	40.
0	1	Ramp bwt85AG196989.624015.196893.624065.		1475 3.2	0	32	40.
0	1	Ramp bwt85AG196893.624065.196623.624055.		1475 3.2	0	32	40.
1	1	NB 270	AG196471.625061.196797.624568.	2375 4.3	0	68	61.
0	1	NB 270	AG196797.624568.197213.623841.	2375 4.3	0	68	61.
0	1	NB 270	AG197213.623841.197393.623435.	2375 4.3	0	68	61.
0	1	SB 270	AG197334.623363.196943.624192.	5575 4.3	0	68	61.
0	1	SB 270	AG196943.624192.196387.625043.	5575 4.3	0	68	61.
1	1	NB 270 to	AG196902.625034.197140.624523.	275 3.2	0	68	40.
0	1	NB 270 to	AG197140.624523.197258.623939.	275 3.2	0	68	40.
0	1	NB 270 to	AG197258.623939.197344.623646.	275 3.2	0	68	40.
0	1	NB 270 to	AG196638.625076.196737.624806.	375 3.2	0	68	40.
0	1	NB 270 to	AG196737.624806.197199.623946.	375 3.2	0	68	40.
0	1	NB 270 to	AG197199.623946.197423.623477.	375 3.2	0	68	40.
0	1	S Cir	AG196704.625067.196865.624859.	550 3.2	0	68	40.
0	1	S Cir	AG196865.624859.197019.624687.	550 3.2	0	68	40.
0	1	S Cir	AG197019.624687.197075.624522.	550 3.2	0	68	40.
0	1	S Cir	AG197075.624522.197050.624339.	550 3.2	0	68	40.
0	1	S Cir	AG197050.624339.196915.624189.	550 3.2	0	68	40.
0	1	S Cir	AG196915.624189.196740.624131.	550 3.2	0	68	40.
0	1	S Cir	AG196740.624131.196527.624181.	550 3.2	0	68	40.
0	1	S Cir	AG196527.624181.196392.624335.	550 3.2	0	68	40.
0	1	S Cir	AG196392.624335.196323.624487.	550 3.2	0	68	40.
0	1	S Cir	AG196323.624487.196103.624932.	550 3.2	0	68	40.
1	1	SB to 85	AG196486.624233.196457.624516.	1475 3.2	0	44	40.
0	1	SB to 85	AG196457.624516.196405.624718.	1475 3.2	0	44	40.
1	1	from N CirSB to 85	AG196394.624714.196323.624855.	275 3.2	0	32	40.
1	1	from N CirSB to 85	AG196323.624855.196213.624992.	275 3.2	0	32	40.
1	1	from 270 SB to 85	AG196413.624722.196309.625022.	1075 3.2	0	32	40.
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: S27 B215AM 270&85
DATE: 03/15/2007 TIME: 13:13:50.12

RUN: S27 B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	875.	3.2	.0	80.0	
2. 0 WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	875.	3.2	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1825.	3.2	.0	56.0	
4. 0 EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1825.	3.2	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	1475.	3.2	.0	32.0	
6. 0 Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	1475.	3.2	.0	32.0	
7. 0 Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	1475.	3.2	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	2375.	4.3	.0	68.0	
9. 0 NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	2375.	4.3	.0	68.0	
10. 0 NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	2375.	4.3	.0	68.0	
11. 0 SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	5575.	4.3	.0	68.0	
12. 0 SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	5575.	4.3	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	275.	3.2	.0	68.0	
14. 0 NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	275.	3.2	.0	68.0	
15. 0 NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	275.	3.2	.0	68.0	
16. 0 NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	375.	3.2	.0	68.0	
17. 0 NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	375.	3.2	.0	68.0	
18. 0 NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	375.	3.2	.0	68.0	
19. 0 S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	550.	3.2	.0	68.0	
20. 0 S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	550.	3.2	.0	68.0	
21. 0 S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	550.	3.2	.0	68.0	
22. 0 S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	550.	3.2	.0	68.0	
23. 0 S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	550.	3.2	.0	68.0	
24. 0 S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	550.	3.2	.0	68.0	
25. 0 S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	550.	3.2	.0	68.0	
26. 0 S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	550.	3.2	.0	68.0	
27. 0 S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	550.	3.2	.0	68.0	
28. 0 S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	550.	3.2	.0	68.0	
29. 0 SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	1475.	3.2	.0	44.0	
30. 0 SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	1475.	3.2	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	275.	3.2	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	275.	3.2	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1075.	3.2	.0	32.0	

JOB: S27 B215AM 270&85
DATE: 03/15/2007 TIME: 13:13:50.12

RUN: S27 B215AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B215AM 270&85

RUN: S27 B215AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.3	.3	.1	.1	.1	.3	.2	.4	.0	.4	1.1	1.3	1.1	.0	.0	.2	.2
5.	*	.3	.2	.2	.1	.1	.3	.2	.5	.0	.4	.9	1.3	.9	.0	.0	.3	.2
10.	*	.3	.2	.1	.1	.1	.2	.2	.6	.0	.4	.9	1.1	.9	.0	.0	.4	.3
15.	*	.3	.2	.1	.1	.1	.3	.4	.6	.0	.4	.8	1.1	.9	.0	.0	.4	.4
20.	*	.3	.1	.1	.1	.1	.2	.3	.6	.0	.4	.8	.9	.8	.0	.0	.4	.3

S27B215A

25.	*	.4	.2	.2	.2	.2	.2	.2	.6	.0	.4	.9	.9	.8	.0	.0	.4	.3
30.	*	.4	.2	.2	.3	.1	.2	.2	.6	.0	.4	.9	.8	.8	.0	.0	.3	.2
35.	*	.3	.2	.3	.2	.1	.2	.2	.6	.0	.4	.7	.8	.7	.0	.0	.2	.2
40.	*	.3	.3	.2	.2	.1	.2	.2	.5	.0	.4	.7	.8	.7	.0	.0	.2	.3
45.	*	.3	.3	.2	.2	.1	.2	.2	.5	.0	.5	.7	.8	.7	.0	.0	.2	.3
50.	*	.4	.2	.2	.2	.1	.2	.2	.5	.0	.4	.7	.8	.7	.0	.0	.2	.3
55.	*	.4	.2	.2	.2	.1	.2	.2	.5	.0	.4	.7	.8	.7	.0	.0	.2	.3
60.	*	.3	.2	.2	.1	.1	.3	.3	.4	.0	.4	.7	.8	.7	.0	.0	.2	.2
65.	*	.2	.2	.2	.1	.1	.3	.2	.5	.0	.4	.7	.8	.7	.0	.0	.2	.2
70.	*	.3	.2	.2	.1	.1	.2	.2	.5	.0	.3	.8	.8	.7	.0	.0	.2	.2
75.	*	.3	.2	.1	.1	.1	.4	.2	.5	.0	.3	.8	.8	.7	.0	.0	.2	.2
80.	*	.3	.2	.1	.1	.1	.3	.2	.6	.0	.3	.8	.9	.7	.0	.0	.2	.2
85.	*	.3	.2	.1	.1	.1	.4	.2	.6	.0	.3	.8	.8	.7	.0	.0	.2	.2
90.	*	.3	.2	.1	.1	.1	.3	.2	.5	.0	.3	.8	.8	.7	.0	.0	.2	.2
95.	*	.2	.2	.1	.1	.1	.3	.2	.4	.0	.3	.8	.8	.7	.0	.0	.2	.2
100.	*	.2	.2	.1	.1	.1	.2	.2	.5	.0	.3	.8	.8	.8	.0	.0	.2	.2
105.	*	.2	.2	.1	.1	.1	.2	.2	.5	.0	.3	.8	.9	.8	.0	.0	.2	.1
110.	*	.2	.2	.1	.1	.1	.2	.2	.4	.0	.3	.9	.9	.8	.0	.0	.2	.1
115.	*	.2	.2	.1	.1	.1	.2	.2	.4	.0	.3	.9	1.0	.7	.0	.0	.2	.1
120.	*	.2	.1	.1	.1	.0	.2	.2	.5	.0	.4	1.0	1.1	.7	.0	.0	.1	.1
125.	*	.1	.1	.1	.0	.0	.2	.2	.5	.0	.4	1.1	1.2	.7	.0	.0	.1	.1
130.	*	.1	.1	.1	.0	.0	.2	.1	.5	.0	.3	1.0	1.1	.7	.0	.0	.1	.2
135.	*	.1	.0	.0	.0	.0	.1	.1	.5	.0	.2	.9	1.2	.7	.0	.0	.2	.3
140.	*	.0	.0	.0	.0	.0	.1	.1	.5	.0	.2	.9	1.3	.6	.0	.0	.1	.3
145.	*	.0	.0	.0	.0	.0	.1	.1	.4	.0	.1	.8	1.3	.5	.0	.0	.1	.3
150.	*	.0	.0	.0	.0	.0	.1	.1	.4	.0	.1	.5	1.1	.4	.0	.0	.1	.3
155.	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.4	.9	.3	.0	.0	.1	.3
160.	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.2	.7	.2	.0	.0	.1	.2
165.	*	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.1	.4	.1	.0	.0	.1	.2
170.	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.3	.0	.0	.0	.1	.2
175.	*	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.2	.0	.0	.0	.1	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
190.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.2	.0	.0
195.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0
200.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.1	.0	.2	.2	.0	.0
205.	*	.2	.3	.2	.2	.2	.0	.0	.1	.0	.0	.0	.1	.0	.2	.2	.0	.0

1

JOB: S27 B215AM 270&85

RUN: S27 B215AM

PAGE 4

WIND * CONCENTRATION																		
ANGLE * (PPM)																		
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.0	.0
215.	*	.2	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
220.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
225.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
230.	*	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
235.	*	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0
240.	*	.2	.2	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0
245.	*	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0
250.	*	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0
255.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
260.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.2	.0	.0
265.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
270.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
275.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.1	.0	.0	.4	.3	.0	.0
280.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	.0
285.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	.0
290.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.1	.1	.1	.0	.5	.2	.0	.0
295.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.1	.2	.1	.0	.5	.3	.0	.0
300.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.2	.1	.0	.5	.3	.0	.0
305.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.1	.2	.1	.0	.5	.3	.0	.0
310.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.2	.1	.0	.6	.3	.0	.0
315.	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.2	.3	.2	.1	.5	.2	.0	.0
320.	*	.2	.2	.2	.2	.1	.0	.0	.0	.0	.2	.3	.4	.1	.5	.1	.0	.0
325.	*	.2	.2	.2	.2	.1	.0	.0	.0	.0	.2	.4	.6	.4	.4	.1	.0	.0
330.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.3	.5	.9	.5	.3	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.3	.8	1.3	.8	.2	.0	.0	.0
340.	*	.3	.3	.2	.2	.2	.0	.0	.1	.0	.3	1.0	1.4	1.0	.0	.0	.0	.0
345.	*	.4	.3	.3	.3	.3	.0	.0	.1	.0	.4	.9	1.5	1.2	.0	.0	.0	.0
350.	*	.4	.3	.3	.3	.3	.1	.0	.2	.0	.4	.9	1.5	1.1	.0	.0	.1	.1
355.	*	.4	.3	.3	.3	.3	.3	.2	.4	.0	.5	.9	1.4	1.2	.0	.0	.2	.2
360.	*	.3	.3	.1	.1	.1	.3	.2	.4	.0	.4	1.1	1.3	1.1	.0	.0	.2	.2
MAX	*	.4	.3	.3	.3	.3	.4	.4	.6	.0	.5	1.1	1.5	1.2	.6	.3	.4	.4
DEGR.	*	25	0	35	30	345	75	15	10	0	45	0	345	345	310	210	10	15

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 345 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 0 DEGREES FROM REC11.

			S27B215P					
S27 B215PM 270&85			60.0108.0.0000.000170.30480000	11	1			
R1 SW CORNER ON RAMP	196665.	623968.	6.0					
R2 SW 25M S ON RAMP	196665.	623886.	6.0					
R3 SW 50M S ON RAMP	196672.	623814.	6.0					
R4 SW 75M S ON RAMP	196678.	623729.	6.0					
R5 SW 100M S ON RAMP	196683.	623623.	6.0					
R6 SB OFF RAMP	196477.	624062.	6.0					
196479.	196484.	623923.	6.0					
R8 SB OFF RAMP	196456.	624295.	6.0					
196453.	624315.	624487.	6.0					
R10 SB ON RAMP	196793.	624015.	6.0					
R11 SB ON RAMP	196962.	624006.	6.0					
R12 SB ON RAMP	197079.	623822.	6.0					
R13 SB ON RAMP	197227.	623485.	6.0					
R14 NB OFF RAMP	197451.	623580.	6.0					
R15 NB OFF RAMP	197472.	623893.	6.0					
R16 85 WB	196505.	623726.	6.0					
R17 85 WB	196516.	623544.	6.0					
S27 B215PM			33 1 0					
1	WB 85	AG196545.625070.196620.623698.	1225 3.2 0 80 40.					
0 1	WB 85	AG196620.623698.196607.623077.	1225 3.2 0 80 40.					
0 1	EB 85	AG196536.623084.196573.623667.	1375 3.2 0 56 40.					
0 1	EB 85	AG196573.623667.196477.625064.	1375 3.2 0 56 40.					
0 1	Ramp bwt85AG197083.623888.196989.624015.	450 3.2 0 32 40.						
0 1	Ramp bwt85AG196989.624015.196893.624065.	450 3.2 0 32 40.						
0 1	Ramp bwt85AG196893.624065.196623.624055.	450 3.2 0 32 40.						
0 1	NB 270	AG196471.625061.196797.624568.	5250 4.3 0 68 61.					
0 1	NB 270	AG196797.624568.197213.623841.	5250 4.3 0 68 61.					
0 1	NB 270	AG197213.623841.197393.623435.	5250 4.3 0 68 61.					
0 1	SB 270	AG197334.623363.196943.624192.	2575 4.3 0 68 61.					
0 1	SB 270	AG196943.624192.196387.625043.	2575 4.3 0 68 61.					
0 1	NB 270 to	AG196902.625034.197140.624523.	775 3.2 0 68 40.					
0 1	NB 270 to	AG197140.624523.197258.623939.	775 3.2 0 68 40.					
0 1	NB 270 to	AG197258.623939.197344.623646.	775 3.2 0 68 40.					
0 1	NB 270 to	AG196638.625076.196737.624806.	500 3.2 0 68 40.					
0 1	NB 270 to	AG196737.624806.197199.623946.	500 3.2 0 68 40.					
0 1	NB 270 to	AG197199.623946.197423.623477.	500 3.2 0 68 40.					
0 1	S Cir	AG196704.625067.196865.624859.	1575 3.2 0 68 40.					
0 1	S Cir	AG196865.624859.197019.624687.	1575 3.2 0 68 40.					
0 1	S Cir	AG197019.624687.197075.624522.	1575 3.2 0 68 40.					
0 1	S Cir	AG197075.624522.197050.624339.	1575 3.2 0 68 40.					
0 1	S Cir	AG197050.624339.196915.624189.	1575 3.2 0 68 40.					
0 1	S Cir	AG196915.624189.196740.624131.	1575 3.2 0 68 40.					
0 1	S Cir	AG196740.624131.196527.624181.	1575 3.2 0 68 40.					
0 1	S Cir	AG196527.624181.196392.624335.	1575 3.2 0 68 40.					
0 1	S Cir	AG196392.624335.196323.624487.	1575 3.2 0 68 40.					
0 1	S Cir	AG196323.624487.196103.624932.	1575 3.2 0 68 40.					
0 1	SB to 85	AG196486.624233.196457.624516.	450 3.2 0 44 40.					
0 1	SB to 85	AG196457.624516.196405.624718.	450 3.2 0 44 40.					
0 1	from N CirSB to 85	AG196394.624714.196323.624855.	775 3.2 0 32 40.					
0 1	from N CirSB to 85	AG196323.624855.196213.624992.	775 3.2 0 32 40.					
0 1	from 270 SB to 85	AG196413.624722.196309.625022.	1500 3.2 0 32 40.					
1.0 0.4 1000. 0.0Y	5 0 72							

JOB: S27 B215PM 270&85
DATE: 03/15/2007 TIME: 13:20:49.97

RUN: S27 B215PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	1225.	3.2	.0	80.0	
2. WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	1225.	3.2	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1375.	3.2	.0	56.0	
4. EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1375.	3.2	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	450.	3.2	.0	32.0	
6. Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	450.	3.2	.0	32.0	
7. Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	450.	3.2	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	5250.	4.3	.0	68.0	
9. NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	5250.	4.3	.0	68.0	
10. NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	5250.	4.3	.0	68.0	
11. SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	2575.	4.3	.0	68.0	
12. SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	2575.	4.3	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	775.	3.2	.0	68.0	
14. NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	775.	3.2	.0	68.0	
15. NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	775.	3.2	.0	68.0	
16. NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	500.	3.2	.0	68.0	
17. NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	500.	3.2	.0	68.0	
18. NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	500.	3.2	.0	68.0	
19. S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	1575.	3.2	.0	68.0	
20. S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	1575.	3.2	.0	68.0	
21. S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	1575.	3.2	.0	68.0	
22. S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	1575.	3.2	.0	68.0	
23. S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	1575.	3.2	.0	68.0	
24. S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	1575.	3.2	.0	68.0	
25. S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	1575.	3.2	.0	68.0	
26. S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	1575.	3.2	.0	68.0	
27. S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	1575.	3.2	.0	68.0	
28. S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	1575.	3.2	.0	68.0	
29. SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	450.	3.2	.0	44.0	
30. SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	450.	3.2	.0	44.0	
31. from N CirSB	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	775.	3.2	.0	32.0	
32. from N CirSB	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	775.	3.2	.0	32.0	
33. from 270 SB	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1500.	3.2	.0	32.0	

JOB: S27 B215PM 270&85
DATE: 03/15/2007 TIME: 13:20:49.97

RUN: S27 B215PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B215PM 270&85

RUN: S27 B215PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	*	.4	.3	.3	.3	.4	.2	.4	.0	.4	.6	.9	.7	.0	.0	.2	.3
5.	*	.3	.2	.2	.3	.3	.5	.4	.4	.0	.4	.6	.8	.0	.0	.3	.3
10.	*	.3	.3	.3	.2	.2	.5	.4	.5	.0	.4	.6	.7	.7	.0	.4	.3
15.	*	.3	.2	.2	.2	.1	.4	.4	.5	.0	.4	.6	.7	.6	.0	.4	.2
20.	*	.2	.2	.2	.2	.1	.4	.4	.5	.0	.4	.6	.7	.6	.0	.3	.4

S27B215P

25.	*	.2	.2	.2	.1	.1	.4	.5	.5	.0	.4	.6	.7	.6	.0	.0	.3	.4
30.	*	.2	.2	.1	.1	.1	.4	.4	.5	.0	.4	.6	.6	.6	.0	.0	.3	.2
35.	*	.2	.1	.1	.1	.2	.5	.4	.5	.0	.3	.6	.6	.6	.0	.0	.3	.2
40.	*	.2	.1	.1	.2	.2	.5	.4	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
45.	*	.1	.1	.2	.2	.2	.5	.3	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
50.	*	.1	.2	.2	.2	.2	.5	.3	.5	.0	.3	.5	.6	.6	.0	.0	.3	.3
55.	*	.1	.2	.2	.2	.2	.5	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
60.	*	.2	.2	.2	.2	.2	.5	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.3
65.	*	.2	.2	.2	.2	.2	.4	.3	.4	.0	.3	.5	.6	.6	.0	.0	.3	.2
70.	*	.2	.2	.2	.2	.2	.4	.3	.4	.0	.3	.5	.7	.6	.0	.0	.4	.3
75.	*	.2	.2	.2	.2	.2	.3	.4	.4	.0	.3	.5	.6	.6	.0	.0	.4	.3
80.	*	.2	.2	.2	.2	.2	.3	.4	.4	.0	.3	.5	.6	.6	.0	.0	.4	.3
85.	*	.2	.2	.2	.2	.2	.3	.4	.4	.0	.3	.5	.6	.6	.0	.0	.4	.3
90.	*	.2	.2	.2	.2	.2	.4	.4	.4	.0	.3	.5	.6	.6	.0	.0	.4	.3
95.	*	.2	.3	.2	.2	.2	.4	.4	.4	.0	.3	.6	.6	.6	.0	.0	.3	.3
100.	*	.3	.2	.2	.2	.2	.4	.4	.3	.0	.3	.6	.6	.5	.0	.0	.2	.2
105.	*	.3	.2	.2	.2	.1	.4	.4	.3	.0	.2	.6	.7	.5	.0	.0	.2	.2
110.	*	.2	.2	.2	.2	.0	.4	.4	.5	.0	.3	.6	.7	.4	.0	.0	.1	.2
115.	*	.2	.2	.2	.1	.0	.4	.3	.5	.0	.3	.7	.7	.4	.0	.0	.1	.2
120.	*	.2	.2	.2	.0	.0	.4	.2	.6	.0	.3	.6	.7	.4	.0	.0	.2	.2
125.	*	.2	.2	.0	.0	.0	.3	.2	.8	.0	.2	.7	.7	.3	.0	.0	.2	.2
130.	*	.2	.0	.0	.0	.0	.2	.2	.7	.0	.2	.6	.8	.3	.0	.0	.2	.2
135.	*	.0	.0	.0	.0	.0	.2	.2	.7	.0	.2	.6	.8	.3	.0	.0	.1	.2
140.	*	.0	.0	.0	.0	.0	.2	.2	.6	.0	.2	.5	.7	.3	.0	.0	.2	.2
145.	*	.0	.0	.0	.0	.0	.2	.1	.6	.0	.1	.4	.7	.2	.0	.0	.2	.2
150.	*	.0	.0	.0	.0	.0	.2	.1	.4	.0	.0	.3	.6	.2	.0	.0	.2	.2
155.	*	.0	.0	.0	.0	.0	.1	.1	.4	.0	.0	.3	.5	.1	.0	.0	.2	.2
160.	*	.0	.0	.0	.0	.0	.1	.1	.4	.0	.0	.1	.3	.1	.0	.0	.2	.2
165.	*	.0	.0	.0	.0	.0	.1	.0	.3	.0	.0	.1	.2	.0	.0	.0	.2	.2
170.	*	.0	.0	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
180.	*	.0	.1	.1	.1	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.1	.2	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.0	.1
190.	*	.1	.3	.2	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0
195.	*	.1	.3	.3	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	.0	.0
200.	*	.1	.2	.3	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.2	.3	.0	.0
205.	*	.2	.1	.3	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.2	.3	.0	.0

1

JOB: S27 B215PM 270&85

RUN: S27 B215PM

PAGE 4

WIND * CONCENTRATION																		
ANGLE * (PPM)																		
(DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
215.	*	.2	.2	.1	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
220.	*	.2	.2	.1	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
225.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
230.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
235.	*	.2	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
240.	*	.2	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
245.	*	.2	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
250.	*	.2	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.2	.0	.0
255.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
260.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.4	.3	.0	.0
265.	*	.2	.2	.2	.2	.2	.0	.0	.2	.0	.0	.0	.0	.0	.4	.3	.0	.0
270.	*	.2	.2	.2	.2	.2	.0	.0	.2	.0	.0	.0	.0	.0	.4	.3	.0	.0
275.	*	.2	.2	.2	.2	.2	.0	.0	.2	.0	.0	.0	.0	.0	.4	.3	.0	.0
280.	*	.2	.2	.2	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.4	.3	.0	.0
285.	*	.2	.2	.2	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.4	.3	.0	.0
290.	*	.2	.2	.2	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.5	.3	.0	.0
295.	*	.2	.2	.2	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.5	.3	.0	.0
300.	*	.2	.2	.2	.2	.1	.0	.0	.3	.0	.0	.0	.0	.0	.5	.3	.0	.0
305.	*	.2	.2	.2	.2	.2	.0	.0	.3	.0	.1	.0	.0	.0	.5	.3	.0	.0
310.	*	.2	.2	.2	.2	.2	.0	.0	.2	.0	.1	.0	.1	.0	.5	.4	.0	.0
315.	*	.2	.2	.2	.2	.2	.0	.0	.2	.0	.1	.1	.1	.0	.6	.3	.0	.0
320.	*	.2	.2	.2	.2	.2	.0	.0	.3	.0	.1	.2	.1	.1	.6	.2	.0	.0
325.	*	.2	.2	.2	.2	.3	.0	.0	.3	.0	.1	.3	.4	.1	.6	.1	.0	.0
330.	*	.2	.2	.2	.2	.2	.0	.0	.3	.0	.1	.5	.6	.4	.3	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.0	.0	.3	.0	.1	.5	.8	.6	.1	.0	.0	.0
340.	*	.2	.3	.2	.2	.2	.0	.0	.1	.0	.2	.7	1.0	.8	.1	.0	.0	.0
345.	*	.4	.2	.2	.2	.2	.1	.0	.1	.0	.3	.7	1.0	.7	.0	.0	.0	.0
350.	*	.5	.4	.4	.3	.2	.1	.0	.0	.0	.3	.8	.9	.8	.0	.0	.0	.0
355.	*	.4	.3	.3	.3	.3	.2	.1	.1	.0	.4	.6	.9	.8	.0	.0	.1	.1
360.	*	.4	.3	.3	.3	.3	.4	.2	.4	.0	.4	.6	.9	.7	.0	.0	.2	.3
MAX	*	.5	.4	.4	.3	.3	.5	.5	.8	.0	.4	.8	1.0	.8	.6	.4	.4	.4
DEGR.	*	350	350	350	0	0	5	25	125	0	0	350	340	340	315	310	10	20

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 340 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 125 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 340 DEGREES FROM REC13.

S27NB30A.DAT										
I-270 /US15 CORRIDOR STUDY	NB30A	60.0175.0.0000.000170.30480000	11	1						
R1 SW CORNER ON RAMP	196657.	623969.	5.0							
R2 SW 25M S ON RAMP	196634.	623886.	5.0							
R3 SW 50M S ON RAMP	196633.	623814.	5.0							
R4 SW 75M S ON RAMP	196638.	623731.	5.0							
R5 SW 100M S ON RAMP	196635.	623627.	5.0							
R6 SB OFF RAMP	196518.	624062.	5.0							
R7 SB OFF RAMP	196532.	623928.	5.0							
R8 SB OFF RAMP	196460.	624262.	5.0							
R9 SB OFF RAMP	196348.	624487.	5.0							
R10 SB ON RAMP	196793.	624015.	5.0							
R11 SB ON RAMP	196962.	624006.	5.0							
R12 SB ON RAMP	197079.	623822.	5.0							
R13 SB ON RAMP	197227.	623485.	5.0							
R14 NB OFF RAMP	197451.	623580.	5.0							
R15 NB OFF RAMP	197472.	623893.	5.0							
R16 85 WB	196546.	623727.	5.0							
R17 85 WB	196555.	623544.	5.0							
SITE 27 NB30AM		57	1	1						
1	270 SB	AG196288.625210.196491.624946.	6200.2.6	0.44.0	34					
2	270 SB	AG196490.624947.196673.624676.	6200.2.6	0.44.0	34					
3	270 SB	AG196673.624676.196877.624349.	5200.2.6	0.44.0	34					
4	270 SB	AG196877.624349.197070.624013.	4625.2.6	0.44.0	34					
5	270 SB	AG197070.624013.197233.623678.	4625.2.6	0.44.0	34					
6	270 SB	AG197233.623678.197445.623169.	4625.2.6	0.44.0	34					
7	270 SB	AG197445.623169.197616.622670.	7125.2.6	0.44.0	30					
8	270 NB	AG197411.623413.197566.623006.	3275.3.6	0.44.0	56					
9	270 NB	AG197566.623006.197678.622679.	3275.3.6	0.44.0	56					
10	270 NB	AG197411.623410.197232.623835.	3275.3.6	0.44.0	56					
11	270 NB	AG197233.623832.197144.624013.	3275.3.6	0.44.0	56					
12	270 NB	AG197145.624011.196936.624369.	2625.3.6	0.44.0	56					
13	270 NB	AG196936.624368.196694.624752.	2625.3.6	0.44.0	56					
14	270 NB	AG196695.624751.196358.625250.	2625.3.6	0.44.0	56					
15	270 SB OFF	AG196033.625198.196112.625013.	1000.2.6	0.44.0	30					
16	270 SB OFF	AG196115.625011.196320.624584.	1000.2.6	0.44.0	30					
17	270 SB OFF	AG196321.624584.196403.624475.	1000.2.6	0.44.0	30					
18	270 SB OFF	AG196407.624472.196475.624384.	1000.2.6	0.44.0	30					
19	270 SB OFF	AG196475.624384.196522.624279.	1000.2.6	0.44.0	30					
20	270 SB OFF	AG196522.624279.196560.624070.	1000.2.6	0.44.0	30					
21	85 WB	AG196562.624068.196597.623528.	1725.3.6	0.70.0	55					
22	85 WB	AG196600.623524.196601.623214.	1725.3.5	0.70.0	55					
23	85 WB	AG196601.623214.196532.622887.	1725.3.5	0.70.0	55					
24	85 EB	AG196546.622890.196617.623210.	2525.3.5	0.50.0	55					
25	85 EB	AG196617.623210.196607.623656.	2525.3.5	0.50.0	55					
26	85 EB	AG196610.623653.196590.623910.	2525.3.5	0.50.0	55					
27	85 EB	AG196590.623907.196573.624203.	950.3.5	0.50.0	55					
28	85 EB	AG196582.624205.196550.624779.	1525.3.5	0.50.0	55					
29	85 EB	AG196552.624778.196527.625236.	1525.3.5	0.50.0	55					
30	85 WB	AG196511.625230.196531.624774.	1875.3.5	0.70.0	55					
31	85 WB	AG196539.624773.196569.624202.	1875.3.5	0.70.0	55					
32	85 WB ON	RAG196519.624774.196507.624634.	1250.3.5	0.44.0	55					
33	85 WB ON	RAG196507.624634.196464.624587.	1250.3.5	0.44.0	55					
34	85 WB ON	RAG196464.624587.196396.624578.	1250.3.5	0.44.0	55					
35	85 WB ON	RAG196396.624578.196338.624613.	1250.3.5	0.44.0	55					
36	85 WB ON	RAG196338.624613.196083.625143.	1250.3.5	0.44.0	55					
37	270 SB OFF	AG196861.624341.196900.624263.	575.2.6	0.44.0	34					
38	270 SB OFF	AG196900.624263.196899.624183.	575.2.6	0.44.0	34					
39	270 SB OFF	AG196899.624183.196831.624092.	575.2.6	0.44.0	34					
40	270 SB OFF	AG196831.624092.196731.624071.	575.2.6	0.44.0	34					
41	270 SB OFF	AG196731.624071.196642.624113.	575.2.6	0.44.0	34					
42	270 SB OFF	AG196642.624113.196583.624210.	575.2.6	0.44.0	34					
43	270 NB OFF	AG197151.624008.197101.624125.	650.3.5	0.44.0	56					

44	270 NB OFFAG197101.624125.197041.624262.	650. 3.5	S27NB30A.DAT 0.44.0	56
45	270 NB OFFAG197041.624262.197025.624394.	650. 3.5	0.44.0	56
46	270 NB OFFAG197025.624394.197040.624558.	650. 3.5	0.44.0	56
47	270 NB OFFAG197040.624558.197024.624693.	650. 3.5	0.44.0	56
48	270 NB OFFAG197025.624689.196915.624932.	650. 3.6	0.44.0	56
49	270 NB OFFAG196915.624932.196745.625282.	650. 3.6	0.44.0	56
50	270 ON RMPAG196605.623753.196611.623932.	2500. 3.7	0.44.0	58
51	270 ON RMPAG196611.623932.196656.624000.	2500. 3.7	0.44.0	58
52	270 ON RMPAG196656.624000.196731.624044.	2500. 3.7	0.44.0	58
53	270 ON RMPAG196731.624044.196915.624054.	2500. 3.7	0.44.0	58
54	270 ON RMPAG196915.624054.197026.624006.	2500. 3.7	0.44.0	58
55	270 ON RMPAG197026.624006.197090.623923.	2500. 3.7	0.44.0	58
56	270 ON RMPAG197090.623923.197238.623624.	2500. 3.7	0.44.0	58
57	270 ON RMPAG197238.623624.197293.623533.	2500. 3.7	0.44.0	58
1.0	0.4 1000. 0.0Y 5 0 72			

JOB: I-270 /US15 CORRIDOR STUDY NB30A
DATE: 12/20/2006 TIME: 11:53:27.99

RUN: SITE 27 NB30AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	6200.	2.6	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	6200.	2.6	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	5200.	2.6	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	4625.	2.6	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	4625.	2.6	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	4625.	2.6	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	7125.	2.6	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	3275.	3.6	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	3275.	3.6	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	3275.	3.6	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	3275.	3.6	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	2625.	3.6	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	2625.	3.6	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	2625.	3.6	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	1000.	2.6	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	1000.	2.6	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	1000.	2.6	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	1000.	2.6	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	1000.	2.6	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	1000.	2.6	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	1725.	3.6	.0	70.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	1725.	3.5	.0	70.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	1725.	3.5	.0	70.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	2525.	3.5	.0	50.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	2525.	3.5	.0	50.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	2525.	3.5	.0	50.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	950.	3.5	.0	50.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	1525.	3.5	.0	50.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	1525.	3.5	.0	50.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	1875.	3.5	.0	70.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	1875.	3.5	.0	70.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	1250.	3.5	.0	44.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	1250.	3.5	.0	44.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	1250.	3.5	.0	44.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	1250.	3.5	.0	44.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	1250.	3.5	.0	44.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	575.	2.6	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	575.	2.6	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	575.	2.6	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	575.	2.6	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	575.	2.6	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	575.	2.6	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	650.	3.5	.0	44.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	650.	3.5	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB30A
DATE: 12/20/2006 TIME: 11:53:27.99

RUN: SITE 27 NB30AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	650.	3.5	.0	44.0	
46. 46	270 NB OFF*	197025.0	624394.0	197040.0	624558.0	*	165.	5. AG	650.	3.5	.0	44.0	
47. 47	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	650.	3.5	.0	44.0	
48. 48	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	650.	3.6	.0	44.0	
49. 49	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	650.	3.6	.0	44.0	
50. 50	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	2500.	3.7	.0	44.0	
51. 51	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	2500.	3.7	.0	44.0	
52. 52	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	2500.	3.7	.0	44.0	
53. 53	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	2500.	3.7	.0	44.0	
54. 54	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	2500.	3.7	.0	44.0	
55. 55	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	2500.	3.7	.0	44.0	
56. 56	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	2500.	3.7	.0	44.0	
57. 57	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	2500.	3.7	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB30A
DATE: 12/20/2006 TIME: 11:53:27.99

RUN: SITE 27 NB30AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27NB30A.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY NB30A

RUN: SITE 27 NB30AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.4	.3	.4	.4	.5	.3	.3	.0	.2	.5	.6	.6	.5	.0	.0	.3	.3
5.	*	.5	.3	.3	.2	.4	.3	.4	.2	.2	.5	.6	.6	.6	.0	.0	.4	.5
10.	*	.5	.5	.2	.1	.2	.3	.5	.3	.2	.5	.6	.5	.6	.0	.0	.5	.6
15.	*	.5	.4	.1	.0	.1	.3	.3	.3	.1	.5	.6	.6	.4	.0	.0	.5	.6
20.	*	.5	.2	.0	.0	.0	.4	.3	.3	.3	.4	.6	.5	.4	.0	.0	.7	.5
25.	*	.5	.2	.0	.0	.0	.5	.4	.2	.2	.4	.6	.5	.4	.0	.0	.6	.4
30.	*	.5	.1	.0	.0	.0	.3	.3	.2	.2	.4	.6	.5	.4	.0	.0	.6	.5
35.	*	.5	.2	.1	.0	.0	.3	.3	.4	.2	.5	.6	.5	.4	.0	.0	.6	.5
40.	*	.7	.2	.2	.0	.0	.3	.3	.4	.2	.5	.6	.5	.4	.0	.0	.6	.4
45.	*	.5	.2	.2	.0	.0	.2	.3	.3	.3	.5	.6	.5	.4	.0	.0	.6	.4
50.	*	.5	.2	.1	.0	.0	.2	.5	.3	.3	.5	.6	.5	.4	.0	.0	.6	.4
55.	*	.5	.2	.0	.0	.0	.2	.5	.3	.3	.5	.6	.5	.4	.0	.0	.5	.4
60.	*	.4	.2	.0	.0	.0	.2	.7	.3	.2	.5	.6	.5	.4	.0	.0	.5	.4
65.	*	.3	.0	.0	.0	.0	.2	.7	.3	.3	.5	.6	.5	.3	.0	.0	.5	.4
70.	*	.3	.0	.0	.0	.0	.2	.6	.3	.3	.6	.5	.5	.3	.0	.0	.5	.4
75.	*	.2	.0	.0	.0	.0	.3	.5	.2	.3	.5	.5	.5	.3	.0	.0	.5	.4
80.	*	.1	.0	.1	.0	.0	.3	.5	.2	.3	.5	.7	.5	.3	.0	.0	.4	.4
85.	*	.0	.0	.1	.0	.0	.3	.5	.2	.3	.3	.8	.6	.3	.0	.0	.4	.4
90.	*	.0	.1	.1	.0	.0	.3	.5	.3	.3	.3	.7	.6	.3	.0	.0	.4	.4
95.	*	.1	.1	.0	.0	.0	.4	.5	.3	.3	.3	.6	.5	.3	.0	.0	.4	.3
100.	*	.1	.1	.0	.0	.0	.4	.5	.3	.2	.3	.5	.5	.3	.0	.0	.4	.3
105.	*	.1	.0	.0	.0	.0	.3	.4	.3	.1	.2	.7	.5	.3	.0	.0	.4	.4
110.	*	.1	.0	.0	.0	.0	.3	.4	.1	.1	.1	.7	.5	.4	.0	.0	.4	.4
115.	*	.0	.0	.0	.0	.0	.4	.4	.2	.1	.2	.7	.5	.4	.0	.0	.4	.4
120.	*	.0	.0	.0	.0	.0	.4	.5	.2	.1	.3	.8	.5	.3	.0	.0	.4	.4
125.	*	.0	.0	.0	.0	.0	.4	.6	.1	.1	.3	.7	.6	.3	.0	.0	.4	.4
130.	*	.0	.0	.0	.0	.0	.4	.6	.1	.1	.1	.5	.6	.3	.0	.0	.5	.4
135.	*	.0	.0	.0	.0	.0	.4	.6	.1	.1	.1	.5	.5	.4	.0	.0	.4	.4
140.	*	.0	.0	.0	.0	.0	.5	.6	.1	.0	.1	.4	.5	.4	.0	.0	.4	.4
145.	*	.0	.0	.0	.0	.0	.4	.5	.0	.0	.0	.4	.5	.4	.0	.0	.4	.4
150.	*	.0	.0	.0	.0	.0	.5	.5	.1	.0	.0	.3	.3	.3	.0	.0	.5	.4
155.	*	.0	.0	.0	.0	.1	.4	.6	.1	.0	.0	.1	.3	.2	.0	.0	.4	.4
160.	*	.0	.1	.0	.0	.1	.5	.7	.1	.0	.0	.0	.2	.1	.2	.0	.4	.4
165.	*	.0	.1	.0	.1	.1	.4	.6	.1	.0	.0	.0	.1	.2	.0	.5	.4	.4
170.	*	.1	.3	.3	.1	.3	.5	.4	.1	.0	.0	.0	.0	.0	.2	.1	.5	.4
175.	*	.1	.5	.4	.3	.4	.4	.4	.1	.0	.0	.0	.0	.0	.4	.2	.4	.3
180.	*	.5	.5	.5	.5	.6	.1	.2	.0	.0	.0	.0	.0	.0	.4	.2	.3	.3
185.	*	.5	.7	.6	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.4	.2	.2	.1
190.	*	.5	.7	.8	.6	.6	.0	.1	.0	.0	.0	.0	.0	.0	.4	.2	.1	.0
195.	*	.7	1.0	.8	.7	.6	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0
200.	*	.7	.9	.8	.6	.6	.0	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0
205.	*	.7	.9	.8	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB30A

RUN: SITE 27 NB30AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.7	.9	.8	.6	.7	.0	.0	.0	.0	.2	.0	.0	.0	.3	.2	.0	.0
215.	*	.7	.9	.8	.6	.6	.0	.0	.0	.0	.2	.0	.0	.0	.3	.2	.0	.0
220.	*	.7	.9	.8	.5	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.0	.0
225.	*	.6	.9	.8	.5	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.1	.0	.0
230.	*	.6	.7	.8	.5	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.1	.0	.0
235.	*	.6	.6	.8	.5	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.3	.0	.0
240.	*	.7	.6	.6	.4	.5	.0	.0	.0	.0	.2	.0	.0	.0	.3	.3	.0	.0
245.	*	.6	.6	.6	.3	.5	.0	.0	.0	.0	.2	.0	.0	.0	.3	.3	.0	.0
250.	*	.6	.6	.6	.3	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.3	.0	.0
255.	*	.6	.6	.6	.3	.5	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.0	.0
260.	*	.5	.6	.7	.4	.5	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.0	.0
265.	*	.5	.6	.8	.5	.5	.0	.0	.0	.0	.3	.1	.0	.0	.4	.2	.0	.0
270.	*	.5	.6	.8	.5	.5	.0	.0	.0	.0	.2	.1	.0	.0	.4	.2	.0	.0
275.	*	.5	.6	.6	.4	.5	.0	.0	.0	.0	.2	.1	.0	.0	.4	.2	.0	.0
280.	*	.5	.6	.6	.3	.5	.0	.0	.0	.0	.2	.3	.0	.0	.4	.2	.0	.0
285.	*	.5	.6	.6	.3	.5	.0	.0	.0	.0	.3	.3	.0	.0	.4	.1	.0	.0
290.	*	.5	.6	.6	.5	.5	.0	.0	.0	.0	.3	.3	.0	.0	.5	.2	.0	.0
295.	*	.5	.5	.8	.6	.6	.0	.0	.0	.0	.3	.4	.0	.0	.5	.2	.0	.0
300.	*	.5	.6	.8	.6	.5	.0	.0	.0	.0	.3	.4	.0	.0	.4	.2	.0	.0
305.	*	.5	.7	.8	.6	.5	.0	.0	.0	.0	.4	.4	.0	.0	.4	.2	.0	.0
310.	*	.5	.7	.8	.7	.5	.0	.0	.0	.0	.3	.3	.0	.0	.4	.1	.0	.0
315.	*	.5	.7	.8	.7	.6	.0	.0	.0	.0	.3	.4	.0	.0	.3	.0	.0	.0
320.	*	.5	.8	.8	.7	.6	.0	.0	.0	.0	.4	.4	.0	.0	.3	.0	.0	.0
325.	*	.4	.7	.9	.7	.6	.0	.0	.0	.0	.4	.4	.1	.0	.3	.0	.0	.0
330.	*	.4	.6	.9	.8	.7	.0	.0	.0	.1	.4	.4	.2	.0	.0	.0	.0	.0
335.	*	.5	.5	.8	.8	.7	.0	.0	.0	.2	.4	.5	.4	.2	.0	.0	.0	.0
340.	*	.5	.5	.9	.8	.7	.0	.0	.0	.2	.3	.6	.3	.2	.0	.0	.1	.0

S27NB30A.OUT

345.	*	.6	.7	.8	.8	.7	.0	.0	.0	.3	.3	.6	.4	.2	.0	.0	.1	.1
350.	*	.6	.7	.8	.6	.7	.1	.1	.0	.2	.4	.6	.4	.3	.0	.0	.1	.1
355.	*	.6	.6	.8	.5	.7	.1	.2	.0	.2	.4	.7	.5	.6	.0	.0	.2	.3
360.	*	.4	.3	.4	.4	.5	.3	.3	.0	.2	.5	.6	.6	.5	.0	.0	.3	.3
MAX	*	.7	1.0	.9	.8	.7	.5	.7	.4	.3	.6	.8	.6	.6	.5	.3	.7	.6
DEGR.	*	40	195	325	330	205	25	60	35	20	70	85	0	5	290	235	20	10

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 195 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 325 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 85 DEGREES FROM REC11 .

1

JOB: I-270 /US15 CORRIDOR STUDY NB30A
 DATE: 12/20/2006 TIME: 11:53:27.99

RUN: SITE 27 NB30AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 40	REC2 195	REC3 325	REC4 330	REC5 205	REC6 25	REC7 60	REC8 35	REC9 20	REC10 70	REC11 85	REC12 0	REC13 5	REC14 290	REC15 235	REC16 20	REC17 10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.2	.2	.2	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
22	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
26	*	.0	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
27	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB30A

RUN: SITE 27 NB30AM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 40	REC2 195	REC3 325	REC4 330	REC5 205	REC6 25	REC7 60	REC8 35	REC9 20	REC10 70	REC11 85	REC12 0	REC13 5	REC14 290	REC15 235	REC16 20	REC17 10
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1
51	*	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

S27NB30P.DAT										
I-270 /US15 CORRIDOR STUDY	NB30P	60.0175.0.0000.000170.30480000	11	1						
R1 SW CORNER ON RAMP	196657.	623969.	5.0							
R2 SW 25M S ON RAMP	196634.	623886.	5.0							
R3 SW 50M S ON RAMP	196633.	623814.	5.0							
R4 SW 75M S ON RAMP	196638.	623731.	5.0							
R5 SW 100M S ON RAMP	196635.	623627.	5.0							
R6 SB OFF RAMP	196518.	624062.	5.0							
R7 SB OFF RAMP	196532.	623928.	5.0							
R8 SB OFF RAMP	196460.	624262.	5.0							
R9 SB OFF RAMP	196348.	624487.	5.0							
R10 SB ON RAMP	196793.	624015.	5.0							
R11 SB ON RAMP	196962.	624006.	5.0							
R12 SB ON RAMP	197079.	623822.	5.0							
R13 SB ON RAMP	197227.	623485.	5.0							
R14 NB OFF RAMP	197451.	623580.	5.0							
R15 NB OFF RAMP	197472.	623893.	5.0							
R16 85 WB	196546.	623727.	5.0							
R17 85 WB	196555.	623544.	5.0							
SITE 27 NB30PM		57	1	1						
1	270 SB	AG196288.625210.196491.624946.	5150.	2.9	0.44.0	42				
2	270 SB	AG196490.624947.196673.624676.	5150.	2.9	0.44.0	42				
3	270 SB	AG196673.624676.196877.624349.	3650.	2.9	0.44.0	42				
4	270 SB	AG196877.624349.197070.624013.	2600.	2.9	0.44.0	42				
5	270 SB	AG197070.624013.197233.623678.	2600.	2.9	0.44.0	42				
6	270 SB	AG197233.623678.197445.623169.	2600.	2.9	0.44.0	42				
7	270 SB	AG197445.623169.197616.622670.	3250.	2.9	0.44.0	42				
8	270 NB	AG197411.623413.197566.623006.	7300.	2.6	0.44.0	32				
9	270 NB	AG197566.623006.197678.622679.	7300.	2.6	0.44.0	32				
10	270 NB	AG197411.623410.197232.623835.	7300.	2.6	0.44.0	32				
11	270 NB	AG197233.623832.197144.624013.	7300.	2.6	0.44.0	32				
12	270 NB	AG197145.624011.196936.624369.	6325.	2.6	0.44.0	32				
13	270 NB	AG196936.624368.196694.624752.	6325.	2.6	0.44.0	32				
14	270 NB	AG196695.624751.196358.625250.	6325.	2.6	0.44.0	32				
15	270 SB OFF	AG196033.625198.196112.625013.	1500.	2.6	0.44.0	32				
16	270 SB OFF	AG196115.625011.196320.624584.	1500.	2.6	0.44.0	32				
17	270 SB OFF	AG196321.624584.196403.624475.	1500.	2.6	0.44.0	32				
18	270 SB OFF	AG196407.624472.196475.624384.	1500.	2.6	0.44.0	32				
19	270 SB OFF	AG196475.624384.196522.624279.	1500.	2.6	0.44.0	32				
20	270 SB OFF	AG196522.624279.196560.624070.	1500.	2.6	0.44.0	32				
21	85 WB	AG196562.624068.196597.623528.	3650.	2.8	0.70.0	40				
22	85 WB	AG196600.623524.196601.623214.	3650.	2.8	0.70.0	40				
23	85 WB	AG196601.623214.196532.622887.	3650.	2.8	0.70.0	40				
24	85 EB	AG196546.622890.196617.623210.	1875.	2.8	0.50.0	40				
25	85 EB	AG196617.623210.196607.623656.	1875.	2.8	0.50.0	40				
26	85 EB	AG196610.623653.196590.623910.	1875.	2.8	0.50.0	40				
27	85 EB	AG196590.623907.196573.624203.	1425.	2.8	0.50.0	40				
28	85 EB	AG196582.624205.196550.624779.	2475.	2.8	0.50.0	40				
29	85 EB	AG196552.624778.196527.625236.	2475.	2.8	0.50.0	40				
30	85 WB	AG196511.625230.196531.624774.	1775.	2.8	0.70.0	40				
31	85 WB	AG196539.624773.196569.624202.	1775.	2.8	0.70.0	40				
32	85 WB ON	RAG196519.624774.196507.624634.	1625.	2.8	0.44.0	40				
33	85 WB ON	RAG196507.624634.196464.624587.	1625.	2.8	0.44.0	40				
34	85 WB ON	RAG196464.624587.196396.624578.	1625.	2.8	0.44.0	40				
35	85 WB ON	RAG196396.624578.196338.624613.	1625.	2.8	0.44.0	40				
36	85 WB ON	RAG196338.624613.196083.625143.	1625.	2.8	0.44.0	40				
37	270 SB OFF	AG196861.624341.196900.624263.	1050.	2.9	0.44.0	42				
38	270 SB OFF	AG196900.624263.196899.624183.	1050.	2.9	0.44.0	42				
39	270 SB OFF	AG196899.624183.196831.624092.	1050.	2.9	0.44.0	42				
40	270 SB OFF	AG196831.624092.196731.624071.	1050.	2.9	0.44.0	42				
41	270 SB OFF	AG196731.624071.196642.624113.	1050.	2.9	0.44.0	42				
42	270 SB OFF	AG196642.624113.196583.624210.	1050.	2.9	0.44.0	42				
43	270 NB OFF	AG197151.624008.197101.624125.	975.	2.6	0.44.0	32				

44	270 NB OFFAG197101.624125.197041.624262.	975. 2.6	S27NB30P.DAT 0.44.0	32
45	270 NB OFFAG197041.624262.197025.624394.	975. 2.6	0.44.0	32
46	270 NB OFFAG197025.624394.197040.624558.	975. 2.6	0.44.0	32
47	270 NB OFFAG197040.624558.197024.624693.	975. 2.6	0.44.0	32
48	270 NB OFFAG197025.624689.196915.624932.	975. 2.6	0.44.0	32
49	270 NB OFFAG196915.624932.196745.625282.	975. 2.6	0.44.0	32
50	270 ON RMPAG196605.623753.196611.623932.	650. 2.6	0.44.0	32
51	270 ON RMPAG196611.623932.196656.624000.	650. 2.6	0.44.0	32
52	270 ON RMPAG196656.624000.196731.624044.	650. 2.6	0.44.0	32
53	270 ON RMPAG196731.624044.196915.624054.	650. 2.6	0.44.0	32
54	270 ON RMPAG196915.624054.197026.624006.	650. 2.6	0.44.0	32
55	270 ON RMPAG197026.624006.197090.623923.	650. 2.6	0.44.0	32
56	270 ON RMPAG197090.623923.197238.623624.	650. 2.6	0.44.0	32
57	270 ON RMPAG197238.623624.197293.623533.	650. 2.6	0.44.0	32
1.0	0.4 1000. 0.0Y 5 0 72			

JOB: I-270 /US15 CORRIDOR STUDY NB30P
DATE: 12/20/2006 TIME: 11:53:56.66

RUN: SITE 27 NB30PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	270 SB	* 196288.0	625210.0	196491.0	624946.0	*	333.	142. AG	5150.	2.9	.0	44.0	
2. 2	270 SB	* 196490.0	624947.0	196673.0	624676.0	*	327.	146. AG	5150.	2.9	.0	44.0	
3. 3	270 SB	* 196673.0	624676.0	196877.0	624349.0	*	385.	148. AG	3650.	2.9	.0	44.0	
4. 4	270 SB	* 196877.0	624349.0	197070.0	624013.0	*	387.	150. AG	2600.	2.9	.0	44.0	
5. 5	270 SB	* 197070.0	624013.0	197233.0	623678.0	*	373.	154. AG	2600.	2.9	.0	44.0	
6. 6	270 SB	* 197233.0	623678.0	197445.0	623169.0	*	551.	157. AG	2600.	2.9	.0	44.0	
7. 7	270 SB	* 197445.0	623169.0	197616.0	622670.0	*	527.	161. AG	3250.	2.9	.0	44.0	
8. 8	270 NB	* 197411.0	623413.0	197566.0	623006.0	*	435.	159. AG	7300.	2.6	.0	44.0	
9. 9	270 NB	* 197566.0	623006.0	197678.0	622679.0	*	346.	161. AG	7300.	2.6	.0	44.0	
10. 10	270 NB	* 197411.0	623410.0	197232.0	623835.0	*	461.	337. AG	7300.	2.6	.0	44.0	
11. 11	270 NB	* 197233.0	623832.0	197144.0	624013.0	*	202.	334. AG	7300.	2.6	.0	44.0	
12. 12	270 NB	* 197145.0	624011.0	196936.0	624369.0	*	415.	330. AG	6325.	2.6	.0	44.0	
13. 13	270 NB	* 196936.0	624368.0	196694.0	624752.0	*	454.	328. AG	6325.	2.6	.0	44.0	
14. 14	270 NB	* 196695.0	624751.0	196358.0	625250.0	*	602.	326. AG	6325.	2.6	.0	44.0	
15. 15	270 SB OFF*	196033.0	625198.0	196112.0	625013.0	*	201.	157. AG	1500.	2.6	.0	44.0	
16. 16	270 SB OFF*	196115.0	625011.0	196320.0	624584.0	*	474.	154. AG	1500.	2.6	.0	44.0	
17. 17	270 SB OFF*	196321.0	624584.0	196403.0	624475.0	*	136.	143. AG	1500.	2.6	.0	44.0	
18. 18	270 SB OFF*	196407.0	624472.0	196475.0	624384.0	*	111.	142. AG	1500.	2.6	.0	44.0	
19. 19	270 SB OFF*	196475.0	624384.0	196522.0	624279.0	*	115.	156. AG	1500.	2.6	.0	44.0	
20. 20	270 SB OFF*	196522.0	624279.0	196560.0	624070.0	*	212.	170. AG	1500.	2.6	.0	44.0	
21. 21	85 WB	* 196562.0	624068.0	196597.0	623528.0	*	541.	176. AG	3650.	2.8	.0	70.0	
22. 22	85 WB	* 196600.0	623524.0	196601.0	623214.0	*	310.	180. AG	3650.	2.8	.0	70.0	
23. 23	85 WB	* 196601.0	623214.0	196532.0	622887.0	*	334.	192. AG	3650.	2.8	.0	70.0	
24. 24	85 EB	* 196546.0	622890.0	196617.0	623210.0	*	328.	13. AG	1875.	2.8	.0	50.0	
25. 25	85 EB	* 196617.0	623210.0	196607.0	623656.0	*	446.	359. AG	1875.	2.8	.0	50.0	
26. 26	85 EB	* 196610.0	623653.0	196590.0	623910.0	*	258.	356. AG	1875.	2.8	.0	50.0	
27. 27	85 EB	* 196590.0	623907.0	196573.0	624203.0	*	296.	357. AG	1425.	2.8	.0	50.0	
28. 28	85 EB	* 196582.0	624205.0	196550.0	624779.0	*	575.	357. AG	2475.	2.8	.0	50.0	
29. 29	85 EB	* 196552.0	624778.0	196527.0	625236.0	*	459.	357. AG	2475.	2.8	.0	50.0	
30. 30	85 WB	* 196511.0	625230.0	196531.0	624774.0	*	456.	177. AG	1775.	2.8	.0	70.0	
31. 31	85 WB	* 196539.0	624773.0	196569.0	624202.0	*	572.	177. AG	1775.	2.8	.0	70.0	
32. 32	85 WB ON R*	196519.0	624774.0	196507.0	624634.0	*	141.	185. AG	1625.	2.8	.0	44.0	
33. 33	85 WB ON R*	196507.0	624634.0	196464.0	624587.0	*	64.	222. AG	1625.	2.8	.0	44.0	
34. 34	85 WB ON R*	196464.0	624587.0	196396.0	624578.0	*	69.	262. AG	1625.	2.8	.0	44.0	
35. 35	85 WB ON R*	196396.0	624578.0	196338.0	624613.0	*	68.	301. AG	1625.	2.8	.0	44.0	
36. 36	85 WB ON R*	196338.0	624613.0	196083.0	625143.0	*	588.	334. AG	1625.	2.8	.0	44.0	
37. 37	270 SB OFF*	196861.0	624341.0	196900.0	624263.0	*	87.	153. AG	1050.	2.9	.0	44.0	
38. 38	270 SB OFF*	196900.0	624263.0	196899.0	624183.0	*	80.	181. AG	1050.	2.9	.0	44.0	
39. 39	270 SB OFF*	196899.0	624183.0	196831.0	624092.0	*	114.	217. AG	1050.	2.9	.0	44.0	
40. 40	270 SB OFF*	196831.0	624092.0	196731.0	624071.0	*	102.	258. AG	1050.	2.9	.0	44.0	
41. 41	270 SB OFF*	196731.0	624071.0	196642.0	624113.0	*	98.	295. AG	1050.	2.9	.0	44.0	
42. 42	270 SB OFF*	196642.0	624113.0	196583.0	624210.0	*	114.	329. AG	1050.	2.9	.0	44.0	
43. 43	270 NB OFF*	197151.0	624008.0	197101.0	624125.0	*	127.	337. AG	975.	2.6	.0	44.0	
44. 44	270 NB OFF*	197101.0	624125.0	197041.0	624262.0	*	150.	336. AG	975.	2.6	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB30P
DATE: 12/20/2006 TIME: 11:53:56.66

RUN: SITE 27 NB30PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	270 NB OFF*	197041.0	624262.0	197025.0	624394.0	*	133.	353. AG	975.	2.6	.0	44.0	
46. 46	270 NB OFF*	197025.0	624394.0	197040.0	624558.0	*	165.	5. AG	975.	2.6	.0	44.0	
47. 47	270 NB OFF*	197040.0	624558.0	197024.0	624693.0	*	136.	353. AG	975.	2.6	.0	44.0	
48. 48	270 NB OFF*	197025.0	624689.0	196915.0	624932.0	*	267.	336. AG	975.	2.6	.0	44.0	
49. 49	270 NB OFF*	196915.0	624932.0	196745.0	625282.0	*	389.	334. AG	975.	2.6	.0	44.0	
50. 50	270 ON RMP*	196605.0	623753.0	196611.0	623932.0	*	179.	2. AG	650.	2.6	.0	44.0	
51. 51	270 ON RMP*	196611.0	623932.0	196656.0	624000.0	*	82.	33. AG	650.	2.6	.0	44.0	
52. 52	270 ON RMP*	196656.0	624000.0	196731.0	624044.0	*	87.	60. AG	650.	2.6	.0	44.0	
53. 53	270 ON RMP*	196731.0	624044.0	196915.0	624054.0	*	184.	87. AG	650.	2.6	.0	44.0	
54. 54	270 ON RMP*	196915.0	624054.0	197026.0	624006.0	*	121.	113. AG	650.	2.6	.0	44.0	
55. 55	270 ON RMP*	197026.0	624006.0	197090.0	623923.0	*	105.	142. AG	650.	2.6	.0	44.0	
56. 56	270 ON RMP*	197090.0	623923.0	197238.0	623624.0	*	334.	154. AG	650.	2.6	.0	44.0	
57. 57	270 ON RMP*	197238.0	623624.0	197293.0	623533.0	*	106.	149. AG	650.	2.6	.0	44.0	

JOB: I-270 /US15 CORRIDOR STUDY NB30P
DATE: 12/20/2006 TIME: 11:53:56.66

RUN: SITE 27 NB30PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196657.0	623969.0	5.0	*
2. R2 SW 25M S ON RAMP	*	196634.0	623886.0	5.0	*
3. R3 SW 50M S ON RAMP	*	196633.0	623814.0	5.0	*
4. R4 SW 75M S ON RAMP	*	196638.0	623731.0	5.0	*
5. R5 SW 100M S ON RAMP	*	196635.0	623627.0	5.0	*
6. R6 SB OFF RAMP	*	196518.0	624062.0	5.0	*

S27NB30P.OUT

7.	R7	SB	OFF	RAMP	*	196532.0	623928.0	5.0	*
8.	R8	SB	OFF	RAMP	*	196460.0	624262.0	5.0	*
9.	R9	SB	OFF	RAMP	*	196348.0	624487.0	5.0	*
10.	R10	SB	ON	RAMP	*	196793.0	624015.0	5.0	*
11.	R11	SB	ON	RAMP	*	196962.0	624006.0	5.0	*
12.	R12	SB	ON	RAMP	*	197079.0	623822.0	5.0	*
13.	R13	SB	ON	RAMP	*	197227.0	623485.0	5.0	*
14.	R14	NB	OFF	RAMP	*	197451.0	623580.0	5.0	*
15.	R15	NB	OFF	RAMP	*	197472.0	623893.0	5.0	*
16.	R16	85	WB		*	196546.0	623727.0	5.0	*
17.	R17	85	WB		*	196555.0	623544.0	5.0	*

1

JOB: I-270 /US15 CORRIDOR STUDY NB30P

RUN: SITE 27 NB30PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.1	.1	.1	.2	.3	.4	.5	.1	.2	.3	.4	.4	.4	.0	.0	.4	.5
5.	*	.1	.0	.0	.1	.2	.4	.6	.2	.3	.3	.4	.3	.5	.0	.0	.4	.5
10.	*	.1	.1	.1	.1	.2	.3	.5	.5	.3	.2	.4	.3	.3	.0	.0	.5	.5
15.	*	.2	.1	.1	.1	.0	.3	.5	.5	.2	.1	.4	.3	.3	.0	.0	.5	.5
20.	*	.1	.1	.1	.0	.0	.5	.5	.5	.3	.2	.4	.3	.3	.0	.0	.5	.6
25.	*	.1	.1	.0	.0	.0	.4	.5	.3	.3	.1	.4	.4	.3	.0	.0	.5	.6
30.	*	.1	.0	.0	.0	.1	.4	.5	.4	.3	.3	.4	.3	.3	.0	.0	.5	.5
35.	*	.0	.0	.1	.1	.1	.3	.5	.4	.3	.3	.4	.3	.3	.0	.0	.5	.4
40.	*	.1	.1	.1	.1	.1	.3	.4	.4	.3	.3	.4	.3	.3	.0	.0	.4	.4
45.	*	.1	.1	.1	.1	.0	.3	.4	.5	.4	.3	.4	.3	.3	.0	.0	.5	.4
50.	*	.1	.1	.1	.1	.0	.2	.5	.5	.3	.3	.4	.3	.3	.0	.0	.5	.4
55.	*	.1	.1	.1	.0	.0	.2	.5	.5	.3	.3	.4	.3	.3	.0	.0	.4	.4
60.	*	.1	.1	.1	.0	.0	.3	.5	.5	.3	.3	.4	.3	.3	.0	.0	.4	.4
65.	*	.1	.1	.0	.0	.0	.4	.5	.4	.3	.3	.4	.3	.3	.0	.0	.4	.4
70.	*	.1	.1	.0	.0	.0	.4	.5	.3	.3	.2	.4	.3	.3	.0	.0	.4	.4
75.	*	.1	.0	.0	.0	.0	.4	.5	.2	.4	.2	.3	.3	.3	.0	.0	.4	.5
80.	*	.1	.0	.1	.0	.1	.3	.4	.2	.4	.1	.4	.3	.3	.0	.0	.4	.5
85.	*	.0	.1	.0	.1	.1	.4	.4	.4	.4	.1	.4	.3	.3	.0	.0	.4	.5
90.	*	.1	.1	.0	.1	.1	.4	.4	.4	.4	.2	.3	.3	.3	.0	.0	.5	.5
95.	*	.1	.0	.1	.1	.1	.3	.4	.4	.4	.1	.3	.4	.3	.0	.0	.5	.3
100.	*	.1	.1	.1	.1	.1	.3	.4	.4	.3	.1	.3	.3	.3	.0	.0	.5	.4
105.	*	.1	.1	.1	.1	.0	.3	.6	.4	.4	.2	.3	.3	.4	.0	.0	.5	.4
110.	*	.1	.1	.1	.1	.0	.3	.5	.3	.4	.3	.3	.3	.3	.0	.0	.4	.4
115.	*	.1	.1	.1	.0	.0	.5	.5	.1	.3	.3	.4	.3	.3	.0	.0	.4	.3
120.	*	.1	.1	.0	.0	.0	.5	.4	.1	.2	.1	.3	.3	.4	.0	.0	.4	.4
125.	*	.1	.0	.0	.0	.0	.4	.4	.1	.2	.1	.3	.3	.3	.0	.0	.4	.4
130.	*	.0	.0	.0	.0	.0	.4	.4	.1	.2	.1	.3	.4	.3	.0	.0	.4	.4
135.	*	.0	.0	.0	.0	.0	.4	.5	.2	.1	.1	.2	.5	.3	.0	.0	.4	.4
140.	*	.0	.0	.0	.0	.0	.4	.5	.2	.0	.0	.2	.5	.3	.0	.0	.6	.5
145.	*	.0	.0	.0	.0	.0	.5	.5	.3	.0	.0	.3	.3	.4	.0	.0	.6	.5
150.	*	.0	.0	.0	.0	.0	.5	.5	.3	.0	.0	.2	.3	.4	.0	.0	.5	.5
155.	*	.0	.0	.0	.0	.0	.6	.5	.1	.1	.0	.0	.2	.3	.1	.0	.6	.4
160.	*	.0	.0	.0	.0	.0	.5	.5	.1	.1	.0	.0	.0	.0	.2	.0	.6	.4
165.	*	.0	.0	.0	.0	.2	.5	.5	.1	.1	.0	.0	.0	.0	.3	.0	.5	.4
170.	*	.0	.1	.1	.2	.2	.4	.6	.1	.0	.0	.0	.0	.0	.4	.1	.5	.5
175.	*	.0	.2	.4	.3	.4	.3	.4	.1	.0	.0	.0	.0	.0	.4	.1	.5	.4
180.	*	.1	.4	.5	.4	.5	.2	.2	.1	.0	.0	.0	.0	.0	.4	.2	.4	.3
185.	*	.2	.6	.5	.5	.7	.1	.2	.0	.0	.0	.0	.0	.0	.4	.2	.2	.2
190.	*	.3	.6	.7	.5	.8	.1	.1	.0	.0	.0	.0	.0	.0	.4	.2	.1	.1
195.	*	.3	.6	.7	.5	.7	.0	.1	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0
200.	*	.3	.6	.5	.6	.7	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0
205.	*	.3	.6	.5	.5	.6	.0	.0	.0	.0	.1	.0	.0	.0	.4	.2	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB30P

RUN: SITE 27 NB30PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.3	.6	.6	.6	.6	.0	.0	.0	.0	.1	.0	.0	.0	.3	.1	.0	.0
215.	*	.4	.6	.6	.5	.6	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
220.	*	.4	.6	.6	.5	.5	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
225.	*	.4	.5	.6	.5	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
230.	*	.3	.4	.6	.5	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
235.	*	.4	.4	.6	.5	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
240.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
245.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
250.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0
255.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.2	.0	.0
260.	*	.4	.4	.4	.4	.5	.0	.0	.0	.0	.1	.1	.1	.0	.4	.2	.0	.0
265.	*	.4	.4	.5	.4	.5	.0	.0	.0	.0	.1	.1	.1	.0	.4	.1	.0	.0
270.	*	.4	.4	.4	.4	.5	.0	.0	.0	.0	.1	.0	.1	.0	.4	.1	.0	.0
275.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.0	.1	.0	.4	.1	.0	.0
280.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.1	.0	.0	.0	.4	.1	.0	.0
285.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
290.	*	.4	.4	.4	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
295.	*	.4	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0
300.	*	.4	.5	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0
305.	*	.4	.5	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0
310.	*	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0	.0
315.	*	.3	.5	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0
320.	*	.3	.5	.6	.5	.5	.0	.0	.0	.0	.1	.1	.0	.0	.4	.0	.0	.0
325.	*	.3	.4	.6	.5	.6	.0	.0	.0	.1	.1	.1	.0	.0	.3	.0	.0	.0
330.	*	.2	.3	.5	.5	.7	.0	.0	.0	.2	.1	.1	.0	.0	.3	.0	.0	.0
335.	*	.2	.3	.6	.5	.7	.0	.0	.0	.3	.2	.4	.2	.0	.2	.0	.1	.0
340.	*	.4	.3	.6	.6	.7	.0	.1	.0	.3	.2	.5	.3	.2	.0	.0	.1	.1

S27NB30P.OUT

345.	*	.3	.3	.5	.6	.7	.0	.1	.0	.3	.2	.4	.3	.3	.0	.0	.1	.1
350.	*	.4	.3	.5	.3	.6	.0	.1	.0	.3	.4	.4	.4	.4	.0	.0	.2	.2
355.	*	.2	.3	.4	.2	.6	.4	.3	.1	.2	.3	.4	.4	.5	.0	.0	.3	.3
360.	*	.1	.1	.1	.2	.3	.4	.5	.1	.2	.3	.4	.4	.4	.0	.0	.4	.5
MAX	*	.4	.6	.7	.6	.8	.6	.5	.5	.4	.4	.5	.5	.5	.5	.2	.6	.6
DEGR.	*	215	185	190	200	190	155	5	10	45	350	340	135	5	310	180	140	20

THE HIGHEST CONCENTRATION IS .80 PPM AT 190 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 190 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 185 DEGREES FROM REC2 .

1

JOB: I-270 /US15 CORRIDOR STUDY NB30P
 DATE: 12/20/2006 TIME: 11:53:56.66

RUN: SITE 27 NB30PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 215	REC2 185	REC3 190	REC4 200	REC5 190	REC6 155	REC7 5	REC8 10	REC9 45	REC10 350	REC11 340	REC12 135	REC13 5	REC14 310	REC15 180	REC16 140	REC17 20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.2	.2	.3	.3	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4
22	*	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
26	*	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
27	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I-270 /US15 CORRIDOR STUDY NB30P

RUN: SITE 27 NB30PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 215	REC2 185	REC3 190	REC4 200	REC5 190	REC6 155	REC7 5	REC8 10	REC9 45	REC10 350	REC11 340	REC12 135	REC13 5	REC14 310	REC15 180	REC16 140	REC17 20
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S27 B130AM 270&85 60.0108.0.0000.000170.30480000 S27B130A.DAT 11 1

R1 SW CORNER ON RAMP	196665.	623968.	6.0
R2 SW 25M S ON RAMP	196665.	623886.	6.0
R3 SW 50M S ON RAMP	196672.	623814.	6.0
R4 SW 75M S ON RAMP	196678.	623729.	6.0
R5 SW 100M S ON RAMP	196683.	623623.	6.0
R6 SB OFF RAMP	196477.	624062.	6.0
196479.	196484.	623923.	6.0
R8 SB OFF RAMP	196456.	624295.	6.0
196453.	624315.	624487.	6.0
R10 SB ON RAMP	196793.	624015.	6.0
R11 SB ON RAMP	196962.	624006.	6.0
R12 SB ON RAMP	197079.	623822.	6.0
R13 SB ON RAMP	197227.	623485.	6.0
R14 NB OFF RAMP	197451.	623580.	6.0
R15 NB OFF RAMP	197472.	623893.	6.0
R16 85 WB	196505.	623726.	6.0
R17 85 WB	196516.	623544.	6.0
S27 B130AM		33	1 0
1			
1	WB 85	AG196545.625070.196620.623698.	1950 2.8 0 80 40.
0	1	WB 85	AG196620.623698.196607.623077.
1		EB 85	AG196536.623084.196573.623667.
0	1	EB 85	AG196573.623667.196477.625064.
1		Ramp bwt85AG197083.623888.196989.624015.	1800 2.8 0 32 40.
0	1	Ramp bwt85AG196989.624015.196893.624065.	1800 2.8 0 32 40.
0	1	Ramp bwt85AG196893.624065.196623.624055.	1800 2.8 0 32 40.
1		NB 270	AG196471.625061.196797.624568.
0	1	NB 270	AG196797.624568.197213.623841.
0	1	NB 270	AG197213.623841.197393.623435.
0	1	SB 270	AG197334.623363.196943.624192.
0	1	SB 270	AG196943.624192.196387.625043.
1		NB 270 to	AG196902.625034.197140.624523.
0	1	NB 270 to	AG197140.624523.197258.623939.
0	1	NB 270 to	AG197258.623939.197344.623646.
0	1	NB 270 to	AG196638.625076.196737.624806.
0	1	NB 270 to	AG196737.624806.197199.623946.
0	1	NB 270 to	AG197199.623946.197423.623477.
0	1	S Cir	AG196704.625067.196865.624859.
0	1	S Cir	AG196865.624859.197019.624687.
0	1	S Cir	AG197019.624687.197075.624522.
0	1	S Cir	AG197075.624522.197050.624339.
0	1	S Cir	AG197050.624339.196915.624189.
0	1	S Cir	AG196915.624189.196740.624131.
0	1	S Cir	AG196740.624131.196527.624181.
0	1	S Cir	AG196527.624181.196392.624335.
0	1	S Cir	AG196392.624335.196323.624487.
0	1	S Cir	AG196323.624487.196103.624932.
1		SB to 85	AG196486.624233.196457.624516.
0	1	SB to 85	AG196457.624516.196405.624718.
1		from N CirSB to 85	AG196394.624714.196323.624855.
1		from N CirSB to 85	AG196323.624855.196213.624992.
1		from 270 SB to 85	AG196413.624722.196309.625022.
1.0	0.4 1000. 0.0Y	5	0 72

JOB: S27 B130AM 270&85
DATE: 12/22/2006 TIME: 22:59:42.44

RUN: S27 B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	1950.	2.8	.0	80.0	
2. WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	1950.	2.8	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	2525.	2.8	.0	56.0	
4. EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	2525.	2.8	.0	56.0	
5. Ramp bwt85*	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	1800.	2.8	.0	32.0	
6. Ramp bwt85*	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	1800.	2.8	.0	32.0	
7. Ramp bwt85*	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	1800.	2.8	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	3475.	3.8	.0	68.0	
9. NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	3475.	3.8	.0	68.0	
10. NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	3475.	3.8	.0	68.0	
11. SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	7525.	3.6	.0	68.0	
12. SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	7525.	3.6	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	375.	2.8	.0	68.0	
14. NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	375.	2.8	.0	68.0	
15. NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	375.	2.8	.0	68.0	
16. NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	400.	2.8	.0	68.0	
17. NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	400.	2.8	.0	68.0	
18. NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	400.	2.8	.0	68.0	
19. S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	625.	2.8	.0	68.0	
20. S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	625.	2.8	.0	68.0	
21. S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	625.	2.8	.0	68.0	
22. S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	625.	2.8	.0	68.0	
23. S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	625.	2.8	.0	68.0	
24. S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	625.	2.8	.0	68.0	
25. S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	625.	2.8	.0	68.0	
26. S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	625.	2.8	.0	68.0	
27. S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	625.	2.8	.0	68.0	
28. S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	625.	2.8	.0	68.0	
29. SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	1800.	2.8	.0	44.0	
30. SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	1800.	2.8	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	375.	2.8	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	375.	2.8	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1400.	2.8	.0	32.0	

JOB: S27 B130AM 270&85
DATE: 12/22/2006 TIME: 22:59:42.44

RUN: S27 B130AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B130AM 270&85

RUN: S27 B130AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI	* RECI
0.	*	.5	.4	.4	.3	.2	.3	.4	.0	.6	1.2	1.4	1.2	.0	.0	.4	.3
5.	*	.5	.3	.3	.3	.2	.6	.4	.7	.0	.5	1.1	1.4	1.2	.0	.4	.4
10.	*	.3	.2	.2	.2	.1	.6	.5	.9	.0	.5	1.1	1.2	1.1	.0	.4	.5
15.	*	.4	.3	.3	.2	.2	.6	.4	.8	.0	.5	1.1	1.2	1.1	.0	.4	.4
20.	*	.4	.3	.2	.2	.3	.6	.4	.8	.0	.4	1.1	1.1	1.0	.0	.4	.4

S27B130A.OUT

25.	*	.4	.3	.2	.3	.3	.5	.4	.8	.0	.4	1.0	1.1	1.0	.0	.0	.4	.4
30.	*	.4	.2	.3	.3	.2	.4	.4	.8	.0	.5	1.0	1.0	1.0	.0	.0	.4	.5
35.	*	.4	.2	.3	.2	.2	.4	.5	.8	.0	.5	1.0	1.0	.9	.0	.0	.5	.5
40.	*	.3	.3	.3	.2	.2	.5	.5	.7	.0	.4	1.0	1.0	.9	.0	.0	.5	.5
45.	*	.4	.3	.2	.2	.2	.5	.4	.7	.0	.5	.9	.9	.9	.0	.0	.6	.5
50.	*	.4	.2	.2	.2	.2	.4	.4	.6	.0	.5	.9	.9	.9	.0	.0	.5	.4
55.	*	.4	.2	.3	.3	.2	.4	.4	.6	.0	.4	.9	1.0	.9	.0	.0	.5	.4
60.	*	.3	.3	.3	.3	.1	.4	.5	.7	.0	.4	.9	1.0	.9	.0	.0	.4	.4
65.	*	.4	.3	.3	.3	.1	.4	.4	.7	.0	.5	1.0	1.0	.9	.0	.0	.4	.4
70.	*	.3	.3	.3	.3	.1	.4	.4	.7	.0	.4	1.0	.9	.9	.0	.0	.3	.4
75.	*	.3	.3	.3	.2	.1	.5	.4	.7	.0	.5	1.0	1.0	.9	.0	.0	.3	.4
80.	*	.3	.3	.3	.2	.2	.4	.4	.7	.0	.5	1.0	.9	.9	.0	.0	.3	.4
85.	*	.3	.3	.2	.2	.2	.5	.4	.7	.0	.4	1.0	.9	.9	.0	.0	.3	.4
90.	*	.3	.3	.2	.3	.2	.5	.3	.7	.0	.4	1.0	1.0	.9	.0	.0	.3	.4
95.	*	.3	.2	.3	.3	.2	.5	.3	.6	.0	.4	1.0	.9	.9	.0	.0	.3	.4
100.	*	.3	.2	.3	.3	.1	.6	.3	.6	.0	.4	.9	1.0	.9	.0	.0	.3	.4
105.	*	.2	.3	.3	.3	.1	.4	.3	.6	.0	.4	1.1	1.1	.9	.0	.0	.2	.3
110.	*	.3	.3	.3	.1	.1	.4	.3	.6	.0	.4	1.1	1.1	.9	.0	.0	.3	.3
115.	*	.3	.3	.2	.1	.1	.4	.3	.7	.0	.5	1.1	1.2	.9	.0	.0	.3	.3
120.	*	.3	.2	.1	.1	.0	.3	.3	.6	.0	.4	1.1	1.2	.8	.0	.0	.2	.3
125.	*	.2	.1	.1	.1	.0	.3	.3	.6	.0	.4	1.2	1.3	.8	.0	.0	.2	.3
130.	*	.1	.1	.1	.0	.0	.4	.2	.7	.0	.4	1.2	1.4	.8	.0	.0	.3	.3
135.	*	.1	.1	.0	.0	.0	.4	.3	.6	.0	.3	1.0	1.5	.8	.0	.0	.3	.3
140.	*	.1	.0	.0	.0	.0	.3	.3	.7	.0	.2	1.0	1.4	.7	.0	.0	.3	.3
145.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.1	.9	1.4	.6	.0	.0	.2	.3
150.	*	.0	.0	.0	.0	.0	.3	.1	.6	.0	.1	.7	1.3	.4	.0	.0	.2	.3
155.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.0	.4	1.0	.3	.0	.0	.3	.3
160.	*	.0	.0	.0	.0	.0	.2	.3	.5	.0	.0	.3	.7	.2	.0	.0	.3	.3
165.	*	.0	.0	.0	.0	.0	.1	.3	.4	.0	.0	.1	.5	.1	.0	.0	.3	.3
170.	*	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.1	.3	.1	.0	.0	.3	.3
175.	*	.0	.1	.1	.1	.0	.2	.1	.3	.0	.0	.0	.2	.0	.0	.0	.1	.2
180.	*	.2	.2	.1	.1	.1	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.3	.3	.2	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
190.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.0	.0	.1	.0	.0	.2	.0	.1
195.	*	.4	.3	.3	.3	.3	.0	.0	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0
200.	*	.4	.4	.3	.3	.3	.0	.0	.1	.0	.2	.0	.1	.0	.2	.2	.0	.0
205.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.0	.1	.0	.2	.3	.0	.0

1

JOB: S27 B130AM 270&85

RUN: S27 B130AM

PAGE 4

WIND * CONCENTRATION		ANGLE (PPM)																
ANGLE (DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.3	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.4	.3	.0	.0
215.	*	.2	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0
220.	*	.2	.3	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.4	.3	.0	.0
225.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.2	.0	.0	.0	.4	.3	.0	.0
230.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.2	.0	.0	.0	.5	.3	.0	.0
235.	*	.2	.2	.2	.3	.2	.0	.0	.0	.0	.2	.0	.0	.0	.5	.3	.0	.0
240.	*	.2	.2	.2	.4	.2	.0	.0	.0	.0	.2	.0	.0	.0	.5	.3	.0	.0
245.	*	.2	.2	.2	.3	.2	.0	.0	.0	.0	.2	.0	.0	.0	.5	.3	.0	.0
250.	*	.2	.2	.2	.2	.2	.0	.0	.0	.0	.2	.0	.0	.0	.5	.3	.0	.0
255.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.5	.3	.0	.0
260.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.5	.3	.0	.0
265.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.5	.3	.0	.0
270.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.5	.3	.0	.0
275.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.1	.0	.0	.5	.3	.0	.0
280.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.1	.1	.0	.5	.3	.0	.0
285.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.1	.1	.0	.5	.3	.0	.0
290.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.5	.3	.0	.0
295.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.5	.3	.0	.0
300.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.5	.3	.0	.0
305.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.5	.4	.0	.0
310.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.3	.1	.0	.7	.3	.0	.0
315.	*	.2	.3	.3	.2	.2	.0	.0	.1	.0	.3	.3	.3	.1	.7	.3	.0	.0
320.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.3	.4	.4	.3	.5	.2	.0	.0
325.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.3	.5	.7	.4	.4	.1	.0	.0
330.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.4	.8	1.2	.7	.3	.0	.0	.0
335.	*	.3	.3	.3	.3	.2	.0	.0	.0	.0	.4	1.0	1.6	1.0	.2	.0	.0	.0
340.	*	.4	.4	.3	.3	.3	.0	.0	.1	.0	.5	1.1	1.6	1.1	.0	.0	.0	.0
345.	*	.5	.4	.4	.4	.4	.0	.0	.1	.0	.5	1.2	1.7	1.3	.0	.0	.0	.0
350.	*	.6	.4	.4	.4	.4	.2	.2	.2	.0	.5	1.2	1.7	1.3	.0	.0	.1	.1
355.	*	.6	.5	.4	.3	.3	.2	.4	.0	.5	1.2	1.6	1.3	.0	.0	.0	.2	.2
360.	*	.5	.4	.4	.3	.2	.3	.4	.0	.6	1.2	1.4	1.2	.0	.0	.4	.3	.3
MAX	*	.6	.5	.4	.4	.4	.6	.5	.9	.0	.6	1.2	1.7	1.3	.7	.4	.6	.5
DEGR.	*	350	355	0	240	345	5	10	10	0	0	0	345	345	310	305	45	10

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 345 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 0 DEGREES FROM REC11.

S27 B130PM 270&85 60.0108.0.0000.000170.30480000 S27B130P.DAT 11 1

R1 SW CORNER ON RAMP	196665.	623968.	6.0					
R2 SW 25M S ON RAMP	196665.	623886.	6.0					
R3 SW 50M S ON RAMP	196672.	623814.	6.0					
R4 SW 75M S ON RAMP	196678.	623729.	6.0					
R5 SW 100M S ON RAMP	196683.	623623.	6.0					
R6 SB OFF RAMP	196477.	624062.	6.0					
196479.	196484.	623923.	6.0					
R8 SB OFF RAMP	196456.	624295.	6.0					
196453.	624315.	624487.	6.0					
R10 SB ON RAMP	196793.	624015.	6.0					
R11 SB ON RAMP	196962.	624006.	6.0					
R12 SB ON RAMP	197079.	623822.	6.0					
R13 SB ON RAMP	197227.	623485.	6.0					
R14 NB OFF RAMP	197451.	623580.	6.0					
R15 NB OFF RAMP	197472.	623893.	6.0					
R16 85 WB	196505.	623726.	6.0					
R17 85 WB	196516.	623544.	6.0					
S27 B130PM			33	1	0			
1								
1	WB 85	AG196545.625070.196620.623698.	3750	2.8	0	80	40.	
0	1	WB 85	AG196620.623698.196607.623077.	3750	2.8	0	80	40.
1	1	EB 85	AG196536.623084.196573.623667.	1875	2.8	0	56	40.
0	1	EB 85	AG196573.623667.196477.625064.	1875	2.8	0	56	40.
1	1	Ramp bwt85AG197083.623888.196989.624015.	575	2.8	0	32	40.	
0	1	Ramp bwt85AG196989.624015.196893.624065.	575	2.8	0	32	40.	
0	1	Ramp bwt85AG196893.624065.196623.624055.	575	2.8	0	32	40.	
1	1	NB 270	AG196471.625061.196797.624568.	7725	3.7	0	68	59.
0	1	NB 270	AG196797.624568.197213.623841.	7725	3.7	0	68	59.
0	1	NB 270	AG197213.623841.197393.623435.	7725	3.7	0	68	59.
0	1	SB 270	AG197334.623363.196943.624192.	3075	3.8	0	68	60.
0	1	SB 270	AG196943.624192.196387.625043.	3075	3.8	0	68	60.
1	1	NB 270 to	AG196902.625034.197140.624523.	1100	2.8	0	68	40.
0	1	NB 270 to	AG197140.624523.197258.623939.	1100	2.8	0	68	40.
0	1	NB 270 to	AG197258.623939.197344.623646.	1100	2.8	0	68	40.
0	1	NB 270 to	AG196638.625076.196737.624806.	550	2.8	0	68	40.
0	1	NB 270 to	AG196737.624806.197199.623946.	550	2.8	0	68	40.
0	1	NB 270 to	AG197199.623946.197423.623477.	550	2.8	0	68	40.
0	1	S Cir	AG196704.625067.196865.624859.	1175	2.8	0	68	40.
0	1	S Cir	AG196865.624859.197019.624687.	1175	2.8	0	68	40.
0	1	S Cir	AG197019.624687.197075.624522.	1175	2.8	0	68	40.
0	1	S Cir	AG197075.624522.197050.624339.	1175	2.8	0	68	40.
0	1	S Cir	AG197050.624339.196915.624189.	1175	2.8	0	68	40.
0	1	S Cir	AG196915.624189.196740.624131.	1175	2.8	0	68	40.
0	1	S Cir	AG196740.624131.196527.624181.	1175	2.8	0	68	40.
0	1	S Cir	AG196527.624181.196392.624335.	1175	2.8	0	68	40.
0	1	S Cir	AG196392.624335.196323.624487.	1175	2.8	0	68	40.
0	1	S Cir	AG196323.624487.196103.624932.	1175	2.8	0	68	40.
1	1	SB to 85	AG196486.624233.196457.624516.	575	2.8	0	44	40.
0	1	SB to 85	AG196457.624516.196405.624718.	575	2.8	0	44	40.
1	1	from N CirSB to 85	AG196394.624714.196323.624855.	1100	2.8	0	32	40.
1	1	from N CirSB to 85	AG196323.624855.196213.624992.	1100	2.8	0	32	40.
1	1	from 270 SB to 85	AG196413.624722.196309.625022.	2375	2.8	0	32	40.
1.0	0.4	1000. 0.0Y	5	0	72			

JOB: S27 B130PM 270&85
DATE: 12/22/2006 TIME: 23:01:04.88

RUN: S27 B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	WB 85	* 196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	3750.	2.8	.0	80.0	
2. 0	WB 85	* 196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	3750.	2.8	.0	80.0	
3.	EB 85	* 196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1875.	2.8	.0	56.0	
4. 0	EB 85	* 196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1875.	2.8	.0	56.0	
5.	Ramp bwt85*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	575.	2.8	.0	32.0	
6. 0	Ramp bwt85*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	575.	2.8	.0	32.0	
7. 0	Ramp bwt85*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	575.	2.8	.0	32.0	
8.	NB 270	* 196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	7725.	3.7	.0	68.0	
9. 0	NB 270	* 196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	7725.	3.7	.0	68.0	
10. 0	NB 270	* 197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	7725.	3.7	.0	68.0	
11. 0	SB 270	* 197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	3075.	3.8	.0	68.0	
12. 0	SB 270	* 196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	3075.	3.8	.0	68.0	
13.	NB 270 to	* 196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	1100.	2.8	.0	68.0	
14. 0	NB 270 to	* 197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	1100.	2.8	.0	68.0	
15. 0	NB 270 to	* 197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	1100.	2.8	.0	68.0	
16. 0	NB 270 to	* 196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	550.	2.8	.0	68.0	
17. 0	NB 270 to	* 196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	550.	2.8	.0	68.0	
18. 0	NB 270 to	* 197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	550.	2.8	.0	68.0	
19. 0	S Cir	* 196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	1175.	2.8	.0	68.0	
20. 0	S Cir	* 196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	1175.	2.8	.0	68.0	
21. 0	S Cir	* 197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	1175.	2.8	.0	68.0	
22. 0	S Cir	* 197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	1175.	2.8	.0	68.0	
23. 0	S Cir	* 197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	1175.	2.8	.0	68.0	
24. 0	S Cir	* 196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	1175.	2.8	.0	68.0	
25. 0	S Cir	* 196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	1175.	2.8	.0	68.0	
26. 0	S Cir	* 196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	1175.	2.8	.0	68.0	
27. 0	S Cir	* 196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	1175.	2.8	.0	68.0	
28. 0	S Cir	* 196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	1175.	2.8	.0	68.0	
29.	SB to 85	* 196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	575.	2.8	.0	44.0	
30. 0	SB to 85	* 196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	575.	2.8	.0	44.0	
31. from N Cir	SB to 85	* 196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	1100.	2.8	.0	32.0	
32. from N Cir	SB to 85	* 196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	1100.	2.8	.0	32.0	
33. from 270	SB to 85	* 196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	2375.	2.8	.0	32.0	

JOB: S27 B130PM 270&85
DATE: 12/22/2006 TIME: 23:01:04.88

RUN: S27 B130PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B130PM 270&85

RUN: S27 B130PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.4	.4	.4	.4	.4	.4	.3	.5	.0	.3	.8	1.0	.9	.0	.0	.3	.3
5.	*	.3	.4	.4	.4	.4	.4	.4	.5	.0	.4	.8	1.0	.8	.0	.0	.5	.4
10.	*	.3	.4	.4	.4	.3	.5	.5	.5	.0	.3	.7	.8	.9	.0	.0	.5	.4
15.	*	.3	.3	.2	.2	.2	.5	.5	.7	.0	.3	.7	.8	.8	.0	.0	.5	.6
20.	*	.2	.2	.2	.2	.1	.5	.5	.7	.0	.3	.8	.8	.8	.0	.0	.6	.5

S27B130P.OUT

25.	*	.3	.3	.2	.1	.1	.5	.6	.7	.0	.3	.8	.8	.7	.0	.0	.5	.5
30.	*	.3	.3	.2	.1	.1	.6	.5	.7	.0	.3	.8	.8	.7	.0	.0	.4	.4
35.	*	.3	.3	.2	.1	.2	.6	.5	.7	.0	.3	.8	.7	.7	.0	.0	.4	.4
40.	*	.3	.2	.2	.2	.2	.5	.5	.6	.0	.3	.7	.7	.7	.0	.0	.4	.4
45.	*	.3	.2	.2	.2	.2	.5	.5	.6	.0	.3	.6	.7	.7	.0	.0	.4	.4
50.	*	.2	.3	.2	.2	.2	.5	.4	.6	.0	.3	.6	.7	.7	.0	.0	.4	.4
55.	*	.2	.3	.3	.2	.2	.5	.4	.6	.0	.3	.6	.7	.7	.0	.0	.4	.4
60.	*	.3	.3	.3	.2	.2	.5	.4	.4	.0	.3	.7	.7	.7	.0	.0	.5	.4
65.	*	.3	.3	.2	.2	.3	.5	.4	.4	.0	.3	.7	.8	.7	.0	.0	.5	.4
70.	*	.3	.3	.2	.2	.3	.4	.4	.5	.0	.3	.7	.7	.7	.0	.0	.5	.4
75.	*	.3	.3	.2	.3	.2	.4	.5	.5	.0	.3	.6	.7	.7	.0	.0	.5	.4
80.	*	.3	.2	.2	.3	.2	.4	.5	.6	.0	.3	.6	.7	.7	.0	.0	.6	.4
85.	*	.3	.2	.3	.2	.2	.5	.5	.6	.0	.3	.6	.7	.7	.0	.0	.4	.4
90.	*	.3	.3	.3	.2	.2	.5	.5	.6	.0	.3	.7	.7	.7	.0	.0	.4	.4
95.	*	.2	.3	.2	.2	.2	.5	.6	.5	.0	.3	.7	.7	.6	.0	.0	.4	.4
100.	*	.3	.3	.2	.2	.2	.5	.6	.4	.0	.3	.7	.7	.6	.0	.0	.5	.3
105.	*	.3	.2	.2	.2	.1	.6	.5	.4	.0	.4	.7	.8	.5	.0	.0	.4	.3
110.	*	.2	.2	.2	.2	.0	.6	.5	.5	.0	.4	.9	.8	.5	.0	.0	.4	.3
115.	*	.2	.2	.2	.1	.0	.5	.5	.5	.0	.3	.8	.8	.5	.0	.0	.2	.3
120.	*	.2	.2	.2	.0	.0	.5	.4	.7	.0	.4	.8	.8	.5	.0	.0	.2	.3
125.	*	.2	.2	.0	.0	.0	.5	.2	.7	.0	.3	.8	.9	.4	.0	.0	.2	.3
130.	*	.2	.0	.0	.0	.0	.3	.3	.7	.0	.3	.7	.9	.3	.0	.0	.3	.3
135.	*	.0	.0	.0	.0	.0	.3	.2	.7	.0	.2	.8	1.0	.3	.0	.0	.4	.3
140.	*	.0	.0	.0	.0	.0	.3	.2	.5	.0	.2	.5	.9	.3	.0	.0	.3	.3
145.	*	.0	.0	.0	.0	.0	.3	.3	.5	.0	.1	.5	.8	.2	.0	.0	.3	.4
150.	*	.0	.0	.0	.0	.0	.2	.3	.5	.0	.0	.3	.6	.2	.0	.0	.3	.4
155.	*	.0	.0	.0	.0	.0	.3	.3	.5	.0	.0	.3	.5	.1	.0	.0	.3	.4
160.	*	.0	.0	.0	.0	.0	.3	.2	.3	.0	.0	.1	.3	.1	.0	.0	.3	.4
165.	*	.0	.0	.0	.0	.0	.3	.3	.4	.0	.0	.1	.2	.0	.0	.0	.3	.4
170.	*	.1	.1	.1	.1	.0	.2	.2	.4	.0	.0	.0	.1	.0	.0	.0	.2	.3
175.	*	.2	.2	.1	.1	.1	.1	.2	.2	.0	.0	.0	.1	.0	.0	.0	.2	.2
180.	*	.2	.2	.2	.2	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.2	.2
185.	*	.3	.5	.3	.2	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.1
190.	*	.4	.5	.4	.4	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.0	.0
195.	*	.5	.6	.5	.4	.4	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2	.0	.0
200.	*	.5	.5	.5	.4	.4	.0	.0	.1	.0	.1	.0	.0	.0	.2	.3	.0	.0
205.	*	.4	.5	.5	.4	.4	.0	.0	.1	.0	.2	.1	.0	.0	.4	.3	.0	.0

1

JOB: S27 B130PM 270&85

RUN: S27 B130PM

PAGE 4

WIND	* CONCENTRATION																	
ANGLE	(PPM)																	
(DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	
210.	*	.4	.4	.4	.4	.0	.0	.1	.0	.2	.1	.0	.0	.4	.3	.0	.0	
215.	*	.4	.4	.3	.4	.0	.0	.1	.0	.1	.1	.0	.0	.5	.3	.0	.0	
220.	*	.4	.4	.4	.4	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	.0	
225.	*	.4	.4	.4	.4	.0	.0	.1	.0	.1	.0	.1	.0	.5	.3	.0	.0	
230.	*	.4	.4	.4	.4	.0	.0	.1	.0	.1	.0	.1	.0	.5	.3	.0	.0	
235.	*	.4	.4	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	.0	
240.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	
245.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.5	.3	.0	.0	
250.	*	.3	.3	.3	.4	.3	.0	.0	.1	.0	.1	.1	.0	.5	.4	.0	.0	
255.	*	.3	.3	.3	.4	.3	.0	.0	.1	.0	.1	.1	.0	.5	.3	.0	.0	
260.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.5	.3	.0	.0	
265.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.1	.0	.5	.4	.0	.0	
270.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	
275.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	
280.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.3	.0	
285.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.5	.4	.0	
290.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	
295.	*	.3	.4	.3	.3	.2	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	
300.	*	.4	.4	.4	.4	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	
305.	*	.4	.4	.4	.4	.3	.0	.0	.2	.0	.1	.1	.1	.0	.6	.4	.0	
310.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.1	.2	.2	.1	.7	.4	.0	
315.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.1	.2	.2	.1	.6	.4	.0	
320.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.1	.3	.3	.2	1.0	.2	.0	
325.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.2	.4	.6	.3	.9	.2	.0	
330.	*	.4	.5	.4	.4	.4	.0	.0	.2	.0	.1	.6	.7	.5	.5	.0	.0	
335.	*	.5	.5	.5	.5	.4	.0	.0	.1	.0	.3	.6	.8	.7	.3	.0	.0	
340.	*	.5	.5	.5	.5	.5	.0	.0	.0	.0	.3	.8	1.0	.9	.1	.0	.0	
345.	*	.6	.6	.5	.5	.5	.0	.0	.0	.0	.3	.8	1.1	.9	.0	.0	.0	
350.	*	.6	.7	.6	.5	.5	.0	.0	.0	.0	.4	1.0	1.0	.9	.0	.0	.1	
355.	*	.4	.5	.6	.6	.6	.3	.3	.3	.0	.3	.8	1.0	.9	.0	.0	.2	
360.	*	.4	.4	.4	.4	.4	.3	.5	.0	.3	.8	1.0	.9	.0	.0	.3	.3	
MAX	*	.6	.7	.6	.6	.6	.6	.7	.0	.4	1.0	1.1	.9	1.0	.4	.6	.6	
DEGR.	*	345	350	350	355	355	30	25	15	0	5	350	345	340	320	250	20	15

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 320 DEGREES FROM REC14.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 350 DEGREES FROM REC11.

S27 B230AM 270&85 60.0108.0.0000.000170.30480000 S27B230A.DAT 11 1

R1 SW CORNER ON RAMP	196665.	623968.	6.0
R2 SW 25M S ON RAMP	196665.	623886.	6.0
R3 SW 50M S ON RAMP	196672.	623814.	6.0
R4 SW 75M S ON RAMP	196678.	623729.	6.0
R5 SW 100M S ON RAMP	196683.	623623.	6.0
R6 SB OFF RAMP	196477.	624062.	6.0
196479.	196484.	623923.	6.0
R8 SB OFF RAMP	196456.	624295.	6.0
196453.	624315.	624487.	6.0
R10 SB ON RAMP	196793.	624015.	6.0
R11 SB ON RAMP	196962.	624006.	6.0
R12 SB ON RAMP	197079.	623822.	6.0
R13 SB ON RAMP	197227.	623485.	6.0
R14 NB OFF RAMP	197451.	623580.	6.0
R15 NB OFF RAMP	197472.	623893.	6.0
R16 85 WB	196505.	623726.	6.0
R17 85 WB	196516.	623544.	6.0
S27 B230AM		33 1 0	
1			
1	WB 85	AG196545.625070.196620.623698.	2100 2.8 0 80 40.
0	1	WB 85	AG196620.623698.196607.623077.
1		EB 85	AG196536.623084.196573.623667.
0	1	EB 85	AG196573.623667.196477.625064.
1		Ramp bwt85AG197083.623888.196989.624015.	1775 2.8 0 32 40.
0	1	Ramp bwt85AG196989.624015.196893.624065.	1775 2.8 0 32 40.
0	1	Ramp bwt85AG196893.624065.196623.624055.	1775 2.8 0 32 40.
1		NB 270	AG196471.625061.196797.624568.
0	1	NB 270	AG196797.624568.197213.623841.
0	1	NB 270	AG197213.623841.197393.623435.
0	1	SB 270	AG197334.623363.196943.624192.
0	1	SB 270	AG196943.624192.196387.625043.
1		NB 270 to	AG196902.625034.197140.624523.
0	1	NB 270 to	AG197140.624523.197258.623939.
0	1	NB 270 to	AG197258.623939.197344.623646.
0	1	NB 270 to	AG196638.625076.196737.624806.
0	1	NB 270 to	AG196737.624806.197199.623946.
0	1	NB 270 to	AG197199.623946.197423.623477.
0	1	S Cir	AG196704.625067.196865.624859.
0	1	S Cir	AG196865.624859.197019.624687.
0	1	S Cir	AG197019.624687.197075.624522.
0	1	S Cir	AG197075.624522.197050.624339.
0	1	S Cir	AG197050.624339.196915.624189.
0	1	S Cir	AG196915.624189.196740.624131.
0	1	S Cir	AG196740.624131.196527.624181.
0	1	S Cir	AG196527.624181.196392.624335.
0	1	S Cir	AG196392.624335.196323.624487.
0	1	S Cir	AG196323.624487.196103.624932.
1		SB to 85	AG196486.624233.196457.624516.
0	1	SB to 85	AG196457.624516.196405.624718.
1		from N CirSB to 85	AG196394.624714.196323.624855.
1		from N CirSB to 85	AG196323.624855.196213.624992.
1		from 270 SB to 85	AG196413.624722.196309.625022.
1.0	0.4 1000. 0.0Y	5 0 72	

JOB: S27 B230AM 270&85
DATE: 12/27/2006 TIME: 12:07:34.28

RUN: S27 B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	2100.	2.8	.0	80.0	
2. WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	2100.	2.8	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	2550.	2.8	.0	56.0	
4. EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	2550.	2.8	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	1775.	2.8	.0	32.0	
6. Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	1775.	2.8	.0	32.0	
7. Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	1775.	2.8	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	3625.	3.9	.0	68.0	
9. NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	3625.	3.9	.0	68.0	
10. NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	3625.	3.9	.0	68.0	
11. SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	7900.	2.7	.0	68.0	
12. SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	7900.	2.7	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	400.	2.8	.0	68.0	
14. NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	400.	2.8	.0	68.0	
15. NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	400.	2.8	.0	68.0	
16. NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	425.	2.8	.0	68.0	
17. NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	425.	2.8	.0	68.0	
18. NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	425.	2.8	.0	68.0	
19. S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	700.	2.8	.0	68.0	
20. S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	700.	2.8	.0	68.0	
21. S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	700.	2.8	.0	68.0	
22. S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	700.	2.8	.0	68.0	
23. S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	700.	2.8	.0	68.0	
24. S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	700.	2.8	.0	68.0	
25. S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	700.	2.8	.0	68.0	
26. S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	700.	2.8	.0	68.0	
27. S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	700.	2.8	.0	68.0	
28. S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	700.	2.8	.0	68.0	
29. SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	1775.	2.8	.0	44.0	
30. SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	1775.	2.8	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	400.	2.8	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	400.	2.8	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	1525.	2.8	.0	32.0	

JOB: S27 B230AM 270&85
DATE: 12/27/2006 TIME: 12:07:34.28

RUN: S27 B230AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B230AM 270&85

RUN: S27 B230AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17
0.	*	.5	.3	.3	.2	.2	.4	.3	.4	.0	.5	.9	1.2	1.0	.0	.4	.3
5.	*	.5	.3	.2	.2	.2	.6	.5	.6	.0	.4	1.0	1.2	.9	.0	.4	.4
10.	*	.3	.1	.1	.1	.1	.5	.5	.7	.0	.4	1.0	1.0	.9	.0	.4	.5
15.	*	.4	.2	.2	.2	.2	.5	.5	.7	.0	.4	.9	1.0	.9	.0	.4	.4
20.	*	.3	.2	.2	.2	.2	.5	.4	.7	.0	.4	.9	.9	.8	.0	.4	.4

S27B230A.OUT

25.	*	.3	.2	.2	.2	.3	.5	.4	.7	.0	.4	.9	.9	.8	.0	.0	.4	.4
30.	*	.3	.2	.2	.3	.2	.4	.4	.7	.0	.4	.9	.9	.8	.0	.0	.5	.7
35.	*	.3	.2	.3	.2	.2	.4	.5	.7	.0	.4	.9	.8	.8	.0	.0	.5	.5
40.	*	.3	.3	.2	.2	.2	.5	.5	.6	.0	.4	.9	.8	.7	.0	.0	.5	.5
45.	*	.3	.3	.2	.2	.2	.5	.4	.6	.0	.4	.8	.8	.7	.0	.0	.5	.5
50.	*	.4	.2	.2	.2	.2	.4	.4	.5	.0	.4	.7	.8	.7	.0	.0	.5	.5
55.	*	.4	.2	.2	.2	.2	.4	.4	.6	.0	.4	.7	.8	.7	.0	.0	.5	.4
60.	*	.3	.2	.2	.2	.2	.4	.5	.6	.0	.4	.8	.8	.8	.0	.0	.5	.4
65.	*	.3	.2	.2	.2	.1	.4	.4	.5	.0	.4	.9	.8	.8	.0	.0	.4	.4
70.	*	.2	.2	.2	.2	.1	.4	.4	.5	.0	.3	.9	.8	.8	.0	.0	.4	.4
75.	*	.2	.2	.2	.1	.1	.5	.4	.6	.0	.4	.9	.8	.7	.0	.0	.3	.4
80.	*	.2	.2	.2	.1	.2	.4	.4	.6	.0	.4	.9	.8	.7	.0	.0	.3	.4
85.	*	.2	.2	.1	.2	.2	.5	.4	.6	.0	.3	.9	.8	.7	.0	.0	.3	.4
90.	*	.2	.2	.1	.2	.2	.5	.3	.6	.0	.3	.9	.8	.7	.0	.0	.3	.4
95.	*	.2	.1	.2	.2	.2	.5	.3	.6	.0	.3	.9	.8	.8	.0	.0	.3	.4
100.	*	.2	.2	.2	.2	.1	.5	.3	.6	.0	.3	.8	.9	.7	.0	.0	.3	.4
105.	*	.2	.2	.2	.2	.1	.3	.3	.6	.0	.3	.9	.9	.7	.0	.0	.2	.3
110.	*	.3	.2	.2	.1	.1	.3	.3	.6	.0	.3	.9	.9	.7	.0	.0	.3	.3
115.	*	.3	.2	.1	.1	.0	.3	.3	.6	.0	.4	1.0	1.0	.8	.0	.0	.2	.3
120.	*	.2	.1	.1	.1	.0	.3	.3	.6	.0	.3	1.0	1.0	.7	.0	.0	.2	.3
125.	*	.2	.1	.1	.0	.0	.3	.3	.5	.0	.3	1.0	1.1	.7	.0	.0	.2	.3
130.	*	.1	.1	.0	.0	.0	.4	.2	.6	.0	.3	1.0	1.1	.6	.0	.0	.3	.3
135.	*	.1	.0	.0	.0	.0	.3	.3	.7	.0	.3	.8	1.2	.6	.0	.0	.3	.3
140.	*	.0	.0	.0	.0	.0	.3	.3	.7	.0	.1	.8	1.1	.5	.0	.0	.3	.3
145.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.1	.8	1.1	.4	.0	.0	.2	.3
150.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.1	.5	1.0	.3	.0	.0	.2	.3
155.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.0	.3	.8	.2	.0	.0	.3	.3
160.	*	.0	.0	.0	.0	.0	.2	.3	.5	.0	.0	.2	.6	.1	.0	.0	.3	.3
165.	*	.0	.0	.0	.0	.0	.2	.3	.4	.0	.0	.1	.4	.1	.0	.0	.3	.3
170.	*	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.2	.0	.0	.0	.3	.3
175.	*	.0	.1	.1	.1	.0	.2	.1	.3	.0	.0	.0	.2	.0	.0	.0	.2	.2
180.	*	.2	.2	.1	.1	.1	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1
185.	*	.3	.3	.2	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
190.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.0	.0	.1	.0	.1	.2	.0	.1
195.	*	.5	.3	.3	.3	.3	.0	.0	.1	.0	.1	.0	.1	.0	.1	.2	.0	.0
200.	*	.4	.5	.3	.3	.3	.0	.0	.1	.0	.2	.0	.1	.0	.2	.2	.0	.0
205.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.0	.1	.0	.2	.2	.0	.0

1

JOB: S27 B230AM 270&85

RUN: S27 B230AM

PAGE 4

WIND * CONCENTRATION		ANGLE (PPM)																
ANGLE (DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.3	.3	.4	.3	.3	.0	.0	.1	.0	.0	.0	.0	.0	.3	.2	.0	.0
215.	*	.3	.3	.3	.2	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.2	.0	.0
220.	*	.3	.3	.2	.2	.3	.0	.0	.1	.0	.1	.0	.0	.0	.4	.2	.0	.0
225.	*	.3	.3	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
230.	*	.2	.3	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
235.	*	.2	.2	.2	.3	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
240.	*	.2	.2	.2	.4	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
245.	*	.2	.2	.2	.3	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
250.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
255.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
260.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.3	.0	.0
265.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
270.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.0	.0	.0	.4	.2	.0	.0
275.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.2	.1	.0	.0	.4	.2	.0	.0
280.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.1	.0	.0	.4	.2	.0	.0
285.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.1	.1	.0	.4	.2	.0	.0
290.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.1	.1	.0	.4	.2	.0	.0
295.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.4	.3	.0	.0
300.	*	.2	.2	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.4	.3	.0	.0
305.	*	.2	.3	.2	.2	.2	.0	.0	.1	.0	.3	.2	.1	.0	.4	.3	.0	.0
310.	*	.3	.3	.3	.3	.2	.0	.0	.1	.0	.3	.2	.1	.0	.6	.2	.0	.0
315.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.3	.3	.1	.1	.6	.2	.0	.0
320.	*	.3	.3	.3	.3	.3	.0	.0	.1	.0	.3	.3	.3	.1	.6	.2	.0	.0
325.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.3	.4	.6	.3	.5	.1	.0	.0
330.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.4	.6	1.0	.6	.3	.0	.0	.0
335.	*	.3	.3	.3	.3	.3	.0	.0	.0	.0	.4	.9	1.2	.8	.2	.0	.0	.0
340.	*	.4	.3	.3	.3	.3	.0	.0	.1	.0	.6	.9	1.5	.9	.0	.0	.0	.0
345.	*	.5	.4	.4	.4	.4	.0	.0	.1	.0	.5	1.0	1.4	1.1	.0	.0	.0	.0
350.	*	.6	.4	.4	.4	.4	.1	.2	.0	.4	1.0	1.4	1.1	.0	.0	.1	.1	.1
355.	*	.5	.5	.4	.3	.3	.2	.4	.0	.4	1.0	1.3	1.1	.0	.0	.2	.2	.2
360.	*	.5	.3	.3	.2	.2	.4	.3	.4	.0	.5	.9	1.2	1.0	.0	.0	.4	.3
MAX	*	.6	.5	.4	.4	.4	.6	.5	.7	.0	.6	1.0	1.5	1.1	.6	.3	.5	.7
DEGR.	*	350	200	210	240	345	5	5	10	0	340	5	340	345	310	260	30	30

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 340 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 345 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 5 DEGREES FROM REC11.

S27 B230PM 270&85 60.0108.0.0000.000170.30480000 S27B230P.DAT 11 1

R1 SW CORNER ON RAMP	196665.	623968.	6.0
R2 SW 25M S ON RAMP	196665.	623886.	6.0
R3 SW 50M S ON RAMP	196672.	623814.	6.0
R4 SW 75M S ON RAMP	196678.	623729.	6.0
R5 SW 100M S ON RAMP	196683.	623623.	6.0
R6 SB OFF RAMP	196477.	624062.	6.0
196479.	196484.	623923.	6.0
R8 SB OFF RAMP	196456.	624295.	6.0
196453.	624315.	624487.	6.0
R10 SB ON RAMP	196793.	624015.	6.0
R11 SB ON RAMP	196962.	624006.	6.0
R12 SB ON RAMP	197079.	623822.	6.0
R13 SB ON RAMP	197227.	623485.	6.0
R14 NB OFF RAMP	197451.	623580.	6.0
R15 NB OFF RAMP	197472.	623893.	6.0
R16 85 WB	196505.	623726.	6.0
R17 85 WB	196516.	623544.	6.0
S27 B230PM		33 1 0	
1	WB 85	AG196545.625070.196620.623698.	3950 2.8 0 80 40.
0 1	WB 85	AG196620.623698.196607.623077.	3950 2.8 0 80 40.
0 1	EB 85	AG196536.623084.196573.623667.	1900 2.8 0 56 40.
0 1	EB 85	AG196573.623667.196477.625064.	1900 2.8 0 56 40.
0 1	Ramp bwt85	AG197083.623888.196989.624015.	575 2.8 0 32 40.
0 1	Ramp bwt85	AG196989.624015.196893.624065.	575 2.8 0 32 40.
0 1	Ramp bwt85	AG196893.624065.196623.624055.	575 2.8 0 32 40.
0 1	NB 270	AG196471.625061.196797.624568.	8125 3.9 0 68 61.
0 1	NB 270	AG196797.624568.197213.623841.	8125 3.9 0 68 61.
0 1	NB 270	AG197213.623841.197393.623435.	8125 3.9 0 68 61.
0 1	SB 270	AG197334.623363.196943.624192.	3200 3.9 0 68 61.
0 1	SB 270	AG196943.624192.196387.625043.	3200 3.9 0 68 61.
0 1	NB 270 to	AG196902.625034.197140.624523.	1150 2.8 0 68 40.
0 1	NB 270 to	AG197140.624523.197258.623939.	1150 2.8 0 68 40.
0 1	NB 270 to	AG197258.623939.197344.623646.	1150 2.8 0 68 40.
0 1	NB 270 to	AG196638.625076.196737.624806.	550 2.8 0 68 40.
0 1	NB 270 to	AG196737.624806.197199.623946.	550 2.8 0 68 40.
0 1	NB 270 to	AG197199.623946.197423.623477.	550 2.8 0 68 40.
0 1	S Cir	AG196704.625067.196865.624859.	1450 2.8 0 68 40.
0 1	S Cir	AG196865.624859.197019.624687.	1450 2.8 0 68 40.
0 1	S Cir	AG197019.624687.197075.624522.	1450 2.8 0 68 40.
0 1	S Cir	AG197075.624522.197050.624339.	1450 2.8 0 68 40.
0 1	S Cir	AG197050.624339.196915.624189.	1450 2.8 0 68 40.
0 1	S Cir	AG196915.624189.196740.624131.	1450 2.8 0 68 40.
0 1	S Cir	AG196740.624131.196527.624181.	1450 2.8 0 68 40.
0 1	S Cir	AG196527.624181.196392.624335.	1450 2.8 0 68 40.
0 1	S Cir	AG196392.624335.196323.624487.	1450 2.8 0 68 40.
0 1	S Cir	AG196323.624487.196103.624932.	1450 2.8 0 68 40.
0 1	SB to 85	AG196486.624233.196457.624516.	575 2.8 0 44 40.
0 1	SB to 85	AG196457.624516.196405.624718.	575 2.8 0 44 40.
0 1	from N CirSB to 85	AG196394.624714.196323.624855.	1150 2.8 0 32 40.
0 1	from N CirSB to 85	AG196323.624855.196213.624992.	1150 2.8 0 32 40.
0 1	from 270 SB to 85	AG196413.624722.196309.625022.	2600 2.8 0 32 40.
1.0 0.4 1000. 0.0Y	5 0 72		

JOB: S27 B230PM 270&85
DATE: 12/27/2006 TIME: 12:09:12.49

RUN: S27 B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. WB 85	*	196545.0	625070.0	196620.0	623698.0	*	1374.	177. AG	3950.	2.8	.0	80.0	
2. WB 85	*	196620.0	623698.0	196607.0	623077.0	*	621.	181. AG	3950.	2.8	.0	80.0	
3. EB 85	*	196536.0	623084.0	196573.0	623667.0	*	584.	4. AG	1900.	2.8	.0	56.0	
4. EB 85	*	196573.0	623667.0	196477.0	625064.0	*	1400.	356. AG	1900.	2.8	.0	56.0	
5. Ramp bwt85	*	197083.0	623888.0	196989.0	624015.0	*	158.	323. AG	575.	2.8	.0	32.0	
6. Ramp bwt85	*	196989.0	624015.0	196893.0	624065.0	*	108.	298. AG	575.	2.8	.0	32.0	
7. Ramp bwt85	*	196893.0	624065.0	196623.0	624055.0	*	270.	268. AG	575.	2.8	.0	32.0	
8. NB 270	*	196471.0	625061.0	196797.0	624568.0	*	591.	147. AG	8125.	3.9	.0	68.0	
9. NB 270	*	196797.0	624568.0	197213.0	623841.0	*	838.	150. AG	8125.	3.9	.0	68.0	
10. NB 270	*	197213.0	623841.0	197393.0	623435.0	*	444.	156. AG	8125.	3.9	.0	68.0	
11. SB 270	*	197334.0	623363.0	196943.0	624192.0	*	917.	335. AG	3200.	3.9	.0	68.0	
12. SB 270	*	196943.0	624192.0	196387.0	625043.0	*	1017.	327. AG	3200.	3.9	.0	68.0	
13. NB 270 to	*	196902.0	625034.0	197140.0	624523.0	*	564.	155. AG	1150.	2.8	.0	68.0	
14. NB 270 to	*	197140.0	624523.0	197258.0	623939.0	*	596.	169. AG	1150.	2.8	.0	68.0	
15. NB 270 to	*	197258.0	623939.0	197344.0	623646.0	*	305.	164. AG	1150.	2.8	.0	68.0	
16. NB 270 to	*	196638.0	625076.0	196737.0	624806.0	*	288.	160. AG	550.	2.8	.0	68.0	
17. NB 270 to	*	196737.0	624806.0	197199.0	623946.0	*	976.	152. AG	550.	2.8	.0	68.0	
18. NB 270 to	*	197199.0	623946.0	197423.0	623477.0	*	520.	154. AG	550.	2.8	.0	68.0	
19. S Cir	*	196704.0	625067.0	196865.0	624859.0	*	263.	142. AG	1450.	2.8	.0	68.0	
20. S Cir	*	196865.0	624859.0	197019.0	624687.0	*	231.	138. AG	1450.	2.8	.0	68.0	
21. S Cir	*	197019.0	624687.0	197075.0	624522.0	*	174.	161. AG	1450.	2.8	.0	68.0	
22. S Cir	*	197075.0	624522.0	197050.0	624339.0	*	185.	188. AG	1450.	2.8	.0	68.0	
23. S Cir	*	197050.0	624339.0	196915.0	624189.0	*	202.	222. AG	1450.	2.8	.0	68.0	
24. S Cir	*	196915.0	624189.0	196740.0	624131.0	*	184.	252. AG	1450.	2.8	.0	68.0	
25. S Cir	*	196740.0	624131.0	196527.0	624181.0	*	219.	283. AG	1450.	2.8	.0	68.0	
26. S Cir	*	196527.0	624181.0	196392.0	624335.0	*	205.	319. AG	1450.	2.8	.0	68.0	
27. S Cir	*	196392.0	624335.0	196323.0	624487.0	*	167.	336. AG	1450.	2.8	.0	68.0	
28. S Cir	*	196323.0	624487.0	196103.0	624932.0	*	496.	334. AG	1450.	2.8	.0	68.0	
29. SB to 85	*	196486.0	624233.0	196457.0	624516.0	*	285.	354. AG	575.	2.8	.0	44.0	
30. SB to 85	*	196457.0	624516.0	196405.0	624718.0	*	209.	346. AG	575.	2.8	.0	44.0	
31. from N CirSB to 85	*	196394.0	624714.0	196323.0	624855.0	*	158.	333. AG	1150.	2.8	.0	32.0	
32. from N CirSB to 85	*	196323.0	624855.0	196213.0	624992.0	*	176.	321. AG	1150.	2.8	.0	32.0	
33. from 270 SB to 85	*	196413.0	624722.0	196309.0	625022.0	*	318.	341. AG	2600.	2.8	.0	32.0	

JOB: S27 B230PM 270&85
DATE: 12/27/2006 TIME: 12:09:12.49

RUN: S27 B230PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 SW CORNER ON RAMP	*	196665.0	623968.0	6.0	*
2. R2 SW 25M S ON RAMP	*	196665.0	623886.0	6.0	*
3. R3 SW 50M S ON RAMP	*	196672.0	623814.0	6.0	*
4. R4 SW 75M S ON RAMP	*	196678.0	623729.0	6.0	*
5. R5 SW 100M S ON RAMP	*	196683.0	623623.0	6.0	*
6. R6 SB OFF RAMP	*	196477.0	624062.0	6.0	*
7. 196479.	*	196484.0	623923.0	6.0	*
8. R8 SB OFF RAMP	*	196456.0	624295.0	6.0	*
9. 196453.	*	624315.0	624487.0	6.0	*
10. R10 SB ON RAMP	*	196793.0	624015.0	6.0	*
11. R11 SB ON RAMP	*	196962.0	624006.0	6.0	*
12. R12 SB ON RAMP	*	197079.0	623822.0	6.0	*
13. R13 SB ON RAMP	*	197227.0	623485.0	6.0	*
14. R14 NB OFF RAMP	*	197451.0	623580.0	6.0	*
15. R15 NB OFF RAMP	*	197472.0	623893.0	6.0	*
16. R16 85 WB	*	196505.0	623726.0	6.0	*
17. R17 85 WB	*	196516.0	623544.0	6.0	*

JOB: S27 B230PM 270&85

RUN: S27 B230PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
0.	*	.5	.4	.4	.4	.5	.4	.5	.0	.4	1.0	1.0	1.0	.0	.0	.3	.3
5.	*	.4	.4	.4	.4	.5	.5	.5	.0	.5	1.0	1.0	.9	.0	.0	.5	.4
10.	*	.4	.4	.4	.4	.5	.5	.6	.0	.4	.8	1.0	.9	.0	.0	.6	.5
15.	*	.3	.3	.2	.2	.5	.5	.7	.0	.4	.8	.9	.8	.0	.0	.7	.7
20.	*	.3	.3	.3	.3	.1	.5	.5	.7	.0	.5	.8	.9	.8	.0	.6	.5

S27B230P.OUT

25.	*	.3	.3	.3	.2	.2	.5	.6	.7	.0	.4	.8	.8	.0	.0	.5	.5
30.	*	.3	.3	.2	.2	.2	.6	.6	.7	.0	.4	.8	.8	.7	.0	.5	.4
35.	*	.3	.3	.2	.3	.3	.6	.5	.7	.0	.4	.8	.8	.7	.0	.4	.4
40.	*	.3	.2	.3	.3	.2	.5	.5	.6	.0	.5	.7	.7	.7	.0	.4	.4
45.	*	.3	.2	.3	.3	.2	.6	.5	.7	.0	.3	.7	.7	.7	.0	.4	.4
50.	*	.2	.3	.3	.3	.2	.6	.4	.7	.0	.3	.7	.7	.7	.0	.4	.4
55.	*	.3	.3	.3	.3	.2	.7	.4	.7	.0	.3	.7	.7	.7	.0	.4	.5
60.	*	.3	.3	.3	.3	.2	.7	.4	.5	.0	.3	.7	.8	.7	.0	.5	.5
65.	*	.3	.3	.3	.2	.3	.7	.4	.6	.0	.3	.7	.8	.7	.0	.5	.6
70.	*	.3	.3	.3	.2	.3	.5	.5	.6	.0	.3	.7	.9	.7	.0	.5	.5
75.	*	.3	.3	.2	.3	.2	.5	.5	.6	.0	.3	.7	.7	.7	.0	.5	.5
80.	*	.3	.3	.2	.3	.2	.5	.5	.7	.0	.3	.7	.7	.7	.0	.6	.5
85.	*	.3	.2	.3	.2	.2	.6	.5	.7	.0	.4	.7	.7	.7	.0	.5	.5
90.	*	.3	.3	.3	.2	.2	.6	.5	.7	.0	.4	.7	.7	.7	.0	.4	.4
95.	*	.3	.3	.2	.2	.2	.5	.6	.6	.0	.3	.7	.8	.7	.0	.4	.4
100.	*	.3	.3	.2	.2	.2	.5	.6	.6	.0	.3	.7	.9	.6	.0	.5	.4
105.	*	.3	.2	.3	.2	.2	.6	.5	.5	.0	.4	.7	.8	.7	.0	.4	.3
110.	*	.3	.2	.2	.2	.1	.6	.5	.6	.0	.4	.9	.8	.6	.0	.4	.3
115.	*	.2	.2	.2	.2	.0	.5	.5	.8	.0	.3	.9	.9	.5	.0	.2	.3
120.	*	.2	.2	.2	.0	.0	.5	.4	.8	.0	.4	.9	1.0	.5	.0	.2	.3
125.	*	.2	.2	.0	.0	.0	.5	.3	.9	.0	.3	.8	1.0	.4	.0	.3	.3
130.	*	.2	.0	.0	.0	.0	.4	.3	.8	.0	.3	1.0	1.0	.4	.0	.3	.3
135.	*	.0	.0	.0	.0	.0	.3	.3	.8	.0	.2	.8	1.0	.4	.0	.4	.3
140.	*	.0	.0	.0	.0	.0	.3	.2	.6	.0	.2	.8	.9	.3	.0	.3	.3
145.	*	.0	.0	.0	.0	.0	.3	.3	.6	.0	.1	.5	.8	.3	.0	.3	.4
150.	*	.0	.0	.0	.0	.0	.3	.3	.6	.0	.0	.4	.7	.2	.0	.3	.4
155.	*	.0	.0	.0	.0	.0	.3	.3	.6	.0	.0	.3	.6	.1	.0	.3	.4
160.	*	.0	.0	.0	.0	.0	.3	.2	.4	.0	.0	.1	.3	.1	.0	.3	.4
165.	*	.0	.0	.0	.0	.0	.3	.3	.5	.0	.0	.1	.2	.0	.0	.3	.4
170.	*	.1	.1	.1	.1	.0	.2	.5	.0	.0	.0	.0	.1	.0	.0	.2	.3
175.	*	.2	.2	.1	.1	.1	.2	.4	.0	.0	.0	.1	.0	.0	.0	.2	.2
180.	*	.2	.3	.3	.2	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.2	.2
185.	*	.3	.5	.3	.3	.2	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.1
190.	*	.4	.5	.5	.4	.3	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0
195.	*	.5	.6	.5	.4	.4	.0	.0	.1	.0	.1	.0	.0	.0	.2	.0	.0
200.	*	.5	.5	.5	.4	.4	.0	.0	.1	.0	.1	.0	.0	.0	.2	.0	.0
205.	*	.4	.5	.5	.4	.4	.0	.0	.1	.0	.2	.1	.0	.0	.4	.0	.0

1

JOB: S27 B230PM 270&85

RUN: S27 B230PM

PAGE 4

WIND * CONCENTRATION																		
ANGLE (DEGR)		(PPM)																
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17
210.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.2	.1	.0	.0	.5	.4	.0	.0
215.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.1	.1	.0	.0	.5	.4	.0	.0
220.	*	.4	.4	.5	.4	.4	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
225.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.1	.0	.1	.0	.6	.4	.0	.0
230.	*	.4	.4	.4	.4	.4	.0	.0	.1	.0	.1	.0	.1	.0	.6	.4	.0	.0
235.	*	.4	.4	.4	.3	.4	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
240.	*	.4	.4	.4	.2	.4	.0	.0	.1	.0	.1	.1	.1	.0	.6	.3	.0	.0
245.	*	.3	.4	.3	.4	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.3	.0	.0
250.	*	.3	.4	.3	.4	.3	.0	.0	.1	.0	.1	.1	.0	.0	.6	.4	.0	.0
255.	*	.3	.4	.3	.4	.3	.0	.0	.1	.0	.1	.1	.0	.0	.6	.4	.0	.0
260.	*	.4	.4	.4	.3	.3	.0	.0	.1	.0	.1	.1	.0	.0	.6	.3	.0	.0
265.	*	.4	.4	.4	.3	.3	.0	.0	.1	.0	.1	.1	.1	.1	.6	.4	.0	.0
270.	*	.4	.4	.4	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.3	.0	.0
275.	*	.3	.4	.4	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
280.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
285.	*	.3	.4	.3	.3	.3	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
290.	*	.3	.4	.4	.3	.2	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
295.	*	.4	.4	.4	.4	.2	.0	.0	.1	.0	.1	.1	.1	.0	.6	.4	.0	.0
300.	*	.4	.4	.4	.4	.3	.0	.0	.2	.0	.1	.1	.1	.0	.7	.4	.0	.0
305.	*	.4	.4	.4	.4	.3	.0	.0	.2	.0	.2	.1	.1	.1	.7	.4	.0	.0
310.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.2	.2	.2	.1	.7	.4	.0	.0
315.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.2	.2	.2	.1	1.0	.4	.0	.0
320.	*	.4	.4	.4	.4	.4	.0	.0	.2	.0	.3	.3	.3	.2	1.0	.3	.0	.0
325.	*	.4	.4	.4	.4	.4	.0	.0	.3	.0	.3	.4	.6	.3	.9	.2	.0	.0
330.	*	.5	.5	.5	.5	.4	.0	.0	.3	.0	.2	.6	.7	.5	.5	.0	.0	.0
335.	*	.5	.5	.5	.5	.5	.0	.0	.2	.0	.3	.7	.8	.7	.4	.0	.0	.0
340.	*	.5	.5	.5	.5	.5	.0	.0	.1	.0	.3	.8	1.1	.9	.1	.0	.0	.0
345.	*	.7	.6	.6	.5	.5	.0	.0	.0	.0	.4	.8	1.2	1.0	.0	.0	.0	.0
350.	*	.6	.7	.7	.6	.5	.1	.0	.0	.5	1.0	1.1	1.0	.0	.0	.1	.1	.1
355.	*	.5	.6	.6	.6	.6	.4	.3	.4	.0	.5	.9	1.1	.9	.0	.0	.3	.2
360.	*	.5	.4	.4	.4	.4	.5	.4	.5	.0	.4	1.0	1.0	1.0	.0	.0	.3	.3
MAX	*	.7	.7	.7	.6	.6	.7	.6	.9	.0	.5	1.0	1.2	1.0	1.0	.4	.7	.7
DEGR.	*	345	350	350	350	355	55	25	125	0	5	0	345	0	315	205	15	15

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 345 DEGREES FROM REC12.
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 315 DEGREES FROM REC14.
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 0 DEGREES FROM REC11.

Site 28
Residence – 5819 Farmgate Court

				S28EXAM.dat				
SITE 28 EX AM				60.0175.0.0000.000	40.30480000	11	1	
REC 1	193477.	629044.	5.					
REC 2	193602.	628897.	5.					
REC 3	193587.	628846.	5.					
REC 4	193446.	629041.	5.					
SITE 28 EXAM				6	1	1		
1								
1	NB I270	AG194228.628344.193156.629900.		1912	3.6	0. 56.	57	
2								
1	I70 ONRAMPAG	194258.628356.193941.628923.		474	3.6	0. 44.	57	
3								
1	I70 ONRAMPAG	193941.628923.193767.629327.		474	3.6	0. 44.	57	
4								
1	I70 ONRAMPAG	193767.629327.193492.630036.		474	3.6	0. 44.	57	
7								
1	SB I-270	AG193065.629859.193514.629245.		3829	3.4	0. 44.	51.6	
8								
1	SB I-270	AG193514.629245.194149.628311.		3829	3.4	0. 44.	51.6	
1.0	0.4 1000. 0.0Y	5 0 72						

JOB: SITE 28 EX AM RUN: SITE 28 EXAM
DATE: 12/15/2006 TIME: 10:12:23.67

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I270	*	194228.0	628344.0	193156.0	629900.0	*	1890.	325. AG	1912.	3.6	.0	56.0	
2. 2 I70 ONRAMP	*	194258.0	628356.0	193941.0	628923.0	*	650.	331. AG	474.	3.6	.0	44.0	
3. 3 I70 ONRAMP	*	193941.0	628923.0	193767.0	629327.0	*	440.	337. AG	474.	3.6	.0	44.0	
4. 4 I70 ONRAMP	*	193767.0	629327.0	193492.0	630036.0	*	760.	339. AG	474.	3.6	.0	44.0	
5. 7 SB I-270	*	193065.0	629859.0	193514.0	629245.0	*	761.	144. AG	3829.	3.4	.0	44.0	
6. 8 SB I-270	*	193514.0	629245.0	194149.0	628311.0	*	1129.	146. AG	3829.	3.4	.0	44.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	193477.0	629044.0	5.0	*
2. REC 2	*	193602.0	628897.0	5.0	*
3. REC 3	*	193587.0	628846.0	5.0	*
4. REC 4	*	193446.0	629041.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.2	.3	.2	.2
5.	*	.3	.3	.2	.2
10.	*	.3	.3	.2	.2
15.	*	.3	.3	.2	.3
20.	*	.2	.3	.2	.3
25.	*	.2	.3	.2	.2
30.	*	.2	.3	.2	.2
35.	*	.2	.3	.2	.2
40.	*	.2	.3	.2	.2
45.	*	.2	.3	.2	.2
50.	*	.2	.3	.2	.2
55.	*	.2	.3	.2	.2
60.	*	.2	.3	.2	.2
65.	*	.2	.3	.2	.2
70.	*	.2	.3	.2	.2
75.	*	.2	.3	.2	.2
80.	*	.2	.3	.2	.2
85.	*	.2	.3	.2	.2
90.	*	.2	.3	.2	.2
95.	*	.3	.3	.2	.2
100.	*	.3	.3	.2	.2
105.	*	.3	.3	.2	.2
110.	*	.3	.3	.2	.2
115.	*	.3	.3	.3	.3
120.	*	.3	.3	.2	.3
125.	*	.3	.3	.1	.2
130.	*	.3	.2	.1	.1
135.	*	.1	.1	.1	.1
140.	*	.1	.1	.1	.1
145.	*	.1	.1	.0	.0
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.0	.0	.0	.0
170.	*	.0	.0	.0	.0
175.	*	.0	.0	.0	.0
180.	*	.0	.0	.0	.0
185.	*	.0	.0	.0	.0
190.	*	.0	.0	.0	.0
195.	*	.0	.0	.0	.0
200.	*	.0	.0	.0	.0
205.	*	.0	.0	.0	.0

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.1	.1	.0	.0
330.	.1	.1	.1	.1
335.	.1	.1	.1	.1
340.	.1	.3	.1	.1
345.	.3	.3	.3	.1
350.	.3	.3	.3	.2
355.	.2	.3	.2	.2
360.	.2	.3	.2	.2
MAX	.3	.3	.3	.3
DEGR.	5	0	115	15

THE HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 115 DEGREES FROM REC3 .

1

JOB: SITE 28 EX AM
 DATE: 12/15/2006 TIME: 10:12:23.67

RUN: SITE 28 EXAM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.1	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.0	.0	.0	.0
5	.1	.0	.0	.1
6	.1	.2	.2	.1

				S28EXPM.DAT				
SITE 28 EX PM				60.0175.0.0000.000	40.30480000	11	1	
REC 1	193477.	629044.	5.					
REC 2	193602.	628897.	5.					
REC 3	193587.	628846.	5.					
REC 4	193446.	629041.	5.					
SITE 28 EXPM				6	1	1		
1								
1	NB I270	AG194228.628344.193156.629900.		4152	3.6	0. 56.	56.7	
2	1							
2	I70 ONRAMPAG	194258.628356.193941.628923.		1970	3.6	0. 44.	56.7	
3	1							
3	I70 ONRAMPAG	193941.628923.193767.629327.		1970	3.6	0. 44.	56.7	
4	1							
4	I70 ONRAMPAG	193767.629327.193492.630036.		1970	3.6	0. 44.	56.7	
7	1							
7	SB I-270	AG193065.629859.193514.629245.		2418	3.1	0. 44.	55.5	
8	1							
8	SB I-270	AG193514.629245.194149.628311.		2418	3.1	0. 44.	55.5	
1.0	0.4 1000. 0.0Y	5 0 72						

JOB: SITE 28 EX PM RUN: SITE 28 EXPM
DATE: 12/15/2006 TIME: 10:12:59.26

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I270	* 194228.0	628344.0	193156.0	629900.0	* 1890.	325. AG	4152.	3.6	.0	56.0	
2. 2 I70 ONRAMP	* 194258.0	628356.0	193941.0	628923.0	* 650.	331. AG	1970.	3.6	.0	44.0	
3. 3 I70 ONRAMP	* 193941.0	628923.0	193767.0	629327.0	* 440.	337. AG	1970.	3.6	.0	44.0	
4. 4 I70 ONRAMP	* 193767.0	629327.0	193492.0	630036.0	* 760.	339. AG	1970.	3.6	.0	44.0	
5. 7 SB I-270	* 193065.0	629859.0	193514.0	629245.0	* 761.	144. AG	2418.	3.1	.0	44.0	
6. 8 SB I-270	* 193514.0	629245.0	194149.0	628311.0	* 1129.	146. AG	2418.	3.1	.0	44.0	

JOB: SITE 28 EX PM RUN: SITE 28 EXPM
DATE: 12/15/2006 TIME: 10:12:59.26

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

JOB: SITE 28 EX PM RUN: SITE 28 EXPM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .2	.3	.2	.2	.2
5.	* .2	.3	.2	.2	.2
10.	* .1	.3	.2	.2	.2
15.	* .2	.2	.2	.2	.1
20.	* .2	.2	.2	.2	.1
25.	* .2	.2	.2	.2	.2
30.	* .2	.2	.2	.2	.2
35.	* .2	.2	.2	.2	.2
40.	* .2	.2	.2	.2	.2
45.	* .2	.2	.2	.2	.2
50.	* .2	.2	.2	.2	.2
55.	* .2	.2	.2	.2	.2
60.	* .2	.2	.2	.2	.2
65.	* .2	.2	.2	.2	.2
70.	* .2	.2	.2	.2	.2
75.	* .2	.2	.2	.2	.2
80.	* .2	.2	.2	.2	.2
85.	* .2	.2	.2	.2	.2
90.	* .2	.2	.2	.2	.2
95.	* .2	.2	.2	.2	.2
100.	* .2	.3	.2	.2	.2
105.	* .2	.3	.2	.2	.2
110.	* .2	.3	.2	.2	.2
115.	* .2	.3	.2	.2	.2
120.	* .2	.2	.2	.2	.2
125.	* .2	.2	.2	.2	.2
130.	* .2	.2	.2	.2	.2
135.	* .2	.2	.1	.2	.2
140.	* .2	.1	.0	.0	.0
145.	* .0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0
160.	* .0	.0	.0	.0	.0
165.	* .0	.0	.0	.0	.0
170.	* .0	.0	.0	.0	.0
175.	* .0	.0	.0	.0	.0
180.	* .0	.0	.0	.0	.0
185.	* .0	.0	.0	.0	.0
190.	* .0	.0	.0	.0	.0
195.	* .0	.0	.0	.0	.0
200.	* .0	.0	.0	.0	.0
205.	* .0	.0	.0	.0	.0

JOB: SITE 28 EX PM RUN: SITE 28 EXPM
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.0	.0	.0	.0
330.	.1	.2	.0	.0
335.	.2	.2	.2	.1
340.	.2	.2	.2	.2
345.	.2	.4	.2	.2
350.	.2	.3	.1	.2
355.	.2	.3	.2	.2
360.	.2	.3	.2	.2
MAX	.2	.4	.2	.2
DEGR.	0	345	0	0

THE HIGHEST CONCENTRATION IS .40 PPM AT 345 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 0 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 0 DEGREES FROM REC3 .

1

JOB: SITE 28 EX PM
 DATE: 12/15/2006 TIME: 10:12:59.26

RUN: SITE 28 EXPM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.2	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.0	.0	.0	.0
5	.1	.1	.0	.1
6	.0	.1	.1	.0

				S28NB15A.dat			
SITE 28 NB15 AM		60.0175.0.0000.000	40.30480000	11	1		
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
SITE 28 NB15AM		6	1	1			
1							
1	NB I270	AG194228.628344.193156.629900.	2775 4.2	0. 56.	59		
2	1						
2	I70 ONRAMPAG	194258.628356.193941.628923.	1025 3.9	0. 44.	55		
3	1						
3	I70 ONRAMPAG	193941.628923.193767.629327.	1025 3.9	0. 44.	55		
4	1						
4	I70 ONRAMPAG	193767.629327.193492.630036.	1025 3.9	0. 44.	55		
7	1						
7	SB I-270	AG193065.629859.193514.629245.	4800 2.9	0. 44.	34		
8	1						
8	SB I-270	AG193514.629245.194149.628311.	4800 2.9	0. 44.	34		
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: SITE 28 NB15 AM
DATE: 01/20/2007 TIME: 00:19:39.30

RUN: SITE 28 NB15AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 194228.0	628344.0	193156.0	629900.0	*	1890.	325. AG	2775.	4.2	.0	56.0	
2. 2	I70 ONRAMP	* 194258.0	628356.0	193941.0	628923.0	*	650.	331. AG	1025.	3.9	.0	44.0	
3. 3	I70 ONRAMP	* 193941.0	628923.0	193767.0	629327.0	*	440.	337. AG	1025.	3.9	.0	44.0	
4. 4	I70 ONRAMP	* 193767.0	629327.0	193492.0	630036.0	*	760.	339. AG	1025.	3.9	.0	44.0	
5. 7	SB I-270	* 193065.0	629859.0	193514.0	629245.0	*	761.	144. AG	4800.	2.9	.0	44.0	
6. 8	SB I-270	* 193514.0	629245.0	194149.0	628311.0	*	1129.	146. AG	4800.	2.9	.0	44.0	

1

JOB: SITE 28 NB15 AM
DATE: 01/20/2007 TIME: 00:19:39.30

RUN: SITE 28 NB15AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	193477.0	629044.0	5.0	*
2. REC 2	*	193602.0	628897.0	5.0	*
3. REC 3	*	193587.0	628846.0	5.0	*
4. REC 4	*	193446.0	629041.0	5.0	*

1

JOB: SITE 28 NB15 AM

RUN: SITE 28 NB15AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .2	.3	.2	.2	
5.	* .3	.3	.2	.2	
10.	* .3	.3	.2	.2	
15.	* .3	.3	.2	.3	
20.	* .2	.3	.2	.3	
25.	* .2	.3	.2	.2	
30.	* .2	.3	.2	.2	
35.	* .2	.3	.2	.2	
40.	* .2	.3	.2	.2	
45.	* .3	.3	.2	.2	
50.	* .3	.3	.2	.2	
55.	* .3	.3	.2	.2	
60.	* .3	.3	.2	.2	
65.	* .3	.3	.2	.2	
70.	* .2	.3	.2	.2	
75.	* .2	.3	.2	.2	
80.	* .3	.3	.2	.2	
85.	* .3	.3	.2	.2	
90.	* .3	.3	.2	.2	
95.	* .3	.3	.2	.2	
100.	* .3	.3	.3	.2	
105.	* .3	.3	.3	.3	
110.	* .3	.3	.3	.3	
115.	* .3	.3	.3	.3	
120.	* .3	.3	.3	.3	
125.	* .3	.3	.2	.3	
130.	* .3	.3	.2	.2	
135.	* .2	.3	.1	.2	
140.	* .1	.1	.1	.1	
145.	* .1	.1	.0	.0	
150.	* .0	.0	.0	.0	
155.	* .0	.0	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

1

JOB: SITE 28 NB15 AM

RUN: SITE 28 NB15AM
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.1	.1	.0	.0
330.	.1	.1	.1	.1
335.	.2	.2	.2	.1
340.	.3	.3	.2	.2
345.	.3	.3	.3	.2
350.	.3	.3	.3	.3
355.	.3	.3	.3	.2
360.	.2	.3	.2	.2
MAX	.3	.3	.3	.3
DEGR.	5	0	100	15

THE HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 100 DEGREES FROM REC3 .

1

JOB: SITE 28 NB15 AM
 DATE: 01/20/2007 TIME: 00:19:39.30

RUN: SITE 28 NB15AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.1	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.0	.0	.0	.0
5	.1	.0	.0	.1
6	.1	.2	.2	.1

				S28NB15P.dat			
SITE 28 NB15 AM		60.0175.0.0000.000	40.30480000	11	1		
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
SITE 28 NB15AM		6	1	1			
1							
1	NB I270	AG194228.628344.193156.629900.	4800 4.2	0. 56.	59		
2	1						
2	I70 ONRAMPAG	194258.628356.193941.628923.	2075 3.9	0. 44.	55		
3	1						
3	I70 ONRAMPAG	193941.628923.193767.629327.	2075 3.9	0. 44.	55		
4	1						
4	I70 ONRAMPAG	193767.629327.193492.630036.	2075 3.9	0. 44.	55		
7	1						
7	SB I-270	AG193065.629859.193514.629245.	3975 2.9	0. 44.	34		
8	1						
8	SB I-270	AG193514.629245.194149.628311.	3975 2.9	0. 44.	34		
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: SITE 28 NB15 AM
DATE: 01/20/2007 TIME: 00:21:11.14

RUN: SITE 28 NB15AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB I270	* 194228.0	628344.0	193156.0	629900.0	*	1890.	325. AG	4800.	4.2	.0	56.0	
2. 2	I70 ONRAMP*	194258.0	628356.0	193941.0	628923.0	*	650.	331. AG	2075.	3.9	.0	44.0	
3. 3	I70 ONRAMP*	193941.0	628923.0	193767.0	629327.0	*	440.	337. AG	2075.	3.9	.0	44.0	
4. 4	I70 ONRAMP*	193767.0	629327.0	193492.0	630036.0	*	760.	339. AG	2075.	3.9	.0	44.0	
5. 7	SB I-270	* 193065.0	629859.0	193514.0	629245.0	*	761.	144. AG	3975.	2.9	.0	44.0	
6. 8	SB I-270	* 193514.0	629245.0	194149.0	628311.0	*	1129.	146. AG	3975.	2.9	.0	44.0	

1

JOB: SITE 28 NB15 AM
DATE: 01/20/2007 TIME: 00:21:11.14

RUN: SITE 28 NB15AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	193477.0	629044.0	5.0	*
2. REC 2	*	193602.0	628897.0	5.0	*
3. REC 3	*	193587.0	628846.0	5.0	*
4. REC 4	*	193446.0	629041.0	5.0	*

1

JOB: SITE 28 NB15 AM

RUN: SITE 28 NB15AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
0.	.3	.3	.3	.3
5.	.4	.5	.3	.3
10.	.4	.4	.3	.3
15.	.3	.4	.3	.3
20.	.3	.3	.3	.3
25.	.3	.3	.3	.3
30.	.3	.3	.3	.3
35.	.3	.3	.3	.3
40.	.3	.3	.3	.3
45.	.3	.4	.3	.3
50.	.3	.4	.3	.3
55.	.3	.4	.3	.3
60.	.3	.3	.3	.3
65.	.3	.3	.3	.3
70.	.3	.3	.3	.3
75.	.3	.3	.3	.3
80.	.3	.3	.3	.3
85.	.3	.3	.3	.3
90.	.3	.3	.3	.3
95.	.3	.4	.3	.3
100.	.3	.4	.3	.3
105.	.3	.5	.4	.3
110.	.3	.5	.4	.3
115.	.4	.5	.3	.3
120.	.4	.5	.3	.3
125.	.4	.4	.2	.3
130.	.3	.3	.2	.2
135.	.2	.2	.2	.2
140.	.2	.2	.1	.2
145.	.1	.1	.0	.0
150.	.0	.0	.0	.0
155.	.0	.0	.0	.0
160.	.0	.0	.0	.0
165.	.0	.0	.0	.0
170.	.0	.0	.0	.0
175.	.0	.0	.0	.0
180.	.0	.0	.0	.0
185.	.0	.0	.0	.0
190.	.0	.0	.0	.0
195.	.0	.0	.0	.0
200.	.0	.0	.0	.0
205.	.0	.0	.0	.0

1

JOB: SITE 28 NB15 AM

RUN: SITE 28 NB15AM
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.0	.1	.0	.0
330.	.2	.2	.2	.1
335.	.2	.2	.2	.2
340.	.2	.4	.2	.2
345.	.3	.4	.4	.2
350.	.3	.4	.4	.3
355.	.3	.3	.3	.3
360.	.3	.3	.3	.3
MAX	.4	.5	.4	.3
DEGR.	5	5	105	0

THE HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 105 DEGREES FROM REC3 .

1

JOB: SITE 28 NB15 AM
 DATE: 01/20/2007 TIME: 00:21:11.14

RUN: SITE 28 NB15AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.2	.2	.2	.2
2	.0	.0	.1	.0
3	.0	.0	.0	.0
4	.0	.1	.0	.0
5	.1	.0	.0	.1
6	.1	.2	.1	.0

S28 B115AM			60.0175.0.0000.000	40.30480000	S28B115A	11	1
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
S28 B115AM			6	1	1		
1							
1	NB to 70	AG193486.630084.193830.629169.	1650	4.2	0	56	59.
0	1	NB to 70	AG193830.629169.194003.628790.	1650	4.2	0	56
0	1	NB to 70	AG194003.628790.194313.628351.	1650	4.2	0	56
1		NB 270	AG193107.629946.194247.628314.	2900	4.2	0	68
1		SB 270	AG194169.628253.193552.629154.	5325	4.2	0	92
0	1	SB 270	AG193552.629154.192995.629863.	5325	4.2	0	92
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: S28 B115AM RUN: S28 B115AM
DATE: 01/20/2007 TIME: 00:14:37.92

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	1650.	4.2	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	1650.	4.2	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	1650.	4.2	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	2900.	4.2	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	5325.	4.2	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	5325.	4.2	.0	92.0	

1 JOB: S28 B115AM RUN: S28 B115AM
DATE: 01/20/2007 TIME: 00:14:37.92 PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

1 JOB: S28 B115AM RUN: S28 B115AM PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .5	.6	.4	.4	.4
5.	* .4	.6	.5	.4	.4
10.	* .4	.6	.4	.4	.4
15.	* .4	.6	.4	.4	.4
20.	* .5	.6	.4	.4	.4
25.	* .4	.5	.4	.4	.4
30.	* .4	.5	.4	.4	.4
35.	* .5	.5	.4	.4	.4
40.	* .4	.5	.4	.4	.4
45.	* .5	.5	.4	.4	.4
50.	* .4	.5	.4	.4	.4
55.	* .4	.5	.4	.4	.4
60.	* .4	.5	.4	.4	.4
65.	* .4	.5	.4	.4	.4
70.	* .4	.5	.4	.4	.4
75.	* .4	.5	.4	.4	.4
80.	* .4	.5	.4	.4	.4
85.	* .4	.5	.4	.4	.4
90.	* .4	.5	.4	.4	.4
95.	* .4	.5	.4	.4	.4
100.	* .5	.5	.4	.4	.4
105.	* .5	.5	.4	.4	.4
110.	* .5	.5	.4	.4	.4
115.	* .5	.5	.4	.4	.4
120.	* .5	.6	.4	.4	.4
125.	* .5	.6	.4	.4	.4
130.	* .5	.5	.4	.4	.4
135.	* .4	.5	.2	.4	.4
140.	* .3	.3	.2	.2	.4
145.	* .2	.2	.1	.1	.1
150.	* .1	.1	.1	.1	.1
155.	* .0	.1	.0	.0	.0
160.	* .0	.0	.0	.0	.0
165.	* .0	.0	.0	.0	.0
170.	* .0	.0	.0	.0	.0
175.	* .0	.0	.0	.0	.0
180.	* .0	.0	.0	.0	.0
185.	* .0	.0	.0	.0	.0
190.	* .0	.0	.0	.0	.0
195.	* .0	.0	.0	.0	.0
200.	* .0	.0	.0	.0	.0
205.	* .0	.0	.0	.0	.0

1 JOB: S28 B115AM RUN: S28 B115AM PAGE 4
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.0	.0
320.	.1	.1	.1	.1
325.	.2	.2	.1	.1
330.	.3	.5	.2	.2
335.	.4	.5	.3	.4
340.	.5	.6	.5	.4
345.	.5	.5	.4	.4
350.	.5	.6	.5	.4
355.	.5	.5	.4	.4
360.	.5	.6	.4	.4
MAX	.5	.6	.5	.4
DEGR.	0	0	5	0

THE HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC3 .

1

JOB: S28 B115AM
 DATE: 01/20/2007 TIME: 00:14:37.92

RUN: S28 B115AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.0	.0	.0	.0
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.1	.1	.1	.1
5	.0	.4	.3	.0
6	.4	.1	.1	.3

S28 B115PM			60.0175.0.0000.000	40.30480000	S28B115P	11	1
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
S28 B115PM			6	1	1		
1							
1	NB to 70	AG193486.630084.193830.629169.	3575	4.2	0	56	59.
0	1	NB to 70	AG193830.629169.194003.628790.	3575	4.2	0	56
0	1	NB to 70	AG194003.628790.194313.628351.	3575	4.2	0	56
0	1	NB 270	AG193107.629946.194247.628314.	5600	4.2	0	68
1	1	SB 270	AG194169.628253.193552.629154.	4450	4.2	0	92
0	1	SB 270	AG193552.629154.192995.629863.	4450	4.2	0	92
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: S28 B115PM RUN: S28 B115PM
DATE: 01/20/2007 TIME: 00:17:15.40

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	3575.	4.2	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	3575.	4.2	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	3575.	4.2	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	5600.	4.2	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	4450.	4.2	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	4450.	4.2	.0	92.0	

1 JOB: S28 B115PM RUN: S28 B115PM
DATE: 01/20/2007 TIME: 00:17:15.40 PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

1 JOB: S28 B115PM RUN: S28 B115PM PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .7	.8	.6	.5	
5.	* .6	.7	.5	.6	
10.	* .6	.7	.5	.5	
15.	* .5	.7	.6	.5	
20.	* .6	.6	.5	.5	
25.	* .6	.6	.5	.5	
30.	* .6	.6	.6	.5	
35.	* .5	.6	.6	.6	
40.	* .6	.7	.5	.5	
45.	* .6	.6	.5	.5	
50.	* .5	.6	.5	.6	
55.	* .6	.6	.5	.5	
60.	* .6	.6	.5	.5	
65.	* .6	.6	.5	.5	
70.	* .5	.6	.6	.4	
75.	* .6	.6	.6	.5	
80.	* .6	.6	.6	.5	
85.	* .6	.6	.6	.5	
90.	* .6	.6	.6	.5	
95.	* .6	.6	.6	.5	
100.	* .6	.7	.6	.6	
105.	* .6	.9	.6	.6	
110.	* .7	.8	.6	.6	
115.	* .8	.8	.6	.6	
120.	* .6	.8	.6	.6	
125.	* .6	.7	.6	.6	
130.	* .6	.7	.3	.6	
135.	* .4	.4	.3	.3	
140.	* .3	.3	.1	.3	
145.	* .1	.2	.1	.1	
150.	* .1	.1	.0	.1	
155.	* .0	.0	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

1 JOB: S28 B115PM RUN: S28 B115PM PAGE 4
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.1	.0	.0
320.	.1	.1	.1	.1
325.	.2	.3	.1	.1
330.	.3	.3	.3	.3
335.	.4	.6	.3	.3
340.	.5	.5	.5	.4
345.	.5	.7	.5	.5
350.	.5	.6	.5	.5
355.	.6	.8	.6	.5
360.	.7	.8	.6	.5
MAX	.8	.9	.6	.6
DEGR.	115	105	0	5

THE HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 115 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC3 .

1

JOB: S28 B115PM
 DATE: 01/20/2007 TIME: 00:17:15.40

RUN: S28 B115PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.0	.0	.1	.1
2	.1	.1	.0	.0
3	.1	.1	.0	.0
4	.3	.3	.2	.2
5	.3	.4	.2	.0
6	.0	.0	.1	.3

S28 B215AM			60.0175.0.0000.000	40.30480000	11	1
REC 1	193477.	629044.	5.			
REC 2	193602.	628897.	5.			
REC 3	193587.	628846.	5.			
REC 4	193446.	629041.	5.			
S28 B215AM			6	1	1	
1						
1	NB to 70	AG193486.630084.193830.629169.	1850 4.2	0 56	59.	
0	1	NB to 70	AG193830.629169.194003.628790.	1850 4.2	0 56	59.
0	1	NB to 70	AG194003.628790.194313.628351.	1850 4.2	0 56	59.
1		NB 270	AG193107.629946.194247.628314.	3025 4.2	0 68	59.
1		SB 270	AG194169.628253.193552.629154.	5725 4.2	0 92	60.
0	1	SB 270	AG193552.629154.192995.629863.	5725 4.2	0 92	60.
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: S28 B215AM RUN: S28 B215AM
DATE: 03/15/2007 TIME: 13:38:17.29

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	1850.	4.2	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	1850.	4.2	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	1850.	4.2	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	3025.	4.2	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	5725.	4.2	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	5725.	4.2	.0	92.0	

1 JOB: S28 B215AM RUN: S28 B215AM
DATE: 03/15/2007 TIME: 13:38:17.29 PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

1 JOB: S28 B215AM RUN: S28 B215AM PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .5	.6	.5	.4	
5.	* .5	.6	.6	.4	
10.	* .4	.6	.5	.4	
15.	* .4	.6	.5	.4	
20.	* .6	.6	.5	.4	
25.	* .6	.6	.4	.4	
30.	* .4	.5	.4	.5	
35.	* .5	.5	.4	.4	
40.	* .4	.5	.4	.4	
45.	* .5	.5	.4	.4	
50.	* .4	.5	.4	.4	
55.	* .4	.5	.4	.4	
60.	* .4	.5	.4	.4	
65.	* .5	.6	.4	.4	
70.	* .5	.6	.4	.4	
75.	* .5	.6	.4	.4	
80.	* .5	.6	.4	.4	
85.	* .5	.5	.4	.4	
90.	* .5	.5	.4	.4	
95.	* .5	.5	.4	.4	
100.	* .5	.5	.4	.4	
105.	* .5	.6	.5	.4	
110.	* .5	.6	.5	.5	
115.	* .5	.6	.5	.5	
120.	* .5	.6	.5	.5	
125.	* .5	.6	.5	.5	
130.	* .5	.6	.4	.4	
135.	* .5	.5	.3	.4	
140.	* .4	.3	.2	.2	
145.	* .2	.2	.1	.1	
150.	* .1	.1	.1	.1	
155.	* .0	.1	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

1 JOB: S28 B215AM RUN: S28 B215AM PAGE 4
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.0	.0
320.	.1	.2	.1	.1
325.	.2	.2	.2	.1
330.	.3	.5	.2	.2
335.	.5	.5	.4	.4
340.	.5	.6	.5	.4
345.	.5	.5	.4	.5
350.	.5	.6	.5	.5
355.	.5	.5	.4	.5
360.	.5	.6	.5	.4
MAX	.6	.6	.6	.5
DEGR.	20	0	5	30

THE HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 5 DEGREES FROM REC3 .

1

JOB: S28 B215AM
 DATE: 03/15/2007 TIME: 13:38:17.29

RUN: S28 B215AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.0	.1	.0
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.1	.1	.1	.1
5	.1	.4	.3	.1
6	.3	.1	.1	.3

S28 B215PM			60.0175.0.0000.000	40.30480000	S28B215P	11	1
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
S28 B215PM			6	1	1		
1							
1	NB to 70	AG193486.630084.193830.629169.	3800	4.2	0	56	59.
0	1	NB to 70	AG193830.629169.194003.628790.	3800	4.2	0	56
0	1	NB to 70	AG194003.628790.194313.628351.	3800	4.2	0	56
1		NB 270	AG193107.629946.194247.628314.	5650	4.2	0	68
1		SB 270	AG194169.628253.193552.629154.	4575	4.2	0	92
0	1	SB 270	AG193552.629154.192995.629863.	4575	4.2	0	92
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: S28 B215PM RUN: S28 B215PM
DATE: 03/15/2007 TIME: 13:40:17.41

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	3800.	4.2	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	3800.	4.2	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	3800.	4.2	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	5650.	4.2	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	4575.	4.2	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	4575.	4.2	.0	92.0	

1 JOB: S28 B215PM RUN: S28 B215PM
DATE: 03/15/2007 TIME: 13:40:17.41 PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

1 JOB: S28 B215PM RUN: S28 B215PM PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .7	.8	.6	.5	
5.	* .6	.7	.5	.6	
10.	* .6	.7	.6	.6	
15.	* .5	.7	.6	.5	
20.	* .6	.6	.6	.5	
25.	* .6	.6	.6	.5	
30.	* .6	.6	.6	.5	
35.	* .6	.6	.6	.6	
40.	* .6	.7	.6	.5	
45.	* .6	.6	.6	.5	
50.	* .5	.6	.6	.6	
55.	* .6	.6	.6	.5	
60.	* .6	.6	.6	.5	
65.	* .6	.6	.6	.5	
70.	* .5	.6	.6	.5	
75.	* .6	.6	.6	.5	
80.	* .6	.6	.6	.6	
85.	* .6	.6	.6	.6	
90.	* .6	.6	.6	.6	
95.	* .6	.7	.6	.6	
100.	* .6	.8	.6	.6	
105.	* .6	.9	.6	.6	
110.	* .7	.8	.6	.6	
115.	* .8	.8	.6	.6	
120.	* .7	.8	.6	.6	
125.	* .6	.7	.6	.6	
130.	* .6	.7	.4	.6	
135.	* .4	.4	.3	.3	
140.	* .3	.4	.1	.3	
145.	* .2	.2	.1	.1	
150.	* .1	.1	.0	.1	
155.	* .0	.1	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

1 JOB: S28 B215PM RUN: S28 B215PM PAGE 4
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.0	.0
320.	.1	.1	.1	.1
325.	.2	.3	.1	.1
330.	.3	.3	.3	.3
335.	.4	.6	.3	.3
340.	.5	.5	.5	.4
345.	.5	.7	.5	.5
350.	.5	.8	.5	.5
355.	.6	.8	.6	.5
360.	.7	.8	.6	.5
MAX	.8	.9	.6	.6
DEGR.	115	105	0	5

THE HIGHEST CONCENTRATION IS .90 PPM AT 105 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 115 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC3 .

1

JOB: S28 B215PM
 DATE: 03/15/2007 TIME: 13:40:17.41

RUN: S28 B215PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.0	.0	.1	.1
2	.1	.1	.0	.0
3	.1	.1	.0	.0
4	.3	.3	.2	.2
5	.3	.4	.2	.0
6	.0	.0	.1	.3

				S28NB30A.dat			
SITE 28 NB30 AM		60.0175.0.0000.000	40.30480000	11	1		
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
SITE 28 NB30AM		6	1	1			
1							
1	NB I270	AG194228.628344.193156.629900.	3450 3.7	0. 56.	59		
2	1	I70 ONRAMPAG194258.628356.193941.628923.	1325 3.5	0. 44.	55		
3	1	I70 ONRAMPAG193941.628923.193767.629327.	1325 3.5	0. 44.	55		
4	1	I70 ONRAMPAG193767.629327.193492.630036.	1325 3.5	0. 44.	55		
7	1	SB I-270 AG193065.629859.193514.629245.	6200 2.6	0. 44.	34		
8	1	SB I-270 AG193514.629245.194149.628311.	6200 2.6	0. 44.	34		
1.0	0.4 1000. 0.0Y	5 0 72					

1

JOB: SITE 28 NB30 AM
DATE: 12/20/2006 TIME: 11:57:27.03

RUN: SITE 28 NB30AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I270	*	194228.0	628344.0	193156.0	629900.0	*	1890.	325. AG	3450.	3.7	.0	56.0	
2. 2 I70 ONRAMP	*	194258.0	628356.0	193941.0	628923.0	*	650.	331. AG	1325.	3.5	.0	44.0	
3. 3 I70 ONRAMP	*	193941.0	628923.0	193767.0	629327.0	*	440.	337. AG	1325.	3.5	.0	44.0	
4. 4 I70 ONRAMP	*	193767.0	629327.0	193492.0	630036.0	*	760.	339. AG	1325.	3.5	.0	44.0	
5. 7 SB I-270	*	193065.0	629859.0	193514.0	629245.0	*	761.	144. AG	6200.	2.6	.0	44.0	
6. 8 SB I-270	*	193514.0	629245.0	194149.0	628311.0	*	1129.	146. AG	6200.	2.6	.0	44.0	

1

JOB: SITE 28 NB30 AM
DATE: 12/20/2006 TIME: 11:57:27.03

RUN: SITE 28 NB30AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	193477.0	629044.0	5.0	*
2. REC 2	*	193602.0	628897.0	5.0	*
3. REC 3	*	193587.0	628846.0	5.0	*
4. REC 4	*	193446.0	629041.0	5.0	*

1

JOB: SITE 28 NB30 AM

RUN: SITE 28 NB30AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.3	.3	.3	.3
5.	*	.3	.3	.3	.2
10.	*	.3	.3	.3	.2
15.	*	.3	.3	.3	.3
20.	*	.2	.3	.3	.3
25.	*	.3	.3	.3	.2
30.	*	.3	.3	.3	.2
35.	*	.3	.3	.3	.2
40.	*	.3	.3	.3	.2
45.	*	.3	.3	.3	.3
50.	*	.3	.3	.3	.3
55.	*	.3	.3	.3	.3
60.	*	.3	.3	.3	.3
65.	*	.3	.3	.3	.3
70.	*	.3	.3	.3	.3
75.	*	.3	.3	.3	.3
80.	*	.3	.3	.3	.3
85.	*	.3	.3	.3	.3
90.	*	.3	.3	.3	.3
95.	*	.3	.3	.3	.3
100.	*	.3	.3	.3	.3
105.	*	.3	.3	.3	.3
110.	*	.3	.3	.3	.3
115.	*	.3	.3	.3	.3
120.	*	.3	.3	.3	.3
125.	*	.3	.3	.3	.3
130.	*	.3	.3	.2	.3
135.	*	.3	.3	.1	.2
140.	*	.1	.1	.1	.1
145.	*	.1	.1	.0	.1
150.	*	.0	.0	.0	.0
155.	*	.0	.0	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.0	.0	.0	.0
170.	*	.0	.0	.0	.0
175.	*	.0	.0	.0	.0
180.	*	.0	.0	.0	.0
185.	*	.0	.0	.0	.0
190.	*	.0	.0	.0	.0
195.	*	.0	.0	.0	.0
200.	*	.0	.0	.0	.0
205.	*	.0	.0	.0	.0

1

JOB: SITE 28 NB30 AM

RUN: SITE 28 NB30AM
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.1	.0	.0
325.	.1	.1	.1	.0
330.	.1	.2	.1	.1
335.	.2	.3	.2	.1
340.	.3	.3	.2	.2
345.	.3	.3	.3	.3
350.	.3	.4	.3	.3
355.	.3	.4	.3	.3
360.	.3	.3	.3	.3
MAX	.3	.4	.3	.3
DEGR.	0	350	0	0

THE HIGHEST CONCENTRATION IS .40 PPM AT 350 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 0 DEGREES FROM REC3 .

1

JOB: SITE 28 NB30 AM
 DATE: 12/20/2006 TIME: 11:57:27.03

RUN: SITE 28 NB30AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.1	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.0	.0	.0	.0
5	.2	.1	.0	.2
6	.0	.2	.2	.0

				S28NB30P.dat			
SITE 28 NB30 PM		60.0175.0.0000.000	40.30480000	11	1		
REC 1	193477.	629044.	5.				
REC 2	193602.	628897.	5.				
REC 3	193587.	628846.	5.				
REC 4	193446.	629041.	5.				
SITE 28 NB30PM		6	1	1			
1							
1	NB I270	AG194228.628344.193156.629900.	6600 3.6	0. 56.	56		
2	1						
2	I70 ONRAMPAG	194258.628356.193941.628923.	2700 3.5	0. 44.	55		
3	1						
3	I70 ONRAMPAG	193941.628923.193767.629327.	2700 3.5	0. 44.	55		
4	1						
4	I70 ONRAMPAG	193767.629327.193492.630036.	2700 3.5	0. 44.	55		
7	1						
7	SB I-270	AG193065.629859.193514.629245.	5150 2.9	0. 44.	42		
8	1						
8	SB I-270	AG193514.629245.194149.628311.	5150 2.9	0. 44.	42		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: SITE 28 NB30 PM RUN: SITE 28 NB30PM
DATE: 12/20/2006 TIME: 11:57:51.14

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I270	* 194228.0	628344.0	193156.0	629900.0	* 1890.	325. AG	6600.	3.6	.0	56.0	
2. 2 I70 ONRAMP	* 194258.0	628356.0	193941.0	628923.0	* 650.	331. AG	2700.	3.5	.0	44.0	
3. 3 I70 ONRAMP	* 193941.0	628923.0	193767.0	629327.0	* 440.	337. AG	2700.	3.5	.0	44.0	
4. 4 I70 ONRAMP	* 193767.0	629327.0	193492.0	630036.0	* 760.	339. AG	2700.	3.5	.0	44.0	
5. 7 SB I-270	* 193065.0	629859.0	193514.0	629245.0	* 761.	144. AG	5150.	2.9	.0	44.0	
6. 8 SB I-270	* 193514.0	629245.0	194149.0	628311.0	* 1129.	146. AG	5150.	2.9	.0	44.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4
0.	* .3	.6	.3	.4
5.	* .4	.5	.5	.3
10.	* .5	.5	.5	.3
15.	* .5	.4	.4	.5
20.	* .4	.4	.4	.5
25.	* .4	.4	.4	.4
30.	* .4	.4	.4	.3
35.	* .4	.5	.5	.3
40.	* .4	.5	.4	.3
45.	* .4	.5	.4	.3
50.	* .4	.5	.4	.3
55.	* .4	.5	.4	.3
60.	* .4	.5	.4	.3
65.	* .5	.5	.3	.3
70.	* .5	.5	.3	.3
75.	* .5	.4	.3	.3
80.	* .5	.4	.4	.3
85.	* .5	.4	.4	.3
90.	* .4	.4	.4	.4
95.	* .4	.4	.5	.4
100.	* .4	.5	.5	.4
105.	* .4	.5	.5	.4
110.	* .4	.5	.5	.4
115.	* .4	.5	.5	.4
120.	* .5	.5	.4	.4
125.	* .4	.5	.4	.4
130.	* .4	.4	.2	.2
135.	* .3	.3	.2	.2
140.	* .2	.2	.1	.2
145.	* .1	.1	.0	.1
150.	* .0	.0	.0	.0
155.	* .0	.0	.0	.0
160.	* .0	.0	.0	.0
165.	* .0	.0	.0	.0
170.	* .0	.0	.0	.0
175.	* .0	.0	.0	.0
180.	* .0	.0	.0	.0
185.	* .0	.0	.0	.0
190.	* .0	.0	.0	.0
195.	* .0	.0	.0	.0
200.	* .0	.0	.0	.0
205.	* .0	.0	.0	.0

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.0	.0	.0	.0
320.	.0	.0	.0	.0
325.	.1	.2	.1	.0
330.	.2	.2	.2	.1
335.	.2	.4	.2	.2
340.	.4	.4	.3	.2
345.	.4	.4	.4	.4
350.	.4	.5	.4	.4
355.	.4	.5	.4	.4
360.	.3	.6	.3	.4
MAX	.5	.6	.5	.5
DEGR.	10	0	5	15

THE HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 10 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 5 DEGREES FROM REC3 .

1

JOB: SITE 28 NB30 PM
 DATE: 12/20/2006 TIME: 11:57:51.14

RUN: SITE 28 NB30PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.2	.3	.2	.2
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.1	.1	.1	.1
5	.1	.0	.0	.1
6	.1	.2	.2	.1

S28 B130AM			60.0175.0.0000.000	40.30480000	11	1
REC 1	193477.	629044.	5.			
REC 2	193602.	628897.	5.			
REC 3	193587.	628846.	5.			
REC 4	193446.	629041.	5.			
S28 B130AM			6	1	1	
1						
1	NB to 70	AG193486.630084.193830.629169.	2500 3.6	0 56	57.	
0	1	NB to 70	AG193830.629169.194003.628790.	2500 3.6	0 56	57.
0	1	NB to 70	AG194003.628790.194313.628351.	2500 3.6	0 56	57.
1		NB 270	AG193107.629946.194247.628314.	1875 3.6	0 68	57.
1		SB 270	AG194169.628253.193552.629154.	7750 3.8	0 92	60.
0	1	SB 270	AG193552.629154.192995.629863.	7750 3.8	0 92	60.
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: S28 B130AM RUN: S28 B130AM
DATE: 12/22/2006 TIME: 23:02:18.15

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	2500.	3.6	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	2500.	3.6	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	2500.	3.6	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	1875.	3.6	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	7750.	3.8	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	7750.	3.8	.0	92.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .6	.8	.6	.5	
5.	* .5	.8	.7	.5	
10.	* .6	.7	.6	.5	
15.	* .7	.7	.6	.6	
20.	* .6	.7	.6	.5	
25.	* .6	.7	.6	.5	
30.	* .7	.7	.5	.6	
35.	* .6	.6	.5	.6	
40.	* .7	.6	.5	.6	
45.	* .6	.6	.5	.6	
50.	* .7	.6	.5	.6	
55.	* .5	.7	.6	.5	
60.	* .5	.7	.6	.4	
65.	* .5	.7	.6	.5	
70.	* .5	.7	.6	.5	
75.	* .5	.7	.6	.5	
80.	* .6	.7	.6	.5	
85.	* .6	.7	.5	.5	
90.	* .7	.7	.5	.5	
95.	* .7	.7	.5	.5	
100.	* .7	.6	.5	.5	
105.	* .6	.7	.5	.5	
110.	* .6	.7	.6	.5	
115.	* .6	.8	.7	.5	
120.	* .6	.8	.5	.6	
125.	* .6	.7	.5	.5	
130.	* .6	.7	.4	.4	
135.	* .4	.5	.3	.3	
140.	* .3	.4	.2	.3	
145.	* .2	.3	.1	.2	
150.	* .1	.2	.1	.1	
155.	* .1	.1	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.1	.0
320.	.2	.2	.1	.1
325.	.3	.3	.2	.2
330.	.4	.5	.3	.3
335.	.4	.6	.3	.4
340.	.6	.7	.5	.4
345.	.6	.7	.5	.5
350.	.6	.7	.5	.5
355.	.6	.7	.6	.5
360.	.6	.8	.6	.5
MAX	.7	.8	.7	.6
DEGR.	15	0	5	15

THE HIGHEST CONCENTRATION IS .80 PPM AT 0 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 15 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 5 DEGREES FROM REC3 .

1

JOB: S28 B130AM
 DATE: 12/22/2006 TIME: 23:02:18.15

RUN: S28 B130AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.1	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.1	.1	.1	.1
5	.1	.5	.4	.0
6	.4	.1	.1	.4

S28 B130PM			60.0175.0.0000.000	40.30480000	11	1
REC 1	193477.	629044.	5.			
REC 2	193602.	628897.	5.			
REC 3	193587.	628846.	5.			
REC 4	193446.	629041.	5.			
S28 B130PM			6	1	1	
1						
1	NB to 70	AG193486.630084.193830.629169.	4925 3.6	0 56	57.	
0	1	NB to 70	AG193830.629169.194003.628790.	4925 3.6	0 56	57.
0	1	NB to 70	AG194003.628790.194313.628351.	4925 3.6	0 56	57.
1		NB 270	AG193107.629946.194247.628314.	3350 3.6	0 68	57.
1		SB 270	AG194169.628253.193552.629154.	5300 3.8	0 92	60.
0	1	SB 270	AG193552.629154.192995.629863.	5300 3.8	0 92	60.
1.0	0.4 1000. 0.0Y	5 0 72				

1

PAGE 1

JOB: S28 B130PM

DATE: 12/22/2006

TIME: 23:03:06.26

RUN: S28 B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	4925.	3.6	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	4925.	3.6	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	4925.	3.6	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	3350.	3.6	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	5300.	3.8	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	5300.	3.8	.0	92.0	

1

JOB: S28 B130PM

DATE: 12/22/2006

TIME: 23:03:06.26

RUN: S28 B130PM

PAGE 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

1

JOB: S28 B130PM

RUN: S28 B130PM

PAGE 3

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .5	.6	.5	.5	.5
5.	* .5	.5	.5	.5	.5
10.	* .5	.6	.5	.5	.5
15.	* .5	.6	.5	.4	.5
20.	* .5	.6	.5	.4	.5
25.	* .5	.6	.5	.4	.5
30.	* .5	.5	.5	.4	.5
35.	* .5	.5	.6	.5	.5
40.	* .5	.6	.5	.5	.5
45.	* .5	.5	.5	.4	.5
50.	* .5	.5	.5	.5	.5
55.	* .5	.5	.5	.5	.5
60.	* .5	.5	.5	.4	.5
65.	* .5	.5	.5	.4	.5
70.	* .6	.5	.5	.5	.5
75.	* .5	.5	.5	.5	.5
80.	* .5	.5	.5	.5	.5
85.	* .5	.6	.5	.5	.5
90.	* .5	.6	.5	.5	.5
95.	* .5	.6	.6	.5	.5
100.	* .5	.7	.5	.5	.5
105.	* .5	.7	.5	.5	.5
110.	* .5	.6	.5	.5	.5
115.	* .7	.6	.5	.6	.5
120.	* .6	.6	.5	.5	.5
125.	* .6	.6	.5	.5	.5
130.	* .5	.6	.4	.5	.5
135.	* .5	.4	.2	.3	.5
140.	* .2	.3	.1	.2	.5
145.	* .2	.2	.1	.1	.5
150.	* .1	.1	.0	.1	.5
155.	* .0	.1	.0	.0	.5
160.	* .0	.0	.0	.0	.5
165.	* .0	.0	.0	.0	.5
170.	* .0	.0	.0	.0	.5
175.	* .0	.0	.0	.0	.5
180.	* .0	.0	.0	.0	.5
185.	* .0	.0	.0	.0	.5
190.	* .0	.0	.0	.0	.5
195.	* .0	.0	.0	.0	.5
200.	* .0	.0	.0	.0	.5
205.	* .0	.0	.0	.0	.5

1

JOB: S28 B130PM

RUN: S28 B130PM
 Page 1

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.0	.0
320.	.1	.1	.1	.1
325.	.2	.2	.1	.1
330.	.2	.4	.2	.2
335.	.4	.5	.3	.3
340.	.4	.5	.4	.4
345.	.5	.5	.4	.4
350.	.4	.6	.4	.4
355.	.4	.6	.5	.4
360.	.5	.6	.5	.5
MAX	.7	.7	.6	.6
DEGR.	115	100	35	115

THE HIGHEST CONCENTRATION IS .70 PPM AT 115 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 100 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 35 DEGREES FROM REC3 .

1

JOB: S28 B130PM
 DATE: 12/22/2006 TIME: 23:03:06.26

RUN: S28 B130PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.0	.0	.1	.0
2	.1	.1	.1	.1
3	.1	.1	.0	.1
4	.1	.1	.1	.1
5	.4	.4	.3	.3
6	.0	.0	.0	.0

S28 B230AM			60.0175.0.0000.000	40.30480000	11	1
REC 1	193477.	629044.	5.			
REC 2	193602.	628897.	5.			
REC 3	193587.	628846.	5.			
REC 4	193446.	629041.	5.			
S28 B230AM			6	1	1	
1						
1	NB to 70	AG193486.630084.193830.629169.	2625 3.8	0 56	59.	
0	1	NB to 70	AG193830.629169.194003.628790.	2625 3.8	0 56	59.
0	1	NB to 70	AG194003.628790.194313.628351.	2625 3.8	0 56	59.
1		NB 270	AG193107.629946.194247.628314.	4575 3.6	0 68	57.
1		SB 270	AG194169.628253.193552.629154.	8350 3.8	0 92	60.
0	1	SB 270	AG193552.629154.192995.629863.	8350 3.8	0 92	60.
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: S28 B230AM RUN: S28 B230AM
DATE: 12/27/2006 TIME: 12:13:35.31

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	* 193486.0	630084.0	193830.0	629169.0	* 978.	159. AG	2625.	3.8	.0	56.0	
2. 0 NB to 70	* 193830.0	629169.0	194003.0	628790.0	* 417.	155. AG	2625.	3.8	.0	56.0	
3. 0 NB to 70	* 194003.0	628790.0	194313.0	628351.0	* 537.	145. AG	2625.	3.8	.0	56.0	
4. NB 270	* 193107.0	629946.0	194247.0	628314.0	* 1991.	145. AG	4575.	3.6	.0	68.0	
5. SB 270	* 194169.0	628253.0	193552.0	629154.0	* 1092.	326. AG	8350.	3.8	.0	92.0	
6. 0 SB 270	* 193552.0	629154.0	192995.0	629863.0	* 902.	322. AG	8350.	3.8	.0	92.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 193477.0	629044.0	5.0	*
2. REC 2	* 193602.0	628897.0	5.0	*
3. REC 3	* 193587.0	628846.0	5.0	*
4. REC 4	* 193446.0	629041.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	* .7	.9	.8	.7	
5.	* .8	.9	.8	.6	
10.	* .7	.9	.7	.7	
15.	* .8	.9	.7	.7	
20.	* .8	.9	.6	.6	
25.	* .7	.9	.6	.6	
30.	* .8	.8	.5	.6	
35.	* .7	.7	.5	.6	
40.	* .8	.7	.5	.6	
45.	* .8	.7	.5	.6	
50.	* .8	.8	.6	.6	
55.	* .7	.8	.6	.6	
60.	* .7	.8	.6	.5	
65.	* .7	.8	.6	.5	
70.	* .7	.8	.6	.5	
75.	* .6	.8	.6	.5	
80.	* .7	.8	.6	.5	
85.	* .8	.9	.6	.5	
90.	* .8	.9	.5	.6	
95.	* .8	.9	.6	.6	
100.	* .8	.8	.7	.7	
105.	* .8	.8	.8	.7	
110.	* .7	.9	.8	.7	
115.	* .8	.9	.8	.7	
120.	* .8	.9	.7	.7	
125.	* .8	.9	.6	.6	
130.	* .6	.7	.5	.5	
135.	* .6	.6	.4	.5	
140.	* .5	.5	.2	.4	
145.	* .2	.3	.1	.2	
150.	* .1	.2	.1	.1	
155.	* .1	.1	.0	.0	
160.	* .0	.0	.0	.0	
165.	* .0	.0	.0	.0	
170.	* .0	.0	.0	.0	
175.	* .0	.0	.0	.0	
180.	* .0	.0	.0	.0	
185.	* .0	.0	.0	.0	
190.	* .0	.0	.0	.0	
195.	* .0	.0	.0	.0	
200.	* .0	.0	.0	.0	
205.	* .0	.0	.0	.0	

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.1	.1
320.	.2	.2	.1	.1
325.	.3	.3	.2	.2
330.	.5	.6	.4	.3
335.	.6	.6	.5	.5
340.	.6	.8	.6	.5
345.	.8	.8	.7	.6
350.	.7	.8	.7	.6
355.	.7	.9	.7	.7
360.	.7	.9	.8	.7
MAX	.8	.9	.8	.7
DEGR.	45	0	0	10

THE HIGHEST CONCENTRATION IS .90 PPM AT 0 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 45 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 0 DEGREES FROM REC3 .

1

JOB: S28 B230AM
 DATE: 12/27/2006 TIME: 12:13:35.31

RUN: S28 B230AM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.1	.1	.1
2	.0	.0	.0	.0
3	.0	.0	.0	.0
4	.2	.2	.2	.2
5	.4	.5	.4	.0
6	.1	.1	.1	.4

S28 B230PM				60.0175.0.0000.000 40.30480000				S28B230P.DAT		11	1
REC 1		193477.	629044.	5.							
REC 2		193602.	628897.	5.							
REC 3		193587.	628846.	5.							
REC 4		193446.	629041.	5.							
S28 B230PM				6	1	1					
1											
1	NB to 70	AG193486.630084.193830.629169.		5275	3.6	0	56	57.			
0	NB to 70	AG193830.629169.194003.628790.		5275	3.6	0	56	57.			
1											
0	NB to 70	AG194003.628790.194313.628351.		5275	3.6	0	56	57.			
1											
1	NB 270	AG193107.629946.194247.628314.		8875	3.6	0	68	57.			
1											
1	SB 270	AG194169.628253.193552.629154.		6675	3.8	0	92	60.			
0											
1.0	0.4 1000. 0.0Y	AG193552.629154.192995.629863.		6675	3.8	0	92	60.			
		5 0 72									

1

JOB: S28 B230PM
DATE: 12/27/2006 TIME: 12:17:17.48
RUN: S28 B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB to 70	*	193486.0	630084.0	193830.0	629169.0	*	978.	159. AG	5275.	3.6	.0	56.0	
2. 0 NB to 70	*	193830.0	629169.0	194003.0	628790.0	*	417.	155. AG	5275.	3.6	.0	56.0	
3. 0 NB to 70	*	194003.0	628790.0	194313.0	628351.0	*	537.	145. AG	5275.	3.6	.0	56.0	
4. NB 270	*	193107.0	629946.0	194247.0	628314.0	*	1991.	145. AG	8875.	3.6	.0	68.0	
5. SB 270	*	194169.0	628253.0	193552.0	629154.0	*	1092.	326. AG	6675.	3.8	.0	92.0	
6. 0 SB 270	*	193552.0	629154.0	192995.0	629863.0	*	902.	322. AG	6675.	3.8	.0	92.0	

1

JOB: S28 B230PM
DATE: 12/27/2006 TIME: 12:17:17.48
RUN: S28 B230PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	193477.0	629044.0	5.0	*
2. REC 2	*	193602.0	628897.0	5.0	*
3. REC 3	*	193587.0	628846.0	5.0	*
4. REC 4	*	193446.0	629041.0	5.0	*

1

JOB: S28 B230PM
RUN: S28 B230PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4
0.	*	.8	1.0	.8	.8
5.	*	.8	1.0	.8	.8
10.	*	.8	.8	.7	.7
15.	*	.8	.8	.7	.7
20.	*	.8	.8	.7	.7
25.	*	.8	.8	.7	.7
30.	*	.8	.8	.7	.8
35.	*	.8	.8	.8	.7
40.	*	.7	.9	.8	.7
45.	*	.8	.8	.7	.7
50.	*	.7	.8	.7	.7
55.	*	.8	.8	.7	.8
60.	*	.8	.8	.7	.7
65.	*	.8	.8	.7	.7
70.	*	.9	.8	.7	.7
75.	*	.8	.8	.7	.7
80.	*	.8	.8	.7	.7
85.	*	.8	.8	.7	.7
90.	*	.8	.8	.7	.7
95.	*	.8	.9	.8	.7
100.	*	.8	1.0	.9	.8
105.	*	.8	1.1	.8	.8
110.	*	.8	1.0	.8	.8
115.	*	.9	1.0	.8	.9
120.	*	.9	.9	.8	.8
125.	*	.9	.9	.7	.8
130.	*	.8	.9	.6	.7
135.	*	.7	.7	.4	.5
140.	*	.4	.4	.3	.3
145.	*	.3	.3	.1	.1
150.	*	.1	.1	.1	.1
155.	*	.1	.1	.0	.0
160.	*	.0	.0	.0	.0
165.	*	.0	.0	.0	.0
170.	*	.0	.0	.0	.0
175.	*	.0	.0	.0	.0
180.	*	.0	.0	.0	.0
185.	*	.0	.0	.0	.0
190.	*	.0	.0	.0	.0
195.	*	.0	.0	.0	.0
200.	*	.0	.0	.0	.0
205.	*	.0	.0	.0	.0

1

JOB: S28 B230PM
RUN: S28 B230PM
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4
210.	.0	.0	.0	.0
215.	.0	.0	.0	.0
220.	.0	.0	.0	.0
225.	.0	.0	.0	.0
230.	.0	.0	.0	.0
235.	.0	.0	.0	.0
240.	.0	.0	.0	.0
245.	.0	.0	.0	.0
250.	.0	.0	.0	.0
255.	.0	.0	.0	.0
260.	.0	.0	.0	.0
265.	.0	.0	.0	.0
270.	.0	.0	.0	.0
275.	.0	.0	.0	.0
280.	.0	.0	.0	.0
285.	.0	.0	.0	.0
290.	.0	.0	.0	.0
295.	.0	.0	.0	.0
300.	.0	.0	.0	.0
305.	.0	.0	.0	.0
310.	.0	.0	.0	.0
315.	.1	.1	.0	.0
320.	.1	.2	.1	.1
325.	.3	.3	.3	.2
330.	.4	.6	.3	.3
335.	.6	.6	.5	.4
340.	.6	.8	.6	.6
345.	.7	.9	.7	.7
350.	.7	1.0	.8	.7
355.	.7	1.0	.8	.7
360.	.8	1.0	.8	.8
MAX	.9	1.1	.9	.9
DEGR.	70	105	100	115

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 105 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 70 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 100 DEGREES FROM REC3 .

1

JOB: S28 B230PM
 DATE: 12/27/2006 TIME: 12:17:17.48

RUN: S28 B230PM

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4
1	.1	.0	.0	.0
2	.1	.1	.1	.1
3	.0	.1	.1	.1
4	.3	.4	.3	.3
5	.4	.5	.4	.4
6	.0	.0	.0	.0

Site 29
Monocacy National Battlefield

				S29EXAM.DAT		
EX MON BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1	
REC 29-1	198367.	619434.	5.			
REC 29-2	198660.	619068.	5.			
REC 29-3	198748.	618768.	5.			
REC 29-4	199518.	619448.	5.			
REC 29-5	198649.	619663.	5.			
REC 30-1	198284.	619739.	5.			
REC 30-2	198946.	619774.	5.			
EXISTING BATTLEFIELD		3	1	1		
1						
1	NB I-270	AG199394.618407.198669.620104.	2037	2.6	0.44.	60.5
3	1	SB I-270	AG198600.620073.198930.619350.	3226	2.8	0.44.
4	1	SB I-270	AG198930.619350.199349.618388.	3226	2.8	0.44.
1.0	.54	1000 0.0Y	5	0	72	

JOB: EX MON BATTLEFIELD
 DATE: 12/15/2006 TIME: 10:14:24.89 RUN: EXISTING BATTLEFIELD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	*	199394.0	618407.0	198669.0	620104.0	*	1845.	337. AG	2037.	2.6	.0 44.0
2. 3 SB I-270	*	198600.0	620073.0	198930.0	619350.0	*	795.	155. AG	3226.	2.8	.0 44.0
3. 4 SB I-270	*	198930.0	619350.0	199349.0	618388.0	*	1049.	156. AG	3226.	2.8	.0 44.0

JOB: EX MON BATTLEFIELD
 DATE: 12/15/2006 TIME: 10:14:24.89 RUN: EXISTING BATTLEFIELD

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*	
1. REC 29-1	*	198367.0	619434.0	5.0	*
2. REC 29-2	*	198660.0	619068.0	5.0	*
3. REC 29-3	*	198748.0	618768.0	5.0	*
4. REC 29-4	*	199518.0	619448.0	5.0	*
5. REC 29-5	*	198649.0	619663.0	5.0	*
6. REC 30-1	*	198284.0	619739.0	5.0	*
7. REC 30-2	*	198946.0	619774.0	5.0	*

JOB: EX MON BATTLEFIELD
 RUN: EXISTING BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	*	.0	.0	.0	.0	.1	.0
6.	*	.0	.1	.0	.0	.1	.0
11.	*	.0	.1	.0	.0	.1	.0
16.	*	.0	.1	.0	.0	.1	.0
21.	*	.0	.1	.0	.0	.1	.0
26.	*	.0	.1	.0	.0	.2	.0
31.	*	.0	.0	.0	.0	.1	.0
36.	*	.0	.0	.0	.0	.1	.0
41.	*	.0	.0	.0	.0	.1	.0
46.	*	.0	.0	.0	.0	.1	.0
51.	*	.0	.0	.0	.0	.1	.0
56.	*	.0	.0	.0	.0	.1	.0
61.	*	.0	.0	.0	.0	.1	.0
66.	*	.0	.1	.0	.0	.1	.0
71.	*	.0	.1	.0	.0	.1	.0
76.	*	.0	.1	.0	.0	.1	.0
81.	*	.0	.1	.0	.0	.1	.0
86.	*	.0	.1	.0	.0	.1	.0
91.	*	.0	.1	.0	.0	.1	.0
96.	*	.0	.1	.1	.0	.1	.0
101.	*	.0	.1	.0	.0	.1	.0
106.	*	.0	.1	.0	.0	.2	.0
111.	*	.0	.1	.0	.0	.2	.0
116.	*	.0	.1	.0	.0	.2	.0
121.	*	.0	.1	.0	.0	.2	.0
126.	*	.0	.1	.0	.0	.2	.0
131.	*	.0	.0	.0	.0	.2	.0
136.	*	.0	.0	.0	.0	.3	.0
141.	*	.0	.0	.0	.0	.3	.0
146.	*	.0	.0	.0	.0	.1	.0
151.	*	.0	.0	.0	.0	.1	.0
156.	*	.0	.0	.0	.0	.1	.0
161.	*	.0	.0	.0	.0	.0	.1
166.	*	.0	.0	.0	.0	.0	.2
171.	*	.0	.0	.0	.0	.0	.2
176.	*	.0	.0	.0	.0	.0	.2
181.	*	.0	.0	.0	.0	.0	.2
186.	*	.0	.0	.0	.0	.0	.2
191.	*	.0	.0	.0	.0	.0	.2
196.	*	.0	.0	.0	.0	.0	.2
201.	*	.0	.0	.0	.0	.0	.2
206.	*	.0	.0	.0	.0	.0	.2

JOB: EX MON BATTLEFIELD
 RUN: EXISTING BATTLEFIELD
 Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.0	.0	.2
216.	.0	.0	.0	.0	.0	.0	.2
221.	.0	.0	.0	.0	.0	.0	.2
226.	.0	.0	.0	.0	.0	.0	.2
231.	.0	.0	.0	.0	.0	.0	.2
236.	.0	.0	.0	.0	.0	.0	.2
241.	.0	.0	.0	.0	.0	.0	.2
246.	.0	.0	.0	.0	.0	.0	.2
251.	.0	.0	.0	.0	.0	.0	.2
256.	.0	.0	.0	.0	.0	.0	.2
261.	.0	.0	.0	.0	.0	.0	.2
266.	.0	.0	.0	.0	.0	.0	.2
271.	.0	.0	.0	.0	.0	.0	.2
276.	.0	.0	.0	.0	.0	.0	.2
281.	.0	.0	.0	.0	.0	.0	.2
286.	.0	.0	.0	.0	.0	.0	.2
291.	.0	.0	.0	.0	.0	.0	.2
296.	.0	.0	.0	.0	.0	.0	.2
301.	.0	.0	.0	.0	.0	.0	.2
306.	.0	.0	.0	.0	.0	.0	.2
311.	.0	.0	.0	.0	.0	.0	.2
316.	.0	.0	.0	.0	.0	.0	.1
321.	.0	.0	.0	.0	.0	.0	.0
326.	.0	.0	.0	.0	.0	.0	.0
331.	.0	.0	.0	.0	.0	.0	.0
336.	.0	.0	.0	.0	.0	.0	.0
341.	.0	.0	.0	.0	.0	.0	.0
346.	.0	.0	.0	.0	.0	.0	.0
351.	.0	.0	.0	.0	.1	.0	.0
356.	.0	.0	.0	.0	.1	.0	.0
361.	.0	.0	.0	.0	.1	.0	.0
MAX	.0	.1	.1	.0	.3	.0	.2
DEGR.	0	5	95	0	135	0	165

THE HIGHEST CONCENTRATION IS .30 PPM AT 135 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .20 PPM AT 165 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 5 DEGREES FROM REC2 .

1

JOB: EX MON BATTLEFIELD
 DATE: 12/15/2006 TIME: 10:14:24.89

RUN: EXISTING BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.0	.0	.0	.0	.1	.0	.1
2	.0	.1	.0	.0	.1	.0	.0
3	.0	.0	.1	.0	.1	.0	.1

				S29EXPM.DAT		
EX PM	BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1
REC 29-1		198367.	619434.	5.		
REC 29-2		198660.	619068.	5.		
REC 29-3		198748.	618768.	5.		
REC 29-4		199518.	619448.	5.		
REC 29-5		198649.	619663.	5.		
REC 30-1		198284.	619739.	5.		
REC 30-2		198946.	619774.	5.		
EXISTING	BATTLEFIELD		3	1	1	
1						
1	NB I-270	AG199394.618407.198669.620104.	3470	3.1	0. 44.	56.3
3	SB I-270	AG198600.620073.198930.619350.	2194	3.9	0. 44.	60.5
4	SB I-270	AG198930.619350.199349.618388.	2194	3.9	0. 44.	60.5
1.0	0.4 1000. 0.0Y	5 0 72				

JOB: EX PM BATTLEFIELD
DATE: 12/15/2006 TIME: 10:15:09.93 RUN: EXISTING BATTLEFIELD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	*	199394.0	618407.0	198669.0	620104.0	*	1845.	337. AG	3470.	3.1	.0 44.0
2. 3 SB I-270	*	198600.0	620073.0	198930.0	619350.0	*	795.	155. AG	2194.	3.9	.0 44.0
3. 4 SB I-270	*	198930.0	619350.0	199349.0	618388.0	*	1049.	156. AG	2194.	3.9	.0 44.0

JOB: EX PM BATTLEFIELD
DATE: 12/15/2006 TIME: 10:15:09.93 RUN: EXISTING BATTLEFIELD

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	* Y
1. REC 29-1	*	198367.0	619434.0	5.0
2. REC 29-2	*	198660.0	619068.0	5.0
3. REC 29-3	*	198748.0	618768.0	5.0
4. REC 29-4	*	199518.0	619448.0	5.0
5. REC 29-5	*	198649.0	619663.0	5.0
6. REC 30-1	*	198284.0	619739.0	5.0
7. REC 30-2	*	198946.0	619774.0	5.0

JOB: EX PM BATTLEFIELD RUN: EXISTING BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
0.	*	.0	.0	.0	.0	.2	.0
5.	*	.0	.0	.1	.0	.2	.0
10.	*	.0	.2	.1	.0	.2	.0
15.	*	.0	.2	.1	.0	.2	.0
20.	*	.0	.2	.1	.0	.2	.0
25.	*	.0	.2	.1	.0	.2	.0
30.	*	.0	.1	.1	.0	.2	.0
35.	*	.0	.1	.1	.0	.2	.0
40.	*	.0	.1	.1	.0	.2	.0
45.	*	.0	.1	.1	.0	.2	.0
50.	*	.0	.1	.1	.0	.2	.0
55.	*	.0	.1	.1	.0	.2	.0
60.	*	.0	.1	.1	.0	.2	.0
65.	*	.0	.1	.1	.0	.2	.0
70.	*	.0	.1	.1	.0	.2	.0
75.	*	.0	.1	.1	.0	.2	.1
80.	*	.0	.2	.1	.0	.2	.1
85.	*	.0	.2	.1	.0	.2	.0
90.	*	.0	.2	.1	.0	.2	.1
95.	*	.0	.2	.1	.0	.2	.1
100.	*	.0	.2	.1	.0	.2	.1
105.	*	.0	.2	.1	.0	.2	.1
110.	*	.1	.2	.0	.0	.2	.1
115.	*	.1	.2	.0	.0	.2	.1
120.	*	.1	.2	.0	.0	.2	.1
125.	*	.0	.1	.0	.0	.2	.1
130.	*	.0	.0	.0	.0	.2	.1
135.	*	.0	.0	.0	.0	.2	.0
140.	*	.0	.0	.0	.0	.3	.0
145.	*	.0	.0	.0	.0	.2	.0
150.	*	.0	.0	.0	.0	.2	.0
155.	*	.0	.0	.0	.0	.1	.0
160.	*	.0	.0	.0	.0	.0	.1
165.	*	.0	.0	.0	.0	.0	.2
170.	*	.0	.0	.0	.0	.0	.3
175.	*	.0	.0	.0	.0	.0	.3
180.	*	.0	.0	.0	.0	.0	.3
185.	*	.0	.0	.0	.0	.0	.3
190.	*	.0	.0	.0	.0	.0	.3
195.	*	.0	.0	.0	.0	.0	.2
200.	*	.0	.0	.0	.0	.0	.2
205.	*	.0	.0	.0	.1	.0	.2

JOB: EX PM BATTLEFIELD RUN: EXISTING BATTLEFIELD
Page 1

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)						
	REC1	REC2	REC3	REC4	REC5	REC6	REC7
210.	.0	.0	.0	.0	.0	.0	.2
215.	.0	.0	.0	.0	.0	.0	.2
220.	.0	.0	.0	.0	.0	.0	.2
225.	.0	.0	.0	.0	.0	.0	.2
230.	.0	.0	.0	.0	.0	.0	.2
235.	.0	.0	.0	.0	.0	.0	.2
240.	.0	.0	.0	.0	.0	.0	.2
245.	.0	.0	.0	.0	.0	.0	.2
250.	.0	.0	.0	.0	.0	.0	.2
255.	.0	.0	.0	.0	.0	.0	.2
260.	.0	.0	.0	.0	.0	.0	.2
265.	.0	.0	.0	.0	.0	.0	.2
270.	.0	.0	.0	.0	.0	.0	.2
275.	.0	.0	.0	.0	.0	.0	.2
280.	.0	.0	.0	.0	.0	.0	.2
285.	.0	.0	.0	.0	.0	.0	.2
290.	.0	.0	.0	.1	.0	.0	.2
295.	.0	.0	.0	.0	.0	.0	.2
300.	.0	.0	.0	.0	.0	.0	.2
305.	.0	.0	.0	.0	.0	.0	.2
310.	.0	.0	.0	.0	.0	.0	.2
315.	.0	.0	.0	.0	.0	.0	.1
320.	.0	.0	.0	.0	.0	.0	.1
325.	.0	.0	.0	.0	.0	.0	.1
330.	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.1	.0	.0
355.	.0	.0	.0	.0	.1	.0	.0
360.	.0	.0	.0	.0	.2	.0	.0
MAX	.1	.2	.1	.1	.3	.1	.3
DEGR.	110	10	5	205	140	75	170

THE HIGHEST CONCENTRATION IS .30 PPM AT 140 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 170 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 10 DEGREES FROM REC2 .

1

JOB: EX PM BATTLEFIELD
 DATE: 12/15/2006 TIME: 10:15:09.93

RUN: EXISTING BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	* CO/LINK (PPM) * ANGLE (DEGREES)						
		REC1	REC2	REC3	REC4	REC5	REC6	REC7
	*	110	10	5	205	140	75	170
1	*	.1	.1	.1	.1	.1	.1	.2
2	*	.0	.1	.0	.0	.1	.0	.0
3	*	.0	.0	.0	.0	.1	.0	.1

				S29NB15A.DAT			
NB15A MON BATTLEFIELD				60.0175.0.0000.000	70.30480000	11	1
REC 29-1	198367.	619434.	5.				
REC 29-2	198660.	619068.	5.				
REC 29-3	198748.	618768.	5.				
REC 29-4	199518.	619448.	5.				
REC 29-5	198649.	619663.	5.				
REC 30-1	198284.	619739.	5.				
REC 30-2	198946.	619774.	5.				
NB15AM BATTLEFIELD				3	1	1	
1							
1	NB I-270	AG199394.618407.198669.620104.	2175	4.0	0.44.	56	
3	SB I-270	AG198600.620073.198930.619350.	4775	2.9	0.44.	30	
4	SB I-270	AG198930.619350.199349.618388.	4775	2.9	0.44.	30	
1.0	.54	1000 0.0Y 5 0 72					

JOB: NB15A MON BATTLEFIELD RUN: NB15AM BATTLEFIELD
DATE: 01/20/2007 TIME: 00:25:28.08

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	*	199394.0	618407.0	198669.0	620104.0	*	1845.	337. AG	2175.	4.0	.0	44.0	
2. 3 SB I-270	*	198600.0	620073.0	198930.0	619350.0	*	795.	155. AG	4775.	2.9	.0	44.0	
3. 4 SB I-270	*	198930.0	619350.0	199349.0	618388.0	*	1049.	156. AG	4775.	2.9	.0	44.0	

JOB: NB15A MON BATTLEFIELD RUN: NB15AM BATTLEFIELD
DATE: 01/20/2007 TIME: 00:25:28.08

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 29-1	*	198367.0	619434.0	5.0	*
2. REC 29-2	*	198660.0	619068.0	5.0	*
3. REC 29-3	*	198748.0	618768.0	5.0	*
4. REC 29-4	*	199518.0	619448.0	5.0	*
5. REC 29-5	*	198649.0	619663.0	5.0	*
6. REC 30-1	*	198284.0	619739.0	5.0	*
7. REC 30-2	*	198946.0	619774.0	5.0	*

JOB: NB15A MON BATTLEFIELD RUN: NB15AM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	*	REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	*	.0	.1	.1	.0	.2	.0	.0
6.	*	.0	.1	.1	.0	.3	.0	.0
11.	*	.0	.1	.1	.0	.3	.0	.0
16.	*	.0	.1	.0	.0	.3	.0	.0
21.	*	.0	.1	.1	.0	.3	.0	.0
26.	*	.0	.1	.1	.0	.3	.0	.0
31.	*	.1	.1	.1	.0	.3	.0	.0
36.	*	.1	.1	.1	.0	.3	.0	.0
41.	*	.1	.0	.1	.0	.3	.0	.0
46.	*	.1	.0	.1	.0	.3	.0	.0
51.	*	.1	.1	.1	.0	.3	.1	.0
56.	*	.1	.1	.1	.0	.3	.1	.0
61.	*	.1	.1	.1	.0	.3	.1	.0
66.	*	.1	.1	.1	.0	.3	.1	.0
71.	*	.1	.1	.1	.0	.3	.1	.0
76.	*	.1	.1	.1	.0	.3	.1	.0
81.	*	.1	.1	.1	.0	.3	.1	.0
86.	*	.1	.1	.1	.0	.3	.1	.0
91.	*	.1	.1	.1	.0	.3	.1	.0
96.	*	.0	.1	.1	.0	.3	.1	.0
101.	*	.0	.1	.1	.0	.3	.1	.0
106.	*	.0	.1	.1	.0	.3	.1	.0
111.	*	.1	.1	.1	.0	.3	.1	.0
116.	*	.1	.1	.1	.0	.3	.1	.0
121.	*	.1	.1	.0	.0	.3	.0	.0
126.	*	.1	.1	.0	.0	.3	.1	.0
131.	*	.1	.1	.0	.0	.4	.1	.0
136.	*	.0	.0	.0	.0	.3	.1	.0
141.	*	.0	.0	.0	.0	.3	.1	.0
146.	*	.0	.0	.0	.0	.3	.0	.0
151.	*	.0	.0	.0	.0	.2	.0	.0
156.	*	.0	.0	.0	.0	.1	.0	.1
161.	*	.0	.0	.0	.0	.1	.0	.2
166.	*	.0	.0	.0	.0	.0	.0	.2
171.	*	.0	.0	.0	.0	.0	.0	.2
176.	*	.0	.0	.0	.0	.0	.0	.2
181.	*	.0	.0	.0	.0	.0	.0	.3
186.	*	.0	.0	.0	.0	.0	.0	.3
191.	*	.0	.0	.0	.0	.0	.0	.2
196.	*	.0	.0	.0	.0	.0	.0	.2
201.	*	.0	.0	.0	.1	.0	.0	.2
206.	*	.0	.0	.0	.1	.0	.0	.2

JOB: NB15A MON BATTLEFIELD RUN: NB15AM BATTLEFIELD
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.1	.0	.0	.2
216.	.0	.0	.0	.1	.0	.0	.2
221.	.0	.0	.0	.1	.0	.0	.2
226.	.0	.0	.0	.1	.0	.0	.2
231.	.0	.0	.0	.1	.0	.0	.2
236.	.0	.0	.0	.1	.0	.0	.2
241.	.0	.0	.0	.1	.0	.0	.2
246.	.0	.0	.0	.1	.0	.0	.2
251.	.0	.0	.0	.0	.0	.0	.2
256.	.0	.0	.0	.0	.0	.0	.2
261.	.0	.0	.0	.0	.0	.0	.2
266.	.0	.0	.0	.0	.0	.0	.2
271.	.0	.0	.0	.0	.0	.0	.2
276.	.0	.0	.0	.1	.0	.0	.2
281.	.0	.0	.0	.1	.0	.0	.2
286.	.0	.0	.0	.1	.0	.0	.2
291.	.0	.0	.0	.1	.0	.0	.2
296.	.0	.0	.0	.1	.0	.0	.2
301.	.0	.0	.0	.0	.0	.0	.2
306.	.0	.0	.0	.0	.0	.0	.2
311.	.0	.0	.0	.0	.0	.0	.2
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.1
326.	.0	.0	.0	.0	.0	.0	.0
331.	.0	.0	.0	.0	.0	.0	.0
336.	.0	.0	.0	.0	.0	.0	.0
341.	.0	.0	.0	.0	.0	.0	.0
346.	.0	.0	.0	.0	.1	.0	.0
351.	.0	.0	.0	.0	.1	.0	.0
356.	.0	.0	.1	.0	.1	.0	.0
361.	.0	.1	.1	.0	.2	.0	.0
MAX	.1	.1	.1	.1	.4	.1	.3
DEGR.	30	0	0	200	130	50	180

THE HIGHEST CONCENTRATION IS .40 PPM AT 130 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 180 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .10 PPM AT 30 DEGREES FROM REC1 .

1

JOB: NB15A MON BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:25:28.08

RUN: NB15AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.0	.0	.0	.0	.1	.0	.1
2	.1	.1	.1	.0	.2	.1	.1
3	.0	.0	.0	.1	.1	.0	.1

				S29NB15P.DAT			
NB15P MON BATTLEFIELD				60.0175.0.0000.000	70.30480000	11	1
REC 29-1	198367.	619434.	5.				
REC 29-2	198660.	619068.	5.				
REC 29-3	198748.	618768.	5.				
REC 29-4	199518.	619448.	5.				
REC 29-5	198649.	619663.	5.				
REC 30-1	198284.	619739.	5.				
REC 30-2	198946.	619774.	5.				
NB15PM BATTLEFIELD				3	1	1	
1							
1	NB I-270	AG199394.618407.198669.620104.	4550	2.9	0.44.	30	
3	SB I-270	AG198600.620073.198930.619350.	2225	4.1	0.44.	58	
4	SB I-270	AG198930.619350.199349.618388.	2225	4.1	0.44.	58	
1.0	.54	1000 0.0Y	5	0	72		

JOB: NB15P MON BATTLEFIELD RUN: NB15PM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:27:07.82

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	*	199394.0	618407.0	198669.0	620104.0	*	1845.	337. AG	4550.	2.9	.0	44.0	
2. 3 SB I-270	*	198600.0	620073.0	198930.0	619350.0	*	795.	155. AG	2225.	4.1	.0	44.0	
3. 4 SB I-270	*	198930.0	619350.0	199349.0	618388.0	*	1049.	156. AG	2225.	4.1	.0	44.0	

JOB: NB15P MON BATTLEFIELD RUN: NB15PM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:27:07.82

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 29-1	*	198367.0	619434.0	5.0	*
2. REC 29-2	*	198660.0	619068.0	5.0	*
3. REC 29-3	*	198748.0	618768.0	5.0	*
4. REC 29-4	*	199518.0	619448.0	5.0	*
5. REC 29-5	*	198649.0	619663.0	5.0	*
6. REC 30-1	*	198284.0	619739.0	5.0	*
7. REC 30-2	*	198946.0	619774.0	5.0	*

JOB: NB15P MON BATTLEFIELD RUN: NB15PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.0	.1	.0	.2	.0	.0
6.	* .0	.2	.1	.0	.2	.0	.0
11.	* .0	.2	.1	.0	.2	.0	.0
16.	* .0	.2	.1	.0	.2	.0	.0
21.	* .0	.2	.1	.0	.2	.0	.0
26.	* .0	.2	.1	.0	.2	.0	.0
31.	* .0	.1	.1	.0	.2	.0	.0
36.	* .1	.1	.1	.0	.2	.0	.0
41.	* .1	.1	.1	.0	.2	.0	.0
46.	* .1	.1	.1	.0	.2	.0	.0
51.	* .1	.1	.1	.0	.2	.0	.0
56.	* .1	.1	.1	.0	.2	.0	.0
61.	* .1	.1	.1	.0	.2	.1	.0
66.	* .1	.2	.1	.0	.2	.1	.0
71.	* .1	.2	.1	.0	.2	.1	.0
76.	* .1	.2	.1	.0	.2	.1	.0
81.	* .1	.2	.1	.0	.2	.1	.0
86.	* .1	.2	.1	.0	.2	.1	.0
91.	* .1	.2	.2	.0	.2	.1	.0
96.	* .1	.2	.2	.0	.2	.1	.0
101.	* .1	.2	.2	.0	.2	.1	.0
106.	* .1	.2	.1	.0	.2	.1	.0
111.	* .1	.2	.1	.0	.2	.1	.0
116.	* .1	.2	.0	.0	.2	.1	.0
121.	* .1	.2	.0	.0	.2	.1	.0
126.	* .1	.2	.0	.0	.2	.1	.0
131.	* .0	.0	.0	.0	.2	.1	.0
136.	* .0	.0	.0	.0	.3	.1	.0
141.	* .0	.0	.0	.0	.3	.0	.0
146.	* .0	.0	.0	.0	.2	.0	.0
151.	* .0	.0	.0	.0	.2	.0	.0
156.	* .0	.0	.0	.0	.2	.0	.1
161.	* .0	.0	.0	.0	.0	.0	.2
166.	* .0	.0	.0	.0	.0	.0	.3
171.	* .0	.0	.0	.0	.0	.0	.3
176.	* .0	.0	.0	.0	.0	.0	.3
181.	* .0	.0	.0	.0	.0	.0	.3
186.	* .0	.0	.0	.0	.0	.0	.3
191.	* .0	.0	.0	.0	.0	.0	.3
196.	* .0	.0	.0	.1	.0	.0	.3
201.	* .0	.0	.0	.1	.0	.0	.3
206.	* .0	.0	.0	.1	.0	.0	.3

JOB: NB15P MON BATTLEFIELD RUN: NB15PM BATTLEFIELD
 Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.1	.0	.0	.3
216.	.0	.0	.0	.1	.0	.0	.3
221.	.0	.0	.0	.1	.0	.0	.3
226.	.0	.0	.0	.1	.0	.0	.3
231.	.0	.0	.0	.1	.0	.0	.3
236.	.0	.0	.0	.1	.0	.0	.3
241.	.0	.0	.0	.1	.0	.0	.3
246.	.0	.0	.0	.1	.0	.0	.3
251.	.0	.0	.0	.1	.0	.0	.3
256.	.0	.0	.0	.1	.0	.0	.3
261.	.0	.0	.0	.1	.0	.0	.3
266.	.0	.0	.0	.1	.0	.0	.3
271.	.0	.0	.0	.1	.0	.0	.3
276.	.0	.0	.0	.1	.0	.0	.3
281.	.0	.0	.0	.1	.0	.0	.3
286.	.0	.0	.0	.1	.0	.0	.3
291.	.0	.0	.0	.1	.0	.0	.3
296.	.0	.0	.0	.1	.0	.0	.3
301.	.0	.0	.0	.1	.0	.0	.3
306.	.0	.0	.0	.0	.0	.0	.3
311.	.0	.0	.0	.0	.0	.0	.3
316.	.0	.0	.0	.0	.0	.0	.1
321.	.0	.0	.0	.0	.0	.0	.1
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.0	.0
336.	.0	.0	.0	.0	.0	.0	.0
341.	.0	.0	.0	.0	.0	.0	.0
346.	.0	.0	.0	.0	.0	.0	.0
351.	.0	.0	.0	.0	.1	.0	.0
356.	.0	.0	.0	.0	.1	.0	.0
361.	.0	.0	.1	.0	.2	.0	.0
MAX	.1	.2	.2	.1	.3	.1	.3
DEGR.	35	5	90	195	135	60	165

THE HIGHEST CONCENTRATION IS .30 PPM AT 135 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 165 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 5 DEGREES FROM REC2 .

1

JOB: NB15P MON BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:27:07.82

RUN: NB15PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.1	.2
2	.0	.1	.0	.0	.1	.0	.0
3	.0	.0	.1	.0	.1	.0	.1

			S29B115A		
S29	B115AM	BATTLEFIELD	60.0175.0.0000.000	70.30480000	11 1
REC 1		198367.	619434.	5.	
REC 2		198660.	619068.	5.	
REC 3		198748.	618768.	5.	
REC 4		198284.	619739.	5.	
REC 5		199518.	619448.	5.	
REC 6		198649.	619663.	5.	
REC 7		198946.	619774.	5.	
S29	B115AM	BATTLEFIELD	2	1	1
1					
	NB 270	AG198615.620159.199421.618332.	2200	4.2	0 68 60.
1					
	SB 270	AG199335.618303.198539.620121.	5175	4.3	0 68 61.
1.0	.54	1000 0.0Y 5 0 72			

JOB: S29 B115AM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:23:11.70 RUN: S29 B115AM BATTLEFIELD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	198615.0	620159.0	199421.0	618332.0	*	1997.	156. AG	2200.	4.2	.0	68.0	
2. SB 270	*	199335.0	618303.0	198539.0	620121.0	*	1985.	336. AG	5175.	4.3	.0	68.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	198367.0	619434.0	5.0	*
2. REC 2	*	198660.0	619068.0	5.0	*
3. REC 3	*	198748.0	618768.0	5.0	*
4. REC 4	*	198284.0	619739.0	5.0	*
5. REC 5	*	199518.0	619448.0	5.0	*
6. REC 6	*	198649.0	619663.0	5.0	*
7. REC 7	*	198946.0	619774.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.2	.0	.0	.6	.0
6.	* .0	.3	.3	.0	.0	.6	.0
11.	* .1	.3	.3	.0	.0	.6	.0
16.	* .1	.3	.3	.0	.0	.6	.0
21.	* .1	.3	.3	.0	.0	.6	.0
26.	* .1	.3	.3	.0	.0	.5	.0
31.	* .1	.3	.3	.1	.0	.5	.0
36.	* .1	.3	.2	.1	.0	.5	.0
41.	* .1	.3	.2	.1	.0	.5	.0
46.	* .1	.3	.2	.1	.0	.5	.0
51.	* .1	.3	.2	.1	.0	.5	.0
56.	* .1	.3	.2	.1	.0	.5	.0
61.	* .1	.3	.2	.1	.0	.5	.0
66.	* .1	.3	.2	.1	.0	.5	.0
71.	* .1	.3	.2	.1	.0	.5	.0
76.	* .1	.3	.2	.1	.0	.5	.0
81.	* .1	.3	.2	.1	.0	.5	.0
86.	* .1	.3	.2	.1	.0	.5	.0
91.	* .1	.3	.2	.1	.0	.5	.0
96.	* .1	.3	.2	.2	.0	.5	.0
101.	* .1	.3	.2	.2	.0	.5	.0
106.	* .1	.3	.2	.2	.0	.5	.0
111.	* .1	.3	.2	.2	.0	.5	.0
116.	* .2	.3	.1	.3	.0	.6	.0
121.	* .1	.3	.1	.3	.0	.6	.0
126.	* .1	.3	.1	.3	.0	.6	.0
131.	* .1	.2	.1	.3	.0	.6	.0
136.	* .1	.1	.0	.1	.0	.6	.0
141.	* .1	.1	.0	.1	.0	.6	.0
146.	* .0	.1	.0	.1	.0	.6	.0
151.	* .0	.0	.0	.1	.0	.5	.0
156.	* .0	.0	.0	.0	.0	.4	.2
161.	* .0	.0	.0	.0	.0	.2	.2
166.	* .0	.0	.0	.0	.0	.1	.3
171.	* .0	.0	.0	.0	.0	.1	.3
176.	* .0	.0	.0	.0	.0	.0	.3
181.	* .0	.0	.0	.0	.0	.0	.3
186.	* .0	.0	.0	.0	.0	.0	.3
191.	* .0	.0	.0	.0	.1	.0	.3
196.	* .0	.0	.0	.0	.1	.0	.3
201.	* .0	.0	.0	.0	.1	.0	.3
206.	* .0	.0	.0	.0	.1	.0	.3

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.1	.0	.3
216.	.0	.0	.0	.0	.1	.0	.3
221.	.0	.0	.0	.0	.1	.0	.3
226.	.0	.0	.0	.0	.1	.0	.3
231.	.0	.0	.0	.0	.1	.0	.3
236.	.0	.0	.0	.0	.1	.0	.3
241.	.0	.0	.0	.0	.1	.0	.3
246.	.0	.0	.0	.0	.1	.0	.3
251.	.0	.0	.0	.0	.1	.0	.3
256.	.0	.0	.0	.0	.1	.0	.3
261.	.0	.0	.0	.0	.1	.0	.3
266.	.0	.0	.0	.0	.1	.0	.3
271.	.0	.0	.0	.0	.1	.0	.3
276.	.0	.0	.0	.0	.1	.0	.3
281.	.0	.0	.0	.0	.1	.0	.3
286.	.0	.0	.0	.0	.1	.0	.3
291.	.0	.0	.0	.0	.1	.0	.3
296.	.0	.0	.0	.0	.1	.0	.3
301.	.0	.0	.0	.0	.1	.0	.3
306.	.0	.0	.0	.0	.1	.0	.3
311.	.0	.0	.0	.0	.0	.0	.2
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.0
331.	.0	.0	.0	.0	.0	.1	.0
336.	.0	.0	.0	.0	.0	.1	.0
341.	.0	.0	.0	.0	.0	.2	.0
346.	.0	.1	.1	.0	.0	.3	.0
351.	.0	.1	.1	.0	.0	.4	.0
356.	.0	.1	.1	.0	.0	.5	.0
361.	.0	.2	.2	.0	.0	.6	.0
MAX	.2	.3	.3	.3	.1	.6	.3
DEGR.	115	5	5	115	190	0	165

THE HIGHEST CONCENTRATION IS .60 PPM AT 0 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC3 .

1

JOB: S29 B115AM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:23:11.70

RUN: S29 B115AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.0	.1	.1
2	.1	.2	.2	.2	.1	.5	.2

			S29B115P			
S29	B115PM	BATTLEFIELD	60.0175.0.0000.000	70.30480000	11	1
REC 1		198367.	619434.	5.		
REC 2		198660.	619068.	5.		
REC 3		198748.	618768.	5.		
REC 4		198284.	619739.	5.		
REC 5		199518.	619448.	5.		
REC 6		198649.	619663.	5.		
REC 7		198946.	619774.	5.		
S29	B115PM	BATTLEFIELD	2	1	1	
1						
	NB 270	AG198615.620159.199421.618332.	5275	4.2	0	68 60.
1						
	SB 270	AG199335.618303.198539.620121.	2500	4.3	0	68 61.
1.0	.54	1000 0.0Y 5 0 72				

JOB: S29 B115PM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:24:11.29 RUN: S29 B115PM BATTLEFIELD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT)	* Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	198615.0	620159.0	199421.0	618332.0	*	1997.	156. AG	5275.	4.2	.0 68.0	
2. SB 270	*	199335.0	618303.0	198539.0	620121.0	*	1985.	336. AG	2500.	4.3	.0 68.0	

DATE: 01/20/2007 TIME: 00:24:11.29

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT)	* Y	Z	* Z
1. REC 1	*	198367.0	619434.0	5.0	*
2. REC 2	*	198660.0	619068.0	5.0	*
3. REC 3	*	198748.0	618768.0	5.0	*
4. REC 4	*	198284.0	619739.0	5.0	*
5. REC 5	*	199518.0	619448.0	5.0	*
6. REC 6	*	198649.0	619663.0	5.0	*
7. REC 7	*	198946.0	619774.0	5.0	*

JOB: S29 B115PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	*	.0	.2	.2	.0	.0	.4
6.	*	.0	.2	.2	.0	.0	.4
11.	*	.0	.2	.2	.0	.0	.5
16.	*	.0	.2	.2	.0	.0	.5
21.	*	.1	.2	.2	.0	.0	.5
26.	*	.2	.2	.2	.0	.0	.5
31.	*	.2	.2	.2	.0	.0	.5
36.	*	.2	.2	.2	.1	.0	.4
41.	*	.2	.2	.2	.1	.0	.4
46.	*	.2	.2	.2	.2	.0	.4
51.	*	.2	.2	.2	.2	.0	.4
56.	*	.2	.2	.2	.2	.0	.4
61.	*	.2	.2	.2	.2	.0	.4
66.	*	.2	.2	.2	.2	.0	.4
71.	*	.2	.2	.2	.2	.0	.4
76.	*	.2	.2	.2	.2	.0	.4
81.	*	.2	.2	.2	.2	.0	.4
86.	*	.2	.2	.2	.2	.0	.4
91.	*	.2	.2	.2	.2	.0	.4
96.	*	.2	.2	.2	.2	.0	.4
101.	*	.2	.2	.2	.2	.0	.5
106.	*	.2	.2	.2	.2	.0	.5
111.	*	.2	.2	.2	.2	.0	.5
116.	*	.2	.2	.2	.2	.0	.5
121.	*	.2	.2	.2	.2	.0	.5
126.	*	.2	.2	.2	.2	.0	.5
131.	*	.2	.2	.0	.2	.0	.5
136.	*	.2	.2	.0	.2	.0	.6
141.	*	.0	.0	.0	.2	.0	.6
146.	*	.0	.0	.0	.1	.0	.5
151.	*	.0	.0	.0	.0	.0	.4
156.	*	.0	.0	.0	.0	.3	.1
161.	*	.0	.0	.0	.0	.2	.2
166.	*	.0	.0	.0	.0	.1	.4
171.	*	.0	.0	.0	.0	.0	.4
176.	*	.0	.0	.0	.0	.0	.4
181.	*	.0	.0	.0	.0	.0	.4
186.	*	.0	.0	.0	.0	.1	.4
191.	*	.0	.0	.0	.0	.1	.4
196.	*	.0	.0	.0	.0	.1	.4
201.	*	.0	.0	.0	.0	.1	.4
206.	*	.0	.0	.0	.0	.1	.4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.1	.0	.4
216.	.0	.0	.0	.0	.1	.0	.4
221.	.0	.0	.0	.0	.1	.0	.4
226.	.0	.0	.0	.0	.1	.0	.4
231.	.0	.0	.0	.0	.1	.0	.4
236.	.0	.0	.0	.0	.1	.0	.4
241.	.0	.0	.0	.0	.1	.0	.4
246.	.0	.0	.0	.0	.1	.0	.4
251.	.0	.0	.0	.0	.1	.0	.4
256.	.0	.0	.0	.0	.1	.0	.4
261.	.0	.0	.0	.0	.1	.0	.4
266.	.0	.0	.0	.0	.1	.0	.4
271.	.0	.0	.0	.0	.1	.0	.4
276.	.0	.0	.0	.0	.1	.0	.4
281.	.0	.0	.0	.0	.1	.0	.4
286.	.0	.0	.0	.0	.1	.0	.4
291.	.0	.0	.0	.0	.1	.0	.4
296.	.0	.0	.0	.0	.1	.0	.4
301.	.0	.0	.0	.0	.1	.0	.4
306.	.0	.0	.0	.0	.1	.0	.4
311.	.0	.0	.0	.0	.1	.0	.4
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.0	.1
336.	.0	.0	.0	.0	.0	.1	.0
341.	.0	.0	.0	.0	.0	.1	.0
346.	.0	.0	.0	.0	.0	.2	.0
351.	.0	.0	.1	.0	.0	.3	.0
356.	.0	.2	.2	.0	.0	.4	.0
361.	.0	.2	.2	.0	.0	.4	.0
MAX	.2	.2	.2	.2	.1	.6	.4
DEGR.	25	0	0	45	185	135	165

THE HIGHEST CONCENTRATION IS .60 PPM AT 135 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 25 DEGREES FROM REC1 .

1

JOB: S29 B115PM BATTLEFIELD
 DATE: 01/20/2007 TIME: 00:24:11.29

RUN: S29 B115PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.3	.3
2	.1	.1	.1	.1	.0	.3	.1

			S29B215A			
S29	B215AM	BATTLEFIELD	60.0175.0.0000.000	70.30480000	11	1
REC 1		198367.	619434.	5.		
REC 2		198660.	619068.	5.		
REC 3		198748.	618768.	5.		
REC 4		198284.	619739.	5.		
REC 5		199518.	619448.	5.		
REC 6		198649.	619663.	5.		
REC 7		198946.	619774.	5.		
S29	B215AM	BATTLEFIELD	2	1	1	
1						
	NB 270	AG198615.620159.199421.618332.	2375	4.3	0 68	61.
1						
	SB 270	AG199335.618303.198539.620121.	5575	4.3	0 68	61.
1.0	.54	1000 0.0Y 5 0 72				

JOB: S29 B215AM BATTLEFIELD
 DATE: 03/15/2007 TIME: 13:45:40.54 RUN: S29 B215AM BATTLEFIELD

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	198615.0	620159.0	199421.0	618332.0	*	1997.	156. AG	2375.	4.3	.0	68.0	
2. SB 270	*	199335.0	618303.0	198539.0	620121.0	*	1985.	336. AG	5575.	4.3	.0	68.0	

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1	*	198367.0	619434.0	5.0	*
2. REC 2	*	198660.0	619068.0	5.0	*
3. REC 3	*	198748.0	618768.0	5.0	*
4. REC 4	*	198284.0	619739.0	5.0	*
5. REC 5	*	199518.0	619448.0	5.0	*
6. REC 6	*	198649.0	619663.0	5.0	*
7. REC 7	*	198946.0	619774.0	5.0	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.3	.0	.0	.6	.0
6.	* .0	.3	.3	.0	.0	.6	.0
11.	* .1	.3	.3	.0	.0	.6	.0
16.	* .1	.3	.3	.0	.0	.6	.0
21.	* .1	.3	.3	.0	.0	.6	.0
26.	* .1	.3	.3	.0	.0	.6	.0
31.	* .1	.3	.3	.1	.0	.6	.0
36.	* .1	.3	.3	.1	.0	.6	.0
41.	* .1	.3	.3	.1	.0	.5	.0
46.	* .2	.3	.3	.1	.0	.5	.0
51.	* .2	.3	.3	.1	.0	.5	.0
56.	* .1	.3	.3	.2	.0	.5	.0
61.	* .2	.3	.3	.2	.0	.5	.0
66.	* .2	.3	.3	.2	.0	.5	.0
71.	* .2	.3	.3	.2	.0	.5	.0
76.	* .2	.3	.3	.2	.0	.5	.0
81.	* .2	.3	.3	.2	.0	.5	.0
86.	* .2	.3	.3	.2	.0	.5	.0
91.	* .2	.3	.3	.2	.0	.5	.0
96.	* .2	.3	.3	.2	.0	.6	.0
101.	* .2	.3	.3	.3	.0	.6	.0
106.	* .2	.3	.3	.3	.0	.6	.0
111.	* .2	.3	.3	.3	.0	.6	.0
116.	* .2	.3	.2	.3	.0	.6	.0
121.	* .3	.3	.1	.3	.0	.6	.0
126.	* .2	.3	.1	.3	.0	.6	.0
131.	* .1	.2	.1	.3	.0	.6	.0
136.	* .1	.1	.1	.3	.0	.7	.0
141.	* .1	.1	.0	.1	.0	.7	.0
146.	* .1	.1	.0	.1	.0	.6	.0
151.	* .0	.0	.0	.1	.0	.6	.0
156.	* .0	.0	.0	.0	.0	.5	.2
161.	* .0	.0	.0	.0	.0	.2	.2
166.	* .0	.0	.0	.0	.0	.1	.3
171.	* .0	.0	.0	.0	.0	.1	.3
176.	* .0	.0	.0	.0	.0	.0	.4
181.	* .0	.0	.0	.0	.0	.0	.5
186.	* .0	.0	.0	.0	.0	.0	.3
191.	* .0	.0	.0	.0	.1	.0	.3
196.	* .0	.0	.0	.0	.1	.0	.3
201.	* .0	.0	.0	.0	.2	.0	.3
206.	* .0	.0	.0	.0	.2	.0	.3

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.2	.0	.3
216.	.0	.0	.0	.0	.2	.0	.3
221.	.0	.0	.0	.0	.2	.0	.3
226.	.0	.0	.0	.0	.1	.0	.3
231.	.0	.0	.0	.0	.1	.0	.3
236.	.0	.0	.0	.0	.1	.0	.3
241.	.0	.0	.0	.0	.1	.0	.3
246.	.0	.0	.0	.0	.1	.0	.3
251.	.0	.0	.0	.0	.1	.0	.3
256.	.0	.0	.0	.0	.1	.0	.3
261.	.0	.0	.0	.0	.1	.0	.3
266.	.0	.0	.0	.0	.1	.0	.3
271.	.0	.0	.0	.0	.1	.0	.3
276.	.0	.0	.0	.0	.2	.0	.3
281.	.0	.0	.0	.0	.2	.0	.3
286.	.0	.0	.0	.0	.2	.0	.3
291.	.0	.0	.0	.0	.2	.0	.3
296.	.0	.0	.0	.0	.1	.0	.3
301.	.0	.0	.0	.0	.1	.0	.3
306.	.0	.0	.0	.0	.1	.0	.3
311.	.0	.0	.0	.0	.0	.0	.2
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.1	.0
336.	.0	.0	.0	.0	.0	.2	.0
341.	.0	.0	.0	.0	.0	.2	.0
346.	.0	.1	.1	.0	.0	.3	.0
351.	.0	.1	.1	.0	.0	.5	.0
356.	.0	.1	.1	.0	.0	.6	.0
361.	.0	.2	.3	.0	.0	.6	.0
MAX	.3	.3	.3	.3	.2	.7	.5
DEGR.	120	5	0	100	200	135	180

THE HIGHEST CONCENTRATION IS .70 PPM AT 135 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 120 DEGREES FROM REC1 .

1

JOB: S29 B215AM BATTLEFIELD
 DATE: 03/15/2007 TIME: 13:45:40.54

RUN: S29 B215AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.1	.2
2	.2	.2	.2	.2	.1	.6	.3

				S29B215P			
S29	B215PM	BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1
REC 1		198367.	619434.	5.			
REC 2		198660.	619068.	5.			
REC 3		198748.	618768.	5.			
REC 4		198284.	619739.	5.			
REC 5		199518.	619448.	5.			
REC 6		198649.	619663.	5.			
REC 7		198946.	619774.	5.			
S29	B215PM	BATTLEFIELD		2	1	1	
1							
	NB 270	AG198615.620159.199421.618332.		5250	4.3	0	68 61.
1							
	SB 270	AG199335.618303.198539.620121.		2575	4.3	0	68 61.
1.0	.54	1000 0.0Y 5 0 72					

JOB: S29 B215PM BATTLEFIELD RUN: S29 B215PM BATTLEFIELD
DATE: 03/15/2007 TIME: 13:48:50.09

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (FT)	* Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	*	198615.0	620159.0	199421.0	618332.0	*	1997.	156. AG	5250.	4.3	.0	68.0
2. SB 270	*	199335.0	618303.0	198539.0	620121.0	*	1985.	336. AG	2575.	4.3	.0	68.0

DATE: 03/15/2007 TIME: 13:48:50.09

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT)	* Y	Z	* Z
1. REC 1	*	198367.0	619434.0	5.0	*
2. REC 2	*	198660.0	619068.0	5.0	*
3. REC 3	*	198748.0	618768.0	5.0	*
4. REC 4	*	198284.0	619739.0	5.0	*
5. REC 5	*	199518.0	619448.0	5.0	*
6. REC 6	*	198649.0	619663.0	5.0	*
7. REC 7	*	198946.0	619774.0	5.0	*

JOB: S29 B215PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	*	.0	.2	.2	.0	.0	.4
6.	*	.0	.2	.2	.0	.0	.4
11.	*	.0	.2	.2	.0	.0	.5
16.	*	.0	.2	.2	.0	.0	.5
21.	*	.1	.2	.2	.0	.0	.5
26.	*	.2	.2	.2	.0	.0	.5
31.	*	.2	.2	.2	.0	.0	.5
36.	*	.2	.2	.2	.1	.0	.5
41.	*	.2	.2	.2	.2	.0	.5
46.	*	.2	.2	.2	.2	.0	.4
51.	*	.2	.2	.2	.2	.0	.4
56.	*	.2	.2	.2	.2	.0	.5
61.	*	.2	.2	.2	.2	.0	.5
66.	*	.2	.2	.2	.2	.0	.4
71.	*	.2	.2	.2	.2	.0	.5
76.	*	.2	.2	.2	.2	.0	.5
81.	*	.2	.2	.2	.2	.0	.4
86.	*	.2	.2	.2	.2	.0	.4
91.	*	.2	.2	.2	.2	.0	.4
96.	*	.2	.2	.2	.2	.0	.5
101.	*	.2	.2	.2	.2	.0	.5
106.	*	.2	.2	.2	.2	.0	.5
111.	*	.2	.2	.2	.2	.0	.5
116.	*	.2	.2	.2	.2	.0	.5
121.	*	.2	.2	.2	.2	.0	.5
126.	*	.2	.2	.2	.2	.0	.5
131.	*	.2	.2	.0	.2	.0	.6
136.	*	.2	.2	.0	.2	.0	.6
141.	*	.1	.0	.0	.2	.0	.6
146.	*	.0	.0	.0	.1	.0	.6
151.	*	.0	.0	.0	.0	.0	.4
156.	*	.0	.0	.0	.0	.0	.3
161.	*	.0	.0	.0	.0	.0	.2
166.	*	.0	.0	.0	.0	.0	.1
171.	*	.0	.0	.0	.0	.0	.0
176.	*	.0	.0	.0	.0	.0	.0
181.	*	.0	.0	.0	.0	.0	.0
186.	*	.0	.0	.0	.0	.1	.0
191.	*	.0	.0	.0	.0	.1	.0
196.	*	.0	.0	.0	.0	.1	.0
201.	*	.0	.0	.0	.0	.1	.0
206.	*	.0	.0	.0	.0	.1	.0

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.1	.0	.4
216.	.0	.0	.0	.0	.1	.0	.4
221.	.0	.0	.0	.0	.1	.0	.4
226.	.0	.0	.0	.0	.1	.0	.4
231.	.0	.0	.0	.0	.1	.0	.4
236.	.0	.0	.0	.0	.1	.0	.4
241.	.0	.0	.0	.0	.1	.0	.4
246.	.0	.0	.0	.0	.1	.0	.4
251.	.0	.0	.0	.0	.1	.0	.4
256.	.0	.0	.0	.0	.1	.0	.4
261.	.0	.0	.0	.0	.1	.0	.4
266.	.0	.0	.0	.0	.1	.0	.4
271.	.0	.0	.0	.0	.1	.0	.4
276.	.0	.0	.0	.0	.1	.0	.4
281.	.0	.0	.0	.0	.1	.0	.4
286.	.0	.0	.0	.0	.1	.0	.4
291.	.0	.0	.0	.0	.1	.0	.4
296.	.0	.0	.0	.0	.1	.0	.4
301.	.0	.0	.0	.0	.1	.0	.4
306.	.0	.0	.0	.0	.1	.0	.4
311.	.0	.0	.0	.0	.1	.0	.4
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.0	.1
336.	.0	.0	.0	.0	.0	.1	.0
341.	.0	.0	.0	.0	.0	.1	.0
346.	.0	.0	.0	.0	.0	.3	.0
351.	.0	.0	.1	.0	.0	.3	.0
356.	.0	.2	.2	.0	.0	.4	.0
361.	.0	.2	.2	.0	.0	.4	.0
MAX	.2	.2	.2	.2	.1	.6	.4
DEGR.	25	0	0	40	185	130	165

THE HIGHEST CONCENTRATION IS .60 PPM AT 130 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 165 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 25 DEGREES FROM REC1 .

1

JOB: S29 B215PM BATTLEFIELD
 DATE: 03/15/2007 TIME: 13:48:50.09

RUN: S29 B215PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.3	.3
2	.1	.1	.1	.1	.0	.3	.1

				S29NB30A.DAT		
NB30A MON BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1	
REC 29-1	198367.	619434.	5.			
REC 29-2	198660.	619068.	5.			
REC 29-3	198748.	618768.	5.			
REC 29-4	199518.	619448.	5.			
REC 29-5	198649.	619663.	5.			
REC 30-1	198284.	619739.	5.			
REC 30-2	198946.	619774.	5.			
NB30AM BATTLEFIELD		3	1	1		
1						
1	NB I-270	AG199394.618407.198669.620104.	3275 3.6 0. 44.	56		
3	SB I-270	AG198600.620073.198930.619350.	7125 2.6 0. 44.	30		
4	SB I-270	AG198930.619350.199349.618388.	7125 2.6 0. 44.	30		
1.0 .54	1000 0.0Y	5 0 72				

JOB: NB30A MON BATTLEFIELD RUN: NB30AM BATTLEFIELD
DATE: 12/20/2006 TIME: 11:58:47.99

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	* 199394.0	618407.0	198669.0	620104.0	* 1845.	337. AG	3275.	3.6	.0	44.0	
2. 3 SB I-270	* 198600.0	620073.0	198930.0	619350.0	* 795.	155. AG	7125.	2.6	.0	44.0	
3. 4 SB I-270	* 198930.0	619350.0	199349.0	618388.0	* 1049.	156. AG	7125.	2.6	.0	44.0	

JOB: NB30A MON BATTLEFIELD RUN: NB30AM BATTLEFIELD
DATE: 12/20/2006 TIME: 11:58:47.99

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 29-1	* 198367.0	619434.0	5.0	*
2. REC 29-2	* 198660.0	619068.0	5.0	*
3. REC 29-3	* 198748.0	618768.0	5.0	*
4. REC 29-4	* 199518.0	619448.0	5.0	*
5. REC 29-5	* 198649.0	619663.0	5.0	*
6. REC 30-1	* 198284.0	619739.0	5.0	*
7. REC 30-2	* 198946.0	619774.0	5.0	*

JOB: NB30A MON BATTLEFIELD RUN: NB30AM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.1	.1	.0	.3	.0	.0
6.	* .0	.2	.2	.0	.3	.0	.0
11.	* .0	.2	.2	.0	.3	.0	.0
16.	* .0	.2	.2	.0	.3	.0	.0
21.	* .1	.2	.2	.0	.3	.0	.0
26.	* .1	.2	.2	.0	.3	.0	.0
31.	* .1	.2	.2	.0	.3	.0	.0
36.	* .1	.2	.2	.0	.3	.0	.0
41.	* .1	.2	.2	.0	.3	.0	.0
46.	* .2	.2	.2	.0	.3	.1	.0
51.	* .2	.2	.2	.0	.3	.1	.0
56.	* .2	.2	.2	.0	.3	.1	.0
61.	* .2	.2	.2	.0	.3	.1	.0
66.	* .2	.2	.2	.0	.3	.2	.0
71.	* .2	.2	.2	.0	.3	.2	.0
76.	* .2	.2	.2	.0	.3	.2	.0
81.	* .2	.2	.2	.0	.3	.2	.0
86.	* .2	.2	.2	.0	.3	.2	.0
91.	* .2	.2	.2	.0	.3	.2	.0
96.	* .2	.2	.2	.0	.3	.2	.0
101.	* .2	.2	.2	.0	.3	.2	.0
106.	* .2	.2	.2	.0	.3	.2	.0
111.	* .2	.2	.2	.0	.3	.2	.0
116.	* .2	.2	.1	.0	.3	.2	.0
121.	* .2	.2	.1	.0	.3	.3	.0
126.	* .2	.2	.0	.0	.3	.2	.0
131.	* .1	.1	.0	.0	.4	.2	.0
136.	* .1	.1	.0	.0	.4	.1	.0
141.	* .0	.0	.0	.0	.3	.1	.0
146.	* .0	.0	.0	.0	.4	.0	.0
151.	* .0	.0	.0	.0	.3	.0	.0
156.	* .0	.0	.0	.0	.2	.0	.2
161.	* .0	.0	.0	.0	.1	.0	.2
166.	* .0	.0	.0	.0	.0	.0	.3
171.	* .0	.0	.0	.0	.0	.0	.4
176.	* .0	.0	.0	.0	.0	.0	.4
181.	* .0	.0	.0	.0	.0	.0	.4
186.	* .0	.0	.0	.0	.0	.0	.4
191.	* .0	.0	.0	.1	.0	.0	.4
196.	* .0	.0	.0	.1	.0	.0	.4
201.	* .0	.0	.0	.2	.0	.0	.4
206.	* .0	.0	.0	.2	.0	.0	.4

JOB: NB30A MON BATTLEFIELD RUN: NB30AM BATTLEFIELD
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.2	.0	.0	.4
216.	.0	.0	.0	.2	.0	.0	.3
221.	.0	.0	.0	.2	.0	.0	.3
226.	.0	.0	.0	.2	.0	.0	.3
231.	.0	.0	.0	.2	.0	.0	.3
236.	.0	.0	.0	.2	.0	.0	.3
241.	.0	.0	.0	.2	.0	.0	.3
246.	.0	.0	.0	.2	.0	.0	.3
251.	.0	.0	.0	.2	.0	.0	.3
256.	.0	.0	.0	.2	.0	.0	.3
261.	.0	.0	.0	.1	.0	.0	.3
266.	.0	.0	.0	.2	.0	.0	.3
271.	.0	.0	.0	.2	.0	.0	.3
276.	.0	.0	.0	.2	.0	.0	.3
281.	.0	.0	.0	.2	.0	.0	.3
286.	.0	.0	.0	.2	.0	.0	.4
291.	.0	.0	.0	.2	.0	.0	.4
296.	.0	.0	.0	.2	.0	.0	.4
301.	.0	.0	.0	.1	.0	.0	.4
306.	.0	.0	.0	.0	.0	.0	.3
311.	.0	.0	.0	.0	.0	.0	.2
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.1
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.0	.0
336.	.0	.0	.0	.0	.0	.0	.0
341.	.0	.0	.0	.0	.1	.0	.0
346.	.0	.0	.0	.0	.1	.0	.0
351.	.0	.0	.1	.0	.1	.0	.0
356.	.0	.1	.1	.0	.2	.0	.0
361.	.0	.1	.1	.0	.3	.0	.0
MAX	.2	.2	.2	.2	.4	.3	.4
DEGR.	45	5	5	200	130	120	170

THE HIGHEST CONCENTRATION IS .40 PPM AT 130 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 170 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 120 DEGREES FROM REC6 .

1

JOB: NB30A MON BATTLEFIELD
 DATE: 12/20/2006 TIME: 11:58:47.99

RUN: NB30AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.1	.2
2	.1	.1	.1	.0	.2	.1	.0
3	.0	.0	.0	.1	.1	.1	.2

				S29NB30P.DAT			
NB30P MON BATTLEFIELD				60.0175.0.0000.000	70.30480000	11	1
REC 29-1	198367.	619434.	5.				
REC 29-2	198660.	619068.	5.				
REC 29-3	198748.	618768.	5.				
REC 29-4	199518.	619448.	5.				
REC 29-5	198649.	619663.	5.				
REC 30-1	198284.	619739.	5.				
REC 30-2	198946.	619774.	5.				
NB30PM BATTLEFIELD				3	1	1	
1							
1	NB I-270	AG199394.618407.198669.620104.	7300	2.6	0.	44.	32
3	SB I-270	AG198600.620073.198930.619350.	3250	3.6	0.	44.	56
4	SB I-270	AG198930.619350.199349.618388.	3250	3.6	0.	44.	56
1.0	.54	1000 0.0Y	5	0	72		

JOB: NB30P MON BATTLEFIELD RUN: NB30PM BATTLEFIELD
DATE: 12/20/2006 TIME: 11:59:03.70

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1 NB I-270	*	199394.0	618407.0	198669.0	620104.0	*	1845.	337. AG	7300.	2.6	.0	44.0	
2. 3 SB I-270	*	198600.0	620073.0	198930.0	619350.0	*	795.	155. AG	3250.	3.6	.0	44.0	
3. 4 SB I-270	*	198930.0	619350.0	199349.0	618388.0	*	1049.	156. AG	3250.	3.6	.0	44.0	

JOB: NB30P MON BATTLEFIELD RUN: NB30PM BATTLEFIELD
DATE: 12/20/2006 TIME: 11:59:03.70

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 29-1	*	198367.0	619434.0	5.0	*
2. REC 29-2	*	198660.0	619068.0	5.0	*
3. REC 29-3	*	198748.0	618768.0	5.0	*
4. REC 29-4	*	199518.0	619448.0	5.0	*
5. REC 29-5	*	198649.0	619663.0	5.0	*
6. REC 30-1	*	198284.0	619739.0	5.0	*
7. REC 30-2	*	198946.0	619774.0	5.0	*

JOB: NB30P MON BATTLEFIELD RUN: NB30PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.2	.0	.2	.0	.0
6.	* .0	.2	.2	.0	.2	.0	.0
11.	* .0	.2	.1	.0	.4	.0	.0
16.	* .0	.2	.1	.0	.4	.0	.0
21.	* .0	.2	.1	.0	.4	.0	.0
26.	* .0	.2	.2	.0	.3	.0	.0
31.	* .1	.2	.2	.0	.3	.0	.0
36.	* .2	.2	.2	.0	.3	.0	.0
41.	* .2	.1	.2	.0	.3	.0	.0
46.	* .2	.1	.2	.0	.3	.0	.0
51.	* .2	.1	.2	.0	.3	.1	.0
56.	* .2	.2	.2	.0	.3	.2	.0
61.	* .2	.2	.2	.0	.3	.2	.0
66.	* .2	.2	.2	.0	.3	.2	.0
71.	* .2	.2	.2	.0	.3	.2	.0
76.	* .2	.2	.2	.0	.3	.2	.0
81.	* .2	.2	.2	.0	.3	.2	.0
86.	* .1	.2	.2	.0	.3	.2	.0
91.	* .1	.2	.2	.0	.3	.2	.0
96.	* .1	.2	.2	.0	.3	.2	.0
101.	* .1	.2	.2	.0	.3	.2	.0
106.	* .1	.2	.2	.0	.4	.2	.0
111.	* .2	.2	.2	.0	.4	.2	.0
116.	* .2	.2	.2	.0	.4	.1	.0
121.	* .2	.2	.0	.0	.4	.1	.0
126.	* .2	.2	.0	.0	.3	.1	.0
131.	* .2	.2	.0	.0	.3	.2	.0
136.	* .1	.0	.0	.0	.4	.2	.0
141.	* .0	.0	.0	.0	.4	.1	.0
146.	* .0	.0	.0	.0	.4	.0	.0
151.	* .0	.0	.0	.0	.2	.0	.1
156.	* .0	.0	.0	.0	.2	.0	.1
161.	* .0	.0	.0	.0	.0	.0	.3
166.	* .0	.0	.0	.0	.0	.0	.3
171.	* .0	.0	.0	.0	.0	.0	.4
176.	* .0	.0	.0	.0	.0	.0	.4
181.	* .0	.0	.0	.0	.0	.0	.5
186.	* .0	.0	.0	.0	.0	.0	.5
191.	* .0	.0	.0	.1	.0	.0	.4
196.	* .0	.0	.0	.1	.0	.0	.4
201.	* .0	.0	.0	.1	.0	.0	.4
206.	* .0	.0	.0	.1	.0	.0	.3

JOB: NB30P MON BATTLEFIELD RUN: NB30PM BATTLEFIELD
Page 1

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.2	.0	.0	.3
216.	.0	.0	.0	.1	.0	.0	.3
221.	.0	.0	.0	.1	.0	.0	.3
226.	.0	.0	.0	.1	.0	.0	.3
231.	.0	.0	.0	.1	.0	.0	.3
236.	.0	.0	.0	.1	.0	.0	.3
241.	.0	.0	.0	.1	.0	.0	.3
246.	.0	.0	.0	.1	.0	.0	.3
251.	.0	.0	.0	.1	.0	.0	.3
256.	.0	.0	.0	.1	.0	.0	.3
261.	.0	.0	.0	.1	.0	.0	.3
266.	.0	.0	.0	.1	.0	.0	.3
271.	.0	.0	.0	.1	.0	.0	.3
276.	.0	.0	.0	.1	.0	.0	.3
281.	.0	.0	.0	.1	.0	.0	.3
286.	.0	.0	.0	.2	.0	.0	.3
291.	.0	.0	.0	.1	.0	.0	.3
296.	.0	.0	.0	.1	.0	.0	.4
301.	.0	.0	.0	.1	.0	.0	.4
306.	.0	.0	.0	.1	.0	.0	.3
311.	.0	.0	.0	.0	.0	.0	.3
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.0	.1
336.	.0	.0	.0	.0	.0	.0	.0
341.	.0	.0	.0	.0	.0	.0	.0
346.	.0	.0	.0	.0	.1	.0	.0
351.	.0	.0	.0	.0	.1	.0	.0
356.	.0	.0	.1	.0	.2	.0	.0
361.	.0	.2	.2	.0	.2	.0	.0
MAX	.2	.2	.2	.2	.4	.2	.5
DEGR.	35	0	0	210	10	55	180

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 10 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .20 PPM AT 35 DEGREES FROM REC1 .

1

JOB: NB30P MON BATTLEFIELD
 DATE: 12/20/2006 TIME: 11:59:03.70

RUN: NB30PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.2	.1	.3
2	.1	.1	.1	.0	.2	.1	.1
3	.0	.0	.0	.1	.0	.0	.1

				S29B130A.DAT			
S29	B130AM	BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1
REC	1		198367.	619434.	5.		
REC	2		198660.	619068.	5.		
REC	3		198748.	618768.	5.		
REC	4		198284.	619739.	5.		
REC	5		199518.	619448.	5.		
REC	6		198649.	619663.	5.		
REC	7		198946.	619774.	5.		
S29	B130AM	BATTLEFIELD		2	1	1	
	1						
		NB 270	AG198615.620159.199421.618332.	3475	3.8	0	68 60.
	1						
		SB 270	AG199335.618303.198539.620121.	7525	3.6	0	68 56.
1.0	.54	1000 0.0Y	5 0 72				

JOB: S29 B130AM BATTLEFIELD RUN: S29 B130AM BATTLEFIELD
DATE: 12/22/2006 TIME: 23:05:14.40

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 198615.0	620159.0	199421.0	618332.0	* 1997.	156. AG	3475.	3.8	.0	68.0	
2. SB 270	* 199335.0	618303.0	198539.0	620121.0	* 1985.	336. AG	7525.	3.6	.0	68.0	

JOB: S29 B130AM BATTLEFIELD RUN: S29 B130AM BATTLEFIELD
DATE: 12/22/2006 TIME: 23:05:14.40

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 198367.0	619434.0	5.0	*
2. REC 2	* 198660.0	619068.0	5.0	*
3. REC 3	* 198748.0	618768.0	5.0	*
4. REC 4	* 198284.0	619739.0	5.0	*
5. REC 5	* 199518.0	619448.0	5.0	*
6. REC 6	* 198649.0	619663.0	5.0	*
7. REC 7	* 198946.0	619774.0	5.0	*

JOB: S29 B130AM BATTLEFIELD RUN: S29 B130AM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.3	.3	.0	.0	.7	.0	
6.	* .0	.3	.3	.0	.0	.7	.0	
11.	* .1	.3	.3	.0	.0	.8	.0	
16.	* .1	.3	.3	.0	.0	.8	.0	
21.	* .1	.3	.3	.0	.0	.7	.0	
26.	* .2	.3	.3	.0	.0	.7	.0	
31.	* .2	.3	.3	.1	.0	.7	.0	
36.	* .3	.3	.3	.1	.0	.6	.0	
41.	* .3	.3	.3	.1	.0	.6	.0	
46.	* .3	.3	.3	.2	.0	.6	.0	
51.	* .2	.3	.3	.3	.0	.6	.0	
56.	* .2	.3	.3	.3	.0	.6	.0	
61.	* .3	.3	.3	.3	.0	.6	.0	
66.	* .3	.3	.3	.3	.0	.6	.0	
71.	* .3	.3	.3	.3	.0	.6	.0	
76.	* .3	.3	.3	.3	.0	.6	.0	
81.	* .3	.3	.3	.3	.0	.6	.0	
86.	* .3	.3	.3	.3	.0	.6	.0	
91.	* .3	.3	.3	.3	.0	.6	.0	
96.	* .3	.3	.3	.3	.0	.6	.0	
101.	* .3	.3	.3	.3	.0	.7	.0	
106.	* .3	.3	.3	.3	.0	.7	.0	
111.	* .3	.3	.3	.3	.0	.7	.0	
116.	* .3	.3	.3	.3	.0	.8	.0	
121.	* .3	.3	.3	.3	.0	.8	.0	
126.	* .3	.3	.1	.3	.0	.8	.0	
131.	* .3	.3	.1	.3	.0	.8	.0	
136.	* .1	.2	.1	.3	.0	.8	.0	
141.	* .1	.1	.0	.2	.0	.9	.0	
146.	* .1	.1	.0	.1	.0	.8	.0	
151.	* .0	.0	.0	.1	.0	.6	.0	
156.	* .0	.0	.0	.0	.0	.5	.2	
161.	* .0	.0	.0	.0	.0	.3	.2	
166.	* .0	.0	.0	.0	.0	.1	.4	
171.	* .0	.0	.0	.0	.0	.1	.4	
176.	* .0	.0	.0	.0	.0	.0	.5	
181.	* .0	.0	.0	.0	.0	.0	.5	
186.	* .0	.0	.0	.0	.1	.0	.5	
191.	* .0	.0	.0	.0	.2	.0	.5	
196.	* .0	.0	.0	.0	.2	.0	.5	
201.	* .0	.0	.0	.0	.2	.0	.5	
206.	* .0	.0	.0	.0	.2	.0	.5	

JOB: S29 B130AM BATTLEFIELD RUN: S29 B130AM BATTLEFIELD

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.2	.0	.4
216.	.0	.0	.0	.0	.2	.0	.4
221.	.0	.0	.0	.0	.2	.0	.4
226.	.0	.0	.0	.0	.2	.0	.4
231.	.0	.0	.0	.0	.2	.0	.4
236.	.0	.0	.0	.0	.2	.0	.4
241.	.0	.0	.0	.0	.2	.0	.4
246.	.0	.0	.0	.0	.2	.0	.4
251.	.0	.0	.0	.0	.2	.0	.4
256.	.0	.0	.0	.0	.2	.0	.4
261.	.0	.0	.0	.0	.2	.0	.4
266.	.0	.0	.0	.0	.2	.0	.4
271.	.0	.0	.0	.0	.2	.0	.4
276.	.0	.0	.0	.0	.2	.0	.4
281.	.0	.0	.0	.0	.2	.0	.4
286.	.0	.0	.0	.0	.2	.0	.4
291.	.0	.0	.0	.0	.2	.0	.4
296.	.0	.0	.0	.0	.2	.0	.4
301.	.0	.0	.0	.0	.2	.0	.4
306.	.0	.0	.0	.0	.1	.0	.4
311.	.0	.0	.0	.0	.0	.0	.4
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.1	.0
336.	.0	.0	.0	.0	.0	.2	.0
341.	.0	.0	.0	.0	.0	.3	.0
346.	.0	.1	.1	.0	.0	.4	.0
351.	.0	.1	.1	.0	.0	.6	.0
356.	.0	.1	.3	.0	.0	.6	.0
361.	.0	.3	.3	.0	.0	.7	.0
MAX	.3	.3	.3	.3	.2	.9	.5
DEGR.	35	0	0	50	190	140	175

THE HIGHEST CONCENTRATION IS .90 PPM AT 140 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 175 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 35 DEGREES FROM REC1 .

1

JOB: S29 B130AM BATTLEFIELD
 DATE: 12/22/2006 TIME: 23:05:14.40

RUN: S29 B130AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.2	.2
2	.2	.2	.2	.2	.1	.7	.3

										S29B130P.DAT		
S29	B130PM	BATTLEFIELD			60.0175.0.0000.000	70.30480000	11	1				
REC	1		198367.	619434.	5.							
REC	2		198660.	619068.	5.							
REC	3		198748.	618768.	5.							
REC	4		198284.	619739.	5.							
REC	5		199518.	619448.	5.							
REC	6		198649.	619663.	5.							
REC	7		198946.	619774.	5.							
S29	B130PM	BATTLEFIELD			2	1	1					
1												
		NB 270	AG198615.620159.199421.618332.		7725	3.7	0	68	59.			
1												
		SB 270	AG199335.618303.198539.620121.		3075	3.8	0	68	60.			
1.0	.54	1000 0.0Y	5	0	72							

JOB: S29 B130PM BATTLEFIELD RUN: S29 B130PM BATTLEFIELD
DATE: 12/22/2006 TIME: 23:06:11.09

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 198615.0	620159.0	199421.0	618332.0	* 1997.	156. AG	7725.	3.7	.0	68.0	
2. SB 270	* 199335.0	618303.0	198539.0	620121.0	* 1985.	336. AG	3075.	3.8	.0	68.0	

JOB: S29 B130PM BATTLEFIELD RUN: S29 B130PM BATTLEFIELD
DATE: 12/22/2006 TIME: 23:06:11.09

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 198367.0	619434.0	5.0	*
2. REC 2	* 198660.0	619068.0	5.0	*
3. REC 3	* 198748.0	618768.0	5.0	*
4. REC 4	* 198284.0	619739.0	5.0	*
5. REC 5	* 199518.0	619448.0	5.0	*
6. REC 6	* 198649.0	619663.0	5.0	*
7. REC 7	* 198946.0	619774.0	5.0	*

JOB: S29 B130PM BATTLEFIELD RUN: S29 B130PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.2	.0	.0	.5	.0
6.	* .0	.3	.3	.0	.0	.5	.0
11.	* .0	.3	.3	.0	.0	.5	.0
16.	* .1	.3	.3	.0	.0	.5	.0
21.	* .2	.3	.3	.0	.0	.5	.0
26.	* .2	.3	.3	.0	.0	.5	.0
31.	* .2	.3	.3	.0	.0	.5	.0
36.	* .2	.3	.3	.1	.0	.5	.0
41.	* .2	.3	.3	.2	.0	.5	.0
46.	* .2	.3	.3	.2	.0	.5	.0
51.	* .2	.3	.3	.2	.0	.5	.0
56.	* .2	.3	.3	.2	.0	.5	.0
61.	* .2	.3	.3	.2	.0	.5	.0
66.	* .2	.3	.3	.3	.0	.5	.0
71.	* .2	.3	.3	.3	.0	.5	.0
76.	* .2	.3	.3	.3	.0	.5	.0
81.	* .2	.3	.3	.3	.0	.5	.0
86.	* .2	.3	.3	.3	.0	.5	.0
91.	* .2	.3	.3	.3	.0	.5	.0
96.	* .2	.3	.3	.3	.0	.5	.0
101.	* .2	.3	.3	.3	.0	.5	.0
106.	* .2	.3	.3	.3	.0	.5	.0
111.	* .3	.3	.3	.3	.0	.5	.0
116.	* .3	.3	.2	.3	.0	.6	.0
121.	* .3	.3	.2	.3	.0	.6	.0
126.	* .2	.3	.2	.3	.0	.7	.0
131.	* .2	.2	.0	.3	.0	.7	.0
136.	* .2	.2	.0	.2	.0	.7	.0
141.	* .1	.1	.0	.2	.0	.7	.0
146.	* .0	.0	.0	.1	.0	.6	.0
151.	* .0	.0	.0	.0	.0	.5	.1
156.	* .0	.0	.0	.0	.0	.4	.2
161.	* .0	.0	.0	.0	.0	.2	.4
166.	* .0	.0	.0	.0	.0	.1	.5
171.	* .0	.0	.0	.0	.0	.0	.5
176.	* .0	.0	.0	.0	.0	.0	.5
181.	* .0	.0	.0	.0	.1	.0	.5
186.	* .0	.0	.0	.0	.1	.0	.5
191.	* .0	.0	.0	.0	.1	.0	.5
196.	* .0	.0	.0	.0	.1	.0	.5
201.	* .0	.0	.0	.0	.1	.0	.5
206.	* .0	.0	.0	.0	.2	.0	.5

JOB: S29 B130PM BATTLEFIELD RUN: S29 B130PM BATTLEFIELD

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.2	.0	.5
216.	.0	.0	.0	.0	.2	.0	.5
221.	.0	.0	.0	.0	.2	.0	.4
226.	.0	.0	.0	.0	.2	.0	.4
231.	.0	.0	.0	.0	.2	.0	.4
236.	.0	.0	.0	.0	.2	.0	.5
241.	.0	.0	.0	.0	.2	.0	.5
246.	.0	.0	.0	.0	.2	.0	.4
251.	.0	.0	.0	.0	.2	.0	.4
256.	.0	.0	.0	.0	.2	.0	.5
261.	.0	.0	.0	.0	.2	.0	.4
266.	.0	.0	.0	.0	.2	.0	.4
271.	.0	.0	.0	.0	.2	.0	.4
276.	.0	.0	.0	.0	.2	.0	.4
281.	.0	.0	.0	.0	.2	.0	.5
286.	.0	.0	.0	.0	.2	.0	.5
291.	.0	.0	.0	.0	.2	.0	.5
296.	.0	.0	.0	.0	.1	.0	.5
301.	.0	.0	.0	.0	.1	.0	.5
306.	.0	.0	.0	.0	.1	.0	.5
311.	.0	.0	.0	.0	.1	.0	.4
316.	.0	.0	.0	.0	.0	.0	.3
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.2
331.	.0	.0	.0	.0	.0	.0	.1
336.	.0	.0	.0	.0	.0	.1	.0
341.	.0	.0	.0	.0	.0	.1	.0
346.	.0	.0	.0	.0	.0	.3	.0
351.	.0	.1	.2	.0	.0	.3	.0
356.	.0	.2	.2	.0	.0	.4	.0
361.	.0	.2	.2	.0	.0	.5	.0
MAX	.3	.3	.3	.3	.2	.7	.5
DEGR.	110	5	5	65	205	125	165

THE HIGHEST CONCENTRATION IS .70 PPM AT 125 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 165 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 110 DEGREES FROM REC1 .

1

JOB: S29 B130PM BATTLEFIELD
 DATE: 12/22/2006 TIME: 23:06:11.09

RUN: S29 B130PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.2	.2	.2	.2	.1	.4	.4
2	.1	.1	.1	.1	.1	.3	.1

				S29B230A.DAT			
S29	B230AM	BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1
REC	1		198367.	619434.		5.	
REC	2		198660.	619068.		5.	
REC	3		198748.	618768.		5.	
REC	4		198284.	619739.		5.	
REC	5		199518.	619448.		5.	
REC	6		198649.	619663.		5.	
REC	7		198946.	619774.		5.	
S29	B230AM	BATTLEFIELD		2	1	1	
	1						
		NB 270	AG198615.620159.199421.618332.	3625	3.8	0	68 61.
	1						
		SB 270	AG199335.618303.198539.620121.	7900	2.6	0	68 35.
1.0	.54	1000 0.0Y	5 0 72				

JOB: S29 B230AM BATTLEFIELD RUN: S29 B230AM BATTLEFIELD
DATE: 12/27/2006 TIME: 12:19:10.74

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 198615.0	620159.0	199421.0	618332.0	* 1997.	156. AG	3625.	3.8	.0	68.0	
2. SB 270	* 199335.0	618303.0	198539.0	620121.0	* 1985.	336. AG	7900.	2.6	.0	68.0	

JOB: S29 B230AM BATTLEFIELD RUN: S29 B230AM BATTLEFIELD
DATE: 12/27/2006 TIME: 12:19:10.74

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 198367.0	619434.0	5.0	*
2. REC 2	* 198660.0	619068.0	5.0	*
3. REC 3	* 198748.0	618768.0	5.0	*
4. REC 4	* 198284.0	619739.0	5.0	*
5. REC 5	* 199518.0	619448.0	5.0	*
6. REC 6	* 198649.0	619663.0	5.0	*
7. REC 7	* 198946.0	619774.0	5.0	*

JOB: S29 B230AM BATTLEFIELD RUN: S29 B230AM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.2	.0	.0	.5	.0
6.	* .0	.3	.3	.0	.0	.5	.0
11.	* .1	.3	.3	.0	.0	.6	.0
16.	* .1	.3	.3	.0	.0	.6	.0
21.	* .1	.3	.2	.0	.0	.6	.0
26.	* .2	.3	.2	.0	.0	.6	.0
31.	* .2	.3	.2	.1	.0	.6	.0
36.	* .2	.3	.2	.1	.0	.6	.0
41.	* .2	.2	.2	.1	.0	.6	.0
46.	* .2	.2	.2	.2	.0	.6	.0
51.	* .2	.2	.2	.2	.0	.6	.0
56.	* .2	.2	.2	.2	.0	.6	.0
61.	* .2	.2	.2	.2	.0	.6	.0
66.	* .2	.2	.2	.2	.0	.6	.0
71.	* .2	.2	.2	.2	.0	.6	.0
76.	* .2	.2	.2	.2	.0	.6	.0
81.	* .2	.2	.2	.2	.0	.6	.0
86.	* .2	.2	.2	.2	.0	.5	.0
91.	* .2	.2	.2	.2	.0	.6	.0
96.	* .2	.2	.2	.2	.0	.6	.0
101.	* .2	.3	.2	.2	.0	.6	.0
106.	* .2	.3	.2	.2	.0	.6	.0
111.	* .2	.3	.2	.2	.0	.6	.0
116.	* .2	.3	.2	.2	.0	.6	.0
121.	* .2	.3	.2	.2	.0	.6	.0
126.	* .2	.3	.1	.2	.0	.7	.0
131.	* .2	.2	.1	.2	.0	.7	.0
136.	* .1	.1	.0	.2	.0	.7	.0
141.	* .1	.1	.0	.2	.0	.7	.0
146.	* .0	.1	.0	.1	.0	.7	.0
151.	* .0	.0	.0	.0	.0	.5	.0
156.	* .0	.0	.0	.0	.0	.4	.2
161.	* .0	.0	.0	.0	.0	.2	.2
166.	* .0	.0	.0	.0	.0	.1	.3
171.	* .0	.0	.0	.0	.0	.0	.4
176.	* .0	.0	.0	.0	.0	.0	.4
181.	* .0	.0	.0	.0	.0	.0	.4
186.	* .0	.0	.0	.0	.0	.0	.4
191.	* .0	.0	.0	.0	.2	.0	.4
196.	* .0	.0	.0	.0	.2	.0	.4
201.	* .0	.0	.0	.0	.2	.0	.4
206.	* .0	.0	.0	.0	.2	.0	.4

JOB: S29 B230AM BATTLEFIELD RUN: S29 B230AM BATTLEFIELD

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.2	.0	.4
216.	.0	.0	.0	.0	.2	.0	.4
221.	.0	.0	.0	.0	.2	.0	.4
226.	.0	.0	.0	.0	.2	.0	.4
231.	.0	.0	.0	.0	.2	.0	.4
236.	.0	.0	.0	.0	.2	.0	.4
241.	.0	.0	.0	.0	.2	.0	.4
246.	.0	.0	.0	.0	.2	.0	.4
251.	.0	.0	.0	.0	.2	.0	.4
256.	.0	.0	.0	.0	.2	.0	.4
261.	.0	.0	.0	.0	.2	.0	.4
266.	.0	.0	.0	.0	.2	.0	.4
271.	.0	.0	.0	.0	.2	.0	.4
276.	.0	.0	.0	.0	.2	.0	.4
281.	.0	.0	.0	.0	.2	.0	.4
286.	.0	.0	.0	.0	.2	.0	.4
291.	.0	.0	.0	.0	.2	.0	.4
296.	.0	.0	.0	.0	.2	.0	.4
301.	.0	.0	.0	.0	.2	.0	.4
306.	.0	.0	.0	.0	.0	.0	.3
311.	.0	.0	.0	.0	.0	.0	.3
316.	.0	.0	.0	.0	.0	.0	.2
321.	.0	.0	.0	.0	.0	.0	.1
326.	.0	.0	.0	.0	.0	.0	.1
331.	.0	.0	.0	.0	.0	.1	.0
336.	.0	.0	.0	.0	.0	.1	.0
341.	.0	.0	.0	.0	.0	.2	.0
346.	.0	.0	.1	.0	.0	.3	.0
351.	.0	.1	.1	.0	.0	.5	.0
356.	.0	.1	.2	.0	.0	.5	.0
361.	.0	.2	.2	.0	.0	.5	.0
MAX	.2	.3	.3	.2	.2	.7	.4
DEGR.	25	5	5	45	190	125	170

THE HIGHEST CONCENTRATION IS .70 PPM AT 125 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 170 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 5 DEGREES FROM REC2 .

1

JOB: S29 B230AM BATTLEFIELD
 DATE: 12/27/2006 TIME: 12:19:10.74

RUN: S29 B230AM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.1	.1	.1	.1	.1	.2	.2
2	.1	.2	.2	.1	.1	.5	.2

				S29B230P.DAT			
S29	B230PM	BATTLEFIELD		60.0175.0.0000.000	70.30480000	11	1
REC	1		198367.	619434.	5.		
REC	2		198660.	619068.	5.		
REC	3		198748.	618768.	5.		
REC	4		198284.	619739.	5.		
REC	5		199518.	619448.	5.		
REC	6		198649.	619663.	5.		
REC	7		198946.	619774.	5.		
S29	B230PM	BATTLEFIELD		2	1	1	
	1						
		NB 270	AG198615.620159.199421.618332.	8125	3.8	0	68 61.
	1						
		SB 270	AG199335.618303.198539.620121.	3200	3.8	0	68 61.
1.0	.54	1000 0.0Y	5 0 72				

JOB: S29 B230PM BATTLEFIELD RUN: S29 B230PM BATTLEFIELD
DATE: 12/27/2006 TIME: 12:20:21.10

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. NB 270	* 198615.0	620159.0	199421.0	618332.0	* 1997.	156. AG	8125.	3.8	.0	68.0	
2. SB 270	* 199335.0	618303.0	198539.0	620121.0	* 1985.	336. AG	3200.	3.8	.0	68.0	

JOB: S29 B230PM BATTLEFIELD RUN: S29 B230PM BATTLEFIELD
DATE: 12/27/2006 TIME: 12:20:21.10

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*							

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. REC 1	* 198367.0	619434.0	5.0	*
2. REC 2	* 198660.0	619068.0	5.0	*
3. REC 3	* 198748.0	618768.0	5.0	*
4. REC 4	* 198284.0	619739.0	5.0	*
5. REC 5	* 199518.0	619448.0	5.0	*
6. REC 6	* 198649.0	619663.0	5.0	*
7. REC 7	* 198946.0	619774.0	5.0	*

JOB: S29 B230PM BATTLEFIELD RUN: S29 B230PM BATTLEFIELD

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION

ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7
1.	* .0	.2	.3	.0	.0	.6	.0
6.	* .0	.3	.3	.0	.0	.6	.0
11.	* .0	.3	.3	.0	.0	.7	.0
16.	* .1	.3	.3	.0	.0	.7	.0
21.	* .2	.3	.3	.0	.0	.6	.0
26.	* .2	.3	.3	.0	.0	.6	.0
31.	* .2	.3	.3	.0	.0	.6	.0
36.	* .2	.3	.3	.1	.0	.5	.0
41.	* .3	.3	.3	.2	.0	.5	.0
46.	* .3	.3	.3	.2	.0	.5	.0
51.	* .3	.3	.3	.2	.0	.5	.0
56.	* .3	.3	.3	.3	.0	.5	.0
61.	* .3	.3	.3	.3	.0	.5	.0
66.	* .3	.3	.3	.3	.0	.5	.0
71.	* .3	.3	.3	.3	.0	.5	.0
76.	* .3	.3	.3	.3	.0	.5	.0
81.	* .3	.3	.3	.3	.0	.5	.0
86.	* .3	.3	.3	.3	.0	.5	.0
91.	* .3	.3	.3	.3	.0	.5	.0
96.	* .3	.3	.3	.3	.0	.5	.0
101.	* .3	.3	.3	.3	.0	.6	.0
106.	* .3	.3	.3	.3	.0	.6	.0
111.	* .3	.3	.3	.3	.0	.6	.0
116.	* .3	.3	.2	.3	.0	.7	.0
121.	* .3	.3	.2	.3	.0	.7	.0
126.	* .3	.3	.2	.3	.0	.7	.0
131.	* .2	.2	.1	.3	.0	.7	.0
136.	* .2	.2	.0	.3	.0	.7	.0
141.	* .1	.2	.0	.2	.0	.7	.0
146.	* .0	.0	.0	.1	.0	.7	.0
151.	* .0	.0	.0	.0	.0	.5	.1
156.	* .0	.0	.0	.0	.0	.4	.2
161.	* .0	.0	.0	.0	.0	.2	.4
166.	* .0	.0	.0	.0	.0	.1	.5
171.	* .0	.0	.0	.0	.0	.0	.5
176.	* .0	.0	.0	.0	.0	.0	.6
181.	* .0	.0	.0	.0	.1	.0	.6
186.	* .0	.0	.0	.0	.1	.0	.6
191.	* .0	.0	.0	.0	.1	.0	.5
196.	* .0	.0	.0	.0	.1	.0	.5
201.	* .0	.0	.0	.0	.3	.0	.5
206.	* .0	.0	.0	.0	.3	.0	.5

JOB: S29 B230PM BATTLEFIELD RUN: S29 B230PM BATTLEFIELD

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
211.	.0	.0	.0	.0	.3	.0	.5
216.	.0	.0	.0	.0	.3	.0	.5
221.	.0	.0	.0	.0	.3	.0	.5
226.	.0	.0	.0	.0	.2	.0	.5
231.	.0	.0	.0	.0	.2	.0	.5
236.	.0	.0	.0	.0	.2	.0	.5
241.	.0	.0	.0	.0	.2	.0	.5
246.	.0	.0	.0	.0	.2	.0	.5
251.	.0	.0	.0	.0	.2	.0	.5
256.	.0	.0	.0	.0	.2	.0	.5
261.	.0	.0	.0	.0	.2	.0	.5
266.	.0	.0	.0	.0	.3	.0	.5
271.	.0	.0	.0	.0	.3	.0	.5
276.	.0	.0	.0	.0	.3	.0	.5
281.	.0	.0	.0	.0	.3	.0	.5
286.	.0	.0	.0	.0	.3	.0	.5
291.	.0	.0	.0	.0	.3	.0	.5
296.	.0	.0	.0	.0	.1	.0	.5
301.	.0	.0	.0	.0	.1	.0	.5
306.	.0	.0	.0	.0	.1	.0	.5
311.	.0	.0	.0	.0	.1	.0	.5
316.	.0	.0	.0	.0	.0	.0	.3
321.	.0	.0	.0	.0	.0	.0	.2
326.	.0	.0	.0	.0	.0	.0	.2
331.	.0	.0	.0	.0	.0	.0	.1
336.	.0	.0	.0	.0	.0	.1	.1
341.	.0	.0	.0	.0	.0	.1	.0
346.	.0	.0	.0	.0	.0	.3	.0
351.	.0	.1	.2	.0	.0	.4	.0
356.	.0	.2	.2	.0	.0	.4	.0
361.	.0	.2	.3	.0	.0	.6	.0
MAX	.3	.3	.3	.3	.3	.7	.6
DEGR.	40	5	0	55	200	10	175

THE HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 175 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 40 DEGREES FROM REC1 .

1

JOB: S29 B230PM BATTLEFIELD
 DATE: 12/27/2006 TIME: 12:20:21.10

RUN: S29 B230PM BATTLEFIELD

PAGE 5

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7
1	.2	.2	.2	.2	.2	.4	.5
2	.1	.1	.1	.1	.1	.3	.1

Site 30 Jefferson/Prospect/Pearl

S30EXAM.DAT

S30 EXAM JEFF/PROS/PEARL 60.0175.0.0000.000320.30480000 11 1

REC 1	400'	SW CORNER	191422.	634107.	5.				
REC 2		SW CORNER	191199.	634229.	5.				
REC 2	82'	SW CORNER	191147.	634269.	5.				
REC 4		SW CORNER	191102.	634296.	5.				
REC 5	82'	WS CORNER	191146.	634334.	5.				
REC 6	164'	WS CORNE	191212.	634368.	5.				
REC 7	400'	WS CORNE	191405.	634489.	5.				
REC 8	400'	EN CORNE	191373.	634545.	5.				
REC 9	164'	EN CORNE	191163.	634432.	5.				
REC 10	82'	EN CORNE	191095.	634393.	5.				
REC 11		NE CORNER	191031.	634367.	5.				
REC 12	82'	NE CORNER	190993.	634409.	5.				
REC 13	164'	NE CORNE	190925.	634465.	5.				
REC 14	400'	NE CORNE	190808.	634663.	5.				
REC 15	82'	NW CORNER	190890.	634320.	5.				
REC 16	164'	NW CORNE	190796.	634271.	5.				
REC 17		NW CORNER	190942.	634331.	5.				
REC 18		NW CORNER	190659.	634207.	5.				
REC 19	400'	WS CORNE	190683.	634022.	5.				
REC 20	164'	WS CORNE	190865.	634138.	5.				
REC 21	82'	WS CORNER	190948.	634192.	5.				
REC 22		SW CORNER	190999.	634219.	5.				
REC 23	82'	SW CORNER	191021.	634174.	5.				
REC 24	164'	SW CORNE	191034.	634091.	5.				
REC 25		SW CORNER	191064.	633933.	5.				
REC 27		BET P&P	191131.	633936.	5.				
REC 28	164'	BET P&P	191098.	634103.	5.				
REC 30	82'	BET P&P	191120.	634212.	5.				
REC 31	164'	BET P&P	191187.	634172.	5.				
REC 32	400'	BET P&P	191394.	634058.	5.				
REC 32	400'	BET P&P	191088.	634178.	5.				
REC 32	400'	BET P&P	191069.	634244.	5.				
S30 EXAM	JEFFERSON	PROSPECT	PEARL	23	1	1			
1		Ex ParkLot	AG191015.634302.190920.634432.	119	2.9	0.44.	30.		
2		Ex ParkLot	AG190984.634344.190941.634404.	0.24.	2				
100	94	2.0	119 29.1 1750 1 3						
0 1		Entra Park	AG191032.634315.190971.634411.	89	2.9	0.44.	30.		
1		Jeff EBL	AG191027.634306.190822.634172.	1	2.9	0.32.	30.		
2		Jeff EBL	AG190961.634263.190859.634197.	0.12.	1				
100	92	5.0	1 29.1 1770 1 3						
1		Jeff EBT	AG191034.634295.190827.634154.	1629	2.9	0.56.	30.		
2		Jeff EBT	AG190998.634271.190844.634166.	0.36.	3				
0 100	23	2.0	1629 29.1 1750 1 3						
0 1		Jeff EB aL	AG190824.634155.190643.634041.	1629	2.9	0.56.	30.		
0 1		Jeff EB dp	AG191419.634530.191210.634391.	1524	2.9	0.56.	30.		
0 1		Jeff EB dp	AG191210.634391.191034.634288.	1524	2.9	0.56.	30.		
0 1		Jeff WBL	AG191033.634306.191213.634414.	1	2.9	0.32.	30.		
0 2		Jeff WBL	AG191067.634326.191148.634375.	0.12.	1				
100	23	2.0	1 29.1 1770 1 3						
1		Jeff WBT	AG191016.634321.191207.634431.	1053	2.9	0.56.	30.		
2		Jeff WBT	AG191055.634343.191154.634401.	0.36.	3				
100	23	2.0	1053 29.1 1690 1 3						
1		Jeff WBALL	AG191214.634431.191290.634472.	1053	2.9	0.56.	30.		
0 1		Jeff WBALL	AG191291.634473.191420.634557.	1053	2.9	0.44.	30.		
0 1		Jeff WBdp	AG190644.634105.191015.634323.	1356	2.9	0.56.	30.		
0 1		Prosp NB	AG191041.634310.191106.633931.	262	2.9	0.56.	30.		
0 2		Prosp NB	AG191059.634206.191079.634087.	0.36.	3				
100	87	2.0	262 29.1 1750 1 3						
1		Prosp SB	dAG191084.633933.191013.634293.	121	2.9	0.44.	30.		
1		Pearl NB	AG191051.634294.191421.634085.	48	2.9	0.44.	30.		
2		Pearl NB	AG191092.634272.191209.634205.	0.24.	2				
100	95	2.0	48 29.1 1750 1 3						
0 1		Pearl SBdp	AG191419.634065.191034.634282.	21	2.9	0.44.	30.		
1.0	.54	1000. 0.0Y	5 0 72						

JOB: S30 EXAM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:17:31.30

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	119.	2.9	.0	44.0	
2.	Ex ParkLot*	190984.0	634344.0	190800.3	634600.4	*	315.	324. AG	147.	100.0	.0	24.0	1.69 16.0
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	89.	2.9	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	1.	2.9	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190960.6	634262.7	*	1.	237. AG	72.	100.0	.0	12.0	.06 .0
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	1629.	2.9	.0	56.0	
7. 0	Jeff EBT*	190998.0	634271.0	190941.6	634232.5	*	68.	236. AG	54.	100.0	.0	36.0	.43 3.5
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	1629.	2.9	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	1524.	2.9	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	1524.	2.9	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	1.	2.9	.0	32.0	
12.	Jeff WBL*	191067.0	634326.0	191067.1	634326.0	*	0.	55. AG	18.	100.0	.0	12.0	.00 .0
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1053.	2.9	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191093.1	634365.3	*	44.	60. AG	54.	100.0	.0	36.0	.28 2.2
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1053.	2.9	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1053.	2.9	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1356.	2.9	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	262.	2.9	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191065.9	634164.8	*	42.	170. AG	204.	100.0	.0	36.0	.55 2.1
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	121.	2.9	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	48.	2.9	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191187.4	634217.4	*	110.	120. AG	148.	100.0	.0	24.0	1.41 5.6
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	21.	2.9	.0	44.0	

JOB: S30 EXAM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:17:31.30

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	100	94	2.0	119	1750	29.10	1	3
5.	Jeff EBL*	100	92	5.0	1	1770	29.10	1	3
7. 0	Jeff EBT*	100	23	2.0	1629	1750	29.10	1	3
12.	Jeff WBL*	100	23	2.0	1	1770	29.10	1	3
14.	Jeff WBT*	100	23	2.0	1053	1690	29.10	1	3
19.	Prosp NB*	100	87	2.0	262	1750	29.10	1	3
22.	Pearl NB*	100	95	2.0	48	1750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 EXAM JEFF/PROS/PEARL

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.2	.3
6.	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.2	.4
11.	.0	.0	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.2	.4
16.	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.3	.4
21.	.0	.0	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.4	.4
26.	.0	.0	.1	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.4	.4
31.	.0	.0	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.4	.4
36.	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3
41.	.0	.0	.1	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.2
46.	.0	.0	.1	.3	.3	.2	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.2
51.	.0	.0	.0	.3	.3	.2	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.1	.1
56.	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.2	.1	.3	.1	.1	.1
61.	.0	.0	.0	.2	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.2	.1	.2	.1	.1	.1
66.	.0	.0	.0	.1	.2	.1	.0	.1	.2	.2	.1	.0	.0	.0	.1	.1	.3	.0	.0	.1
71.	.0	.0	.0	.1	.1	.1	.0	.1	.3	.2	.1	.0	.0	.0	.1	.0	.3	.0	.0	.2
76.	.0	.0	.0	.0	.1	.1	.0	.1	.3	.2	.1	.0	.0	.0	.1	.1	.2	.1	.0	.1
81.	.0	.0	.0	.0	.1	.1	.0	.1	.3	.2	.3	.0	.0	.0	.1	.1	.3	.1	.0	.1
86.	.0	.0	.0	.0	.1	.0	.0	.1	.3	.3	.3	.0	.0	.0	.2	.1	.4	.1	.0	.0
91.	.0	.0	.0	.0	.1	.0	.0	.1	.2	.2	.3	.0	.0	.0	.1	.2	.3	.1	.0	.0
96.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0	.1	.2	.2	.1	.0	.0
101.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.1	.0	.0	.2	.2	.3	.1	.0	.0
106.	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.3	.2	.3	.1	.0	.0
111.	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.3	.2	.2	.1	.0	.0
116.	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.3	.2	.0	.0	.3	.2	.3	.1	.0	.0
121.	.0	.0	.1	.2	.0	.0	.0	.2	.2	.2	.4	.2	.0	.0	.2	.2	.3	.2	.0	.0
126.	.0	.0	.1	.2	.0	.0	.0	.2	.2	.2	.4	.3	.0	.0	.3	.2	.3	.2	.0	.0
131.	.0	.0	.2	.3	.0	.0	.0	.2	.1	.2	.4	.3	.1	.0	.3	.2	.3	.2	.0	.0
136.	.0	.0	.2	.4	.0	.0	.0	.2	.2	.2	.4	.3	.2	.1	.3	.2	.3	.2	.0	.0
141.	.0	.0	.3	.4	.0	.0	.0	.2	.2	.2	.4	.2	.2	.1	.2	.2	.3	.2	.0	.0
146.	.0	.0	.3	.4	.0	.0	.0	.2	.2	.2	.3	.3	.1	.2	.2	.2	.4	.2	.0	.0
151.	.0	.0	.4	.5	.1	.0	.0	.2	.2	.2	.3	.3	.1	.3	.2	.2	.3	.2	.0	.0
156.	.0	.0	.4	.5	.1	.0	.0	.2	.2	.2	.3	.3	.0	.4	.3	.2	.1	.3	.2	.0
161.	.0	.0	.4	.4	.1	.0	.0	.2	.2	.2	.3	.4	.0	.5	.3	.2	.1	.3	.2	.0
166.	.0	.0	.4	.4	.1	.0	.0	.2	.2	.2	.3	.3	.0	.5	.3	.2	.1	.3	.2	.0
171.	.0	.0	.4	.4	.2	.0	.0	.2	.3	.3	.3	.1	.5	.3	.2	.1	.3	.2	.0	.0
176.	.0	.0	.4	.4	.2	.0	.0	.2	.3	.4	.2	.5	.3	.2	.1	.3	.1	.0	.0	.0
181.	.0	.0	.4	.5	.2	.0	.0	.2	.3	.4	.3	.3	.5	.2	.2	.2	.2	.1	.0	.0
186.	.0	.0	.4	.4	.2	.1	.0	.2	.3	.5	.2	.3	.5	.2	.2	.2	.2	.0	.0	.0
191.	.0	.0	.4	.4	.2	.1	.0	.2	.3	.4	.2	.4	.5	.1	.2	.2	.2	.0	.0	.0
196.	.0	.0	.4	.4	.2	.1	.0	.2	.3	.3	.3	.4	.5	.1	.2	.2	.2	.0	.0	.0
201.	.0	.1	.4	.3	.3	.1	.0	.3	.3	.3	.3	.4	.5	.1	.1	.2	.2	.0	.0	.0
206.	.0	.1	.5	.3	.3	.1	.0	.3	.3	.3	.3	.5	.4	.0	.1	.2	.2	.0	.0	.0

1

JOB: S30 EXAM JEFF/PROS/PEARL

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
211.	.0	.1	.5	.2	.3	.1	.0	.3	.2	.4	.3	.4	.4	.0	.1	.1	.2	.0	.0	.0
216.	.0	.2	.5	.2	.3	.2	.0	.3	.2	.4	.2	.4	.4	.0	.1	.1	.2	.0	.0	.0
221.	.0	.2	.5	.2	.3	.2	.1	.4	.3	.4	.2	.4	.4	.0	.1	.1	.1	.0	.0	.0
226.	.0	.3	.5	.0	.2	.2	.1	.2	.2	.4	.2	.4	.4	.0	.1	.0	.1	.0	.0	.0
231.	.0	.3	.5	.2	.3	.2	.1	.2	.2	.4	.3	.3	.4	.0	.1	.0	.1	.0	.0	.0
236.	.0	.4	.5	.2	.3	.3	.2	.2	.2	.4	.2	.3	.4	.0	.0	.0	.1	.0	.0	.1
241.	.0	.5	.5	.2	.3	.2	.2	.2	.2	.4	.2	.3	.4	.0	.0	.0	.1	.0	.0	.1
246.	.0	.5	.5	.3	.4	.2	.2	.1	.2	.3	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1
251.	.0	.6	.5	.3	.4	.2	.2	.1	.2	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.1
256.	.0	.6	.5	.3	.4	.2	.2	.2	.2	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1
261.	.0	.6	.6	.3	.3	.3	.2	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.1
266.	.0	.7	.6	.3	.3	.4	.4	.1	.1	.1	.2	.3	.4	.0	.0	.0	.0	.0	.0	.2
271.	.0	.6	.5	.3	.4	.4	.4	.0	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0	.2
276.	.0	.6	.5	.2	.5	.4	.3	.0	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.0	.3
281.	.0	.6	.3	.3	.5	.4	.3	.0	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1	.3
286.	.0	.6	.4	.2	.5	.4	.3	.0	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1	.3
291.	.0	.7	.3	.2	.5	.4	.3	.0	.1	.2	.3	.3	.5	.0	.0	.0	.0	.0	.1	.3
296.	.1	.6	.3	.2	.4	.4	.3	.0	.1	.1	.3	.3	.5	.0	.0	.0	.0	.0	.1	.3
301.	.0	.5	.2	.4	.3	.4	.2	.0	.0	.1	.3	.3	.6	.0	.0	.0	.0	.0	.1	.3
306.	.0	.4	.2	.4	.3	.3	.2	.0	.0	.1	.3	.3	.5	.0	.0	.0	.0	.0	.1	.2
311.	.0	.4	.2	.4	.3	.2	.2	.0	.0	.1	.3	.3	.5	.0	.0	.0	.0	.0	.1	.2
316.	.0	.3	.2	.4	.3	.2	.2	.0	.0	.0	.2	.2	.4	.0	.0	.0	.1	.0	.1	.2
321.	.0	.3	.2	.4	.2	.2	.2	.0	.0	.0	.2	.2	.3	.0	.0	.0	.1	.0	.1	.2
326.	.0	.1	.2	.4	.2	.2	.2	.0	.0	.0	.1	.1	.3	.0	.0	.0	.2	.0	.1	.2
331.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.0	.1	.2
336.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.3	.0	.1	.2
341.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.3	.0	.1	.2
346.	.0	.1	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.0	.1	.2
351.	.0	.0	.1	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.0	.2	.3
356.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.0	.2	.3
361.	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.2	.3
MAX	.1	.7	.6	.5	.5	.4	.4	.4	.3	.5	.4	.5	.6	.3	.3	.2	.4	.2	.4	.4
DEGR.	295	265	260	150	275	25	265	220	70	185	120	205	300	155	105	90	85	120	20	5

1

JOB: S30 EXAM JEFF/PROS/PEARL

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .4 .4 .1 .1 .0 .0 .2 .4 .1 .0 .2 .1
6. * .4 .3 .0 .1 .0 .0 .1 .4 .1 .0 .2 .1
11. * .5 .1 .0 .2 .0 .0 .1 .4 .1 .0 .2 .2
16. * .5 .1 .1 .2 .0 .0 .1 .4 .1 .0 .3 .2
21. * .5 .1 .1 .3 .0 .0 .1 .4 .0 .0 .3 .1
26. * .3 .2 .2 .2 .0 .0 .1 .3 .0 .0 .2 .2
31. * .3 .2 .3 .2 .0 .0 .1 .3 .0 .0 .2 .2
36. * .2 .2 .3 .2 .0 .0 .1 .3 .0 .0 .2 .2
41. * .3 .2 .3 .2 .0 .0 .1 .3 .0 .0 .2 .3
46. * .2 .1 .3 .1 .0 .0 .0 .3 .0 .0 .2 .3
51. * .2 .1 .4 .1 .0 .0 .0 .3 .0 .0 .2 .3
56. * .2 .2 .4 .0 .0 .0 .0 .3 .0 .0 .2 .3
61. * .1 .2 .4 .0 .0 .0 .0 .3 .0 .0 .1 .3
66. * .1 .1 .5 .0 .0 .0 .0 .3 .0 .0 .1 .3
71. * .1 .1 .5 .0 .0 .0 .0 .3 .0 .0 .1 .3
76. * .2 .1 .5 .0 .0 .0 .0 .3 .0 .0 .1 .3
81. * .2 .1 .5 .0 .0 .0 .0 .2 .0 .0 .0 .4
86. * .2 .2 .4 .0 .0 .0 .0 .2 .0 .0 .0 .3
91. * .2 .2 .3 .0 .0 .0 .0 .2 .0 .0 .0 .3
96. * .1 .2 .3 .0 .0 .0 .0 .1 .0 .0 .0 .3
101. * .1 .3 .3 .0 .0 .0 .0 .1 .0 .0 .0 .3
106. * .1 .2 .2 .0 .0 .0 .0 .1 .0 .0 .0 .2
111. * .1 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .2
116. * .0 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0 .1
121. * .0 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0 .1
126. * .0 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
131. * .0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
136. * .0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
141. * .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
146. * .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
151. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
156. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
161. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
166. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .2
171. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .2
176. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .3
181. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .3
186. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .3
191. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .3
196. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3
201. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2
206. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .2

```

1

JOB: S30 EXAM JEFF/PROS/PEARL

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .1 .2
216. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .2 .1
221. * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .2 .1
226. * .0 .0 .0 .0 .0 .0 .0 .2 .0 .0 .2 .1
231. * .0 .0 .0 .0 .0 .0 .0 .2 .0 .0 .3 .0
236. * .1 .0 .0 .0 .0 .0 .0 .2 .0 .0 .3 .0
241. * .2 .1 .0 .0 .0 .0 .0 .3 .0 .0 .4 .0
246. * .2 .1 .0 .0 .0 .0 .0 .3 .0 .0 .4 .1
251. * .2 .1 .0 .0 .0 .0 .0 .3 .0 .0 .5 .1
256. * .3 .2 .0 .0 .0 .0 .0 .2 .0 .0 .5 .2
261. * .2 .2 .0 .0 .0 .0 .0 .2 .1 .0 .6 .2
266. * .3 .2 .1 .0 .0 .0 .0 .3 .1 .0 .6 .3
271. * .3 .2 .1 .0 .0 .0 .0 .2 .1 .0 .6 .3
276. * .3 .3 .2 .0 .0 .0 .0 .2 .1 .0 .7 .3
281. * .3 .3 .2 .0 .0 .0 .0 .2 .1 .0 .7 .3
286. * .2 .3 .2 .0 .0 .0 .0 .1 .1 .0 .7 .3
291. * .2 .3 .2 .0 .0 .0 .0 .1 .1 .0 .7 .2
296. * .2 .3 .2 .0 .0 .0 .0 .1 .1 .0 .7 .2
301. * .2 .3 .1 .0 .0 .0 .0 .2 .2 .0 .7 .3
306. * .2 .3 .1 .0 .0 .0 .0 .1 .2 .1 .6 .3
311. * .2 .3 .1 .0 .0 .0 .1 .1 .3 .0 .7 .3
316. * .2 .3 .2 .0 .0 .0 .1 .2 .3 .0 .6 .3
321. * .2 .4 .3 .0 .0 .0 .2 .2 .4 .0 .6 .3
326. * .2 .4 .3 .0 .0 .0 .3 .3 .4 .0 .5 .3
331. * .2 .5 .3 .1 .0 .1 .3 .4 .3 .0 .4 .3
336. * .3 .5 .3 .1 .0 .1 .3 .4 .3 .0 .4 .2
341. * .3 .5 .2 .1 .1 .1 .3 .3 .3 .0 .3 .2
346. * .4 .5 .2 .1 .1 .0 .3 .4 .3 .0 .2 .1
351. * .5 .5 .2 .1 .0 .0 .1 .4 .2 .0 .2 .1
356. * .5 .4 .2 .2 .0 .0 .2 .4 .2 .0 .3 .1
361. * .4 .4 .1 .1 .0 .0 .2 .4 .1 .0 .2 .1

```

```

MAX * .5 .5 .5 .3 .1 .1 .3 .4 .4 .1 .7 .4
DEGR. * 10 330 65 20 340 330 325 0 320 305 275 80

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 265 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 275 DEGREES FROM REC31 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 260 DEGREES FROM REC3 .

1

JOB: S30 EXAM JEFF/PROS/PEARL
 DATE: 12/15/2006 TIME: 10:17:31.30

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

LINK	#	*	S30EXAM.OUT																			
			295	265	260	150	275	25	265	220	70	185	120	205	300	155	105	90	85	120	20	5
1	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*		.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.3	.6	.3	.0	.0	.1	.0	.1	.1
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.2
7	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
9	*		.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*		.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
14	*		.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*		.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*		.1	.6	.4	.5	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 EXAM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:17:31.30

RUN: S30 EXAM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)												
		REC21	REC22	REC23		REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
LINK	#	10	330	65		20	340	330	325	0	320	305	275	80
1	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.2	.0		.0	.1	.1	.1	.0	.1	.0	.0	.0
3	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.2	.1	.0		.0	.0	.0	.0	.0	.0	.0	.1	.0
7	*	.1	.1	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0		.0	.0	.0	.0	.1	.0	.0	.0	.0
11	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.4		.2	.0	.0	.2	.0	.0	.0	.6	.0
20	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1		.1	.0	.0	.0	.3	.3	.1	.0	.4
23	*	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0

S30 EXPM JEFF/PROS/PEARL 60.0175.0.0000.000320.30480000 S30EXPM.DAT 11 1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.
S30 EXPM	JEFFERSON	PROSPECT	PEARL	23	1 1
1		Ex ParkLot	AG191015.634302.190920.634432.	410 2.9	0. 44. 30.
2		Ex ParkLot	AG190984.634344.190941.634404.	0. 24.	2
100	73		2.0 410 29.1 1750 1 3		
0 1		Entra Park	AG191032.634315.190971.634411.	307 2.9	0. 44. 30.
1		Jeff EBL	AG191027.634306.190822.634172.	1 2.9	0. 32. 30.
2		Jeff EBL	AG190961.634263.190859.634197.	0. 12.	1
100	92		5.0 1 29.1 1770 1 3		
1		Jeff EBT	AG191034.634295.190827.634154.	970 2.9	0. 56. 30.
2		Jeff EBT	AG190998.634271.190844.634166.	0. 36.	3
0 100	61		2.0 970 29.1 1750 1 3		
0 1		Jeff EB a	AG190824.634155.190643.634041.	970 2.9	0. 56. 30.
0 1		Jeff EB dp	AG191419.634530.191210.634391.	524 2.9	0. 56. 30.
0 1		Jeff EB dp	AG191210.634391.191034.634288.	524 2.9	0. 56. 30.
0 1		Jeff WBL	AG191033.634306.191213.634414.	1 2.9	0. 32. 30.
0 2		Jeff WBL	AG191067.634326.191148.634375.	0. 12.	1
100	23		2.0 1 29.1 1770 1 3		
1		Jeff WBT	AG191016.634321.191207.634431.	922 2.9	0. 56. 30.
2		Jeff WBT	AG191055.634343.191154.634401.	0. 36.	3
100	61		2.0 922 29.1 1690 1 3		
1		Jeff WBALL	AG191214.634431.191290.634472.	922 2.9	0. 56. 30.
0 1		Jeff WBALL	AG191291.634473.191420.634557.	922 2.9	0. 44. 30.
0 1		Jeff WBdp	AG190644.634105.191015.634323.	1470 2.9	0. 56. 30.
0 1		Prosp NB	AG191041.634310.191106.633931.	417 2.9	0. 56. 30.
0 2		Prosp NB	AG191059.634206.191079.634087.	0. 36.	3
100	78		2.0 417 29.1 1750 1 3		
1		Prosp SB	AG191084.633933.191013.634293.	441 2.9	0. 44. 30.
1		Pearl NB	AG191051.634294.191421.634085.	101 2.9	0. 44. 30.
2		Pearl NB	AG191092.634272.191209.634205.	0. 24.	2
100	89		2.0 101 29.1 1750 1 3		
0 1		Pearl SBdp	AG191419.634065.191034.634282.	78 2.9	0. 44. 30.
1.0	.54	1000. 0.0Y	5 0 72		

JOB: S30 ExpM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:19:07.04

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	410.	2.9	.0	44.0	
2.	Ex ParkLot*	190984.0	634344.0	190936.3	634410.5	*	82.	324. AG	114.	100.0	.0	24.0	.51 4.2
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	307.	2.9	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	1.	2.9	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190960.6	634262.7	*	1.	237. AG	72.	100.0	.0	12.0	.06 .0
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	970.	2.9	.0	56.0	
7. 0	Jeff EBT*	190998.0	634271.0	190909.0	634210.3	*	108.	236. AG	143.	100.0	.0	36.0	.53 5.5
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	970.	2.9	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	524.	2.9	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	524.	2.9	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	1.	2.9	.0	32.0	
12.	Jeff WBL*	191067.0	634326.0	191067.1	634326.0	*	0.	55. AG	18.	100.0	.0	12.0	.00 .0
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	922.	2.9	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191143.4	634394.8	*	102.	60. AG	143.	100.0	.0	36.0	.52 5.2
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	922.	2.9	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	922.	2.9	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1470.	2.9	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	417.	2.9	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191068.8	634147.6	*	59.	170. AG	183.	100.0	.0	36.0	.44 3.0
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	441.	2.9	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	101.	2.9	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191113.1	634259.9	*	24.	120. AG	139.	100.0	.0	24.0	.41 1.2
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	78.	2.9	.0	44.0	

JOB: S30 ExpM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:19:07.04

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	100	73	2.0	410	1750	29.10	1	3
5.	Jeff EBL*	100	92	5.0	1	1770	29.10	1	3
7. 0	Jeff EBT*	100	61	2.0	970	1750	29.10	1	3
12.	Jeff WBL*	100	23	2.0	1	1770	29.10	1	3
14.	Jeff WBT*	100	61	2.0	922	1690	29.10	1	3
19.	Prosp NB*	100	78	2.0	417	1750	29.10	1	3
22.	Pearl NB*	100	89	2.0	101	1750	29.10	1	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 ExpM JEFF/PROS/PEARL

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	*	.0	.0	.1	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
6.	*	.0	.0	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
11.	*	.0	.0	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
16.	*	.0	.0	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3
21.	*	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.3
26.	*	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.3
31.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.4
36.	*	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.4
41.	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.3
46.	*	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.2	.3
51.	*	.0	.0	.0	.1	.1	.1	.0	.1	.0	.2	.0	.0	.0	.0	.1	.0	.2	.0	.1	.3
56.	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1	.2	.0	.1	.2
61.	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.2	.2	.0	.0	.0	.1	.1	.3	.0	.0	.1
66.	*	.0	.0	.0	.0	.1	.0	.0	.1	.1	.3	.3	.0	.0	.0	.2	.0	.3	.0	.0	.0
71.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.0	.0	.0	.2	.0	.3	.1	.0	.1
76.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0	.2	.1	.3	.1	.0	.1
81.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.0	.0	.0	.2	.2	.3	.2	.0	.1
86.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0	.0	.2	.2	.4	.2	.0	.1
91.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0	.0	.2	.2	.2	.2	.0	.1
96.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.1	.0	.0	.1	.2	.2	.1	.0	.0
101.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.2	.0	.0	.1	.2	.1	.1	.0	.0
106.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.5	.2	.1	.0	.2	.2	.1	.1	.0	.0
111.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.4	.2	.1	.0	.2	.2	.1	.1	.0	.0
116.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.6	.4	.2	.1	.0	.2	.2	.1	.1	.0	.0
121.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.2	.1	.0	.3	.2	.1	.1	.0	.0
126.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.4	.2	.1	.0	.3	.2	.2	.1	.0	.0
131.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.3	.1	.1	.0	.4	.1	.3	.1	.0	.0
136.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.5	.3	.1	.2	.0	.4	.1	.3	.1	.0	.0
141.	*	.0	.0	.0	.1	.0	.0	.0	.1	.1	.6	.2	.1	.1	.0	.3	.1	.3	.1	.0	.0
146.	*	.0	.0	.0	.1	.0	.0	.0	.1	.1	.6	.2	.1	.1	.0	.3	.1	.4	.1	.0	.0
151.	*	.0	.0	.0	.1	.0	.0	.0	.1	.1	.6	.2	.0	.2	.0	.3	.1	.4	.1	.0	.0
156.	*	.0	.0	.0	.2	.0	.0	.0	.1	.1	.6	.2	.0	.2	.0	.3	.1	.3	.1	.0	.0
161.	*	.0	.0	.0	.2	.0	.0	.0	.1	.1	.6	.2	.1	.3	.0	.2	.1	.3	.1	.0	.0
166.	*	.0	.0	.0	.2	.0	.0	.0	.1	.1	.5	.2	.1	.3	.0	.2	.1	.3	.1	.0	.0
171.	*	.0	.0	.0	.3	.0	.0	.0	.1	.1	.5	.2	.1	.2	.0	.2	.1	.3	.1	.0	.0
176.	*	.0	.0	.0	.4	.0	.0	.0	.1	.1	.5	.2	.3	.2	.0	.2	.1	.3	.1	.0	.0
181.	*	.0	.0	.0	.4	.0	.0	.0	.1	.1	.7	.2	.3	.2	.0	.1	.1	.3	.1	.0	.0
186.	*	.0	.0	.0	.4	.0	.0	.0	.1	.2	.7	.3	.3	.2	.0	.1	.1	.3	.0	.0	.0
191.	*	.0	.0	.0	.4	.0	.0	.0	.1	.2	.7	.2	.3	.0	.0	.1	.1	.4	.0	.0	.0
196.	*	.0	.0	.0	.3	.1	.0	.0	.1	.2	.7	.4	.4	.0	.0	.1	.1	.3	.0	.0	.0
201.	*	.0	.0	.1	.3	.2	.0	.0	.2	.3	.6	.4	.4	.0	.0	.1	.1	.2	.0	.0	.0
206.	*	.0	.0	.1	.3	.2	.0	.0	.2	.3	.7	.3	.4	.0	.0	.1	.1	.2	.0	.0	.0

1

JOB: S30 ExpM JEFF/PROS/PEARL

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.0	.1	.2	.2	.0	.0	.2	.4	.7	.4	.4	.0	.0	.1	.1	.1	.0	.0	.0
216.	*	.0	.0	.1	.2	.2	.1	.0	.2	.4	.6	.4	.3	.0	.0	.1	.1	.1	.0	.0	.0
221.	*	.0	.0	.1	.2	.2	.1	.0	.2	.5	.7	.3	.3	.0	.0	.1	.1	.1	.0	.0	.0
226.	*	.0	.0	.1	.0	.1	.0	.0	.1	.5	.7	.3	.3	.0	.0	.1	.1	.1	.0	.0	.0
231.	*	.0	.1	.1	.1	.2	.0	.0	.1	.6	.6	.3	.3	.0	.0	.1	.0	.1	.0	.0	.0
236.	*	.0	.1	.2	.1	.2	.2	.1	.1	.6	.5	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0
241.	*	.0	.1	.2	.2	.3	.2	.1	.1	.4	.4	.2	.2	.0	.0	.0	.0	.1	.0	.0	.1
246.	*	.0	.1	.3	.3	.3	.4	.1	.1	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1
251.	*	.0	.1	.2	.4	.3	.4	.1	.1	.2	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1
256.	*	.0	.1	.3	.3	.3	.2	.1	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1
261.	*	.0	.1	.4	.3	.4	.4	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1
266.	*	.0	.2	.4	.2	.3	.4	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2
271.	*	.0	.1	.4	.2	.3	.4	.2	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2
276.	*	.0	.1	.4	.1	.5	.4	.2	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2
281.	*	.0	.1	.3	.2	.5	.4	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2
286.	*	.0	.2	.1	.1	.5	.4	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2
291.	*	.0	.1	.1	.1	.6	.3	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
296.	*	.0	.1	.1	.1	.5	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
301.	*	.0	.0	.2	.1	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
306.	*	.0	.1	.1	.2	.4	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2
311.	*	.0	.1	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
316.	*	.0	.1	.1	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
321.	*	.0	.1	.1	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
326.	*	.0	.1	.2	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
331.	*	.0	.1	.2	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
336.	*	.0	.1	.2	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
341.	*	.0	.1	.2	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2
346.	*	.0	.1	.1	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2
351.	*	.0	.0	.1	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2
356.	*	.0	.0	.1	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2
361.	*	.0	.0	.1	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2
MAX	*	.0	.2	.4	.4	.6	.4	.2	.2	.6	.7	.5	.4	.3	.0	.4	.2	.4	.2	.2	.4
DEGR.	*	0	265	260	5	290	245	270	200	230	180	80	195	160	0	130	80	85	80	0	30

1

JOB: S30 ExpM JEFF/PROS/PEARL

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .7 .4 .1 .2 .2 .0 .2 .2 .0 .0 .2 .1
6. * .7 .2 .1 .3 .2 .0 .2 .2 .0 .0 .2 .2
11. * .7 .2 .2 .4 .1 .0 .0 .1 .0 .0 .2 .2
16. * .6 .3 .2 .4 .1 .0 .0 .0 .0 .0 .2 .2
21. * .5 .3 .2 .3 .1 .0 .0 .0 .0 .0 .2 .1
26. * .5 .2 .3 .3 .1 .0 .0 .0 .0 .0 .0 .2
31. * .5 .1 .3 .3 .1 .0 .0 .0 .0 .0 .0 .2
36. * .4 .1 .2 .3 .0 .0 .0 .0 .0 .0 .0 .2
41. * .4 .1 .2 .1 .0 .0 .0 .0 .0 .0 .0 .2
46. * .3 .1 .2 .1 .0 .0 .0 .0 .0 .0 .0 .2
51. * .3 .1 .2 .1 .0 .0 .0 .0 .0 .0 .0 .2
56. * .0 .0 .3 .0 .0 .0 .0 .0 .0 .0 .0 .2
61. * .0 .0 .3 .0 .0 .0 .0 .0 .0 .0 .0 .2
66. * .0 .0 .3 .0 .0 .0 .0 .0 .0 .0 .0 .2
71. * .0 .0 .4 .0 .0 .0 .0 .0 .0 .0 .0 .2
76. * .1 .0 .4 .0 .0 .0 .0 .0 .0 .0 .0 .1
81. * .1 .0 .4 .0 .0 .0 .0 .0 .0 .0 .0 .1
86. * .1 .1 .4 .0 .0 .0 .0 .0 .0 .0 .0 .1
91. * .1 .1 .4 .0 .0 .0 .0 .0 .0 .0 .0 .1
96. * .1 .1 .4 .0 .0 .0 .0 .0 .0 .0 .0 .0
101. * .1 .2 .4 .0 .0 .0 .0 .0 .0 .0 .0 .0
106. * .1 .2 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0
111. * .1 .2 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0
116. * .1 .2 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0
121. * .1 .3 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0
126. * .0 .2 .3 .1 .0 .0 .0 .0 .0 .0 .0 .0
131. * .0 .2 .3 .1 .0 .0 .0 .0 .0 .0 .0 .0
136. * .0 .3 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0
141. * .0 .3 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0
146. * .0 .2 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
151. * .0 .2 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1
156. * .0 .2 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1
161. * .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .3
166. * .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .3
171. * .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .0 .4
176. * .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .2 .4
181. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .3 .4
186. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .3 .5
191. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .3 .4
196. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .4 .4
201. * .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .4 .3
206. * .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .4 .3

```

1

JOB: S30 ExpM JEFF/PROS/PEARL

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .1 .0 .0 .4 .2
216. * .0 .0 .0 .0 .0 .0 .2 .0 .0 .4 .1
221. * .0 .0 .0 .0 .0 .0 .2 .0 .0 .4 .1
226. * .0 .0 .0 .0 .0 .0 .2 .0 .0 .5 .1
231. * .0 .0 .0 .0 .0 .0 .3 .0 .0 .5 .0
236. * .0 .0 .0 .0 .0 .0 .3 .0 .0 .5 .0
241. * .0 .0 .0 .0 .0 .0 .3 .0 .0 .5 .0
246. * .1 .2 .0 .0 .0 .0 .3 .0 .0 .6 .1
251. * .1 .3 .0 .0 .0 .0 .3 .1 .0 .6 .1
256. * .2 .3 .0 .0 .0 .0 .2 .1 .0 .6 .3
261. * .2 .4 .0 .0 .0 .0 .3 .1 .0 .6 .4
266. * .2 .4 .0 .0 .0 .0 .3 .1 .0 .6 .4
271. * .3 .5 .1 .0 .0 .0 .3 .1 .0 .6 .4
276. * .3 .5 .1 .0 .0 .0 .3 .2 .0 .7 .4
281. * .3 .5 .2 .0 .0 .0 .3 .2 .0 .7 .4
286. * .3 .5 .2 .0 .0 .0 .2 .2 .0 .6 .4
291. * .4 .5 .2 .0 .0 .0 .1 .2 .0 .6 .3
296. * .4 .5 .2 .0 .0 .0 .1 .2 .0 .6 .3
301. * .4 .5 .3 .0 .0 .0 .2 .1 .0 .6 .3
306. * .5 .5 .3 .0 .0 .0 .2 .0 .0 .6 .2
311. * .5 .5 .3 .1 .0 .0 .3 .0 .0 .5 .2
316. * .5 .5 .3 .1 .0 .0 .4 .0 .0 .6 .2
321. * .5 .5 .3 .1 .0 .1 .4 .1 .0 .6 .1
326. * .5 .5 .3 .1 .0 .1 .4 .1 .1 .4 .1
331. * .6 .5 .3 .1 .0 .1 .5 .2 .1 .4 .1
336. * .6 .6 .3 .1 .0 .1 .4 .2 .1 .3 .0
341. * .6 .6 .2 .1 .0 .2 .4 .2 .1 .3 .0
346. * .6 .6 .3 .2 .1 .2 .3 .2 .1 .2 .1
351. * .6 .5 .2 .3 .1 .1 .3 .2 .1 .2 .1
356. * .7 .5 .2 .2 .2 .0 .2 .2 .0 .2 .1
361. * .7 .4 .1 .2 .2 .0 .2 .2 .0 .2 .1

```

```

MAX * .7 .6 .4 .4 .2 .2 .5 .3 .2 .0 .7 .5
DEGR. * 0 335 70 10 0 340 330 230 275 0 275 185

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 180 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 0 DEGREES FROM REC21.
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 275 DEGREES FROM REC31.

1

JOB: S30 ExpM JEFF/PROS/PEARL
 DATE: 12/15/2006 TIME: 10:19:07.04

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

		S30EXPM.OUT																				
LINK	#	*	0	265	260	5	290	245	270	200	230	180	80	195	160	0	130	80	85	80	0	30
1	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.0	.0	.0
3	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	*	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.2	.1	.0	.1	.0	.2
8	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
9	*	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	*	.0	.0	.0	.2	.3	.1	.0	.0	.3	.5	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
15	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	*	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
18	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 EXPM JEFF/PROS/PEARL
DATE: 12/15/2006 TIME: 10:19:07.04

RUN: S30 EXPM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
LINK #	*	REC21 0	REC22 335	REC23 70	REC24 10	REC25 0	REC26 340	REC27 330	REC28 230	REC29 275	REC30 0	REC31 275	REC32 185
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
19	*	.0	.0	.4	.2	.1	.1	.3	.3	.1	.0	.6	.4
20	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30NB15A.DAT

S30	NB15AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2		SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4		SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	NB15AM	JEFFERSON PROSPECT PEARL	23	1	1

1		Ex ParkLotAG191015.634302.190920.634432.	525	2.9	0. 44. 30.
2		Ex ParkLotAG190984.634344.190941.634404.	0. 24. 2		
140	114	4.0 525 32.2 1612 3 3			
0	1	Entra ParkAG191032.634315.190971.634411.	825	2.9	0. 44. 30.
1		Jeff EBL AG191027.634306.190822.634172.	550	2.9	0. 32. 30.
2		Jeff EBL AG190961.634263.190859.634197.	0. 12. 1		
140	87	4.0 550 32.2 1770 3 3			
1		Jeff EBT AG191034.634295.190827.634154.	1975	2.9	0. 56. 30.
2		Jeff EBT AG190999.634272.190850.634170.	0. 36. 3		
140	59	4.0 1975 32.2 1707 3 3			
0	1	Jeff EB aLAG190824.634155.190643.634041.	2525	2.9	0. 56. 30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	1300	2.9	0. 56. 30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	1300	2.9	0. 56. 30.
0	1	Jeff WBL AG191033.634306.191213.634414.	25	2.9	0. 12. 30.
0	2	Jeff WBL AG191067.634326.191148.634375.	0. 12. 1		
140	132	4.0 25 32.2 1770 3 3			
1		Jeff WBT AG191016.634321.191207.634431.	900	2.9	0. 56. 30.
2		Jeff WBT AG191055.634343.191154.634401.	0. 36. 3		
140	106	4.0 900 32.2 1688 3 3			
1		Jeff WBALLAG191214.634431.191290.634472.	925	2.9	0. 56. 30.
0	1	Jeff WBALLAG191291.634473.191420.634557.	925	2.9	0. 44. 30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1600	2.9	0. 56. 30.
0	1	Prosp NB AG191041.634310.191106.633931.	500	2.9	0. 56. 30.
0	2	Prosp NB AG191059.634206.191079.634087.	0. 36. 3		
140	114	4.0 500 32.2 1612 3 3			
1		Prosp SB dAG191084.633933.191013.634293.	900	2.9	0. 44. 30.
1		Pearl NB AG191051.634294.191421.634085.	150	2.9	0. 44. 30.
2		Pearl NB AG191092.634272.191209.634205.	0. 24. 2		
140	129	5.0 150 32.2 1749 3 3			
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.9	0. 44. 30.
1.0	.54	1000. 0.0Y 5 0 72			

JOB: S30 NB15AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:21:47.24

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	525.	2.9	.0	44.0	
2.	Ex ParkLot*	190984.0	634344.0	190656.5	634801.1	*	562.	324. AG	141.	100.0	.0	24.0	1.14 28.6
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	825.	2.9	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	550.	2.9	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190698.4	634093.2	*	313.	237. AG	54.	100.0	.0	12.0	.93 15.9
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	1975.	2.9	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	190823.9	634152.1	*	212.	236. AG	109.	100.0	.0	36.0	.72 10.8
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	2525.	2.9	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	1300.	2.9	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	1300.	2.9	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.9	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191103.4	634348.0	*	43.	59. AG	81.	100.0	.0	12.0	1.00 2.2
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	900.	2.9	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191232.7	634447.1	*	206.	60. AG	196.	100.0	.0	36.0	.89 10.5
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	925.	2.9	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	925.	2.9	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1600.	2.9	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	500.	2.9	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191076.9	634099.3	*	108.	170. AG	211.	100.0	.0	36.0	.72 5.5
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	900.	2.9	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	150.	2.9	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191405.4	634092.5	*	361.	120. AG	159.	100.0	.0	24.0	1.53 18.3
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.9	.0	44.0	

JOB: S30 NB15AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:21:47.24

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	140	114	4.0	525	1612	32.20	3	3
5.	Jeff EBL*	140	87	4.0	550	1770	32.20	3	3
7.	Jeff EBT*	140	59	4.0	1975	1707	32.20	3	3
12.	Jeff WBL*	140	132	4.0	25	1770	32.20	3	3
14.	Jeff WBT*	140	106	4.0	900	1688	32.20	3	3
19.	Prosp NB*	140	114	4.0	500	1612	32.20	3	3
22.	Pearl NB*	140	129	5.0	150	1749	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 NB15AM JEFF/PROS/PEARL

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	.0	.1	.3	.7	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.3	.8
6.	.0	.1	.3	.7	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.4	.8
11.	.0	.1	.3	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.4	.8
16.	.0	.1	.3	.6	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.4	.8
21.	.0	.0	.3	.6	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.5	.8
26.	.0	.0	.1	.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
31.	.0	.0	.1	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.7
36.	.0	.0	.1	.5	.5	.2	.1	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
41.	.0	.0	.1	.4	.5	.2	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.3	.1	.5	.7
46.	.0	.0	.0	.4	.5	.2	.1	.1	.1	.2	.1	.0	.0	.0	.2	.1	.3	.1	.6	.5
51.	.0	.0	.0	.3	.3	.2	.1	.1	.2	.3	.1	.0	.0	.0	.2	.1	.4	.1	.6	.5
56.	.0	.0	.0	.2	.3	.2	.1	.1	.3	.5	.2	.0	.0	.0	.3	.2	.3	.1	.4	.3
61.	.0	.0	.0	.1	.2	.1	.1	.1	.4	.6	.4	.0	.0	.0	.2	.2	.4	.2	.2	.4
66.	.0	.0	.0	.1	.2	.1	.0	.1	.6	.7	.5	.1	.0	.0	.3	.2	.4	.1	.2	.3
71.	.0	.0	.0	.1	.1	.1	.0	.1	.7	1.0	.6	.1	.0	.0	.3	.1	.6	.2	.2	.2
76.	.0	.0	.0	.0	.1	.1	.0	.1	.9	1.0	.7	.1	.0	.0	.3	.2	.5	.3	.1	.2
81.	.0	.0	.0	.0	.1	.0	.0	.1	.9	1.0	.7	.2	.0	.0	.3	.2	.6	.3	.1	.2
86.	.0	.0	.0	.0	.1	.0	.0	.1	.9	1.0	.8	.2	.1	.0	.2	.5	.6	.4	.0	.2
91.	.0	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.8	.3	.1	.0	.3	.4	.4	.4	.0	.2
96.	.0	.1	.0	.0	.0	.0	.0	.1	.9	1.0	.8	.3	.1	.0	.3	.4	.4	.4	.0	.2
101.	.0	.1	.0	.0	.0	.0	.0	.2	.9	1.0	.8	.3	.1	.0	.3	.5	.4	.2	.0	.1
106.	.0	.2	.1	.1	.0	.0	.0	.2	.9	.9	.8	.3	.2	.0	.3	.5	.3	.2	.0	.1
111.	.0	.3	.2	.2	.0	.0	.0	.2	.9	.9	.9	.3	.2	.0	.4	.5	.4	.2	.0	.0
116.	.0	.5	.3	.3	.0	.0	.0	.2	.9	.9	.8	.4	.2	.0	.5	.4	.4	.2	.0	.0
121.	.0	.6	.4	.4	.1	.0	.0	.2	.8	.8	.9	.3	.2	.1	.5	.5	.4	.2	.0	.0
126.	.0	.7	.5	.5	.1	.0	.0	.2	.8	.9	.9	.3	.2	.1	.5	.5	.4	.2	.0	.0
131.	.0	.8	.5	.5	.1	.0	.0	.2	.7	.9	.8	.4	.3	.1	.4	.3	.5	.2	.0	.0
136.	.0	.8	.6	.6	.2	.0	.0	.2	.7	.9	.8	.4	.3	.3	.4	.3	.5	.2	.0	.0
141.	.0	.8	.6	.6	.2	.1	.0	.2	.9	1.0	.6	.4	.4	.3	.4	.3	.5	.2	.0	.0
146.	.0	.8	.6	.6	.2	.1	.0	.2	1.0	1.0	.5	.3	.4	.2	.4	.3	.5	.2	.0	.0
151.	.0	.7	.6	.5	.2	.1	.0	.2	1.0	1.0	.5	.4	.4	.2	.3	.3	.5	.2	.0	.0
156.	.0	.7	.5	.5	.2	.1	.0	.2	1.0	1.0	.5	.3	.6	.3	.4	.3	.6	.2	.0	.0
161.	.0	.7	.5	.5	.2	.1	.0	.2	.9	1.0	.4	.2	.7	.3	.4	.3	.5	.2	.0	.0
166.	.0	.6	.5	.5	.2	.2	.0	.2	.9	1.0	.3	.2	.7	.3	.4	.3	.4	.2	.0	.0
171.	.0	.6	.5	.5	.2	.2	.0	.2	.9	1.1	.5	.4	.7	.3	.4	.4	.4	.2	.0	.0
176.	.0	.6	.5	.5	.2	.2	.0	.2	.9	1.1	.5	.6	.7	.3	.4	.3	.4	.2	.0	.0
181.	.0	.6	.5	.6	.2	.1	.0	.3	1.0	1.1	.5	.5	.8	.3	.4	.3	.5	.2	.0	.0
186.	.0	.5	.4	.6	.3	.1	.1	.3	1.1	1.2	.5	.5	.7	.3	.4	.3	.5	.1	.0	.0
191.	.0	.5	.5	.5	.3	.1	.1	.3	1.1	1.1	.7	.6	.7	.3	.4	.3	.5	.0	.0	.0
196.	.0	.5	.5	.5	.3	.1	.1	.3	1.2	1.1	.5	.6	.6	.3	.4	.2	.5	.0	.0	.0
201.	.0	.5	.6	.4	.3	.2	.1	.3	1.2	1.1	.5	.6	.5	.3	.4	.2	.5	.0	.0	.0
206.	.0	.6	.6	.4	.4	.2	.1	.3	1.2	1.1	.4	.6	.4	.3	.4	.2	.4	.0	.0	.0

1

JOB: S30 NB15AM JEFF/PROS/PEARL

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	.1	.6	.6	.2	.4	.2	.1	.3	1.1	1.1	.5	.7	.4	.3	.3	.2	.5	.0	.0	.0
216.	.1	.6	.6	.2	.3	.3	.1	.4	1.0	.9	.5	.6	.4	.3	.2	.2	.6	.0	.0	.0
221.	.2	.6	.6	.2	.3	.3	.2	.4	1.3	1.0	.7	.6	.4	.3	.2	.1	.5	.0	.0	.0
226.	.2	.6	.6	.0	.3	.3	.2	.3	1.2	.9	.6	.5	.4	.3	.2	.1	.3	.0	.0	.0
231.	.3	.7	.6	.2	.4	.3	.3	.4	1.1	.8	.7	.5	.4	.3	.1	.0	.1	.0	.0	.1
236.	.3	.7	.5	.3	.3	.3	.2	.4	1.0	.7	.5	.4	.4	.3	.1	.0	.1	.0	.0	.1
241.	.4	.8	.7	.3	.5	.4	.3	.3	.8	.5	.3	.4	.4	.3	.0	.0	.1	.0	.0	.2
246.	.4	.8	.8	.6	.5	.6	.4	.3	.6	.5	.3	.4	.4	.3	.0	.0	.0	.0	.0	.2
251.	.4	.8	.7	.6	.5	.6	.4	.2	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.2
256.	.5	.8	.7	.5	.7	.5	.4	.3	.3	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.3
261.	.5	.9	.7	.4	.7	.6	.4	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.4
266.	.6	1.0	.7	.4	.5	.7	.4	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.5
271.	.7	1.0	.6	.4	.7	.7	.5	.1	.1	.1	.3	.4	.4	.3	.0	.0	.0	.0	.1	.6
276.	.7	.9	.6	.3	.7	.8	.4	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.6
281.	.8	.9	.4	.3	.7	.8	.3	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.6
286.	.8	.7	.4	.3	.7	.7	.3	.0	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.5
291.	.6	.7	.3	.2	.8	.7	.2	.0	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.6
296.	.6	.6	.3	.3	.8	.7	.2	.0	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.6
301.	.5	.6	.3	.4	.8	.7	.2	.0	.1	.2	.4	.3	.6	.3	.0	.0	.0	.0	.1	.6
306.	.5	.5	.4	.4	.8	.7	.2	.0	.1	.2	.4	.4	.6	.3	.0	.0	.0	.0	.1	.6
311.	.4	.4	.4	.5	.7	.7	.2	.0	.1	.1	.4	.3	.6	.2	.0	.0	.0	.0	.2	.6
316.	.2	.3	.5	.7	.7	.6	.2	.0	.0	.1	.4	.3	.5	.2	.0	.0	.1	.0	.2	.7
321.	.2	.3	.4	.7	.7	.6	.2	.0	.0	.1	.2	.2	.5	.1	.0	.0	.2	.0	.2	.7
326.	.1	.4	.4	.7	.6	.6	.2	.0	.0	.0	.2	.2	.4	.1	.0	.0	.2	.0	.2	.7
331.	.1	.2	.3	.7	.6	.6	.2	.0	.0	.0	.1	.3	.0	.1	.0	.0	.3	.0	.2	.7
336.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.1	.2	.0	.1	.0	.3	.0	.2	.7
341.	.0	.2	.3	.6	.6	.5	.2	.0	.0	.0	.0	.0	.1	.0	.2	.0	.4	.0	.2	.8
346.	.0	.2	.3	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.0	.3	.8
351.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.0	.3	.8
356.	.0	.2	.3	.7	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.0	.3	.8
361.	.0	.1	.3	.7	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.0	.3	.8
MAX	.8	1.0	.8	.7	.8	.8	.5	.4	1.3	1.2	.9	.7	.8	.3	.5	.5	.6	.4	.6	.8
DEGR.	280	265	245	0	290	275	270	215	220	185	110	210	180	135	115	85	70	85	25	0

1

JOB: S30 NB15AM JEFF/PROS/PEARL

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
1. * .8 .5 .2 .4 .4 .3 .5 .6 .4 .3 .3 .3
6. * .7 .5 .3 .4 .5 .2 .4 .6 .4 .3 .3 .3
11. * .7 .4 .2 .5 .5 .2 .3 .6 .4 .2 .3 .4
16. * .7 .4 .2 .7 .5 .1 .3 .5 .4 .2 .4 .4
21. * .6 .3 .4 .7 .4 .1 .3 .5 .3 .2 .4 .4
26. * .6 .4 .5 .8 .2 .1 .2 .4 .3 .1 .3 .5
31. * .5 .5 .6 .8 .2 .1 .1 .4 .3 .1 .3 .5
36. * .5 .5 .5 .8 .2 .1 .1 .4 .3 .1 .3 .4
41. * .5 .5 .5 .7 .2 .1 .1 .3 .3 .0 .2 .5
46. * .5 .4 .5 .7 .2 .1 .1 .3 .3 .0 .2 .4
51. * .4 .5 .5 .7 .2 .1 .1 .3 .3 .0 .2 .4
56. * .3 .4 .6 .6 .2 .1 .1 .3 .3 .0 .2 .3
61. * .3 .3 .7 .6 .2 .0 .1 .3 .3 .0 .2 .3
66. * .1 .2 .7 .6 .1 .0 .1 .4 .3 .0 .2 .3
71. * .2 .3 .7 .5 .1 .0 .2 .4 .4 .0 .2 .4
76. * .2 .3 .8 .5 .1 .0 .1 .4 .4 .0 .2 .4
81. * .3 .3 .8 .4 .1 .0 .1 .4 .4 .0 .2 .4
86. * .3 .4 .8 .4 .1 .0 .1 .4 .4 .0 .2 .4
91. * .4 .4 .8 .3 .0 .0 .1 .4 .4 .0 .2 .4
96. * .3 .4 .8 .3 .0 .0 .1 .4 .4 .0 .2 .5
101. * .3 .5 .7 .2 .0 .0 .0 .4 .4 .0 .2 .5
106. * .3 .5 .7 .1 .0 .0 .0 .4 .3 .0 .1 .4
111. * .3 .5 .7 .1 .0 .0 .0 .3 .3 .0 .1 .4
116. * .2 .5 .6 .1 .0 .0 .0 .3 .2 .0 .1 .3
121. * .2 .4 .6 .1 .0 .0 .0 .2 .1 .0 .0 .2
126. * .1 .5 .6 .1 .0 .0 .0 .1 .1 .0 .0 .1
131. * .1 .5 .6 .1 .0 .0 .0 .1 .0 .0 .0 .1
136. * .1 .5 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
141. * .0 .4 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
146. * .0 .4 .4 .1 .0 .0 .0 .0 .0 .0 .0 .1
151. * .0 .3 .4 .1 .0 .0 .0 .0 .0 .0 .0 .1
156. * .0 .3 .4 .1 .0 .0 .0 .0 .0 .0 .1 .2
161. * .0 .2 .3 .1 .0 .0 .0 .0 .0 .0 .1 .4
166. * .0 .2 .3 .1 .0 .0 .1 .0 .0 .0 .3 .5
171. * .0 .1 .1 .1 .0 .0 .1 .0 .0 .0 .4 .5
176. * .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .5 .6
181. * .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .6 .7
186. * .0 .0 .1 .0 .0 .0 .1 .1 .0 .0 .8 .7
191. * .0 .0 .1 .0 .0 .0 .2 .1 .0 .0 .9 .7
196. * .0 .0 .0 .0 .0 .0 .2 .2 .0 .0 .9 .6
201. * .0 .0 .0 .0 .0 .0 .2 .2 .0 .0 .9 .5
206. * .0 .0 .0 .0 .0 .0 .2 .3 .0 .0 1.0 .5

```

1

JOB: S30 NB15AM JEFF/PROS/PEARL

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
211. * .0 .0 .0 .0 .0 .0 .2 .3 .0 .0 1.0 .4
216. * .0 .0 .0 .0 .0 .0 .3 .4 .0 .0 1.0 .3
221. * .0 .0 .0 .0 .0 .0 .3 .4 .0 .0 .9 .3
226. * .0 .0 .0 .0 .0 .0 .3 .4 .1 .0 .9 .2
231. * .1 .0 .0 .0 .0 .0 .2 .4 .1 .0 .8 .1
236. * .3 .3 .0 .0 .0 .0 .2 .4 .1 .0 .8 .1
241. * .3 .3 .0 .0 .0 .0 .2 .4 .2 .0 .7 .3
246. * .3 .5 .0 .0 .0 .0 .3 .3 .2 .0 .7 .3
251. * .6 .6 .1 .0 .0 .0 .3 .3 .2 .0 .8 .6
256. * .7 .7 .2 .0 .0 .0 .4 .4 .2 .0 .8 .6
261. * .8 .7 .2 .0 .0 .0 .5 .4 .2 .0 .9 .6
266. * .7 .7 .4 .1 .0 .0 .5 .5 .3 .0 .9 .6
271. * .7 .7 .4 .1 .0 .0 .6 .4 .3 .0 1.0 .6
276. * .7 .7 .4 .1 .0 .0 .6 .4 .3 .0 1.0 .5
281. * .7 .7 .4 .1 .0 .0 .8 .4 .4 .1 1.0 .5
286. * .7 .7 .5 .1 .0 .1 .8 .3 .3 .2 1.0 .4
291. * .7 .7 .4 .1 .0 .1 .8 .3 .3 .2 1.0 .4
296. * .7 .7 .4 .1 .0 .1 1.0 .3 .2 .3 1.1 .4
301. * .7 .6 .4 .2 .0 .1 1.1 .3 .2 .3 1.1 .5
306. * .7 .6 .4 .2 .0 .1 1.2 .2 .2 .4 .9 .3
311. * .7 .5 .3 .2 .0 .2 1.2 .1 .3 .6 1.0 .5
316. * .7 .5 .3 .2 .0 .2 1.3 .3 .3 .6 1.0 .5
321. * .7 .5 .4 .2 .0 .3 1.4 .3 .5 .6 .9 .4
326. * .8 .7 .4 .3 .1 .4 1.3 .4 .5 .6 .8 .5
331. * .8 .6 .6 .3 .2 .4 1.2 .4 .5 .5 .6 .4
336. * .8 .6 .6 .4 .3 .4 1.0 .5 .5 .5 .5 .3
341. * .8 .6 .6 .4 .2 .4 1.0 .4 .5 .4 .5 .4
346. * .9 .6 .4 .4 .3 .3 1.0 .6 .5 .4 .5 .3
351. * .9 .6 .4 .3 .3 .3 .7 .6 .4 .3 .3 .2
356. * .9 .5 .3 .3 .3 .4 .7 .6 .4 .3 .3 .3
361. * .8 .5 .2 .4 .4 .3 .5 .6 .4 .3 .3 .3
MAX * .9 .7 .8 .8 .5 .4 1.4 .6 .5 .6 1.1 .7
DEGR. * 345 255 75 25 5 325 320 0 320 310 295 180

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 320 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 220 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 185 DEGREES FROM REC10.

1

JOB: S30 NB15AM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:21:47.24

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```


		S30NB15A.OUT																				
LINK	#	*	280	265	245	0	290	275	270	215	220	185	110	210	180	135	115	85	70	85	25	0
1	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*		.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.3	.5	.1	.0	.0	.2	.0	.1	.1
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
6	*		.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.0	.2
7	*		.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.0	.3
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
9	*		.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*		.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*		.0	.0	.0	.4	.4	.4	.1	.1	.9	.7	.5	.0	.0	.1	.0	.1	.3	.0	.0	.0
15	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.1	.1	.1
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*		.7	.7	.5	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.1	.0	.1	.0	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 NB15AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:21:47.24

RUN: S30 NB15AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
LINK #	*	REC21 345	REC22 255	REC23 75	REC24 25	REC25 5	REC26 325	REC27 320	REC28 0	REC29 320	REC30 310	REC31 295	REC32 180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0
7	*	.3	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0
8	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
18	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.5	.5	.1	.1	.9	.0	.0	.6	.5	.5
20	*	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.2	.1	.0	.0	.0	.3	.3	.4	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30NB15P.DAT

S30	NB15PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	NB15PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	600	2.9	0.	44.	30.
2	Ex ParkLotAG190984.634344.190941.634404.	0.	24.	2		
110	89 4.0 600 32.2 1623 3 3					
0	Entra ParkAG191032.634315.190971.634411.	675	2.9	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	250	2.9	0.	32.	30.
2	Jeff EBL AG190961.634263.190859.634197.	0.	12.	1		
110	87 4.0 250 32.2 1770 3 3					
1	Jeff EBT AG191034.634295.190827.634154.	500	2.9	0.	56.	30.
2	Jeff EBT AG190999.634272.190850.634170.	0.	36.	3		
110	75 4.0 500 32.2 1707 3 3					
0	Jeff EB aLAG190824.634155.190643.634041.	750	2.9	0.	56.	30.
1	Jeff EB dpAG191419.634530.191210.634391.	425	2.9	0.	56.	30.
0	Jeff EB dpAG191210.634391.191034.634288.	425	2.9	0.	56.	30.
0	Jeff WBL AG191033.634306.191213.634414.	100	2.9	0.	12.	30.
1	Jeff WBL AG191067.634326.191148.634375.	0.	12.	1		
110	87 4.0 100 32.2 1770 3 3					
1	Jeff WBT AG191016.634321.191207.634431.	800	2.9	0.	56.	30.
2	Jeff WBT AG191055.634343.191154.634401.	0.	36.	3		
110	86 4.0 800 32.2 1671 3 3					
1	Jeff WBALLAG191214.634431.191290.634472.	900	2.9	0.	56.	30.
0	Jeff WBALLAG191291.634473.191420.634557.	900	2.9	0.	44.	30.
0	Jeff WBdp AG190644.634105.191015.634323.	1300	2.9	0.	56.	30.
0	Prosp NB AG191041.634310.191106.633931.	675	2.9	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.	0.	36.	3		
110	89 4.0 675 32.2 1623 3 3					
1	Prosp SB dAG191084.633933.191013.634293.	575	2.9	0.	44.	30.
1	Pearl NB AG191051.634294.191421.634085.	200	2.9	0.	44.	30.
2	Pearl NB AG191092.634272.191209.634205.	0.	24.	2		
110	89 4.0 200 32.2 1695 3 3					
0	Pearl SBdpAG191419.634065.191034.634282.	100	2.9	0.	44.	30.
1.0	.54 1000. 0.0Y 5 0 72					

JOB: S30 NB15PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:24:11.31

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	600.	2.9	.0	44.0	
2.	Ex ParkLot*	190984.0	634344.0	190388.8	635174.7	*	1022.	324. AG	140.	100.0	.0	24.0	1.36 51.9
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	675.	2.9	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	250.	2.9	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190827.7	634176.8	*	159.	237. AG	68.	100.0	.0	12.0	.92 8.1
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	500.	2.9	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	190942.8	634233.6	*	68.	236. AG	177.	100.0	.0	36.0	.37 3.5
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	750.	2.9	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	425.	2.9	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	425.	2.9	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	100.	2.9	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191107.7	634350.6	*	48.	59. AG	68.	100.0	.0	12.0	.37 2.4
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	800.	2.9	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191219.4	634439.3	*	191.	60. AG	203.	100.0	.0	36.0	.97 9.7
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	900.	2.9	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	900.	2.9	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1300.	2.9	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	675.	2.9	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191095.9	633986.4	*	223.	170. AG	210.	100.0	.0	36.0	1.02 11.3
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	575.	2.9	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	200.	2.9	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191134.2	634247.8	*	49.	120. AG	140.	100.0	.0	24.0	.43 2.5
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	100.	2.9	.0	44.0	

JOB: S30 NB15PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:24:11.31

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	110	89	4.0	600	1623	32.20	3	3
5.	Jeff EBL*	110	87	4.0	250	1770	32.20	3	3
7.	Jeff EBT*	110	75	4.0	500	1707	32.20	3	3
12.	Jeff WBL*	110	87	4.0	100	1770	32.20	3	3
14.	Jeff WBT*	110	86	4.0	800	1671	32.20	3	3
19.	Prosp NB*	110	89	4.0	675	1623	32.20	3	3
22.	Pearl NB*	110	89	4.0	200	1695	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 NB15PM JEFF/PROS/PEARL

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																				
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
1.	*	.0	.1	.2	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3	
6.	*	.0	.1	.2	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3	
11.	*	.0	.1	.2	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3	
16.	*	.0	.0	.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.4	
21.	*	.0	.0	.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.4	
26.	*	.0	.0	.1	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.5	
31.	*	.0	.0	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.4	
36.	*	.0	.0	.1	.4	.4	.1	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.5	
41.	*	.0	.0	.0	.3	.3	.1	.0	.0	.1	.1	.0	.0	.0	.2	.1	.3	.1	.2	.4	
46.	*	.0	.0	.0	.2	.1	.1	.0	.1	.1	.2	.1	.0	.0	.2	.1	.3	.1	.2	.3	
51.	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.3	.1	.0	.0	.2	.1	.4	.1	.2	.2	
56.	*	.0	.0	.0	.1	.1	.1	.0	.1	.2	.5	.2	.0	.0	.3	.2	.3	.1	.0	.2	
61.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.6	.4	.0	.0	.2	.2	.4	.2	.0	.2	
66.	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.7	.5	.0	.0	.2	.2	.4	.1	.1	.1	
71.	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.8	.6	.1	.0	.3	.1	.5	.1	.1	.1	
76.	*	.0	.0	.0	.0	.0	.0	.0	.1	.6	.9	.7	.1	.0	.3	.2	.5	.2	.1	.1	
81.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.2	.0	.3	.3	.3	.1	.1	.1	
86.	*	.0	.0	.0	.0	.0	.0	.0	.1	.7	.9	.7	.2	.1	.0	.1	.3	.4	.1	.1	
91.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.3	.1	.0	.2	.2	.3	.2	.1	
96.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.3	.1	.0	.2	.2	.2	.2	.1	
101.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.3	.1	.0	.1	.4	.2	.2	.0	
106.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.3	.2	.0	.2	.4	.1	.2	.0	
111.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	.7	.3	.2	.0	.2	.4	.1	.2	.0	
116.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	.7	.3	.2	.0	.3	.3	.1	.2	.0	
121.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.8	.6	.2	.2	.1	.4	.3	.1	.1	.0	
126.	*	.0	.0	.0	.1	.0	.0	.0	.1	.7	.7	.6	.2	.1	.1	.4	.3	.3	.1	.0	
131.	*	.0	.0	.0	.1	.0	.0	.0	.1	.7	.7	.6	.2	.2	.1	.4	.3	.3	.1	.0	
136.	*	.0	.0	.0	.2	.0	.0	.0	.1	.7	.7	.5	.2	.2	.2	.5	.3	.3	.1	.0	
141.	*	.0	.0	.0	.2	.0	.0	.0	.1	.8	.7	.4	.2	.3	.2	.6	.3	.5	.1	.0	
146.	*	.0	.0	.0	.3	.0	.0	.0	.1	.8	.8	.4	.3	.3	.2	.4	.2	.5	.1	.0	
151.	*	.0	.0	.0	.3	.0	.0	.0	.1	.8	.8	.4	.3	.5	.3	.4	.1	.5	.1	.0	
156.	*	.0	.0	.0	.3	.0	.0	.0	.1	.8	.8	.4	.2	.6	.4	.4	.1	.5	.1	.0	
161.	*	.0	.0	.0	.3	.0	.0	.0	.1	.8	.8	.4	.3	.7	.3	.2	.1	.4	.1	.0	
166.	*	.0	.0	.0	.5	.0	.0	.0	.1	.7	1.0	.4	.3	.8	.3	.2	.1	.4	.1	.0	
171.	*	.0	.0	.0	.5	.0	.0	.0	.1	.7	1.0	.4	.4	.8	.3	.2	.1	.5	.1	.0	
176.	*	.0	.0	.1	.5	.1	.0	.0	.1	.8	1.0	.4	.4	.6	.3	.2	.1	.4	.1	.0	
181.	*	.0	.0	.1	.6	.2	.0	.0	.1	.9	1.2	.4	.5	.5	.3	.2	.1	.3	.1	.0	
186.	*	.0	.0	.1	.6	.2	.0	.0	.1	.9	1.2	.4	.4	.5	.3	.2	.1	.3	.0	.0	
191.	*	.0	.0	.3	.6	.3	.1	.0	.1	.9	1.1	.4	.5	.5	.3	.2	.1	.3	.0	.0	
196.	*	.0	.1	.3	.6	.3	.1	.0	.1	1.0	1.0	.4	.5	.4	.3	.2	.1	.2	.0	.0	
201.	*	.0	.1	.4	.6	.3	.1	.0	.1	1.0	1.0	.3	.5	.4	.3	.1	.1	.2	.0	.0	
206.	*	.0	.2	.4	.5	.3	.1	.0	.2	1.0	1.1	.3	.5	.4	.3	.1	.1	.2	.0	.0	

1

JOB: S30 NB15PM JEFF/PROS/PEARL

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.2	.5	.3	.3	.1	.1	.2	1.1	.9	.3	.5	.4	.3	.1	.1	.2	.0	.0	.0
216.	*	.0	.2	.5	.2	.2	.2	.1	.2	1.0	.8	.4	.5	.4	.3	.1	.1	.2	.0	.0	.0
221.	*	.0	.2	.5	.2	.2	.2	.1	.3	1.0	.9	.4	.5	.4	.3	.1	.1	.1	.0	.0	.0
226.	*	.0	.2	.5	.0	.2	.2	.1	.2	1.0	.8	.4	.5	.4	.3	.1	.0	.1	.0	.0	.0
231.	*	.0	.2	.5	.1	.2	.2	.2	.3	1.0	.7	.3	.4	.4	.3	.1	.0	.1	.0	.0	.0
236.	*	.0	.2	.5	.1	.1	.0	.1	.3	.8	.6	.3	.4	.4	.3	.0	.0	.1	.0	.0	.0
241.	*	.0	.2	.5	.1	.2	.2	.2	.3	.6	.5	.3	.4	.4	.3	.0	.0	.1	.0	.0	.0
246.	*	.0	.2	.5	.2	.3	.3	.3	.2	.6	.5	.3	.4	.4	.3	.0	.0	.0	.0	.0	.1
251.	*	.1	.2	.5	.2	.3	.2	.3	.2	.4	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.1
256.	*	.1	.1	.5	.2	.4	.3	.3	.3	.2	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.1
261.	*	.1	.1	.6	.2	.5	.4	.3	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.1
266.	*	.1	.1	.5	.2	.3	.6	.3	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.2
271.	*	.1	.3	.5	.2	.5	.7	.4	.1	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.2
276.	*	.1	.2	.5	.1	.6	.7	.2	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.2
281.	*	.1	.2	.3	.2	.6	.7	.2	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.1
286.	*	.1	.2	.3	.1	.6	.6	.2	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.1
291.	*	.0	.2	.2	.1	.7	.6	.2	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.1
296.	*	.0	.2	.2	.2	.8	.6	.2	.1	.1	.2	.4	.3	.5	.4	.0	.0	.0	.0	.0	.1
301.	*	.1	.3	.3	.3	.7	.6	.2	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.0	.1
306.	*	.2	.3	.3	.3	.7	.6	.1	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.0	.1
311.	*	.2	.4	.3	.4	.7	.6	.1	.0	.1	.2	.4	.4	.6	.4	.0	.0	.1	.0	.0	.1
316.	*	.2	.3	.4	.5	.6	.6	.1	.0	.1	.1	.3	.3	.6	.3	.0	.0	.1	.0	.1	.1
321.	*	.2	.3	.4	.5	.6	.4	.1	.0	.0	.1	.3	.3	.5	.3	.1	.0	.2	.0	.1	.2
326.	*	.1	.3	.3	.5	.6	.4	.1	.0	.0	.1	.2	.2	.4	.2	.1	.0	.3	.0	.1	.2
331.	*	.0	.2	.3	.5	.5	.4	.1	.0	.0	.0	.1	.1	.3	.1	.2	.1	.3	.0	.1	.3
336.	*	.0	.2	.2	.4	.5	.4	.1	.0	.0	.0	.1	.1	.2	.1	.2	.1	.4	.0	.1	.3
341.	*	.0	.2	.2	.4	.5	.4	.1	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.0	.1	.3
346.	*	.0	.2	.2	.5	.5	.4	.1	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.1	.3
351.	*	.0	.2	.2	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
356.	*	.0	.1	.2	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
361.	*	.0	.1	.2	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3
MAX	*	.2	.4	.6	.6	.8	.7	.4	.3	1.1	1.2	.7	.5	.8	.4	.6	.4	.5	.2	.3	.5
DEGR.	*	305	310	260	180	295	270	270	220	210	180	75	180	165	155	140	100	70	60	0	25

1

JOB: S30 NB15PM JEFF/PROS/PEARL

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)											
		* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28	* REC29	* REC30	* REC31	* REC32
1.	*	.6	.4	.2	.4	.7	.4	.6	.5	.1	.0	.3	.3
6.	*	.6	.3	.2	.5	.8	.2	.4	.4	.1	.0	.3	.2
11.	*	.6	.2	.2	.6	.8	.2	.3	.4	.1	.0	.3	.3
16.	*	.6	.3	.3	.7	.8	.0	.2	.4	.0	.0	.3	.3
21.	*	.5	.3	.4	.7	.6	.0	.2	.3	.0	.0	.3	.3
26.	*	.4	.3	.5	.8	.5	.0	.1	.2	.0	.0	.2	.4
31.	*	.4	.3	.5	.8	.5	.0	.0	.2	.0	.0	.2	.3
36.	*	.4	.3	.5	.8	.4	.0	.0	.1	.0	.0	.2	.3
41.	*	.4	.3	.6	.7	.4	.0	.0	.0	.0	.0	.1	.4
46.	*	.4	.3	.6	.7	.3	.0	.0	.0	.0	.0	.0	.3
51.	*	.2	.2	.6	.7	.3	.0	.0	.0	.0	.0	.0	.3
56.	*	.2	.2	.6	.7	.2	.0	.0	.0	.0	.0	.0	.2
61.	*	.1	.2	.6	.6	.1	.0	.0	.0	.0	.0	.0	.3
66.	*	.0	.1	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3
71.	*	.1	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.3
76.	*	.1	.2	.7	.7	.0	.0	.0	.0	.0	.0	.0	.3
81.	*	.1	.2	.7	.7	.0	.0	.0	.0	.0	.0	.0	.2
86.	*	.1	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.2
91.	*	.2	.2	.7	.6	.0	.0	.0	.0	.0	.0	.0	.2
96.	*	.2	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1
101.	*	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1
106.	*	.2	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.1
111.	*	.3	.4	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
116.	*	.3	.4	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
121.	*	.3	.5	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
126.	*	.3	.5	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
131.	*	.3	.6	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0
136.	*	.2	.6	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0
141.	*	.2	.6	.8	.6	.0	.0	.1	.0	.0	.0	.0	.0
146.	*	.2	.6	.7	.6	.0	.0	.1	.0	.0	.0	.1	.1
151.	*	.1	.5	.7	.5	.0	.0	.1	.0	.0	.0	.1	.2
156.	*	.1	.4	.6	.3	.0	.0	.2	.0	.0	.0	.2	.3
161.	*	.0	.4	.5	.3	.0	.0	.4	.0	.0	.0	.4	.5
166.	*	.0	.3	.4	.2	.0	.0	.5	.0	.0	.0	.5	.6
171.	*	.0	.1	.3	.2	.0	.0	.6	.1	.0	.0	.6	.7
176.	*	.0	.1	.2	.1	.0	.0	.8	.1	.0	.0	.8	.8
181.	*	.0	.0	.2	.0	.0	.0	.9	.2	.0	.0	.9	.8
186.	*	.0	.0	.0	.0	.0	.0	1.0	.3	.0	.0	1.0	.8
191.	*	.0	.0	.0	.0	.0	.0	1.0	.3	.0	.0	1.0	.7
196.	*	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	1.0	.6
201.	*	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	1.0	.5
206.	*	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	.9	.4
1													

1

JOB: S30 NB15PM JEFF/PROS/PEARL

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
211.	*	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.9	.3
216.	*	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.9	.2
221.	*	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.8	.2
226.	*	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.2
231.	*	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.1
236.	*	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.1
241.	*	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.1
246.	*	.0	.0	.0	.0	.0	.0	.8	.3	.2	.0	.7	.1
251.	*	.0	.0	.0	.0	.0	.0	.8	.3	.2	.0	.8	.2
256.	*	.1	.2	.0	.0	.0	.0	.8	.3	.2	.1	.8	.4
261.	*	.2	.3	.0	.0	.0	.0	.8	.2	.2	.1	.8	.4
266.	*	.2	.3	.0	.0	.0	.0	.8	.2	.2	.1	.8	.5
271.	*	.2	.3	.0	.0	.0	.0	.8	.2	.2	.1	.8	.5
276.	*	.2	.4	.0	.0	.0	.0	.8	.2	.2	.1	.7	.5
281.	*	.2	.4	.2	.0	.0	.1	.8	.2	.3	.1	.8	.4
286.	*	.2	.4	.2	.0	.0	.1	.8	.1	.2	.1	.8	.4
291.	*	.2	.5	.1	.0	.0	.1	.8	.1	.2	.1	.8	.4
296.	*	.2	.5	.2	.0	.0	.1	.8	.1	.2	.1	.8	.3
301.	*	.2	.5	.2	.0	.0	.2	.9	.2	.2	.1	.8	.4
306.	*	.2	.6	.2	.0	.0	.2	1.0	.2	.2	.1	.7	.4
311.	*	.2	.6	.2	.0	.0	.3	1.0	.2	.2	.2	.8	.3
316.	*	.2	.7	.3	.0	.0	.3	1.2	.3	.3	.2	.8	.3
321.	*	.3	.6	.3	.1	.0	.5	1.2	.3	.4	.2	.8	.4
326.	*	.3	.7	.4	.2	.1	.6	1.2	.4	.3	.1	.8	.4
331.	*	.3	.7	.4	.2	.1	.7	1.3	.4	.3	.1	.6	.3
336.	*	.5	.8	.4	.3	.1	.7	1.0	.4	.2	.0	.6	.3
341.	*	.5	.7	.5	.3	.3	.7	1.0	.3	.1	.0	.5	.3
346.	*	.6	.6	.4	.3	.4	.7	1.0	.4	.1	.0	.5	.3
351.	*	.6	.6	.3	.4	.5	.6	.7	.5	.1	.0	.3	.2
356.	*	.6	.5	.3	.4	.5	.5	.6	.5	.1	.0	.4	.3
361.	*	.6	.4	.2	.4	.7	.4	.6	.5	.1	.0	.3	.3
MAX	*	.6	.8	.8	.8	.8	.7	1.3	.5	.4	.2	1.0	.8
DEGR.	*	0	335	130	25	5	330	330	0	320	310	185	175

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 330 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 180 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 210 DEGREES FROM REC9 .

1

JOB: S30 NB15PM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:24:11.31

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

*	CO/LINK	(PPM)																		
*	ANGLE	(DEGREES)																		
*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20

Page 3

LINK	#	*	S30NB15P.OUT																		25
			305	310	260	180	295	270	270	220	210	180	75	180	165	155	140	100	70	60	
1	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2	*		.1	.2	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1	.5	.3	.0	.0	.2	.1	.1
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
4	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1
6	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.1	.0	.0	.0	.1
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
9	*		.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*		.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
14	*		.1	.1	.0	.0	.4	.4	.1	.1	.9	.7	.6	.0	.0	.0	.0	.3	.1	.0	.0
15	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.1
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.0	.0	.3	.0	.0	.0	.1	.1	.2	.0	.1	.1	.1	.2	.1	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*		.0	.1	.4	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 NB15PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:24:11.31

RUN: S30 NB15PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
		0	335	130	25	5	330	330	0	320	310	185	175
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.3	.0	.0	.0	.1	.2	.0	.2	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.6	.5	.5	.5	.9	.0	.0	.9	.7	.7
20	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B115A.DAT

S30	B115AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2		SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4		SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B115AM	JEFFERSON PROSPECT PEARL	23	1	1

1		Ex ParkLotAG191015.634302.190920.634432.	525	2.9	0. 44. 30.
2		Ex ParkLotAG190984.634344.190941.634404.	0. 24. 2		
150	125	4.0 525 32.2 1620 3 3			
0	1	Entra ParkAG191032.634315.190971.634411.	825	2.9	0. 44. 30.
1		Jeff EBL AG191027.634306.190822.634172.	575	2.9	0. 32. 30.
2		Jeff EBL AG190961.634263.190859.634197.	0. 12. 1		
150	93	4.0 575 32.2 1770 3 3			
1		Jeff EBT AG191034.634295.190827.634154.	2350	2.9	0. 56. 30.
2		Jeff EBT AG190999.634272.190850.634170.	0. 36. 3		
150	63	4.0 2350 32.2 1707 3 3			
0	1	Jeff EB aLAG190824.634155.190643.634041.	2925	2.9	0. 56. 30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	1675	2.9	0. 56. 30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	1675	2.9	0. 56. 30.
0	1	Jeff WBL AG191033.634306.191213.634414.	25	2.9	0. 12. 30.
0	2	Jeff WBL AG191067.634326.191148.634375.	0. 12. 1		
150	143	4.0 25 32.2 1770 3 3			
1		Jeff WBT AG191016.634321.191207.634431.	1000	2.9	0. 56. 30.
2		Jeff WBT AG191055.634343.191154.634401.	0. 36. 3		
150	112	4.0 1000 32.2 1689 3 3			
1		Jeff WBALLAG191214.634431.191290.634472.	1025	2.9	0. 56. 30.
0	1	Jeff WBALLAG191291.634473.191420.634557.	1025	2.9	0. 44. 30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1750	2.9	0. 56. 30.
0	1	Prosp NB AG191041.634310.191106.633931.	525	2.9	0. 56. 30.
0	2	Prosp NB AG191059.634206.191079.634087.	0. 36. 3		
150	125	4.0 525 32.2 1620 3 3			
1		Prosp SB dAG191084.633933.191013.634293.	850	2.9	0. 44. 30.
1		Pearl NB AG191051.634294.191421.634085.	175	2.9	0. 44. 30.
2		Pearl NB AG191092.634272.191209.634205.	0. 24. 2		
150	127	5.0 175 32.2 1729 3 3			
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.9	0. 44. 30.
1.0	.54	1000. 0.0Y 5 0 72			

JOB: S30 B115AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:08:09.01

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*	*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	525.	2.9	.0	44.0	
2. Ex ParkLot*	*	190984.0	634344.0	190501.2	635017.9	*	829.	324. AG	144.	100.0	.0	24.0	1.28 42.1
3. 0 Entra Park*	*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	825.	2.9	.0	44.0	
4. Jeff EBL*	*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	575.	2.9	.0	32.0	
5. Jeff EBL*	*	190961.0	634263.0	190653.7	634064.2	*	366.	237. AG	54.	100.0	.0	12.0	.96 18.6
6. Jeff EBT*	*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	2350.	2.9	.0	56.0	
7. Jeff EBT*	*	190999.0	634272.0	190771.9	634116.5	*	275.	236. AG	109.	100.0	.0	36.0	.85 14.0
8. 0 Jeff EB al*	*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	2925.	2.9	.0	56.0	
9. 0 Jeff EB dp*	*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	1675.	2.9	.0	56.0	
10. 0 Jeff EB dp*	*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	1675.	2.9	.0	56.0	
11. 0 Jeff WBL*	*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.9	.0	12.0	
12. Jeff WBL*	*	191067.0	634326.0	191233.3	634426.6	*	194.	59. AG	82.	100.0	.0	12.0	2.27 9.9
13. Jeff WBT*	*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1000.	2.9	.0	56.0	
14. Jeff WBT*	*	191055.0	634343.0	191270.5	634469.2	*	250.	60. AG	193.	100.0	.0	36.0	.93 12.7
15. Jeff WBALL*	*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1025.	2.9	.0	56.0	
16. 0 Jeff WBALL*	*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1025.	2.9	.0	44.0	
17. 0 Jeff Wbdp*	*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1750.	2.9	.0	56.0	
18. 0 Prosp NB*	*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	525.	2.9	.0	56.0	
19. 0 Prosp NB*	*	191059.0	634206.0	191082.3	634067.1	*	141.	170. AG	216.	100.0	.0	36.0	.85 7.2
20. 0 Prosp SB d*	*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	850.	2.9	.0	44.0	
21. Pearl NB*	*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	175.	2.9	.0	44.0	
22. Pearl NB*	*	191092.0	634272.0	191144.4	634242.0	*	60.	120. AG	146.	100.0	.0	24.0	.47 3.1
23. 0 Pearl SBdp*	*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.9	.0	44.0	

JOB: S30 B115AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:08:09.01

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*	*	150	125	4.0	525	1620	32.20	3	3
5. Jeff EBL*	*	150	93	4.0	575	1770	32.20	3	3
7. Jeff EBT*	*	150	63	4.0	2350	1707	32.20	3	3
12. Jeff WBL*	*	150	143	4.0	25	1770	32.20	3	3
14. Jeff WBT*	*	150	112	4.0	1000	1689	32.20	3	3
19. 0 Prosp NB*	*	150	125	4.0	525	1620	32.20	3	3
22. Pearl NB*	*	150	127	5.0	175	1729	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B115AM JEFF/PROS/PEARL

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	*	.0	.2	.4	.7	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
6.	*	.0	.2	.4	.8	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
11.	*	.0	.1	.4	.8	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
16.	*	.0	.1	.4	.8	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
21.	*	.0	.2	.4	.8	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
26.	*	.0	.2	.4	.8	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.9
31.	*	.0	.1	.4	.8	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.7	.9
36.	*	.0	.0	.2	.6	.8	.5	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.3	.1	.6	.9
41.	*	.0	.0	.2	.6	.7	.4	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.3	.1	.7	.8
46.	*	.0	.0	.1	.6	.6	.3	.1	.1	.1	.3	.1	.0	.0	.0	.2	.1	.3	.1	.9	.5
51.	*	.0	.0	.1	.6	.6	.2	.1	.1	.2	.4	.1	.0	.0	.0	.2	.1	.4	.1	.8	.5
56.	*	.0	.0	.0	.4	.4	.2	.1	.1	.4	.5	.3	.0	.0	.0	.3	.2	.3	.1	.5	.4
61.	*	.0	.0	.0	.3	.4	.2	.1	.1	.6	.7	.4	.0	.0	.0	.2	.2	.4	.2	.3	.3
66.	*	.0	.0	.0	.1	.3	.1	.0	.1	.8	.9	.6	.1	.0	.0	.3	.2	.5	.1	.3	.2
71.	*	.0	.0	.0	.1	.2	.1	.0	.1	1.0	1.1	.9	.1	.0	.0	.3	.2	.7	.2	.1	.1
76.	*	.0	.0	.0	.1	.1	.1	.0	.1	1.1	1.2	.9	.2	.0	.0	.4	.2	.7	.3	.1	.1
81.	*	.0	.0	.0	.0	.1	.1	.0	.1	1.1	1.2	.9	.2	.1	.0	.5	.2	.8	.3	.1	.1
86.	*	.0	.0	.0	.0	.1	.0	.0	.1	1.1	1.3	.9	.3	.1	.0	.3	.4	.7	.3	.0	.1
91.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.1	1.2	.9	.4	.1	.0	.3	.3	.5	.4	.0	.1
96.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.1	1.1	.9	.4	.1	.0	.2	.3	.3	.4	.0	.1
101.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.1	1.1	.9	.4	.2	.0	.2	.4	.3	.4	.0	.1
106.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.8	.6	.2	.0	.2	.4	.4	.4	.0	.1
111.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.8	.5	.2	.0	.3	.4	.3	.3	.0	.1
116.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.7	.5	.2	.1	.4	.4	.3	.3	.0	.1
121.	*	.0	.0	.0	.1	.0	.0	.0	.2	.9	.9	.7	.4	.1	.1	.4	.5	.3	.3	.0	.0
126.	*	.0	.0	.0	.1	.0	.0	.0	.2	.9	.9	.8	.4	.1	.1	.4	.5	.3	.3	.0	.0
131.	*	.0	.0	.0	.2	.0	.0	.0	.2	1.0	.9	.7	.3	.2	.1	.4	.4	.4	.2	.0	.0
136.	*	.0	.0	.0	.2	.0	.0	.0	.2	.9	.9	.7	.4	.2	.2	.4	.3	.4	.2	.0	.0
141.	*	.0	.0	.0	.3	.0	.0	.0	.2	.9	.9	.5	.4	.3	.2	.4	.3	.5	.2	.0	.0
146.	*	.0	.0	.0	.3	.0	.0	.0	.2	.9	.9	.4	.4	.3	.2	.4	.3	.6	.2	.0	.0
151.	*	.0	.0	.0	.4	.0	.0	.0	.2	1.0	.9	.5	.3	.4	.2	.4	.3	.6	.2	.0	.0
156.	*	.0	.0	.0	.4	.0	.0	.0	.2	.9	1.0	.5	.2	.6	.3	.4	.3	.4	.2	.0	.0
161.	*	.0	.0	.1	.4	.0	.0	.0	.2	.9	1.0	.3	.2	.8	.3	.4	.4	.5	.2	.0	.0
166.	*	.0	.0	.1	.5	.0	.0	.0	.2	.9	1.0	.4	.3	.8	.4	.4	.4	.5	.2	.0	.0
171.	*	.0	.0	.1	.5	.1	.0	.0	.2	.9	1.1	.7	.5	.8	.4	.4	.4	.4	.2	.0	.0
176.	*	.0	.0	.1	.6	.1	.0	.0	.2	.9	1.1	.7	.6	.8	.4	.4	.4	.4	.2	.0	.0
181.	*	.0	.0	.2	.5	.2	.0	.0	.2	1.0	1.1	.5	.6	.8	.3	.4	.4	.5	.2	.0	.0
186.	*	.0	.0	.3	.6	.2	.0	.0	.2	1.1	1.2	.5	.5	.8	.3	.4	.4	.5	.2	.0	.0
191.	*	.0	.0	.3	.6	.2	.0	.0	.3	1.2	1.1	.6	.6	.7	.3	.4	.4	.5	.0	.0	.0
196.	*	.0	.0	.5	.6	.4	.1	.0	.3	1.2	1.1	.5	.6	.7	.3	.4	.3	.6	.0	.0	.0
201.	*	.0	.0	.5	.4	.4	.1	.0	.3	1.3	1.1	.5	.6	.6	.3	.5	.3	.6	.0	.0	.0
206.	*	.0	.1	.6	.4	.5	.2	.0	.3	1.2	1.3	.6	.6	.5	.3	.4	.2	.6	.0	.0	.0

1

JOB: S30 B115AM JEFF/PROS/PEARL

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.1	.7	.3	.4	.3	.0	.4	1.2	1.0	.5	.7	.4	.3	.4	.2	.7	.0	.0	.0
216.	*	.0	.1	.7	.2	.3	.3	.0	.4	1.2	1.0	.6	.7	.4	.3	.4	.2	.6	.0	.0	.0
221.	*	.0	.2	.6	.2	.3	.3	.2	.5	1.3	1.0	.7	.6	.4	.3	.2	.1	.6	.0	.0	.0
226.	*	.0	.2	.6	.2	.4	.3	.2	.4	1.4	.9	.7	.5	.4	.3	.2	.1	.5	.0	.0	.1
231.	*	.0	.2	.6	.3	.5	.5	.2	.6	1.2	.8	.7	.5	.4	.3	.1	.0	.2	.0	.0	.1
236.	*	.0	.2	.5	.3	.4	.4	.3	.6	1.0	.7	.6	.4	.4	.3	.1	.0	.1	.0	.0	.1
241.	*	.0	.2	.6	.5	.5	.4	.4	.5	.8	.7	.3	.4	.4	.3	.0	.0	.1	.0	.0	.3
246.	*	.0	.2	.7	.7	.5	.7	.5	.3	.6	.5	.3	.4	.4	.3	.0	.0	.1	.0	.0	.3
251.	*	.0	.3	.6	.7	.5	.7	.5	.3	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.5
256.	*	.0	.2	.7	.7	.7	.7	.4	.3	.3	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.6
261.	*	.0	.4	.7	.4	.7	.7	.5	.2	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.7
266.	*	.1	.4	.7	.4	.6	.8	.6	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.1	.8
271.	*	.1	.5	.6	.5	.7	.8	.5	.1	.1	.1	.4	.4	.5	.3	.0	.0	.0	.0	.1	.8
276.	*	.1	.4	.6	.4	.7	.9	.5	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.8
281.	*	.1	.4	.5	.5	.8	.9	.4	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.8
286.	*	.1	.3	.6	.4	.8	.9	.4	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.8
291.	*	.0	.3	.3	.3	1.0	.9	.4	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.7
296.	*	.0	.3	.3	.4	1.0	.9	.4	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.1	.7
301.	*	.1	.4	.4	.6	1.0	.9	.3	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.2	.7
306.	*	.2	.4	.4	.5	1.0	.9	.3	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.2	.8
311.	*	.2	.5	.5	.6	.9	.9	.3	.0	.1	.2	.4	.4	.6	.3	.0	.0	.1	.0	.2	.7
316.	*	.2	.4	.6	.7	.8	.9	.3	.0	.1	.1	.4	.3	.6	.3	.0	.0	.1	.0	.2	.7
321.	*	.1	.3	.5	.8	.8	.7	.3	.0	.0	.1	.3	.3	.5	.2	.1	.0	.2	.0	.2	.7
326.	*	.1	.5	.5	.8	.8	.7	.3	.0	.0	.1	.2	.2	.4	.2	.1	.0	.3	.0	.2	.7
331.	*	.1	.4	.5	.8	.7	.7	.3	.0	.0	.0	.1	.1	.3	.1	.2	.0	.3	.0	.2	.7
336.	*	.1	.4	.4	.7	.7	.7	.3	.0	.0	.0	.1	.1	.2	.1	.2	.1	.4	.0	.3	.8
341.	*	.0	.4	.4	.7	.7	.7	.3	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.0	.4	.8
346.	*	.0	.4	.4	.6	.7	.7	.3	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.0	.4	.8
351.	*	.0	.4	.4	.6	.8	.7	.3	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.4	.8
356.	*	.0	.3	.4	.7	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.5	.8
361.	*	.0	.2	.4	.7	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
MAX	*	.2	.5	.7	.8	1.0	.9	.6	.6	1.4	1.3	.9	.7	.8	.4	.5	.5	.8	.4	.9	.9
DEGR.	*	305	270	210	5	290	275	265	230	225	205	70	210	160	165	80	120	80	90	45	35

1

JOB: S30 B115AM JEFF/PROS/PEARL

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .8 .6 .2 .4 .4 .2 .5 .7 .1 .0 .3 .4
6. * .7 .6 .3 .4 .5 .2 .4 .7 .1 .0 .5 .4
11. * .7 .5 .3 .5 .5 .1 .3 .7 .1 .0 .5 .5
16. * .7 .5 .3 .6 .4 .1 .3 .7 .1 .0 .5 .5
21. * .7 .3 .4 .7 .4 .0 .3 .7 .1 .0 .6 .5
26. * .6 .5 .6 .8 .3 .0 .1 .4 .0 .0 .4 .6
31. * .5 .6 .7 .8 .1 .0 .1 .3 .0 .0 .2 .6
36. * .6 .6 .7 .7 .1 .0 .0 .3 .0 .0 .2 .5
41. * .6 .6 .6 .6 .1 .0 .0 .2 .0 .0 .2 .6
46. * .7 .6 .5 .6 .1 .0 .0 .1 .0 .0 .1 .5
51. * .6 .5 .6 .6 .1 .0 .0 .1 .0 .0 .1 .4
56. * .3 .4 .5 .6 .1 .0 .0 .1 .0 .0 .0 .4
61. * .3 .4 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
66. * .1 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
71. * .2 .2 .5 .6 .1 .0 .0 .0 .0 .0 .0 .3
76. * .2 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
81. * .1 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
86. * .2 .3 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
91. * .2 .3 .6 .6 .0 .0 .0 .0 .0 .0 .0 .2
96. * .2 .2 .6 .5 .0 .0 .0 .0 .0 .0 .0 .2
101. * .2 .3 .6 .5 .0 .0 .0 .0 .0 .0 .0 .1
106. * .2 .3 .6 .5 .0 .0 .0 .0 .0 .0 .0 .1
111. * .3 .4 .6 .4 .0 .0 .0 .0 .0 .0 .0 .1
116. * .3 .4 .6 .4 .0 .0 .0 .0 .0 .0 .0 .0
121. * .2 .5 .6 .3 .0 .0 .0 .0 .0 .0 .0 .0
126. * .2 .5 .6 .3 .0 .0 .0 .0 .0 .0 .0 .0
131. * .2 .5 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0
136. * .1 .5 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0
141. * .1 .5 .7 .2 .0 .0 .0 .0 .0 .0 .0 .0
146. * .1 .5 .6 .1 .0 .0 .0 .0 .0 .0 .0 .1
151. * .0 .4 .6 .1 .0 .0 .1 .0 .0 .0 .1 .1
156. * .0 .3 .4 .1 .0 .0 .1 .0 .0 .0 .1 .3
161. * .0 .3 .3 .1 .0 .0 .1 .0 .0 .0 .2 .4
166. * .0 .2 .2 .1 .0 .0 .2 .0 .0 .0 .4 .5
171. * .0 .2 .2 .1 .0 .0 .3 .0 .0 .0 .5 .6
176. * .0 .0 .1 .1 .0 .0 .4 .1 .0 .0 .6 .7
181. * .0 .0 .1 .1 .0 .0 .4 .1 .0 .0 .8 .8
186. * .0 .0 .1 .0 .0 .0 .5 .2 .0 .0 .9 .8
191. * .0 .0 .1 .0 .0 .0 .6 .2 .0 .0 1.0 .7
196. * .0 .0 .0 .0 .0 .0 .7 .3 .0 .0 1.0 .6
201. * .0 .0 .0 .0 .0 .0 .7 .3 .0 .0 1.0 .6
206. * .0 .0 .0 .0 .0 .0 .8 .4 .0 .0 1.0 .5

```

1

JOB: S30 B115AM JEFF/PROS/PEARL

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .8 .4 .0 .0 1.0 .4
216. * .0 .0 .0 .0 .0 .0 .8 .4 .1 .0 1.0 .3
221. * .0 .0 .0 .0 .0 .0 .9 .4 .1 .0 1.0 .3
226. * .0 .0 .0 .0 .0 .0 .9 .4 .1 .0 .9 .3
231. * .3 .1 .0 .0 .0 .0 .9 .4 .2 .0 .9 .1
236. * .3 .3 .0 .0 .0 .0 .9 .4 .2 .0 .8 .2
241. * .4 .4 .0 .0 .0 .0 .8 .4 .2 .0 .8 .4
246. * .6 .5 .1 .0 .0 .0 .8 .4 .2 .0 .8 .4
251. * .8 .7 .2 .0 .0 .0 .8 .4 .2 .0 .8 .7
256. * .8 .8 .2 .0 .0 .0 .8 .4 .2 .0 1.0 .6
261. * .8 .7 .3 .0 .0 .0 .8 .4 .3 .0 1.1 .7
266. * .8 .7 .5 .1 .0 .0 .8 .5 .3 .0 1.0 .7
271. * .7 .7 .5 .1 .0 .0 .9 .4 .3 .1 1.1 .7
276. * .7 .7 .5 .2 .0 .0 .9 .4 .4 .1 1.1 .6
281. * .7 .7 .5 .2 .0 .0 .9 .4 .4 .1 1.0 .6
286. * .7 .7 .5 .1 .0 .0 1.0 .3 .3 .1 1.0 .5
291. * .7 .7 .4 .1 .0 .1 1.1 .3 .3 .1 1.1 .4
296. * .7 .7 .4 .2 .0 .1 1.2 .3 .3 .1 1.1 .4
301. * .7 .7 .4 .2 .0 .1 1.2 .4 .2 .1 1.1 .6
306. * .7 .7 .4 .2 .0 .2 1.2 .2 .2 .1 1.1 .4
311. * .7 .6 .3 .2 .0 .3 1.3 .3 .2 .2 1.1 .5
316. * .7 .6 .4 .2 .1 .3 1.4 .3 .3 .2 1.0 .5
321. * .7 .6 .4 .3 .1 .4 1.4 .4 .3 .2 .8 .7
326. * .8 .7 .5 .3 .1 .5 1.4 .5 .3 .1 .8 .6
331. * .8 .7 .6 .3 .2 .4 1.4 .5 .3 .1 .7 .5
336. * .9 .8 .6 .4 .3 .5 1.1 .5 .2 .1 .6 .4
341. * .9 .7 .6 .4 .4 .5 1.0 .4 .2 .1 .5 .4
346. * .9 .7 .6 .4 .3 .4 1.0 .6 .1 .0 .6 .4
351. * .9 .7 .4 .4 .3 .4 .7 .7 .1 .0 .4 .3
356. * .9 .6 .3 .3 .3 .3 .7 .7 .1 .0 .4 .3
361. * .8 .6 .2 .4 .4 .2 .5 .7 .1 .0 .3 .4

```

```

MAX * .9 .8 .7 .8 .5 .5 1.4 .7 .4 .2 1.1 .8
DEGR. * 335 255 30 25 5 325 315 0 275 310 260 180

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 225 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 315 DEGREES FROM REC27.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 205 DEGREES FROM REC10.

1

JOB: S30 B115AM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:08:09.01

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

		S30B115A.OUT																				
LINK	#	*	305	270	210	5	290	275	265	230	225	205	70	210	160	165	80	120	80	90	45	35
1	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2	*		.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.3	.5	.4	.1	.0	.1	.0	.0	.0
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
6	*		.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.1	.3
7	*		.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.1	.2	.3
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
9	*		.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.2	.2	.2	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0
13	*		.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*		.1	.0	.0	.4	.4	.4	.2	.3	.8	.7	.6	.0	.0	.0	.2	.0	.3	.0	.1	.1
15	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.1	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*		.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B115AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:08:09.01

RUN: S30 B115AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM)											
		ANGLE (DEGREES)											
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
		335	255	30	25	5	325	315	0	275	310	260	180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
7	*	.3	.3	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0
8	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.2	.1	.1	.0	.0	.2	.0	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.1	.5	.2	.1	.9	.0	.2	.0	.7	.6
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.1	.0	.0	.0	.3	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B115P.DAT

S30	B115PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2		SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4		SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B115PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	700	2.9	0.	44.	30.
2	Ex ParkLotAG190984.634344.190941.634404.			0.	24.	2
100	80 4.0 700 32.2 1620 3 3					
0	Entra ParkAG191032.634315.190971.634411.	500	2.9	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	175	2.9	0.	32.	30.
2	Jeff EBL AG190961.634263.190859.634197.			0.	12.	1
100	83 4.0 175 32.2 1770 3 3					
1	Jeff EBT AG191034.634295.190827.634154.	775	2.9	0.	56.	30.
2	Jeff EBT AG190999.634272.190850.634170.			0.	36.	3
100	72 4.0 775 32.2 1707 3 3					
1	Jeff EB aLAG190824.634155.190643.634041.	950	2.9	0.	56.	30.
0	Jeff EB dpAG191419.634530.191210.634391.	800	2.9	0.	56.	30.
1	Jeff EB dpAG191210.634391.191034.634288.	800	2.9	0.	56.	30.
0	Jeff WBL AG191033.634306.191213.634414.	100	2.9	0.	12.	30.
2	Jeff WBL AG191067.634326.191148.634375.			0.	12.	1
100	89 4.0 100 32.2 1770 3 3					
1	Jeff WBT AG191016.634321.191207.634431.	825	2.9	0.	56.	30.
2	Jeff WBT AG191055.634343.191154.634401.			0.	36.	3
100	77 4.0 825 32.2 1689 3 3					
1	Jeff WBALLAG191214.634431.191290.634472.	925	2.9	0.	56.	30.
0	Jeff WBALLAG191291.634473.191420.634557.	925	2.9	0.	44.	30.
1	Jeff WBdp AG190644.634105.191015.634323.	1575	2.9	0.	56.	30.
0	Prosp NB AG191041.634310.191106.633931.	700	2.9	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.			0.	36.	3
100	80 4.0 700 32.2 1620 3 3					
1	Prosp SB dAG191084.633933.191013.634293.	500	2.9	0.	44.	30.
1	Pearl NB AG191051.634294.191421.634085.	225	2.9	0.	44.	30.
2	Pearl NB AG191092.634272.191209.634205.			0.	24.	2
100	79 5.0 225 32.2 1686 3 3					
1	Pearl SBdpAG191419.634065.191034.634282.	100	2.9	0.	44.	30.
0	.54 1000. 0.0Y 5 0 72					

JOB: S30 B115PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:12:20.41

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*	*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	700.	2.9	.0	44.0	
2. Ex ParkLot*	*	190984.0	634344.0	190117.8	635552.9	*	1487.	324. AG	138.	100.0	.0	24.0	1.55 75.5
3. 0 Entra Park*	*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	500.	2.9	.0	44.0	
4. Jeff EBL*	*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	175.	2.9	.0	32.0	
5. Jeff EBL*	*	190961.0	634263.0	190867.2	634202.3	*	112.	237. AG	72.	100.0	.0	12.0	.90 5.7
6. Jeff EBT*	*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	775.	2.9	.0	56.0	
7. Jeff EBT*	*	190999.0	634272.0	190914.7	634214.3	*	102.	236. AG	187.	100.0	.0	36.0	.69 5.2
8. 0 Jeff EB al*	*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	950.	2.9	.0	56.0	
9. 0 Jeff EB dp*	*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	800.	2.9	.0	56.0	
10. 0 Jeff EB dp*	*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	800.	2.9	.0	56.0	
11. 0 Jeff WBL*	*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	100.	2.9	.0	12.0	
12. Jeff WBL*	*	191067.0	634326.0	191254.3	634439.3	*	219.	59. AG	77.	100.0	.0	12.0	1.14 11.1
13. Jeff WBT*	*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	825.	2.9	.0	56.0	
14. Jeff WBT*	*	191055.0	634343.0	191205.4	634431.1	*	174.	60. AG	200.	100.0	.0	36.0	.96 8.9
15. Jeff WBALL*	*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	925.	2.9	.0	56.0	
16. 0 Jeff WBALL*	*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	925.	2.9	.0	44.0	
17. 0 Jeff Wbdp*	*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1575.	2.9	.0	56.0	
18. 0 Prosp NB*	*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	700.	2.9	.0	56.0	
19. 0 Prosp NB*	*	191059.0	634206.0	191099.9	633963.0	*	246.	170. AG	207.	100.0	.0	36.0	1.03 12.5
20. 0 Prosp SB d*	*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	500.	2.9	.0	44.0	
21. Pearl NB*	*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	225.	2.9	.0	44.0	
22. Pearl NB*	*	191092.0	634272.0	191134.0	634248.0	*	48.	120. AG	136.	100.0	.0	24.0	.47 2.5
23. 0 Pearl SBdp*	*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	100.	2.9	.0	44.0	

JOB: S30 B115PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:12:20.41

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*	*	100	80	4.0	700	1620	32.20	3	3
5. Jeff EBL*	*	100	83	4.0	175	1770	32.20	3	3
7. Jeff EBT*	*	100	72	4.0	775	1707	32.20	3	3
12. Jeff WBL*	*	100	89	4.0	100	1770	32.20	3	3
14. Jeff WBT*	*	100	77	4.0	825	1689	32.20	3	3
19. 0 Prosp NB*	*	100	80	4.0	700	1620	32.20	3	3
22. Pearl NB*	*	100	79	5.0	225	1686	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B115PM JEFF/PROS/PEARL

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	*	.0	.1	.3	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
6.	*	.0	.1	.3	.7	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.4
11.	*	.0	.1	.3	.7	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.4
16.	*	.0	.0	.3	.7	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
21.	*	.0	.0	.2	.7	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
26.	*	.0	.0	.2	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
31.	*	.0	.0	.2	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
36.	*	.0	.0	.0	.5	.4	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.6
41.	*	.0	.0	.0	.4	.4	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.5
46.	*	.0	.0	.0	.3	.3	.1	.0	.1	.1	.1	.1	.0	.0	.0	.2	.1	.3	.1	.3	.4
51.	*	.0	.0	.0	.3	.3	.1	.0	.1	.1	.3	.1	.0	.0	.0	.2	.1	.5	.1	.2	.4
56.	*	.0	.0	.0	.3	.2	.1	.0	.1	.1	.4	.2	.0	.0	.0	.3	.1	.4	.1	.2	.3
61.	*	.0	.0	.0	.1	.1	.1	.0	.1	.3	.6	.4	.0	.0	.0	.2	.2	.5	.0	.0	.2
66.	*	.0	.0	.0	.1	.1	.1	.0	.1	.4	.8	.6	.0	.0	.0	.2	.2	.4	.1	.1	.2
71.	*	.0	.0	.0	.0	.1	.1	.0	.1	.4	.9	.7	.1	.0	.0	.3	.1	.5	.2	.1	.1
76.	*	.0	.0	.0	.0	.1	.0	.0	.1	.6	1.0	.8	.1	.0	.0	.4	.2	.6	.3	.1	.1
81.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.2	.0	.0	.4	.3	.7	.2	.1	.1
86.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.2	.0	.0	.4	.3	.6	.2	.1	.1
91.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.3	.1	.0	.2	.2	.5	.3	.1	.2
96.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.1	.0	.2	.2	.2	.2	.1	.2
101.	*	.0	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.8	.4	.1	.0	.2	.5	.2	.2	.0	.2
106.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.1	.0	.2	.5	.1	.2	.0	.2
111.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.7	.4	.2	.0	.2	.4	.1	.2	.0	.2
116.	*	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.7	.4	.2	.0	.3	.4	.1	.2	.0	.1
121.	*	.0	.0	.0	.0	.0	.0	.0	.2	.8	1.0	.6	.3	.1	.1	.4	.4	.1	.2	.0	.1
126.	*	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.6	.3	.1	.1	.4	.3	.3	.1	.0	.1
131.	*	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.6	.2	.2	.1	.4	.2	.3	.1	.0	.1
136.	*	.0	.0	.0	.2	.0	.0	.0	.2	.8	.8	.6	.1	.2	.2	.5	.2	.3	.1	.0	.0
141.	*	.0	.0	.0	.2	.0	.0	.0	.2	.8	.8	.4	.1	.4	.2	.6	.2	.5	.1	.0	.0
146.	*	.0	.0	.0	.2	.0	.0	.0	.2	.9	.9	.3	.3	.4	.2	.6	.1	.5	.1	.0	.0
151.	*	.0	.0	.0	.3	.0	.0	.0	.2	.9	.9	.4	.3	.5	.3	.5	.1	.5	.1	.0	.0
156.	*	.0	.0	.0	.3	.0	.0	.0	.2	.9	.9	.4	.2	.7	.4	.5	.1	.6	.1	.0	.0
161.	*	.0	.0	.0	.3	.0	.0	.0	.2	.8	.9	.4	.3	.7	.4	.5	.1	.5	.1	.0	.0
166.	*	.0	.0	.0	.4	.0	.0	.0	.2	.8	1.0	.4	.3	.8	.3	.3	.1	.5	.1	.0	.0
171.	*	.0	.0	.0	.5	.0	.0	.0	.2	.9	1.0	.4	.4	.8	.3	.3	.1	.6	.1	.0	.0
176.	*	.0	.0	.1	.5	.1	.0	.0	.2	.9	1.2	.4	.5	.7	.3	.3	.1	.5	.1	.0	.0
181.	*	.0	.0	.1	.6	.2	.0	.0	.2	1.1	1.3	.4	.5	.6	.3	.2	.1	.4	.1	.0	.0
186.	*	.0	.0	.2	.6	.3	.1	.0	.2	1.1	1.3	.3	.4	.7	.3	.1	.1	.4	.1	.0	.0
191.	*	.0	.1	.2	.7	.3	.1	.0	.2	1.1	1.2	.4	.6	.6	.3	.1	.1	.4	.0	.0	.0
196.	*	.0	.1	.4	.6	.3	.1	.0	.2	1.2	1.0	.3	.6	.5	.3	.1	.1	.3	.0	.0	.0
201.	*	.0	.1	.4	.6	.3	.1	.0	.2	1.2	1.0	.3	.6	.5	.3	.1	.1	.3	.0	.0	.0
206.	*	.0	.2	.4	.5	.3	.2	.0	.3	1.2	1.1	.3	.5	.4	.3	.1	.1	.3	.0	.0	.0

1

JOB: S30 B115PM JEFF/PROS/PEARL

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)		CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.2	.5	.4	.3	.2	.1	.3	1.3	.9	.3	.6	.4	.3	.1	.1	.3	.0	.0	.0
216.	*	.0	.2	.5	.3	.2	.2	.1	.3	1.2	.8	.3	.5	.4	.3	.1	.1	.2	.0	.0	.0
221.	*	.0	.2	.4	.2	.3	.2	.1	.4	1.2	.9	.4	.5	.4	.3	.1	.1	.2	.0	.0	.0
226.	*	.0	.2	.5	.0	.3	.3	.1	.4	1.1	.8	.3	.4	.4	.3	.1	.1	.1	.0	.0	.0
231.	*	.0	.2	.5	.1	.2	.3	.2	.4	1.1	.7	.3	.4	.4	.3	.1	.0	.1	.0	.0	.0
236.	*	.0	.2	.4	.1	.2	.2	.2	.3	.9	.6	.3	.3	.4	.3	.1	.0	.1	.0	.0	.0
241.	*	.0	.2	.5	.2	.3	.2	.3	.2	.7	.5	.2	.3	.4	.3	.0	.0	.1	.0	.0	.1
246.	*	.1	.2	.6	.5	.3	.5	.3	.2	.5	.5	.2	.3	.4	.3	.0	.0	.0	.0	.0	.1
251.	*	.1	.2	.5	.5	.3	.5	.3	.2	.4	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.1
256.	*	.1	.1	.6	.5	.5	.6	.3	.3	.2	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.1
261.	*	.1	.2	.6	.4	.5	.5	.2	.1	.2	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.2
266.	*	.1	.2	.5	.3	.4	.7	.3	.1	.2	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.2
271.	*	.1	.3	.5	.3	.5	.8	.3	.1	.1	.1	.2	.3	.4	.3	.0	.0	.0	.0	.0	.2
276.	*	.1	.2	.4	.3	.6	.8	.3	.1	.1	.2	.3	.3	.5	.3	.0	.0	.0	.0	.0	.2
281.	*	.1	.2	.4	.3	.7	.8	.3	.1	.1	.2	.3	.3	.5	.3	.0	.0	.0	.0	.0	.2
286.	*	.1	.2	.2	.2	.7	.8	.3	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.2
291.	*	.0	.2	.2	.2	.8	.8	.3	.1	.1	.2	.3	.3	.5	.3	.0	.0	.0	.0	.0	.1
296.	*	.0	.2	.2	.3	.9	.8	.3	.1	.1	.2	.3	.3	.5	.4	.0	.0	.0	.0	.0	.1
301.	*	.1	.3	.3	.4	.9	.8	.3	.1	.1	.2	.3	.4	.6	.4	.0	.0	.0	.0	.1	.1
306.	*	.2	.4	.3	.4	.9	.8	.3	.1	.1	.2	.3	.4	.6	.4	.0	.0	.0	.0	.1	.2
311.	*	.2	.4	.3	.6	.9	.8	.2	.0	.1	.2	.3	.4	.6	.4	.0	.0	.1	.0	.1	.2
316.	*	.2	.3	.5	.7	.9	.8	.2	.0	.1	.2	.3	.4	.6	.4	.0	.0	.1	.0	.1	.2
321.	*	.2	.2	.5	.6	.8	.8	.2	.0	.1	.1	.3	.3	.5	.3	.1	.0	.2	.0	.1	.2
326.	*	.1	.3	.4	.7	.8	.7	.2	.0	.0	.1	.2	.2	.4	.2	.1	.0	.3	.0	.1	.2
331.	*	.0	.4	.4	.6	.7	.7	.2	.0	.0	.0	.1	.2	.3	.2	.2	.1	.4	.0	.1	.3
336.	*	.0	.3	.3	.6	.7	.5	.2	.0	.0	.0	.1	.2	.1	.2	.1	.2	.4	.0	.1	.3
341.	*	.0	.3	.3	.5	.7	.5	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.1	.3
346.	*	.0	.3	.3	.5	.7	.5	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.3	.3
351.	*	.0	.2	.3	.6	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
356.	*	.0	.2	.3	.6	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3
361.	*	.0	.1	.3	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
MAX	*	.2	.4	.6	.7	.9	.8	.3	.4	1.3	1.3	.8	.6	.8	.4	.6	.5	.7	.3	.3	.6
DEGR.	*	305	305	245	0	295	270	240	220	210	180	75	190	165	155	140	100	80	75	0	35

1

JOB: S30 B115PM JEFF/PROS/PEARL

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .9 .5 .2 .4 .8 .4 .6 .5 .1 .0 .3 .4
6. * .9 .5 .2 .5 .8 .2 .4 .5 .1 .0 .3 .4
11. * .9 .4 .2 .6 .9 .1 .3 .5 .1 .0 .4 .5
16. * .8 .3 .3 .7 .9 .0 .2 .5 .0 .0 .4 .5
21. * .7 .2 .4 .7 .7 .0 .2 .4 .0 .0 .3 .5
26. * .7 .3 .6 .8 .7 .0 .2 .0 .0 .0 .2 .6
31. * .6 .3 .6 .8 .7 .0 .2 .0 .0 .0 .2 .5
36. * .5 .3 .6 .7 .6 .0 .1 .0 .0 .0 .1 .5
41. * .5 .3 .6 .7 .5 .0 .0 .0 .0 .0 .1 .4
46. * .6 .3 .6 .7 .5 .0 .0 .0 .0 .0 .0 .4
51. * .3 .2 .6 .7 .3 .0 .0 .0 .0 .0 .0 .3
56. * .2 .2 .5 .6 .3 .0 .0 .0 .0 .0 .0 .2
61. * .1 .2 .6 .6 .3 .0 .0 .0 .0 .0 .0 .3
66. * .0 .1 .5 .6 .1 .0 .0 .0 .0 .0 .0 .3
71. * .0 .1 .5 .6 .1 .0 .0 .0 .0 .0 .0 .3
76. * .1 .1 .6 .7 .0 .0 .0 .0 .0 .0 .0 .2
81. * .1 .1 .6 .7 .0 .0 .0 .0 .0 .0 .0 .2
86. * .1 .2 .6 .6 .0 .0 .0 .0 .0 .0 .0 .2
91. * .2 .1 .6 .6 .0 .0 .0 .0 .0 .0 .0 .2
96. * .2 .1 .6 .6 .0 .0 .0 .0 .0 .0 .0 .1
101. * .2 .2 .6 .6 .0 .0 .0 .0 .0 .0 .0 .1
106. * .2 .2 .7 .7 .0 .0 .0 .0 .0 .0 .0 .1
111. * .3 .3 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0
116. * .3 .3 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0
121. * .3 .5 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0
126. * .3 .6 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0
131. * .3 .6 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0
136. * .2 .6 .8 .7 .0 .0 .0 .0 .0 .0 .0 .0
141. * .2 .6 .8 .7 .0 .0 .1 .0 .0 .0 .0 .0
146. * .2 .6 .7 .6 .0 .0 .1 .0 .0 .0 .1 .1
151. * .1 .6 .7 .6 .0 .0 .1 .0 .0 .0 .1 .3
156. * .1 .5 .6 .4 .0 .0 .2 .0 .0 .0 .2 .4
161. * .0 .4 .6 .3 .0 .0 .4 .0 .0 .0 .4 .5
166. * .0 .2 .4 .3 .0 .0 .5 .0 .0 .0 .5 .6
171. * .0 .1 .3 .2 .0 .0 .7 .1 .0 .0 .7 .7
176. * .0 .1 .2 .1 .0 .0 .8 .2 .0 .0 .8 .8
181. * .0 .0 .2 .0 .0 .0 .9 .2 .0 .0 .9 .8
186. * .0 .0 .0 .0 .0 .0 .1 .0 .3 .0 .1 .8
191. * .0 .0 .0 .0 .0 .0 .1 .0 .4 .1 .0 .7
196. * .0 .0 .0 .0 .0 .0 .1 .0 .4 .1 .0 .6
201. * .0 .0 .0 .0 .0 .0 .1 .0 .4 .1 .0 .5
206. * .0 .0 .0 .0 .0 .0 .1 .0 .4 .2 .0 .4

```

1

JOB: S30 B115PM JEFF/PROS/PEARL

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .9 .4 .2 .0 .9 .3
216. * .0 .0 .0 .0 .0 .0 .9 .4 .2 .0 .9 .2
221. * .0 .0 .0 .0 .0 .0 .9 .4 .2 .0 .8 .2
226. * .0 .0 .0 .0 .0 .0 .8 .4 .2 .0 .8 .2
231. * .0 .0 .0 .0 .0 .0 .8 .4 .2 .0 .8 .1
236. * .0 .0 .0 .0 .0 .0 .8 .4 .2 .0 .8 .1
241. * .0 .0 .0 .0 .0 .0 .8 .4 .2 .0 .7 .1
246. * .0 .1 .0 .0 .0 .0 .8 .3 .2 .0 .7 .2
251. * .1 .3 .0 .0 .0 .0 .8 .3 .2 .1 .7 .2
256. * .2 .4 .0 .0 .0 .0 .8 .3 .2 .1 .8 .4
261. * .2 .5 .0 .0 .0 .0 .8 .3 .2 .1 .8 .5
266. * .2 .6 .0 .0 .0 .0 .8 .3 .2 .1 .8 .7
271. * .2 .6 .1 .0 .0 .0 .8 .3 .2 .1 .8 .7
276. * .3 .7 .1 .0 .0 .1 .8 .3 .3 .1 .9 .6
281. * .4 .7 .2 .0 .0 .1 .8 .4 .3 .1 .9 .6
286. * .4 .7 .2 .0 .0 .2 .8 .2 .2 .1 .9 .5
291. * .4 .7 .3 .0 .0 .2 .8 .2 .2 .1 1.0 .4
296. * .5 .7 .4 .0 .0 .2 .9 .2 .2 .1 1.0 .3
301. * .5 .7 .4 .0 .0 .3 1.0 .2 .2 .1 1.0 .4
306. * .6 .7 .4 .0 .0 .4 1.0 .2 .2 .1 .9 .4
311. * .6 .7 .4 .1 .0 .4 1.0 .2 .2 .1 .8 .4
316. * .7 .8 .4 .1 .0 .5 1.2 .2 .3 .2 .9 .5
321. * .8 .8 .4 .2 .0 .7 1.2 .3 .4 .2 .8 .4
326. * .8 .8 .5 .2 .1 .8 1.3 .4 .3 .2 .8 .4
331. * .9 .9 .5 .3 .1 .9 1.3 .4 .3 .1 .6 .3
336. * .9 .9 .5 .3 .2 .9 1.2 .4 .3 .0 .6 .3
341. * 1.0 .9 .6 .3 .4 .8 .9 .3 .1 .0 .5 .3
346. * 1.0 .7 .4 .3 .5 .8 .9 .4 .1 .0 .5 .3
351. * 1.0 .7 .3 .4 .5 .7 .7 .5 .1 .0 .3 .2
356. * 1.0 .6 .3 .4 .6 .5 .6 .6 .1 .0 .4 .4
361. * .9 .5 .2 .4 .8 .4 .6 .5 .1 .0 .3 .4

```

```

MAX * 1.0 .9 .8 .8 .9 .9 1.3 .6 .4 .2 1.0 .8
DEGR. * 340 330 135 25 10 330 325 355 320 315 185 175

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 210 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 180 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 325 DEGREES FROM REC27.

1

JOB: S30 B115PM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:12:20.41

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

		S30B115P.OUT																			
LINK	#	305	305	245	0	295	270	240	220	210	180	75	190	165	155	140	100	80	75	0	35
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0
2	*	.1	.2	.0	.0	.2	.1	.0	.0	.0	.0	.0	.2	.5	.3	.0	.0	.1	.0	.1	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.1	.0	.2
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	.1	.1	.0	.4	.4	.4	.1	.1	.9	.7	.6	.0	.0	.0	.0	.0	.2	.1	.0	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B115PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:12:20.41

RUN: S30 B115PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
		340	330	135	25	10	330	325	355	320	315	185	175
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.3	.0	.0	.0	.1	.2	.0	.2	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.5	.4	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.6	.5	.6	.6	.9	.0	.0	.9	.7	.7
20	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B215A.DAT

S30	B215AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2		SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4		SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B215AM	JEFFERSON PROSPECT PEARL	23	1	1

1		Ex ParkLotAG191015.634302.190920.634432.	550	2.9	0. 44. 30.
2		Ex ParkLotAG190984.634344.190941.634404.	0. 24. 2		
150	125	4.0 550 32.2 1620 3 3			
0	1	Entra ParkAG191032.634315.190971.634411.	825	2.9	0. 44. 30.
1		Jeff EBL AG191027.634306.190822.634172.	575	2.9	0. 32. 30.
2		Jeff EBL AG190961.634263.190859.634197.	0. 12. 1		
150	93	4.0 575 32.2 1770 3 3			
1		Jeff EBT AG191034.634295.190827.634154.	2350	2.9	0. 56. 30.
2		Jeff EBT AG190999.634272.190850.634170.	0. 36. 3		
150	62	4.0 2350 32.2 1707 3 3			
0	1	Jeff EB aLAG190824.634155.190643.634041.	2925	2.9	0. 56. 30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	1600	2.9	0. 56. 30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	1600	2.9	0. 56. 30.
0	1	Jeff WBL AG191033.634306.191213.634414.	25	2.9	0. 12. 30.
0	2	Jeff WBL AG191067.634326.191148.634375.	0. 12. 1		
150	142	4.0 25 32.2 1770 3 3			
1		Jeff WBT AG191016.634321.191207.634431.	1000	2.9	0. 56. 30.
2		Jeff WBT AG191055.634343.191154.634401.	0. 36. 3		
150	112	4.0 1000 32.2 1689 3 3			
1		Jeff WBALLAG191214.634431.191290.634472.	1025	2.9	0. 56. 30.
0	1	Jeff WBALLAG191291.634473.191420.634557.	1025	2.9	0. 44. 30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1650	2.9	0. 56. 30.
0	1	Prosp NB AG191041.634310.191106.633931.	550	2.9	0. 56. 30.
0	2	Prosp NB AG191059.634206.191079.634087.	0. 36. 3		
150	125	4.0 550 32.2 1620 3 3			
1		Prosp SB dAG191084.633933.191013.634293.	825	2.9	0. 44. 30.
1		Pearl NB AG191051.634294.191421.634085.	175	2.9	0. 44. 30.
2		Pearl NB AG191092.634272.191209.634205.	0. 24. 2		
150	128	5.0 175 32.2 1729 3 3			
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.9	0. 44. 30.
1.0	.54	1000. 0.0Y 5 0 72			

JOB: S30 B215AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:16:32.24

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	550.	2.9	.0	44.0	
2.	Ex ParkLot*	190984.0	634344.0	190418.9	635132.7	*	970.	324. AG	144.	100.0	.0	24.0	1.34 49.3
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	825.	2.9	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	575.	2.9	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190653.7	634064.2	*	366.	237. AG	54.	100.0	.0	12.0	.96 18.6
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	2350.	2.9	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	190779.1	634121.5	*	267.	236. AG	107.	100.0	.0	36.0	.84 13.5
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	2925.	2.9	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	1600.	2.9	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	1600.	2.9	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.9	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191122.3	634359.5	*	65.	59. AG	82.	100.0	.0	12.0	1.09 3.3
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1000.	2.9	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191270.5	634469.2	*	250.	60. AG	193.	100.0	.0	36.0	.93 12.7
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1025.	2.9	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1025.	2.9	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1650.	2.9	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	550.	2.9	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191084.7	634053.2	*	155.	170. AG	216.	100.0	.0	36.0	.89 7.9
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	825.	2.9	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	175.	2.9	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191144.8	634241.8	*	61.	120. AG	147.	100.0	.0	24.0	.51 3.1
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.9	.0	44.0	

JOB: S30 B215AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:16:32.24

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	150	125	4.0	550	1620	32.20	3	3
5.	Jeff EBL*	150	93	4.0	575	1770	32.20	3	3
7.	Jeff EBT*	150	62	4.0	2350	1707	32.20	3	3
12.	Jeff WBL*	150	142	4.0	25	1770	32.20	3	3
14.	Jeff WBT*	150	112	4.0	1000	1689	32.20	3	3
19.	Prosp NB*	150	125	4.0	550	1620	32.20	3	3
22.	Pearl NB*	150	128	5.0	175	1729	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B215AM JEFF/PROS/PEARL

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
6.	.0	.2	.3	.8	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
11.	.0	.1	.3	.8	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
16.	.0	.1	.3	.8	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
21.	.0	.2	.3	.8	.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
26.	.0	.2	.3	.7	.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.9
31.	.0	.0	.3	.7	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.7	.9
36.	.0	.0	.2	.5	.7	.5	.1	.0	.1	.1	.0	.0	.0	.0	.2	.1	.3	.1	.6	.9
41.	.0	.0	.2	.5	.6	.3	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.3	.1	.7	.8
46.	.0	.0	.1	.5	.5	.3	.1	.1	.1	.3	.1	.0	.0	.0	.2	.1	.3	.1	.8	.5
51.	.0	.0	.0	.5	.5	.2	.1	.1	.2	.4	.1	.0	.0	.0	.2	.1	.4	.1	.6	.5
56.	.0	.0	.0	.4	.4	.2	.1	.1	.4	.5	.3	.0	.0	.0	.3	.2	.3	.1	.5	.4
61.	.0	.0	.0	.3	.4	.2	.1	.1	.6	.7	.4	.0	.0	.0	.2	.2	.4	.2	.3	.3
66.	.0	.0	.0	.1	.3	.1	.0	.1	.8	.9	.6	.1	.0	.0	.3	.2	.5	.1	.3	.2
71.	.0	.0	.0	.1	.2	.1	.0	.1	1.0	1.0	.7	.1	.0	.0	.3	.1	.6	.2	.1	.1
76.	.0	.0	.0	.1	.1	.1	.0	.1	1.1	1.1	.7	.2	.0	.0	.3	.2	.6	.3	.1	.1
81.	.0	.0	.0	.0	.1	.1	.0	.1	1.1	1.1	.8	.2	.1	.0	.3	.2	.7	.3	.1	.1
86.	.0	.0	.0	.0	.1	.0	.0	.1	1.1	1.2	.8	.3	.1	.0	.3	.4	.6	.3	.1	.1
91.	.0	.0	.0	.0	.1	.0	.0	.1	1.0	1.1	.9	.3	.1	.0	.3	.3	.4	.4	.0	.2
96.	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.9	.3	.1	.0	.2	.3	.3	.4	.0	.2
101.	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.9	.3	.2	.0	.2	.4	.3	.4	.0	.1
106.	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.8	.5	.2	.0	.2	.4	.4	.4	.0	.1
111.	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.8	.4	.2	.0	.3	.4	.3	.4	.0	.1
116.	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.2	.1	.4	.4	.3	.3	.0	.1
121.	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.7	.3	.1	.1	.4	.5	.3	.3	.0	.0
126.	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.8	.3	.1	.1	.4	.5	.3	.3	.0	.0
131.	.0	.0	.0	.2	.0	.0	.0	.2	.8	.8	.7	.3	.2	.1	.4	.4	.4	.2	.0	.0
136.	.0	.0	.0	.2	.0	.0	.0	.2	.8	.8	.7	.4	.2	.2	.4	.3	.4	.2	.0	.0
141.	.0	.0	.0	.3	.0	.0	.0	.2	.8	.9	.5	.4	.3	.2	.4	.3	.5	.2	.0	.0
146.	.0	.0	.0	.3	.0	.0	.0	.2	.8	.9	.4	.5	.3	.2	.4	.3	.6	.2	.0	.0
151.	.0	.0	.0	.4	.0	.0	.0	.2	.9	.9	.5	.3	.4	.2	.4	.3	.6	.2	.0	.0
156.	.0	.0	.0	.4	.0	.0	.0	.2	.8	1.0	.5	.2	.6	.3	.5	.3	.4	.2	.0	.0
161.	.0	.0	.1	.4	.0	.0	.0	.2	.8	1.0	.3	.2	.8	.3	.4	.4	.5	.2	.0	.0
166.	.0	.0	.1	.5	.0	.0	.0	.2	.8	1.0	.4	.3	.9	.4	.4	.4	.5	.2	.0	.0
171.	.0	.0	.1	.5	.1	.0	.0	.2	.8	1.1	.8	.5	.7	.4	.4	.4	.4	.2	.0	.0
176.	.0	.0	.1	.6	.1	.0	.0	.2	.8	1.1	.7	.6	.8	.4	.4	.4	.4	.2	.0	.0
181.	.0	.0	.2	.6	.2	.0	.0	.2	.9	1.1	.5	.6	.8	.3	.4	.4	.5	.2	.0	.0
186.	.0	.0	.3	.6	.2	.0	.0	.2	1.1	1.3	.5	.5	.8	.3	.4	.4	.5	.2	.0	.0
191.	.0	.0	.4	.6	.2	.0	.0	.2	1.1	1.1	.6	.6	.7	.3	.4	.4	.5	.0	.0	.0
196.	.0	.0	.5	.6	.4	.1	.0	.3	1.1	1.1	.5	.6	.7	.3	.4	.3	.5	.0	.0	.0
201.	.0	.0	.5	.5	.4	.1	.0	.3	1.2	1.1	.5	.6	.6	.3	.5	.3	.5	.0	.0	.0
206.	.0	.1	.7	.4	.5	.2	.0	.3	1.1	1.2	.5	.6	.5	.3	.4	.2	.6	.0	.0	.0

1

JOB: S30 B215AM JEFF/PROS/PEARL

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	.0	.1	.7	.3	.4	.2	.0	.4	1.2	1.0	.5	.7	.4	.3	.4	.2	.7	.0	.0	.0
216.	.0	.1	.7	.2	.3	.3	.0	.5	1.2	1.0	.6	.7	.4	.3	.4	.2	.6	.0	.0	.0
221.	.0	.2	.6	.2	.3	.3	.2	.5	1.3	1.0	.7	.6	.4	.3	.2	.1	.6	.0	.0	.0
226.	.0	.2	.6	.2	.4	.3	.2	.4	1.3	.9	.6	.5	.4	.3	.2	.1	.5	.0	.0	.1
231.	.0	.2	.6	.3	.5	.4	.2	.5	1.1	.8	.7	.5	.4	.3	.1	.0	.2	.0	.0	.1
236.	.0	.2	.5	.3	.4	.5	.3	.5	1.0	.7	.6	.4	.4	.3	.1	.0	.1	.0	.0	.1
241.	.0	.2	.6	.5	.5	.4	.4	.5	.8	.7	.3	.4	.4	.3	.0	.0	.1	.0	.0	.3
246.	.0	.2	.7	.7	.5	.6	.4	.3	.6	.5	.3	.4	.4	.3	.0	.0	.0	.0	.0	.3
251.	.0	.2	.6	.7	.5	.6	.4	.3	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.4
256.	.0	.2	.7	.7	.7	.7	.4	.3	.3	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.6
261.	.1	.4	.7	.4	.7	.7	.5	.2	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.0	.7
266.	.1	.4	.7	.4	.6	.7	.6	.1	.2	.1	.3	.4	.4	.3	.0	.0	.0	.0	.1	.7
271.	.1	.5	.6	.4	.7	.7	.5	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.1	.8
276.	.1	.4	.6	.4	.7	.8	.5	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.8
281.	.1	.4	.5	.5	.8	.8	.4	.1	.1	.2	.4	.4	.5	.3	.0	.0	.0	.0	.1	.8
286.	.1	.3	.5	.4	.8	.8	.4	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.8
291.	.0	.3	.3	.3	1.0	.8	.4	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.1	.7
296.	.0	.3	.3	.3	1.0	.8	.4	.1	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.1	.7
301.	.1	.4	.4	.5	.9	.8	.3	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.2	.7
306.	.2	.4	.4	.5	.9	.8	.2	.0	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.2	.8
311.	.2	.5	.4	.7	.9	.8	.2	.0	.1	.2	.4	.4	.6	.4	.0	.0	.1	.0	.2	.7
316.	.2	.5	.6	.7	.8	.8	.2	.0	.1	.1	.4	.4	.6	.3	.0	.0	.1	.0	.2	.7
321.	.2	.3	.6	.7	.8	.6	.3	.0	.0	.1	.3	.3	.5	.3	.1	.0	.2	.0	.2	.7
326.	.1	.4	.5	.9	.7	.6	.3	.0	.0	.1	.2	.2	.4	.2	.1	.0	.3	.0	.2	.7
331.	.1	.3	.5	.8	.6	.6	.3	.0	.0	.0	.1	.1	.3	.1	.2	.1	.3	.0	.2	.7
336.	.1	.3	.4	.7	.6	.6	.3	.0	.0	.0	.1	.2	.1	.2	.1	.2	.1	.4	.0	.3
341.	.0	.3	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.0	.4	.8
346.	.0	.3	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.0	.4	.8
351.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.5	.8
356.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.5	.8
361.	.0	.2	.3	.6	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.6	.8
MAX	.2	.5	.7	.9	1.0	.8	.6	.5	1.3	1.3	.9	.7	.9	.4	.5	.5	.7	.4	.8	.9
DEGR.	305	270	205	325	290	275	265	215	220	185	90	210	165	165	155	120	80	90	45	35

1

JOB: S30 B215AM JEFF/PROS/PEARL

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .8 .6 .2 .4 .5 .2 .5 .6 .1 .0 .3 .3
6. * .7 .6 .3 .4 .5 .2 .4 .6 .1 .0 .4 .4
11. * .7 .5 .3 .5 .5 .1 .3 .6 .1 .0 .4 .5
16. * .7 .5 .3 .7 .5 .1 .3 .6 .1 .0 .4 .5
21. * .7 .3 .4 .8 .4 .0 .3 .6 .1 .0 .5 .5
26. * .6 .5 .5 .8 .3 .0 .1 .4 .0 .0 .4 .5
31. * .5 .5 .6 .8 .2 .0 .1 .3 .0 .0 .2 .5
36. * .6 .5 .6 .7 .1 .0 .0 .3 .0 .0 .2 .4
41. * .6 .5 .6 .6 .1 .0 .0 .3 .0 .0 .2 .5
46. * .6 .5 .5 .6 .1 .0 .0 .1 .0 .0 .1 .4
51. * .5 .4 .6 .6 .1 .0 .0 .1 .0 .0 .1 .4
56. * .3 .4 .5 .6 .1 .0 .0 .1 .0 .0 .0 .4
61. * .3 .4 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
66. * .1 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
71. * .2 .2 .5 .6 .1 .0 .0 .0 .0 .0 .0 .3
76. * .2 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
81. * .1 .2 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
86. * .2 .3 .6 .6 .1 .0 .0 .0 .0 .0 .0 .3
91. * .2 .3 .6 .6 .0 .0 .0 .0 .0 .0 .0 .2
96. * .2 .2 .6 .6 .0 .0 .0 .0 .0 .0 .0 .2
101. * .2 .3 .6 .6 .0 .0 .0 .0 .0 .0 .0 .1
106. * .2 .3 .6 .6 .0 .0 .0 .0 .0 .0 .0 .1
111. * .3 .4 .6 .5 .0 .0 .0 .0 .0 .0 .0 .1
116. * .3 .4 .6 .5 .0 .0 .0 .0 .0 .0 .0 .0
121. * .2 .5 .6 .5 .0 .0 .0 .0 .0 .0 .0 .0
126. * .2 .5 .6 .4 .0 .0 .0 .0 .0 .0 .0 .0
131. * .2 .5 .6 .4 .0 .0 .0 .0 .0 .0 .0 .0
136. * .2 .5 .7 .3 .0 .0 .0 .0 .0 .0 .0 .0
141. * .1 .5 .7 .3 .0 .0 .0 .0 .0 .0 .0 .0
146. * .1 .5 .7 .2 .0 .0 .1 .0 .0 .0 .0 .1
151. * .0 .4 .6 .2 .0 .0 .1 .0 .0 .0 .1 .1
156. * .0 .4 .4 .1 .0 .0 .1 .0 .0 .0 .1 .3
161. * .0 .3 .3 .1 .0 .0 .1 .0 .0 .0 .2 .4
166. * .0 .2 .3 .1 .0 .0 .3 .0 .0 .0 .4 .5
171. * .0 .2 .2 .1 .0 .0 .4 .0 .0 .0 .5 .6
176. * .0 .0 .2 .1 .0 .0 .5 .1 .0 .0 .7 .7
181. * .0 .0 .1 .1 .0 .0 .6 .1 .0 .0 .8 .8
186. * .0 .0 .1 .0 .0 .0 .6 .2 .0 .0 .9 .8
191. * .0 .0 .0 .0 .0 .0 .8 .2 .0 .0 1.0 .7
196. * .0 .0 .0 .0 .0 .0 .8 .3 .0 .0 1.1 .7
201. * .0 .0 .0 .0 .0 .0 .9 .4 .0 .0 1.1 .6
206. * .0 .0 .0 .0 .0 .0 .9 .4 .0 .0 1.0 .5

```

1

JOB: S30 B215AM JEFF/PROS/PEARL

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .9 .4 .1 .0 1.0 .4
216. * .0 .0 .0 .0 .0 .0 .9 .4 .1 .0 1.0 .3
221. * .0 .0 .0 .0 .0 .0 .9 .4 .1 .0 1.0 .3
226. * .0 .0 .0 .0 .0 .0 .9 .4 .2 .0 .9 .3
231. * .3 .1 .0 .0 .0 .0 .9 .4 .2 .0 .9 .2
236. * .3 .3 .0 .0 .0 .0 .9 .4 .2 .0 .9 .3
241. * .4 .3 .0 .0 .0 .0 .9 .4 .2 .0 .9 .4
246. * .6 .5 .1 .0 .0 .0 .9 .4 .2 .0 .9 .4
251. * .7 .7 .2 .0 .0 .0 .9 .4 .2 .0 .9 .7
256. * .8 .8 .2 .0 .0 .0 .9 .4 .2 .0 1.1 .6
261. * .8 .7 .3 .0 .0 .0 .9 .4 .2 .0 1.1 .7
266. * .8 .7 .5 .1 .0 .0 .9 .5 .3 .1 1.1 .7
271. * .7 .7 .4 .1 .0 .0 1.0 .4 .3 .1 1.1 .7
276. * .7 .7 .5 .2 .0 .0 1.0 .4 .4 .1 1.2 .6
281. * .7 .7 .5 .2 .0 .0 1.0 .4 .4 .1 1.1 .6
286. * .7 .7 .5 .1 .0 .0 1.0 .3 .3 .1 1.1 .5
291. * .7 .7 .4 .1 .0 .1 1.1 .3 .3 .1 1.1 .5
296. * .7 .7 .4 .2 .0 .1 1.2 .3 .3 .1 1.1 .5
301. * .7 .6 .3 .2 .0 .2 1.2 .3 .2 .1 1.1 .5
306. * .7 .6 .3 .2 .0 .2 1.2 .2 .2 .1 1.1 .4
311. * .7 .5 .3 .2 .0 .3 1.3 .3 .2 .2 1.0 .5
316. * .7 .6 .4 .2 .1 .3 1.4 .3 .3 .2 1.0 .5
321. * .8 .6 .4 .3 .1 .5 1.4 .3 .4 .2 .8 .6
326. * .8 .7 .5 .3 .2 .5 1.5 .5 .3 .1 .8 .6
331. * .8 .7 .6 .3 .2 .5 1.4 .5 .3 .1 .7 .5
336. * .9 .8 .6 .5 .3 .5 1.1 .5 .2 .1 .6 .4
341. * .9 .8 .6 .5 .3 .5 1.0 .4 .2 .1 .5 .4
346. * .9 .7 .5 .4 .3 .4 1.0 .6 .1 .0 .5 .4
351. * .9 .7 .4 .4 .4 .4 .7 .6 .1 .0 .4 .3
356. * .9 .6 .3 .3 .3 .4 .7 .6 .1 .0 .4 .4
361. * .8 .6 .2 .4 .5 .2 .5 .6 .1 .0 .3 .3

```

```

MAX * .9 .8 .7 .8 .5 .5 1.5 .6 .4 .2 1.2 .8
DEGR. * 335 255 135 20 0 320 325 0 275 310 275 180

```

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 325 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 185 DEGREES FROM REC10.
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 220 DEGREES FROM REC9 .

1

JOB: S30 B215AM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:16:32.24

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

		S30B215A.OUT																			
LINK	#	305	270	205	325	290	275	265	215	220	185	90	210	165	165	155	120	80	90	45	35
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.3	.5	.4	.0	.0	.1	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
6	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	.1	.3
7	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.1	.3
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
9	*	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.2	.2	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	.1	.0	.0	.3	.4	.4	.2	.1	.8	.7	.6	.0	.0	.0	.0	.0	.3	.0	.1	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B215AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:16:32.24

RUN: S30 B215AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
LINK #	*	REC21 335	REC22 255	REC23 135	REC24 20	REC25 0	REC26 320	REC27 325	REC28 0	REC29 275	REC30 310	REC31 275	REC32 180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0
7	*	.3	.3	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0
8	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.0	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.5	.4	.2	.1	.9	.0	.2	.0	.7	.6
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B215P.DAT

S30	B215PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B215PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	700	2.9	0.	44.	30.	
2	Ex ParkLotAG190984.634344.190941.634404.	0.	24.	2			
100	80 4.0 700 32.2 1620 3 3						
0	1	Entra ParkAG191032.634315.190971.634411.	600	2.9	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	175	2.9	0.	32.	30.	
2	Jeff EBL AG190961.634263.190859.634197.	0.	12.	1			
100	83 4.0 175 32.2 1770 3 3						
1	Jeff EBT AG191034.634295.190827.634154.	700	2.9	0.	56.	30.	
2	Jeff EBT AG190999.634272.190850.634170.	0.	36.	3			
100	72 4.0 700 32.2 1707 3 3						
0	1	Jeff EB aLAG190824.634155.190643.634041.	875	2.9	0.	56.	30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	600	2.9	0.	56.	30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	600	2.9	0.	56.	30.
0	1	Jeff WBL AG191033.634306.191213.634414.	100	2.9	0.	12.	30.
2	Jeff WBL AG191067.634326.191148.634375.	0.	12.	1			
100	89 4.0 100 32.2 1770 3 3						
1	Jeff WBT AG191016.634321.191207.634431.	825	2.9	0.	56.	30.	
2	Jeff WBT AG191055.634343.191154.634401.	0.	36.	3			
100	77 4.0 825 32.2 1672 3 3						
1	Jeff WBALLAG191214.634431.191290.634472.	925	2.9	0.	56.	30.	
0	1	Jeff WBALLAG191291.634473.191420.634557.	925	2.9	0.	44.	30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1500	2.9	0.	56.	30.
0	1	Prosp NB AG191041.634310.191106.633931.	700	2.9	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.	0.	36.	3			
100	80 4.0 700 32.2 1620 3 3						
1	Prosp SB dAG191084.633933.191013.634293.	500	2.9	0.	44.	30.	
1	Pearl NB AG191051.634294.191421.634085.	225	2.9	0.	44.	30.	
2	Pearl NB AG191092.634272.191209.634205.	0.	24.	2			
100	78 5.0 225 32.2 1686 3 3						
0	1	Pearl SBdpAG191419.634065.191034.634282.	100	2.9	0.	44.	30.
1.0	.54 1000. 0.0Y 5 0 72						

JOB: S30 B215PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:18:49.17

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*	*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	700.	2.9	.0	44.0	
2. Ex ParkLot*	*	190984.0	634344.0	190117.8	635552.9	*	1487.	324. AG	138.	100.0	.0	24.0	1.55 75.5
3. 0 Entra Park*	*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	600.	2.9	.0	44.0	
4. Jeff EBL*	*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	175.	2.9	.0	32.0	
5. Jeff EBL*	*	190961.0	634263.0	190867.2	634202.3	*	112.	237. AG	72.	100.0	.0	12.0	.90 5.7
6. Jeff EBT*	*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	700.	2.9	.0	56.0	
7. Jeff EBT*	*	190999.0	634272.0	190923.3	634220.2	*	92.	236. AG	187.	100.0	.0	36.0	.62 4.7
8. 0 Jeff EB al*	*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	875.	2.9	.0	56.0	
9. 0 Jeff EB dp*	*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	600.	2.9	.0	56.0	
10. 0 Jeff EB dp*	*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	600.	2.9	.0	56.0	
11. 0 Jeff WBL*	*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	100.	2.9	.0	12.0	
12. Jeff WBL*	*	191067.0	634326.0	191254.3	634439.3	*	219.	59. AG	77.	100.0	.0	12.0	1.14 11.1
13. Jeff WBT*	*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	825.	2.9	.0	56.0	
14. Jeff WBT*	*	191055.0	634343.0	191209.7	634433.6	*	179.	60. AG	200.	100.0	.0	36.0	.97 9.1
15. Jeff WBALL*	*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	925.	2.9	.0	56.0	
16. 0 Jeff WBALL*	*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	925.	2.9	.0	44.0	
17. 0 Jeff Wbdp*	*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1500.	2.9	.0	56.0	
18. 0 Prosp NB*	*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	700.	2.9	.0	56.0	
19. 0 Prosp NB*	*	191059.0	634206.0	191099.9	633963.0	*	246.	170. AG	207.	100.0	.0	36.0	1.03 12.5
20. 0 Prosp SB d*	*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	500.	2.9	.0	44.0	
21. Pearl NB*	*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	225.	2.9	.0	44.0	
22. Pearl NB*	*	191092.0	634272.0	191133.5	634248.3	*	48.	120. AG	135.	100.0	.0	24.0	.44 2.4
23. 0 Pearl SBdp*	*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	100.	2.9	.0	44.0	

JOB: S30 B215PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:18:49.17

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*	*	100	80	4.0	700	1620	32.20	3	3
5. Jeff EBL*	*	100	83	4.0	175	1770	32.20	3	3
7. Jeff EBT*	*	100	72	4.0	700	1707	32.20	3	3
12. Jeff WBL*	*	100	89	4.0	100	1770	32.20	3	3
14. Jeff WBT*	*	100	77	4.0	825	1672	32.20	3	3
19. 0 Prosp NB*	*	100	80	4.0	700	1620	32.20	3	3
22. Pearl NB*	*	100	78	5.0	225	1686	32.20	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B215PM JEFF/PROS/PEARL

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1.	.0	.1	.3	.7	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
6.	.0	.1	.3	.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.4
11.	.0	.1	.3	.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.4
16.	.0	.0	.3	.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
21.	.0	.0	.2	.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
26.	.0	.0	.2	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.5
31.	.0	.0	.2	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.4
36.	.0	.0	.0	.5	.4	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.6
41.	.0	.0	.0	.4	.4	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.3	.1	.2	.5
46.	.0	.0	.0	.4	.3	.1	.0	.1	.1	.1	.1	.0	.0	.0	.2	.1	.3	.1	.2	.4
51.	.0	.0	.0	.3	.3	.1	.0	.1	.1	.3	.1	.0	.0	.0	.2	.1	.5	.1	.1	.4
56.	.0	.0	.0	.3	.2	.1	.0	.1	.2	.4	.2	.0	.0	.0	.3	.1	.4	.1	.0	.2
61.	.0	.0	.0	.0	.1	.1	.0	.1	.3	.6	.4	.0	.0	.0	.2	.2	.5	.0	.0	.2
66.	.0	.0	.0	.0	.1	.1	.0	.1	.4	.8	.6	.0	.0	.0	.2	.2	.4	.1	.1	.2
71.	.0	.0	.0	.0	.0	.0	.0	.1	.5	.9	.7	.1	.0	.0	.3	.1	.6	.2	.1	.1
76.	.0	.0	.0	.0	.0	.0	.0	.1	.6	1.0	.8	.1	.0	.0	.4	.2	.6	.3	.1	.1
81.	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.2	.0	.0	.4	.3	.6	.2	.1	.1
86.	.0	.0	.0	.0	.0	.0	.0	.1	.7	1.0	.8	.2	.0	.0	.2	.3	.6	.2	.1	.1
91.	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.3	.1	.0	.2	.2	.5	.3	.1	.2
96.	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.1	.0	.2	.2	.2	.2	.1	.2
101.	.0	.0	.0	.0	.0	.0	.0	.1	.8	1.0	.8	.4	.1	.0	.2	.4	.2	.2	.0	.2
106.	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.2	.0	.2	.4	.1	.2	.0	.2
111.	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.2	.0	.2	.4	.1	.2	.0	.2
116.	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.7	.4	.2	.0	.3	.4	.1	.2	.0	.1
121.	.0	.0	.0	.0	.0	.0	.0	.1	.8	.9	.6	.3	.1	.1	.4	.4	.1	.2	.0	.1
126.	.0	.0	.0	.1	.0	.0	.0	.1	.8	.8	.6	.3	.1	.1	.4	.2	.3	.1	.0	.1
131.	.0	.0	.0	.1	.0	.0	.0	.1	.8	.8	.6	.2	.2	.1	.4	.2	.3	.1	.0	.1
136.	.0	.0	.0	.2	.0	.0	.0	.1	.8	.8	.6	.1	.2	.2	.5	.2	.3	.1	.0	.0
141.	.0	.0	.0	.2	.0	.0	.0	.1	.8	.8	.4	.2	.4	.2	.6	.2	.5	.1	.0	.0
146.	.0	.0	.0	.2	.0	.0	.0	.1	.9	.9	.3	.3	.4	.2	.6	.1	.5	.1	.0	.0
151.	.0	.0	.0	.3	.0	.0	.0	.1	.9	.9	.4	.3	.5	.3	.5	.1	.5	.1	.0	.0
156.	.0	.0	.0	.3	.0	.0	.0	.1	.9	.9	.4	.2	.7	.4	.5	.1	.6	.1	.0	.0
161.	.0	.0	.0	.3	.0	.0	.0	.1	.8	.9	.4	.3	.7	.4	.4	.1	.5	.1	.0	.0
166.	.0	.0	.0	.4	.0	.0	.0	.1	.8	1.0	.4	.3	.8	.3	.3	.1	.5	.1	.0	.0
171.	.0	.0	.0	.5	.0	.0	.0	.1	.8	1.0	.4	.4	.8	.3	.3	.1	.6	.1	.0	.0
176.	.0	.0	.1	.5	.1	.0	.0	.2	.8	1.1	.4	.5	.7	.3	.2	.1	.4	.1	.0	.0
181.	.0	.0	.1	.6	.2	.0	.0	.2	1.0	1.2	.4	.5	.6	.3	.2	.1	.4	.1	.0	.0
186.	.0	.0	.2	.6	.3	.1	.0	.2	1.0	1.1	.3	.4	.6	.3	.1	.1	.4	.0	.0	.0
191.	.0	.1	.2	.7	.3	.1	.0	.2	1.0	1.1	.4	.6	.5	.3	.1	.1	.4	.0	.0	.0
196.	.0	.1	.4	.6	.3	.1	.0	.2	1.1	1.0	.4	.6	.4	.3	.1	.1	.3	.0	.0	.0
201.	.0	.1	.4	.6	.3	.1	.0	.2	1.1	1.0	.4	.6	.4	.3	.1	.1	.3	.0	.0	.0
206.	.0	.2	.4	.5	.3	.2	.0	.3	1.1	1.1	.4	.5	.4	.3	.1	.1	.3	.0	.0	.0

1

JOB: S30 B215PM JEFF/PROS/PEARL

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
211.	.0	.2	.5	.4	.3	.2	.1	.3	1.2	.9	.4	.6	.4	.3	.1	.1	.2	.0	.0	.0
216.	.0	.2	.5	.3	.2	.2	.1	.3	1.1	.8	.4	.5	.4	.3	.1	.1	.1	.0	.0	.0
221.	.0	.2	.4	.2	.2	.2	.1	.4	1.2	.9	.4	.5	.4	.3	.1	.1	.2	.0	.0	.0
226.	.0	.2	.5	.0	.2	.2	.1	.4	1.1	.8	.4	.5	.4	.3	.1	.1	.1	.0	.0	.0
231.	.0	.2	.5	.1	.2	.3	.1	.3	1.1	.7	.4	.5	.4	.3	.1	.0	.1	.0	.0	.0
236.	.0	.2	.4	.1	.2	.2	.2	.3	.9	.6	.3	.4	.4	.3	.1	.0	.1	.0	.0	.0
241.	.0	.2	.4	.1	.3	.2	.3	.2	.7	.5	.3	.4	.4	.3	.0	.0	.1	.0	.0	.1
246.	.1	.2	.6	.3	.3	.5	.3	.2	.5	.5	.3	.4	.4	.3	.0	.0	.0	.0	.0	.1
251.	.1	.2	.5	.4	.3	.5	.3	.2	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.1
256.	.1	.1	.6	.3	.5	.6	.3	.3	.2	.2	.3	.3	.4	.3	.0	.0	.0	.0	.0	.1
261.	.1	.2	.5	.2	.5	.5	.2	.1	.2	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.1
266.	.1	.2	.5	.3	.4	.7	.3	.1	.2	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.2
271.	.1	.3	.5	.3	.5	.8	.3	.1	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.2
276.	.1	.2	.4	.3	.6	.8	.3	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.2
281.	.1	.2	.4	.3	.7	.8	.3	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.2
286.	.1	.2	.2	.2	.7	.8	.3	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.1
291.	.0	.2	.2	.2	.8	.8	.3	.1	.1	.2	.4	.3	.5	.3	.0	.0	.0	.0	.0	.1
296.	.0	.2	.2	.3	.9	.8	.3	.1	.1	.2	.4	.3	.5	.4	.0	.0	.0	.0	.0	.1
301.	.1	.3	.3	.4	.9	.8	.3	.1	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.0	.1
306.	.2	.4	.3	.4	.9	.8	.3	.1	.1	.2	.4	.4	.6	.4	.0	.0	.0	.0	.1	.1
311.	.2	.4	.3	.6	.9	.8	.2	.0	.1	.2	.3	.4	.6	.4	.0	.0	.1	.0	.1	.2
316.	.2	.3	.5	.7	.9	.8	.2	.0	.1	.2	.3	.4	.6	.4	.0	.0	.1	.0	.1	.2
321.	.2	.2	.5	.6	.8	.8	.2	.0	.1	.1	.3	.3	.5	.3	.1	.0	.2	.0	.1	.2
326.	.1	.3	.4	.7	.8	.7	.2	.0	.0	.1	.2	.2	.4	.2	.1	.0	.3	.0	.1	.2
331.	.0	.4	.4	.6	.7	.6	.2	.0	.0	.0	.1	.2	.3	.2	.2	.1	.4	.0	.1	.3
336.	.0	.3	.3	.6	.7	.5	.2	.0	.0	.0	.1	.2	.1	.2	.1	.2	.4	.0	.1	.3
341.	.0	.3	.3	.5	.7	.4	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.1	.3
346.	.0	.3	.3	.5	.7	.4	.2	.0	.0	.0	.0	.0	.1	.0	.2	.1	.4	.1	.3	.3
351.	.0	.3	.3	.6	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
356.	.0	.2	.3	.6	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.1	.3	.3
361.	.0	.1	.3	.7	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.1	.4	.1	.3	.3
MAX DEGR.	.2	.4	.6	.7	.9	.8	.3	.4	1.2	1.2	.8	.6	.8	.4	.6	.4	.6	.3	.3	.6

1

JOB: S30 B215PM JEFF/PROS/PEARL

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
1.	.9	.5	.2	.4	.8	.4	.6	.5	.1	.0	.3	.3	
6.	.9	.5	.2	.5	.8	.2	.4	.5	.1	.0	.3	.3	
11.	.9	.4	.2	.6	.9	.1	.3	.5	.1	.0	.4	.4	
16.	.8	.2	.3	.7	.9	.0	.2	.5	.0	.0	.4	.4	
21.	.7	.2	.4	.7	.7	.0	.2	.3	.0	.0	.3	.4	
26.	.7	.3	.6	.8	.7	.0	.1	.2	.0	.0	.2	.5	
31.	.6	.3	.6	.8	.7	.0	.0	.2	.0	.0	.2	.4	
36.	.5	.3	.6	.7	.6	.0	.0	.1	.0	.0	.2	.4	
41.	.5	.3	.6	.7	.5	.0	.0	.0	.0	.0	.1	.4	
46.	.5	.3	.6	.7	.5	.0	.0	.0	.0	.0	.0	.4	
51.	.3	.2	.6	.7	.3	.0	.0	.0	.0	.0	.0	.3	
56.	.2	.2	.5	.6	.3	.0	.0	.0	.0	.0	.0	.2	
61.	.1	.2	.6	.6	.3	.0	.0	.0	.0	.0	.0	.3	
66.	.0	.1	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3	
71.	.0	.1	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3	
76.	.1	.1	.6	.7	.0	.0	.0	.0	.0	.0	.0	.2	
81.	.1	.1	.6	.7	.0	.0	.0	.0	.0	.0	.0	.2	
86.	.1	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2	
91.	.2	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2	
96.	.2	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	
101.	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1	
106.	.2	.2	.7	.7	.0	.0	.0	.0	.0	.0	.0	.1	
111.	.3	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	
116.	.3	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	
121.	.3	.5	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	
126.	.3	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	
131.	.3	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	
136.	.2	.6	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	
141.	.2	.6	.8	.7	.0	.0	.1	.0	.0	.0	.0	.0	
146.	.2	.6	.7	.6	.0	.0	.1	.0	.0	.0	.1	.1	
151.	.1	.6	.7	.6	.0	.0	.1	.0	.0	.0	.1	.3	
156.	.1	.5	.6	.4	.0	.0	.2	.0	.0	.0	.2	.4	
161.	.0	.4	.6	.3	.0	.0	.4	.0	.0	.0	.4	.5	
166.	.0	.2	.4	.3	.0	.0	.5	.0	.0	.0	.5	.6	
171.	.0	.1	.3	.2	.0	.0	.7	.1	.0	.0	.7	.7	
176.	.0	.1	.2	.1	.0	.0	.8	.2	.0	.0	.8	.8	
181.	.0	.0	.2	.0	.0	.0	.9	.2	.0	.0	.9	.8	
186.	.0	.0	.0	.0	.0	.0	1.0	.3	.0	.0	1.0	.8	
191.	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	1.0	.7	
196.	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	1.0	.6	
201.	.0	.0	.0	.0	.0	.0	1.0	.4	.1	.0	1.0	.5	
206.	.0	.0	.0	.0	.0	.0	1.0	.4	.2	.0	.9	.4	

1

JOB: S30 B215PM JEFF/PROS/PEARL

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
211.	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.9	.3	
216.	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.9	.2	
221.	.0	.0	.0	.0	.0	.0	.9	.4	.2	.0	.8	.2	
226.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.2	
231.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.1	
236.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.1	
241.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.7	.1	
246.	.0	.0	.0	.0	.0	.0	.8	.3	.2	.0	.7	.2	
251.	.1	.3	.0	.0	.0	.0	.8	.3	.2	.1	.7	.2	
256.	.2	.3	.0	.0	.0	.0	.8	.3	.2	.1	.8	.4	
261.	.2	.5	.0	.0	.0	.0	.8	.3	.2	.1	.8	.5	
266.	.2	.5	.0	.0	.0	.0	.8	.3	.2	.1	.8	.5	
271.	.2	.6	.1	.0	.0	.0	.8	.3	.2	.1	.7	.6	
276.	.3	.6	.1	.0	.0	.1	.8	.3	.3	.1	.8	.5	
281.	.3	.7	.1	.0	.0	.1	.8	.3	.3	.1	.9	.4	
286.	.3	.7	.2	.0	.0	.2	.8	.2	.2	.1	.9	.4	
291.	.3	.7	.3	.0	.0	.2	.8	.2	.2	.1	.8	.4	
296.	.3	.7	.3	.0	.0	.2	.8	.1	.2	.1	.9	.3	
301.	.4	.7	.4	.0	.0	.3	1.0	.2	.2	.1	.9	.4	
306.	.4	.7	.4	.0	.0	.4	1.0	.2	.2	.1	.8	.4	
311.	.5	.7	.4	.0	.0	.4	1.0	.2	.2	.2	.8	.4	
316.	.5	.8	.4	.1	.0	.5	1.2	.2	.3	.2	.9	.5	
321.	.7	.8	.4	.2	.0	.7	1.2	.3	.4	.2	.8	.4	
326.	.7	.8	.5	.2	.1	.8	1.3	.4	.3	.2	.8	.4	
331.	.8	.9	.5	.3	.1	.8	1.3	.4	.3	.1	.6	.3	
336.	.9	.9	.5	.3	.1	.9	1.2	.4	.3	.0	.6	.3	
341.	.9	.9	.5	.3	.4	.8	.9	.3	.1	.0	.5	.3	
346.	.9	.7	.4	.3	.5	.8	.9	.4	.1	.0	.5	.3	
351.	1.0	.7	.3	.4	.5	.7	.7	.5	.1	.0	.3	.2	
356.	1.0	.6	.3	.4	.6	.5	.6	.5	.1	.0	.4	.3	
361.	.9	.5	.2	.4	.8	.4	.6	.5	.1	.0	.3	.3	
MAX	1.0	.9	.8	.8	.9	.9	1.3	.5	.4	.2	1.0	.8	
DEGR.	350	330	135	25	10	335	325	0	320	310	185	175	

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 325 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 210 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 180 DEGREES FROM REC10.

1

JOB: S30 B215PM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 23:18:49.17

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

*	CO/LINK	(PPM)																		
*	ANGLE	(DEGREES)																		
*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20

Page 3

		S30B215P.OUT																				
LINK	#	*	305	305	245	0	295	270	240	220	210	180	75	190	165	155	140	100	70	75	0	35
1	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*		.1	.2	.0	.0	.2	.1	.0	.0	.0	.0	.0	.2	.5	.3	.0	.0	.2	.0	.1	.0
3	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
6	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.1	.0	.1	.0	.2
8	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
9	*		.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*		.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*		.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
13	*		.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*		.1	.1	.0	.4	.4	.4	.1	.1	.9	.7	.6	.0	.0	.0	.0	.0	.3	.1	.0	.1
15	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*		.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1
18	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*		.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0
20	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*		.0	.1	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B215PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 23:18:49.17

RUN: S30 B215PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
LINK	#	350	330	135	25	10	335	325	0	320	310	185	175
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.3	.0	.0	.0	.1	.2	.0	.2	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1
19	*	.0	.0	.6	.5	.6	.7	.9	.0	.0	.0	.9	.7
20	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30NB30A.DAT

S30	NB30AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	NB30AM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLot	AG191015.634302.190920.634432.	575	2.6	0.	56.	30.	
2	Ex ParkLot	AG190984.634344.190941.634404.	0.	36.	3			
150	125	4.0 575 28.3 1600 3 3						
0	1	Entra Park	AG191032.634315.190971.634411.	725	2.6	0.	44.	30.
1	1	Jeff EBL	AG191027.634306.190822.634172.	550	2.6	0.	32.	30.
2	1	Jeff EBL	AG190961.634263.190859.634197.	0.	12.	1		
150	98	4.0 550 28.3 1770 3 3						
1	1	Jeff EBT	AG191034.634295.190827.634154.	3000	2.6	0.	56.	30.
2	1	Jeff EBT	AG190999.634272.190850.634170.	0.	36.	3		
150	65	4.0 3000 28.3 1707 3 3						
0	1	Jeff EB a	AG190824.634155.190643.634041.	3550	2.6	0.	56.	30.
0	1	Jeff EB dp	AG191419.634530.191210.634391.	2275	2.6	0.	56.	30.
0	1	Jeff EB dp	AG191210.634391.191034.634288.	2275	2.6	0.	56.	30.
0	1	Jeff WBL	AG191033.634306.191213.634414.	25	2.6	0.	12.	30.
2	1	Jeff WBL	AG191067.634326.191148.634375.	0.	12.	1		
150	142	4.0 25 28.3 1770 3 3						
1	1	Jeff WBT	AG191016.634321.191207.634431.	1125	2.6	0.	56.	30.
2	1	Jeff WBT	AG191055.634343.191154.634401.	0.	36.	3		
150	106	4.0 1125 28.3 1690 3 3						
1	1	Jeff WBALL	AG191214.634431.191290.634472.	1150	2.6	0.	56.	30.
0	1	Jeff WBALL	AG191291.634473.191420.634557.	1150	2.6	0.	44.	30.
0	1	Jeff WBdp	AG190644.634105.191015.634323.	1875	2.6	0.	56.	30.
0	1	Prosp NB	AG191041.634310.191106.633931.	575	2.6	0.	56.	30.
2	1	Prosp NB	AG191059.634206.191079.634087.	0.	36.	3		
150	106	4.0 575 28.3 1600 3 3						
1	1	Prosp SB	AG191084.633933.191013.634293.	825	2.6	0.	44.	30.
2	1	Pearl NB	AG191051.634294.191421.634085.	150	2.6	0.	44.	30.
150	129	5.0 150 28.3 1749 3 3						
0	1	Pearl SBdp	AG191419.634065.191034.634282.	25	2.6	0.	44.	30.
1.0	.54	1000. 0.0Y 5 0 72						

1

PAGE 1

JOB: S30 NB30AM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:14.40

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	575.	2.6	.0	56.0	
2.	Ex ParkLot*	190984.0	634344.0	190881.4	634487.3	*	176.	324. AG	190.	100.0	.0	36.0	.95 9.0
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	725.	2.6	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	550.	2.6	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190551.3	633998.0	*	488.	237. AG	50.	100.0	.0	12.0	1.01 24.8
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	3000.	2.6	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	189751.9	633418.1	*	1511.	236. AG	99.	100.0	.0	36.0	1.11 76.8
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	3550.	2.6	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	2275.	2.6	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	2275.	2.6	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.6	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191122.3	634359.5	*	65.	59. AG	72.	100.0	.0	12.0	1.09 3.3
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1125.	2.6	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191266.1	634466.6	*	245.	60. AG	161.	100.0	.0	36.0	.88 12.4
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1150.	2.6	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1150.	2.6	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1875.	2.6	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	575.	2.6	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191077.3	634096.8	*	111.	170. AG	161.	100.0	.0	36.0	.47 5.6
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	825.	2.6	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	150.	2.6	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191137.9	634245.7	*	53.	120. AG	131.	100.0	.0	24.0	.46 2.7
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.6	.0	44.0	

1

PAGE 2

JOB: S30 NB30AM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:14.40

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	150	125	4.0	575	1600	28.30	3	3
5.	Jeff EBL*	150	98	4.0	550	1770	28.30	3	3
7.	Jeff EBT*	150	65	4.0	3000	1707	28.30	3	3
12.	Jeff WBL*	150	142	4.0	25	1770	28.30	3	3
14.	Jeff WBT*	150	106	4.0	1125	1690	28.30	3	3
19.	Prosp NB*	150	106	4.0	575	1600	28.30	3	3
22.	Pearl NB*	150	129	5.0	150	1749	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

1

PAGE 3

JOB: S30 NB30AM JEFF/PROS/PEARL

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	*	.0	.1	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.8	.8
6.	*	.0	.1	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.8	.8
11.	*	.0	.2	.3	.7	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.8	.9
16.	*	.0	.2	.3	.7	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	.9	.9
21.	*	.0	.2	.3	.7	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	.9	.9
26.	*	.0	.1	.4	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	1.0	.9
31.	*	.0	.1	.3	.6	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	1.0	.9
36.	*	.0	.1	.2	.5	.7	.4	.1	.0	.1	.1	.0	.0	.0	.0	.3	.1	.4	.0	1.0	1.0
41.	*	.0	.0	.2	.5	.5	.5	.1	.1	.1	.1	.0	.0	.0	.0	.3	.1	.4	.1	1.0	.8
46.	*	.0	.0	.1	.5	.5	.5	.1	.1	.1	.2	.1	.0	.0	.0	.3	.1	.4	.1	1.0	.6
51.	*	.0	.0	.1	.4	.4	.3	.1	.1	.2	.3	.1	.0	.0	.0	.3	.1	.5	.1	.9	.5
56.	*	.0	.0	.0	.4	.4	.2	.1	.1	.4	.4	.3	.0	.0	.0	.3	.2	.5	.1	.6	.4
61.	*	.0	.0	.0	.4	.4	.2	.1	.1	.6	.7	.4	.0	.0	.0	.3	.2	.5	.1	.4	.3
66.	*	.0	.0	.0	.2	.3	.2	.1	.1	.7	.8	.6	.1	.0	.0	.3	.2	.5	.2	.2	.1
71.	*	.0	.0	.0	.1	.3	.1	.0	.1	.9	.9	.7	.1	.0	.0	.4	.3	.5	.2	.1	.1
76.	*	.0	.0	.0	.1	.1	.1	.0	.1	.9	.9	.8	.1	.0	.0	.4	.3	.6	.4	.0	.1
81.	*	.0	.0	.0	.0	.1	.1	.0	.1	.9	1.0	.8	.3	.0	.0	.3	.3	.7	.3	.0	.1
86.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.0	.7	.3	.1	.0	.4	.4	.6	.3	.0	.1
91.	*	.0	.0	.0	.0	.1	.0	.0	.2	.9	1.0	.7	.2	.1	.0	.3	.3	.4	.3	.0	.1
96.	*	.0	.0	.0	.0	.1	.0	.0	.2	.8	1.0	.8	.2	.1	.0	.4	.3	.4	.3	.0	.1
101.	*	.0	.0	.0	.0	.1	.0	.0	.2	.8	.8	.8	.4	.1	.0	.3	.3	.3	.3	.0	.1
106.	*	.0	.0	.0	.0	.1	.0	.0	.2	.8	.8	.7	.4	.1	.0	.2	.4	.3	.4	.0	.0
111.	*	.0	.0	.0	.0	.0	.0	.0	.2	.8	.8	.7	.3	.1	.0	.3	.4	.3	.3	.0	.0
116.	*	.0	.0	.0	.0	.0	.0	.0	.2	.8	.8	.7	.3	.1	.1	.3	.4	.2	.3	.0	.0
121.	*	.0	.0	.0	.0	.0	.0	.0	.2	.7	.7	.6	.3	.2	.1	.4	.4	.2	.3	.0	.0
126.	*	.0	.0	.0	.1	.0	.0	.0	.2	.7	.7	.6	.3	.2	.1	.4	.3	.2	.3	.0	.0
131.	*	.0	.0	.0	.1	.0	.0	.0	.3	.8	.7	.7	.2	.3	.1	.4	.3	.4	.3	.0	.0
136.	*	.0	.0	.0	.2	.0	.0	.0	.3	.8	.7	.6	.2	.3	.2	.4	.3	.4	.3	.0	.0
141.	*	.0	.0	.0	.2	.0	.0	.0	.3	.7	.8	.5	.3	.4	.1	.4	.3	.4	.3	.0	.0
146.	*	.0	.0	.0	.3	.0	.0	.0	.3	.7	.8	.4	.3	.5	.1	.4	.3	.4	.3	.0	.0
151.	*	.0	.0	.0	.3	.0	.0	.0	.3	.7	.8	.4	.2	.7	.1	.3	.3	.4	.3	.0	.0
156.	*	.0	.0	.0	.3	.0	.0	.0	.3	.7	.8	.5	.3	.9	.1	.3	.3	.4	.3	.0	.0
161.	*	.0	.0	.0	.3	.0	.0	.0	.3	.7	.9	.3	.3	.9	.1	.3	.3	.4	.3	.0	.0
166.	*	.0	.0	.0	.3	.0	.0	.0	.3	.7	.9	.3	.4	1.0	.1	.3	.4	.3	.3	.0	.0
171.	*	.0	.0	.0	.4	.0	.0	.0	.3	.7	.9	.4	.5	1.0	.1	.4	.3	.4	.3	.0	.0
176.	*	.0	.0	.0	.4	.0	.0	.0	.3	.7	1.0	.5	.6	1.1	.0	.4	.3	.4	.3	.0	.0
181.	*	.0	.0	.1	.4	.1	.0	.0	.3	.7	1.0	.5	.6	1.1	.0	.4	.3	.5	.3	.0	.0
186.	*	.0	.0	.1	.5	.2	.0	.0	.3	.8	1.0	.5	.6	1.0	.1	.4	.3	.5	.3	.0	.0
191.	*	.0	.0	.2	.5	.2	.0	.0	.3	.9	1.0	.5	.7	1.0	.1	.4	.4	.5	.1	.0	.0
196.	*	.0	.0	.2	.4	.3	.0	.0	.3	.9	1.0	.5	.7	.9	.1	.4	.4	.5	.1	.0	.0
201.	*	.0	.0	.3	.4	.3	.0	.0	.3	.9	1.1	.6	.8	.9	.1	.6	.4	.6	.1	.0	.0
206.	*	.0	.0	.3	.3	.3	.2	.0	.3	1.0	1.1	.6	.8	.8	.1	.6	.4	.6	.1	.0	.0

1

PAGE 4

JOB: S30 NB30AM JEFF/PROS/PEARL

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.0	.4	.2	.3	.2	.0	.3	.9	.9	.6	.8	.7	.1	.5	.4	.7	.1	.0	.0
216.	*	.0	.1	.5	.2	.3	.3	.1	.4	1.2	.9	.7	.9	.7	.0	.5	.4	.7	.1	.0	.0
221.	*	.0	.1	.5	.3	.4	.3	.1	.4	1.2	1.1	.7	.9	.7	.0	.5	.4	.7	.1	.1	.1
226.	*	.0	.1	.5	.3	.5	.4	.1	.6	1.1	.9	.9	.7	.7	.0	.4	.2	.6	.1	.2	.2
231.	*	.0	.1	.5	.4	.4	.4	.4	.5	1.2	.8	.9	.7	.7	.0	.2	.1	.4	.1	.2	.3
236.	*	.0	.2	.6	.4	.5	.4	.4	.5	.9	.9	.8	.6	.6	.0	.2	.1	.2	.1	.3	.4
241.	*	.0	.2	.7	.8	.7	.6	.4	.5	.9	.7	.5	.5	.6	.0	.1	.0	.2	.0	.4	.5
246.	*	.0	.2	.7	.8	.7	.7	.6	.4	.7	.5	.5	.5	.6	.0	.0	.0	.1	.0	.4	.7
251.	*	.0	.2	.7	.7	.6	.7	.6	.3	.4	.4	.5	.5	.6	.0	.0	.0	.0	.0	.5	.8
256.	*	.1	.2	.8	.8	.6	.8	.6	.3	.3	.3	.4	.5	.6	.0	.0	.0	.0	.0	.5	.8
261.	*	.1	.3	.6	.6	.8	.7	.6	.1	.2	.2	.4	.5	.6	.0	.0	.0	.0	.0	.4	1.0
266.	*	.1	.4	.6	.5	.8	.8	.6	.0	.2	.2	.4	.4	.6	.0	.0	.0	.0	.0	.6	.9
271.	*	.1	.4	.6	.5	.8	.8	.5	.0	.1	.2	.5	.4	.6	.0	.0	.0	.0	.0	.6	.8
276.	*	.1	.4	.6	.4	.8	.8	.4	.0	.1	.2	.5	.5	.6	.0	.0	.0	.0	.0	.6	.8
281.	*	.0	.3	.5	.5	.7	.8	.3	.0	.1	.2	.5	.5	.6	.0	.0	.0	.0	.0	.5	.8
286.	*	.0	.2	.4	.4	.9	.7	.3	.0	.1	.2	.5	.5	.6	.0	.0	.0	.0	.0	.5	.8
291.	*	.0	.2	.3	.4	.9	.7	.3	.0	.0	.2	.5	.4	.6	.0	.0	.0	.0	.0	.5	.7
296.	*	.0	.3	.3	.4	.9	.7	.3	.0	.0	.1	.5	.4	.5	.0	.0	.0	.0	.0	.5	.7
301.	*	.0	.3	.3	.6	.8	.6	.3	.0	.0	.1	.5	.4	.5	.0	.0	.0	.0	.0	.6	.8
306.	*	.1	.4	.4	.6	.8	.6	.3	.0	.0	.1	.4	.3	.4	.0	.0	.0	.0	.0	.6	.8
311.	*	.1	.4	.3	.7	.8	.6	.3	.0	.0	.0	.3	.2	.4	.0	.0	.0	.0	.0	.6	.7
316.	*	.1	.3	.4	.7	.7	.6	.3	.0	.0	.0	.2	.2	.3	.0	.0	.0	.0	.0	.6	.7
321.	*	.1	.3	.5	.7	.7	.6	.3	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.0	.7	.7
326.	*	.1	.2	.4	.7	.6	.6	.3	.0	.0	.0	.1	.1	.2	.0	.0	.0	.1	.0	.7	.7
331.	*	.1	.2	.4	.6	.6	.6	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.7	.7
336.	*	.0	.2	.3	.7	.6	.6	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.0	.7	.7
341.	*	.0	.2	.3	.7	.6	.6	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.4	.0	.8	.7
346.	*	.0	.2	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.0	.8	.7
351.	*	.0	.2	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.0	.8	.7
356.	*	.0	.2	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.8	.8
361.	*	.0	.1	.3	.7	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.8	.8
MAX	*	.1	.4	.8	.8	.9	.8	.6	.6	1.2	1.1	.9	.9	1.1	.2	.6	.4	.7	.4	1.0	1.0
DEGR.	*	255	265	255	240	285	255	245	225	215	200	225	215	175	135	200	85	80	75	25	35

1

PAGE 5

JOB: S30 NB30AM JEFF/PROS/PEARL

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .9 .5 .3 .2 .2 .2 .5 .6 .1 .0 .3 .3
6. * .8 .6 .3 .4 .4 .1 .4 .5 .1 .0 .3 .4
11. * .8 .4 .4 .4 .4 .1 .3 .5 .1 .0 .4 .4
16. * .8 .5 .3 .6 .4 .0 .2 .5 .1 .0 .4 .4
21. * .7 .5 .3 .6 .2 .0 .1 .4 .1 .0 .3 .5
26. * .7 .5 .4 .6 .1 .0 .1 .4 .0 .0 .3 .4
31. * .5 .5 .5 .6 .1 .0 .0 .3 .0 .0 .2 .4
36. * .6 .5 .5 .6 .1 .0 .0 .3 .0 .0 .2 .4
41. * .6 .5 .5 .5 .1 .0 .0 .2 .0 .0 .1 .5
46. * .6 .5 .6 .5 .1 .0 .0 .0 .0 .0 .0 .5
51. * .4 .3 .5 .5 .1 .0 .0 .0 .0 .0 .0 .5
56. * .3 .4 .4 .5 .1 .0 .0 .0 .0 .0 .0 .2
61. * .3 .4 .5 .4 .1 .0 .0 .0 .0 .0 .0 .2
66. * .0 .2 .4 .4 .1 .0 .0 .0 .0 .0 .0 .3
71. * .0 .2 .4 .4 .1 .0 .0 .0 .0 .0 .0 .3
76. * .1 .2 .5 .3 .1 .0 .0 .0 .0 .0 .0 .2
81. * .1 .2 .5 .3 .1 .0 .0 .0 .0 .0 .0 .2
86. * .1 .2 .5 .3 .0 .0 .0 .0 .0 .0 .0 .2
91. * .1 .2 .5 .2 .0 .0 .0 .0 .0 .0 .0 .2
96. * .2 .2 .5 .2 .0 .0 .0 .0 .0 .0 .0 .1
101. * .2 .2 .5 .2 .0 .0 .0 .0 .0 .0 .0 .1
106. * .2 .3 .5 .1 .0 .0 .0 .0 .0 .0 .0 .1
111. * .2 .3 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
116. * .2 .3 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
121. * .1 .4 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
126. * .1 .4 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
131. * .1 .4 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0
136. * .1 .4 .4 .1 .0 .0 .0 .0 .0 .0 .0 .0
141. * .0 .4 .4 .1 .0 .0 .0 .0 .0 .0 .0 .0
146. * .0 .3 .3 .1 .0 .0 .0 .0 .0 .0 .0 .1
151. * .0 .3 .3 .1 .0 .0 .0 .0 .0 .0 .0 .1
156. * .0 .2 .2 .1 .0 .0 .0 .0 .0 .0 .1 .2
161. * .0 .2 .2 .1 .0 .0 .0 .0 .0 .0 .1 .3
166. * .0 .2 .2 .1 .0 .0 .1 .0 .0 .0 .3 .4
171. * .0 .1 .1 .1 .0 .0 .1 .0 .0 .0 .3 .4
176. * .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .4 .5
181. * .0 .0 .1 .1 .0 .0 .1 .0 .0 .0 .5 .5
186. * .0 .0 .1 .0 .0 .0 .1 .1 .0 .0 .6 .6
191. * .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .6 .6
196. * .0 .0 .0 .0 .0 .0 .2 .2 .0 .0 .8 .5
201. * .0 .0 .0 .0 .0 .0 .2 .2 .0 .0 .8 .5
206. * .0 .0 .0 .0 .0 .0 .2 .2 .0 .0 .8 .4

```

1

JOB: S30 NB30AM JEFF/PROS/PEARL

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .3 .3 .0 .0 .8 .4
216. * .0 .0 .0 .0 .0 .0 .3 .3 .0 .0 .8 .3
221. * .1 .0 .0 .0 .0 .0 .3 .3 .0 .0 .7 .3
226. * .1 .1 .0 .0 .0 .0 .3 .3 .0 .0 .6 .2
231. * .4 .2 .1 .0 .0 .0 .3 .3 .1 .0 .5 .2
236. * .5 .4 .1 .0 .0 .0 .2 .4 .1 .0 .6 .3
241. * .5 .5 .1 .1 .0 .0 .3 .4 .2 .0 .6 .5
246. * .7 .7 .3 .1 .0 .0 .3 .4 .2 .0 .6 .5
251. * .9 .8 .3 .1 .0 .0 .4 .5 .3 .0 .7 .7
256. * .9 .8 .3 .1 .1 .1 .4 .6 .3 .1 .7 .8
261. * .8 .8 .4 .2 .1 .1 .5 .4 .3 .1 .7 .7
266. * .9 .7 .6 .2 .1 .1 .6 .4 .3 .1 .8 .7
271. * .8 .7 .6 .2 .1 .1 .6 .4 .4 .1 .8 .5
276. * .8 .7 .5 .2 .1 .1 .7 .4 .3 .1 .8 .5
281. * .8 .7 .4 .2 .1 .1 .7 .3 .3 .1 .8 .4
286. * .7 .6 .3 .2 .1 .1 .8 .3 .3 .1 .8 .4
291. * .7 .6 .3 .2 .1 .1 .9 .3 .3 .0 .8 .4
296. * .7 .6 .3 .2 .1 .1 .9 .3 .1 .0 .9 .4
301. * .7 .6 .3 .2 .1 .2 1.0 .2 .2 .0 .8 .5
306. * .6 .6 .3 .2 .1 .3 1.0 .2 .2 .0 .8 .3
311. * .6 .5 .3 .2 .1 .3 1.0 .2 .2 .0 .8 .5
316. * .6 .5 .3 .2 .1 .3 1.1 .2 .2 .1 .8 .5
321. * .6 .6 .4 .2 .1 .3 1.2 .3 .4 .1 .6 .5
326. * .6 .6 .4 .2 .1 .2 1.2 .3 .4 .1 .6 .5
331. * .6 .7 .4 .3 .1 .3 1.0 .4 .3 .1 .6 .5
336. * .7 .7 .5 .4 .2 .4 .9 .5 .3 .1 .4 .3
341. * .7 .7 .6 .4 .2 .3 .8 .4 .2 .0 .5 .3
346. * .7 .7 .4 .4 .3 .2 .7 .4 .2 .0 .5 .3
351. * .9 .7 .4 .3 .3 .2 .6 .4 .2 .0 .4 .3
356. * .9 .6 .3 .4 .2 .3 .5 .6 .1 .0 .3 .2
361. * .9 .5 .3 .2 .2 .2 .5 .6 .1 .0 .3 .3

```

```

MAX * .9 .8 .6 .6 .4 .4 1.2 .6 .4 .1 .9 .8
DEGR. * 250 250 45 15 5 335 320 0 270 255 295 255

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 320 DEGREES FROM REC27.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 200 DEGREES FROM REC10.

1

JOB: S30 NB30AM JEFF/PROS/PEARL
 DATE: 12/20/2006 TIME: 12:02:14.40

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```

		S30NB30A.OUT																			
LINK	#	255	265	255	240	285	255	245	225	215	200	225	215	175	135	200	85	80	75	25	35
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.4	.8	.1	.0	.0	.2	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
6	*	.0	.1	.1	.2	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.0	.3
7	*	.1	.1	.2	.2	.0	.1	.1	.1	.1	.0	.2	.2	.1	.0	.2	.1	.0	.1	.4	.3
8	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.3	.0
9	*	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.1	.2	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	.0	.0	.0	.0	.3	.2	.2	.2	.7	.6	.0	.0	.0	.1	.0	.1	.2	.1	.0	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 NB30AM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:14.40

RUN: S30 NB30AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
LINK	#	250	250	45	15	5	335	320	0	270	255	295	255
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
6	*	.2	.2	.0	.0	.0	.0	.1	.0	.1	.0	.1	.2
7	*	.4	.3	.0	.0	.0	.0	.1	.0	.1	.1	.1	.2
8	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
18	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0
19	*	.0	.0	.2	.3	.1	.1	.7	.0	.2	.0	.5	.0
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30NB30P.DAT

S30	NB30PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	NB30PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	850	2.6	0.	56.	30.	
2	Ex ParkLotAG190984.634344.190941.634404.	0.	36.	3			
150	120 4.0 850 28.3 1601 3 3						
0	1	Entra ParkAG191032.634315.190971.634411.	750	2.6	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	275	2.6	0.	32.	30.	
2	Jeff EBL AG190961.634263.190859.634197.	0.	12.	1			
150	119 4.0 275 28.3 1770 3 3						
1	Jeff EBT AG191034.634295.190827.634154.	750	2.6	0.	56.	30.	
2	Jeff EBT AG190999.634272.190850.634170.	0.	36.	3			
150	102 4.0 750 28.3 1707 3 3						
0	1	Jeff EB aLAG190824.634155.190643.634041.	1025	2.6	0.	56.	30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	525	2.6	0.	56.	30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	525	2.6	0.	56.	30.
0	1	Jeff WBL AG191033.634306.191213.634414.	225	2.6	0.	12.	30.
2	Jeff WBL AG191067.634326.191148.634375.	0.	12.	1			
150	129 4.0 225 28.3 1770 3 3						
1	Jeff WBT AG191016.634321.191207.634431.	850	2.6	0.	56.	30.	
2	Jeff WBT AG191055.634343.191154.634401.	0.	36.	3			
150	111 4.0 850 28.3 1658 3 3						
1	Jeff WBALLAG191214.634431.191290.634472.	1075	2.6	0.	56.	30.	
0	1	Jeff WBALLAG191291.634473.191420.634557.	1075	2.6	0.	44.	30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1650	2.6	0.	56.	30.
0	1	Prosp NB AG191041.634310.191106.633931.	850	2.6	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.	0.	36.	3			
150	120 4.0 850 28.3 1601 3 3						
1	Prosp SB dAG191084.633933.191013.634293.	750	2.6	0.	44.	30.	
1	Pearl NB AG191051.634294.191421.634085.	250	2.6	0.	44.	30.	
2	Pearl NB AG191092.634272.191209.634205.	0.	24.	2			
150	124 5.0 250 28.3 1695 3 3						
0	1	Pearl SBdpAG191419.634065.191034.634282.	75	2.6	0.	44.	30.
1.0	.54 1000. 0.0Y 5 0 72						

JOB: S30 NB30PM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:35.10

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*	*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	850.	2.6	.0	56.0	
2. Ex ParkLot*	*	190984.0	634344.0	190671.1	634780.8	*	537.	324. AG	182.	100.0	.0	36.0	1.11 27.3
3. 0 Entra Park*	*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	750.	2.6	.0	44.0	
4. Jeff EBL*	*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	275.	2.6	.0	32.0	
5. Jeff EBL*	*	190961.0	634263.0	190771.7	634140.6	*	225.	237. AG	60.	100.0	.0	12.0	.93 11.5
6. Jeff EBT*	*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	750.	2.6	.0	56.0	
7. Jeff EBT*	*	190999.0	634272.0	190884.0	634193.2	*	139.	236. AG	155.	100.0	.0	36.0	.52 7.1
8. 0 Jeff EB al*	*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	1025.	2.6	.0	56.0	
9. 0 Jeff EB dp*	*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	525.	2.6	.0	56.0	
10. 0 Jeff EB dp*	*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	525.	2.6	.0	56.0	
11. 0 Jeff WBL*	*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	225.	2.6	.0	12.0	
12. Jeff WBL*	*	191067.0	634326.0	191677.4	634695.3	*	713.	59. AG	65.	100.0	.0	12.0	1.27 36.2
13. Jeff WBT*	*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	850.	2.6	.0	56.0	
14. Jeff WBT*	*	191055.0	634343.0	191209.1	634433.3	*	179.	60. AG	169.	100.0	.0	36.0	.78 9.1
15. Jeff WBALL*	*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1075.	2.6	.0	56.0	
16. 0 Jeff WBALL*	*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1075.	2.6	.0	44.0	
17. 0 Jeff Wbdp*	*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1650.	2.6	.0	56.0	
18. 0 Prosp NB*	*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	850.	2.6	.0	56.0	
19. 0 Prosp NB*	*	191059.0	634206.0	191148.1	633676.1	*	537.	170. AG	182.	100.0	.0	36.0	1.11 27.3
20. 0 Prosp SB d*	*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	750.	2.6	.0	44.0	
21. Pearl NB*	*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	250.	2.6	.0	44.0	
22. Pearl NB*	*	191092.0	634272.0	191165.6	634229.9	*	85.	120. AG	126.	100.0	.0	24.0	.58 4.3
23. 0 Pearl SBdp*	*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	75.	2.6	.0	44.0	

JOB: S30 NB30PM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:35.10

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*	*	150	120	4.0	850	1601	28.30	3	3
5. Jeff EBL*	*	150	119	4.0	275	1770	28.30	3	3
7. Jeff EBT*	*	150	102	4.0	750	1707	28.30	3	3
12. Jeff WBL*	*	150	129	4.0	225	1770	28.30	3	3
14. Jeff WBT*	*	150	111	4.0	850	1658	28.30	3	3
19. 0 Prosp NB*	*	150	120	4.0	850	1601	28.30	3	3
22. Pearl NB*	*	150	124	5.0	250	1695	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 NB30PM JEFF/PROS/PEARL

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	.0	.1	.3	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.6
6.	.0	.1	.3	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.6
11.	.0	.1	.3	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.5
16.	.0	.1	.3	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.6
21.	.0	.1	.2	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.6
26.	.0	.1	.2	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	.3	.7
31.	.0	.1	.2	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	.3	.7
36.	.0	.1	.1	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.3	.8
41.	.0	.0	.1	.4	.4	.2	.1	.0	.0	.1	.0	.0	.0	.0	.3	.1	.5	.1	.4	.5
46.	.0	.0	.1	.3	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.3	.1	.5	.1	.4	.5
51.	.0	.0	.1	.3	.3	.2	.1	.1	.1	.3	.1	.0	.0	.0	.2	.1	.6	.1	.2	.5
56.	.0	.0	.0	.1	.2	.2	.1	.2	.2	.5	.3	.0	.0	.0	.3	.1	.6	.1	.2	.4
61.	.0	.0	.0	.1	.2	.2	.1	.2	.3	.6	.4	.0	.0	.0	.3	.2	.6	.1	.1	.1
66.	.0	.0	.0	.0	.1	.0	.0	.2	.3	.7	.5	.0	.0	.0	.4	.2	.7	.1	.1	.2
71.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.8	.6	.2	.0	.0	.4	.3	.6	.2	.1	.1
76.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.9	.7	.2	.0	.0	.4	.2	.6	.2	.1	.1
81.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.9	.7	.2	.0	.0	.3	.3	.5	.2	.1	.1
86.	.0	.0	.0	.0	.0	.0	.0	.3	.6	.9	.7	.3	.0	.0	.3	.2	.6	.2	.1	.1
91.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.9	.7	.3	.1	.0	.2	.2	.5	.2	.1	.1
96.	.0	.0	.0	.0	.0	.0	.0	.3	.7	.9	.7	.3	.1	.0	.2	.2	.4	.4	.1	.1
101.	.0	.0	.0	.0	.0	.0	.0	.2	.7	.9	.7	.3	.1	.0	.1	.4	.3	.2	.1	.1
106.	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	.7	.3	.1	.0	.2	.5	.3	.2	.1	.2
111.	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	.6	.3	.1	.0	.2	.5	.2	.2	.1	.2
116.	.0	.0	.0	.1	.0	.0	.0	.2	.7	.8	.6	.3	.1	.0	.3	.5	.2	.2	.1	.2
121.	.0	.0	.0	.1	.0	.0	.0	.2	.7	.8	.6	.3	.2	.0	.3	.4	.2	.2	.1	.2
126.	.0	.0	.0	.1	.0	.0	.0	.2	.7	.7	.6	.2	.2	.1	.4	.4	.3	.2	.1	.2
131.	.0	.0	.1	.2	.0	.0	.0	.2	.7	.7	.6	.1	.2	.2	.4	.4	.3	.2	.0	.2
136.	.0	.0	.1	.3	.0	.0	.0	.2	.7	.7	.4	.2	.3	.2	.5	.4	.3	.2	.0	.2
141.	.0	.0	.1	.3	.0	.0	.0	.2	.7	.7	.4	.3	.5	.2	.5	.4	.4	.1	.0	.1
146.	.0	.0	.2	.3	.0	.0	.0	.2	.8	.8	.3	.4	.7	.4	.6	.3	.5	.1	.0	.1
151.	.0	.0	.2	.4	.0	.0	.0	.2	.8	.9	.4	.2	.8	.5	.6	.3	.5	.1	.0	.1
156.	.0	.0	.2	.4	.0	.0	.0	.2	.8	.8	.4	.3	1.0	.5	.6	.3	.5	.1	.0	.1
161.	.0	.0	.3	.5	.1	.0	.0	.2	.7	.9	.4	.3	1.2	.6	.5	.2	.5	.1	.0	.0
166.	.0	.0	.3	.5	.1	.0	.0	.2	.7	.9	.5	.4	1.1	.6	.5	.2	.5	.1	.0	.0
171.	.0	.0	.4	.5	.2	.0	.0	.2	.8	1.0	.5	.5	1.1	.5	.4	.2	.4	.1	.0	.0
176.	.0	.1	.4	.6	.2	.0	.0	.2	.8	1.0	.5	.7	1.1	.5	.3	.1	.5	.1	.0	.0
181.	.0	.1	.5	.7	.3	.1	.0	.2	1.0	1.1	.4	.7	.9	.5	.3	.1	.4	.1	.0	.0
186.	.0	.1	.5	.8	.3	.1	.0	.2	1.1	1.1	.4	.7	.8	.5	.3	.1	.4	.0	.0	.0
191.	.0	.2	.6	.8	.4	.2	.0	.2	1.1	1.0	.5	.7	.8	.5	.3	.1	.4	.0	.0	.0
196.	.0	.2	.6	.6	.4	.2	.1	.3	1.1	.9	.3	.7	.7	.4	.2	.1	.4	.0	.0	.0
201.	.0	.2	.6	.6	.3	.3	.1	.3	1.1	.9	.4	.7	.6	.4	.2	.1	.4	.0	.0	.0
206.	.0	.2	.6	.4	.3	.3	.1	.4	1.0	.4	.8	.6	.4	.4	.2	.1	.3	.0	.0	.0

1

JOB: S30 NB30PM JEFF/PROS/PEARL

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	.1	.2	.6	.3	.3	.3	.1	.4	1.0	.8	.4	.8	.6	.4	.1	.1	.3	.0	.0	.0
216.	.1	.2	.5	.3	.2	.2	.1	.4	1.0	.7	.5	.8	.6	.4	.1	.1	.3	.0	.0	.0
221.	.1	.2	.5	.3	.2	.2	.1	.5	1.0	.8	.5	.7	.6	.4	.1	.1	.2	.0	.0	.0
226.	.1	.2	.5	.2	.3	.2	.1	.4	1.0	.7	.6	.7	.6	.4	.1	.1	.1	.0	.0	.0
231.	.1	.2	.5	.2	.1	.2	.0	.3	.9	.7	.7	.7	.6	.4	.1	.0	.1	.0	.0	.0
236.	.1	.2	.4	.1	.2	.2	.3	.8	.6	.5	.6	.6	.6	.4	.0	.0	.1	.0	.0	.0
241.	.1	.2	.5	.2	.3	.2	.3	.8	.6	.5	.6	.6	.6	.4	.0	.0	.1	.0	.0	.1
246.	.1	.2	.6	.3	.3	.4	.3	.4	.5	.4	.5	.6	.6	.4	.0	.0	.0	.0	.0	.1
251.	.1	.2	.5	.4	.3	.5	.3	.4	.3	.5	.6	.6	.6	.4	.0	.0	.0	.0	.0	.1
256.	.1	.2	.5	.3	.4	.5	.4	.2	.2	.3	.5	.6	.6	.4	.0	.0	.0	.0	.0	.1
261.	.1	.3	.5	.2	.5	.5	.4	.1	.2	.2	.5	.6	.6	.4	.0	.0	.0	.0	.0	.1
266.	.1	.4	.5	.2	.5	.6	.5	.1	.2	.2	.5	.6	.6	.4	.0	.0	.0	.0	.0	.2
271.	.1	.3	.5	.2	.5	.7	.4	.1	.2	.2	.6	.5	.6	.4	.0	.0	.0	.0	.0	.2
276.	.1	.4	.4	.1	.5	.7	.4	.1	.2	.2	.6	.4	.7	.5	.0	.0	.0	.0	.0	.3
281.	.1	.4	.4	.2	.7	.7	.4	.1	.2	.2	.6	.5	.7	.5	.0	.0	.0	.0	.0	.3
286.	.1	.4	.2	.1	.7	.8	.3	.1	.2	.2	.6	.5	.7	.5	.0	.0	.0	.0	.0	.3
291.	.0	.4	.2	.2	.7	.8	.3	.0	.2	.2	.6	.5	.8	.5	.0	.0	.0	.0	.0	.2
296.	.1	.4	.3	.2	.7	.8	.2	.0	.2	.2	.6	.5	.8	.5	.0	.0	.0	.0	.0	.2
301.	.1	.3	.3	.4	.7	.6	.2	.0	.1	.2	.6	.5	.9	.4	.0	.0	.0	.0	.0	.2
306.	.2	.5	.3	.4	.7	.6	.2	.0	.1	.2	.6	.5	.9	.4	.0	.0	.0	.0	.1	.2
311.	.2	.4	.3	.4	.6	.5	.2	.0	.1	.2	.5	.5	.9	.3	.0	.0	.1	.0	.1	.2
316.	.2	.4	.3	.6	.5	.5	.2	.0	.0	.1	.4	.4	.9	.3	.0	.0	.1	.0	.1	.3
321.	.1	.2	.5	.5	.5	.4	.2	.0	.0	.1	.3	.3	.8	.2	.1	.0	.2	.0	.1	.3
326.	.0	.2	.4	.5	.6	.4	.2	.0	.0	.0	.2	.3	.6	.1	.1	.0	.3	.0	.1	.3
331.	.0	.1	.4	.4	.5	.4	.2	.0	.0	.0	.1	.2	.5	.1	.2	.0	.4	.0	.1	.3
336.	.0	.1	.3	.4	.5	.4	.2	.0	.0	.0	.1	.3	.0	.0	.2	.0	.5	.0	.1	.3
341.	.0	.1	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.2	.0	.3	.1	.6	.0	.1	.4
346.	.0	.1	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.1	.0	.3	.1	.6	.0	.2	.4
351.	.0	.1	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.1	.0	.3	.1	.6	.0	.2	.4
356.	.0	.1	.3	.4	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.2	.4
361.	.0	.1	.3	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.3	.6
MAX	.2	.5	.6	.8	.7	.8	.5	.5	1.1	1.1	.7	.8	1.2	.6	.6	.5	.7	.4	.4	.8
DEGR.	305	305	190	185	285	285	265	220	185	180	75	205	160	160	145	105	65	95	40	35

1

JOB: S30 NB30PM JEFF/PROS/PEARL

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
1.	.9	.5	.2	.5	.6	.4	.5	.6	.1	.0	.2	.3	
6.	.9	.4	.2	.5	.8	.1	.4	.6	.1	.0	.2	.4	
11.	.7	.3	.3	.6	.8	.1	.3	.6	.0	.0	.2	.3	
16.	.7	.3	.3	.6	.7	.0	.3	.5	.0	.0	.3	.3	
21.	.7	.3	.3	.8	.7	.0	.3	.5	.0	.0	.3	.3	
26.	.6	.2	.5	.8	.7	.0	.1	.5	.0	.0	.4	.4	
31.	.5	.4	.5	.8	.7	.0	.0	.5	.0	.0	.4	.4	
36.	.5	.4	.6	.7	.7	.0	.0	.4	.0	.0	.2	.4	
41.	.5	.4	.6	.7	.7	.0	.0	.4	.0	.0	.2	.3	
46.	.3	.4	.7	.6	.7	.0	.0	.3	.0	.0	.1	.4	
51.	.3	.3	.6	.6	.7	.0	.0	.2	.0	.0	.1	.3	
56.	.3	.4	.6	.6	.6	.0	.0	.2	.0	.0	.1	.3	
61.	.2	.3	.6	.6	.6	.0	.0	.2	.0	.0	.1	.2	
66.	.1	.2	.6	.6	.6	.0	.0	.2	.0	.0	.0	.3	
71.	.1	.2	.7	.6	.6	.0	.0	.1	.0	.0	.0	.3	
76.	.2	.2	.6	.6	.5	.0	.0	.1	.0	.0	.0	.3	
81.	.2	.2	.6	.6	.4	.0	.0	.1	.0	.0	.0	.3	
86.	.1	.3	.6	.6	.4	.0	.0	.1	.0	.0	.0	.3	
91.	.2	.3	.6	.6	.4	.0	.0	.0	.0	.0	.0	.2	
96.	.2	.2	.6	.6	.4	.0	.0	.0	.0	.0	.0	.2	
101.	.2	.3	.6	.6	.4	.0	.0	.0	.0	.0	.0	.2	
106.	.2	.3	.6	.6	.4	.0	.0	.0	.0	.0	.0	.1	
111.	.2	.4	.6	.6	.5	.0	.0	.0	.0	.0	.0	.1	
116.	.2	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.1	
121.	.2	.5	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
126.	.2	.5	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
131.	.3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
136.	.3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
141.	.3	.6	.7	.7	.5	.0	.1	.0	.0	.0	.0	.0	
146.	.3	.6	.7	.7	.5	.0	.1	.0	.0	.0	.1	.1	
151.	.2	.6	.8	.7	.5	.1	.1	.0	.0	.0	.1	.3	
156.	.2	.5	.7	.7	.5	.1	.4	.0	.0	.0	.2	.4	
161.	.2	.5	.7	.5	.4	.2	.5	.1	.0	.0	.4	.5	
166.	.1	.4	.5	.5	.3	.3	.7	.1	.0	.0	.6	.6	
171.	.1	.3	.4	.4	.2	.4	.8	.2	.0	.0	.7	.8	
176.	.0	.1	.3	.3	.1	.6	1.0	.3	.1	.0	.9	.8	
181.	.0	.1	.2	.2	.1	.7	1.1	.3	.1	.0	1.0	.8	
186.	.0	.0	.2	.0	.0	.8	1.1	.4	.2	.0	1.0	.9	
191.	.0	.0	.0	.0	.0	.8	1.0	.4	.2	.0	1.0	.7	
196.	.0	.0	.0	.0	.0	.8	1.0	.5	.2	.0	.9	.6	
201.	.0	.0	.0	.0	.0	.7	1.0	.5	.2	.0	.9	.5	
206.	.0	.0	.0	.0	.0	.7	1.0	.5	.2	.0	.8	.4	

1

JOB: S30 NB30PM JEFF/PROS/PEARL

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
211.	.0	.0	.0	.0	.0	.7	1.0	.5	.2	.1	.8	.4	
216.	.0	.0	.0	.0	.0	.6	.9	.5	.2	.1	.8	.3	
221.	.0	.0	.0	.0	.0	.6	.8	.4	.2	.1	.7	.2	
226.	.0	.0	.0	.0	.0	.6	.7	.3	.2	.1	.7	.2	
231.	.0	.0	.0	.0	.0	.6	.7	.3	.2	.1	.7	.1	
236.	.0	.0	.0	.0	.0	.6	.7	.3	.2	.1	.7	.1	
241.	.0	.1	.0	.0	.0	.5	.7	.3	.2	.1	.7	.2	
246.	.0	.1	.0	.0	.0	.5	.7	.3	.2	.1	.7	.2	
251.	.2	.4	.0	.0	.0	.5	.7	.3	.2	.1	.7	.3	
256.	.4	.5	.0	.0	.0	.6	.7	.3	.2	.1	.7	.5	
261.	.5	.6	.0	.0	.0	.6	.7	.3	.2	.1	.7	.5	
266.	.5	.6	.1	.0	.0	.6	.7	.3	.2	.1	.8	.6	
271.	.6	.6	.2	.0	.0	.6	.7	.3	.3	.1	.8	.6	
276.	.6	.7	.3	.0	.0	.6	.7	.3	.3	.1	.8	.4	
281.	.6	.7	.3	.0	.0	.6	.7	.3	.2	.1	.7	.4	
286.	.7	.7	.4	.0	.0	.7	.7	.2	.2	.1	.7	.4	
291.	.7	.7	.4	.0	.0	.7	.8	.2	.2	.1	.8	.3	
296.	.7	.7	.4	.0	.0	.7	.8	.2	.2	.1	.8	.3	
301.	.7	.7	.4	.1	.0	.7	1.0	.2	.3	.1	.7	.4	
306.	.7	.6	.3	.1	.0	.7	1.0	.2	.2	.1	.8	.5	
311.	.7	.6	.3	.1	.0	.9	1.0	.2	.3	.1	.7	.4	
316.	.7	.5	.4	.1	.0	.9	1.2	.2	.4	.2	.8	.5	
321.	.7	.6	.4	.2	.0	.9	1.2	.3	.5	.2	.8	.4	
326.	.8	.7	.5	.2	.0	1.2	1.2	.3	.4	.1	.6	.4	
331.	.8	.8	.5	.2	.2	1.2	1.2	.4	.4	.0	.6	.4	
336.	.9	.7	.7	.3	.2	1.1	1.0	.4	.3	.0	.5	.3	
341.	.9	.7	.4	.4	.4	.9	.9	.4	.2	.0	.4	.3	
346.	.9	.7	.4	.4	.4	.8	.8	.3	.2	.0	.4	.3	
351.	.9	.6	.4	.4	.4	.6	.7	.4	.2	.0	.3	.2	
356.	.9	.6	.3	.3	.6	.5	.6	.5	.1	.0	.4	.2	
361.	.9	.5	.2	.5	.6	.4	.5	.6	.1	.0	.2	.3	
MAX	.9	.8	.8	.8	.8	1.2	1.2	.6	.5	.2	1.0	.9	
DEGR.	0	330	150	20	5	325	315	0	320	315	180	185	

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 160 DEGREES FROM REC13.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 325 DEGREES FROM REC26.
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 315 DEGREES FROM REC27.

1

JOB: S30 NB30PM JEFF/PROS/PEARL
 DATE: 12/20/2006 TIME: 12:02:35.10

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

*	CO/LINK	(PPM)																		
*	ANGLE	(DEGREES)																		
*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20

Page 3

LINK #	*	S30NB30P.OUT																35
		305	305	190	185	285	285	265	220	185	180	75	205	160	160	145	105	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
2	*	.1	.2	.0	.0	.2	.2	.1	.0	.0	.0	.0	.4	.8	.5	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.3
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
9	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
14	*	.1	.1	.0	.0	.3	.3	.1	.1	.6	.6	.5	.0	.0	.0	.0	.2	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1
18	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.3	.4	.0	.0	.0	.1	.2	.2	.0	.0	.2	.1	.2	.1	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.2	.3	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 NB30PM JEFF/PROS/PEARL
DATE: 12/20/2006 TIME: 12:02:35.10

RUN: S30 NB30PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
		0	330	150	20	5	325	315	0	320	315	180	185
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.2	.3	.0	.0	.0	.1	.1	.0	.2	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.4	.3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.2	.1	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1
19	*	.0	.0	.6	.4	.5	.8	.8	.0	.0	.9	.7	.7
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.1	.0	.0	.0	.3	.2	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B130A.DAT

S30	B130AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B130AM	JEFFERSON PROSPECT PEARL	23	1	1

1		Ex ParkLotAG191015.634302.190920.634432.	225	2.6	0.	56.	30.
2		Ex ParkLotAG190984.634344.190941.634404.	0.	36.		3	
150	139	4.0 225 28.3 1706 3 3					
0	1	Entra ParkAG191032.634315.190971.634411.	675	2.6	0.	44.	30.
1		Jeff EBL AG191027.634306.190822.634172.	625	2.6	0.	32.	30.
2		Jeff EBL AG190961.634263.190859.634197.	0.	12.		1	
150	92	4.0 625 28.3 1770 3 3					
1		Jeff EBT AG191034.634295.190827.634154.	2975	2.6	0.	56.	30.
2		Jeff EBT AG190999.634272.190850.634170.	0.	36.		3	
150	61	4.0 2975 28.3 1707 3 3					
0	1	Jeff EB aLAG190824.634155.190643.634041.	3600	2.6	0.	56.	30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	2175	2.6	0.	56.	30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	2175	2.6	0.	56.	30.
0	1	Jeff WBL AG191033.634306.191213.634414.	25	2.6	0.	12.	30.
2		Jeff WBL AG191067.634326.191148.634375.	0.	12.		1	
150	143	4.0 25 28.3 1770 3 3					
1		Jeff WBT AG191016.634321.191207.634431.	1125	2.6	0.	56.	30.
2		Jeff WBT AG191055.634343.191154.634401.	0.	36.		3	
150	110	4.0 1125 28.3 1689 3 3					
1		Jeff WBALLAG191214.634431.191290.634472.	1150	2.6	0.	56.	30.
0	1	Jeff WBALLAG191291.634473.191420.634557.	1150	2.6	0.	44.	30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1725	2.6	0.	56.	30.
0	1	Prosp NB AG191041.634310.191106.633931.	525	2.6	0.	56.	30.
2		Prosp NB AG191059.634206.191079.634087.	0.	36.		3	
150	125	4.0 525 28.3 1607 3 3					
1		Prosp SB dAG191084.633933.191013.634293.	925	2.6	0.	44.	30.
1		Pearl NB AG191051.634294.191421.634085.	150	2.6	0.	44.	30.
2		Pearl NB AG191092.634272.191209.634205.	0.	24.		2	
150	128	5.0 150 28.3 1748 3 3					
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.6	0.	44.	30.
1.0	.54	1000. 0.0Y 5 0 72					

JOB: S30 B130AM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:12:53.53

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*		191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	225.	2.6	.0	56.0	
2. Ex ParkLot*		190984.0	634344.0	190813.4	634582.2	*	293.	324. AG	211.	100.0	.0	36.0	1.34 14.9
3. 0 Entra Park*		191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	675.	2.6	.0	44.0	
4. Jeff EBL*		191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	625.	2.6	.0	32.0	
5. Jeff EBL*		190961.0	634263.0	190495.2	633961.7	*	555.	237. AG	47.	100.0	.0	12.0	1.02 28.2
6. Jeff EBT*		191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	2975.	2.6	.0	56.0	
7. Jeff EBT*		190999.0	634272.0	190215.3	633735.4	*	950.	236. AG	93.	100.0	.0	36.0	1.05 48.3
8. 0 Jeff EB al*		190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	3600.	2.6	.0	56.0	
9. 0 Jeff EB dp*		191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	2175.	2.6	.0	56.0	
10. 0 Jeff EB dp*		191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	2175.	2.6	.0	56.0	
11. 0 Jeff WBL*		191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.6	.0	12.0	
12. Jeff WBL*		191067.0	634326.0	191233.3	634426.6	*	194.	59. AG	72.	100.0	.0	12.0	2.27 9.9
13. Jeff WBT*		191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1125.	2.6	.0	56.0	
14. Jeff WBT*		191055.0	634343.0	191318.9	634497.6	*	306.	60. AG	167.	100.0	.0	36.0	.98 15.5
15. Jeff WBALL*		191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1150.	2.6	.0	56.0	
16. 0 Jeff WBALL*		191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1150.	2.6	.0	44.0	
17. 0 Jeff Wbdp*		190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1725.	2.6	.0	56.0	
18. 0 Prosp NB*		191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	525.	2.6	.0	56.0	
19. 0 Prosp NB*		191059.0	634206.0	191082.6	634065.5	*	142.	170. AG	190.	100.0	.0	36.0	.86 7.2
20. 0 Prosp SB d*		191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	925.	2.6	.0	44.0	
21. Pearl NB*		191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	150.	2.6	.0	44.0	
22. Pearl NB*		191092.0	634272.0	191137.6	634245.9	*	52.	120. AG	130.	100.0	.0	24.0	.43 2.7
23. 0 Pearl SBdp*		191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.6	.0	44.0	

JOB: S30 B130AM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:12:53.53

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*		150	139	4.0	225	1706	28.30	3	3
5. Jeff EBL*		150	92	4.0	625	1770	28.30	3	3
7. Jeff EBT*		150	61	4.0	2975	1707	28.30	3	3
12. Jeff WBL*		150	143	4.0	25	1770	28.30	3	3
14. Jeff WBT*		150	110	4.0	1125	1689	28.30	3	3
19. 0 Prosp NB*		150	125	4.0	525	1607	28.30	3	3
22. Pearl NB*		150	128	5.0	150	1748	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B130AM JEFF/PROS/PEARL

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.8
6.	*	.0	.1	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.9
11.	*	.0	.2	.4	.7	.8	.7	.2	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	1.0
16.	*	.0	.2	.4	.7	.8	.7	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.0	.9	.9
21.	*	.0	.2	.4	.7	.8	.8	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	.9	.9
26.	*	.0	.2	.5	.7	.8	.8	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	1.0	.9
31.	*	.0	.2	.4	.7	.8	.6	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	1.0	.9
36.	*	.0	.0	.2	.6	.8	.6	.1	.0	.1	.1	.0	.0	.0	.3	.2	.5	.1	1.0	.9
41.	*	.0	.0	.2	.7	.7	.6	.1	.1	.1	.1	.0	.0	.0	.3	.2	.5	.1	1.1	.6
46.	*	.0	.0	.2	.6	.7	.6	.1	.1	.2	.3	.1	.0	.0	.3	.2	.5	.1	1.1	.6
51.	*	.0	.0	.1	.6	.6	.4	.1	.1	.2	.4	.1	.0	.0	.3	.2	.5	.1	.8	.5
56.	*	.0	.0	.0	.4	.4	.3	.1	.1	.5	.5	.3	.0	.0	.4	.2	.5	.1	.6	.4
61.	*	.0	.0	.0	.4	.4	.2	.1	.1	.7	.7	.4	.0	.0	.4	.2	.6	.2	.4	.3
66.	*	.0	.0	.0	.1	.3	.2	.1	.1	.8	.9	.6	.1	.0	.4	.2	.5	.2	.2	.2
71.	*	.0	.0	.0	.1	.3	.1	.0	.1	1.0	1.1	.8	.1	.0	.4	.2	.8	.2	.2	.1
76.	*	.0	.0	.0	.1	.1	.1	.0	.1	1.0	1.1	1.0	.2	.0	.4	.3	.8	.3	.1	.1
81.	*	.0	.0	.0	.0	.1	.1	.0	.1	1.0	1.1	1.0	.2	.1	.4	.3	.8	.3	.1	.1
86.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.2	.9	.2	.1	.4	.4	.7	.3	.0	.1
91.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.1	.8	.3	.1	.4	.3	.5	.3	.0	.1
96.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.0	.8	.4	.1	.4	.3	.4	.4	.0	.1
101.	*	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0	.8	.5	.2	.4	.2	.4	.3	.4	.0
106.	*	.0	.0	.0	.0	.1	.0	.0	.2	.9	.9	.8	.6	.2	.0	.2	.4	.3	.5	.0
111.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.1	.1	.3	.4	.3	.3	.0
116.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.1	.1	.4	.4	.2	.3	.0
121.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.2	.1	.4	.4	.2	.3	.0
126.	*	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.6	.4	.2	.1	.4	.4	.3	.3	.0
131.	*	.0	.0	.0	.1	.0	.0	.0	.2	.9	.8	.7	.2	.3	.2	.4	.4	.4	.3	.0
136.	*	.0	.0	.0	.2	.0	.0	.0	.3	.8	.8	.6	.2	.4	.2	.4	.3	.4	.3	.0
141.	*	.0	.0	.0	.2	.0	.0	.0	.3	.8	.8	.5	.3	.4	.2	.4	.3	.4	.3	.0
146.	*	.0	.0	.0	.3	.0	.0	.0	.3	.9	.8	.4	.3	.6	.3	.4	.3	.5	.3	.0
151.	*	.0	.0	.0	.3	.0	.0	.0	.3	.9	.9	.5	.3	.8	.4	.4	.3	.5	.3	.0
156.	*	.0	.0	.0	.3	.0	.0	.0	.3	.9	.8	.5	.2	1.0	.4	.3	.3	.4	.3	.0
161.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.9	.3	.3	1.1	.4	.3	.3	.4	.3	.0
166.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.9	.3	.4	1.2	.4	.3	.4	.4	.3	.0
171.	*	.0	.0	.0	.4	.0	.0	.0	.3	.8	1.0	.6	.4	1.1	.4	.3	.3	.3	.3	.0
176.	*	.0	.0	.0	.4	.0	.0	.0	.3	.8	1.0	.5	.7	1.1	.3	.3	.3	.3	.3	.0
181.	*	.0	.0	.0	.5	.2	.0	.0	.3	.9	1.0	.5	.7	1.1	.2	.3	.3	.3	.3	.0
186.	*	.0	.0	.2	.5	.2	.0	.0	.3	1.0	1.0	.4	.7	1.0	.2	.3	.3	.5	.3	.0
191.	*	.0	.0	.2	.5	.2	.0	.0	.3	1.0	1.0	.5	.7	1.1	.1	.4	.3	.5	.1	.0
196.	*	.0	.0	.2	.4	.3	.1	.0	.3	1.0	1.0	.5	.8	1.0	.1	.4	.3	.5	.1	.0
201.	*	.0	.0	.4	.4	.4	.1	.0	.3	1.1	1.1	.6	.8	.8	.0	.5	.4	.5	.1	.0
206.	*	.0	.1	.4	.4	.4	.1	.0	.4	1.1	1.0	.6	.8	.8	.0	.5	.4	.5	.1	.0

1

JOB: S30 B130AM JEFF/PROS/PEARL

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)		CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.1	.4	.2	.3	.2	.0	.4	1.1	1.0	.6	.8	.8	.0	.5	.3	.7	.1	.0	.0
216.	*	.0	.1	.5	.2	.3	.3	.1	.5	1.2	.9	.6	.9	.8	.0	.4	.3	.7	.1	.0	.0
221.	*	.0	.1	.5	.2	.3	.3	.1	.6	1.2	.9	.7	.9	.8	.0	.4	.3	.7	.1	.1	.1
226.	*	.0	.2	.5	.2	.6	.4	.1	.6	1.2	.9	.9	.8	.8	.0	.3	.2	.5	.1	.1	.2
231.	*	.0	.2	.6	.3	.4	.4	.4	.7	1.1	.9	.9	.8	.7	.0	.2	.1	.3	.0	.2	.3
236.	*	.0	.2	.6	.4	.5	.4	.4	.7	.9	.8	.5	.7	.7	.0	.2	.0	.2	.0	.3	.3
241.	*	.0	.3	.6	.7	.6	.5	.5	.7	.9	.7	.5	.6	.7	.0	.0	.0	.2	.0	.3	.5
246.	*	.0	.3	.7	.7	.7	.8	.7	.5	.6	.5	.4	.6	.7	.0	.0	.0	.0	.0	.4	.6
251.	*	.0	.2	.7	.7	.6	.8	.6	.4	.4	.4	.5	.6	.7	.0	.0	.0	.0	.0	.4	.7
256.	*	.0	.2	.8	.6	.7	.9	.7	.4	.3	.3	.4	.5	.7	.0	.0	.0	.0	.0	.5	.7
261.	*	.0	.3	.6	.6	.8	.8	.7	.2	.3	.2	.5	.6	.7	.0	.0	.0	.0	.0	.6	.9
266.	*	.2	.3	.6	.5	.8	.9	.8	.1	.3	.2	.5	.5	.7	.0	.0	.0	.0	.0	.6	.9
271.	*	.2	.3	.6	.5	.8	.9	.6	.1	.2	.2	.5	.5	.7	.0	.0	.0	.0	.0	.5	.8
276.	*	.2	.3	.6	.5	.7	.9	.6	.0	.2	.3	.5	.5	.8	.0	.0	.0	.0	.0	.5	.8
281.	*	.1	.3	.6	.5	.8	.9	.5	.0	.2	.3	.6	.5	.8	.0	.0	.0	.0	.0	.5	.8
286.	*	.1	.3	.4	.3	.9	.9	.4	.0	.1	.3	.6	.5	.8	.0	.0	.0	.0	.0	.5	.8
291.	*	.0	.2	.3	.4	.9	.9	.4	.0	.1	.3	.6	.5	.9	.0	.0	.0	.0	.0	.5	.8
296.	*	.1	.2	.4	.4	.9	.8	.3	.0	.1	.2	.6	.6	.9	.0	.0	.0	.0	.0	.6	.7
301.	*	.1	.3	.4	.7	.9	.8	.3	.0	.1	.2	.6	.5	.9	.0	.0	.0	.0	.0	.6	.7
306.	*	.2	.5	.4	.7	.9	.8	.3	.0	.0	.1	.6	.5	.9	.0	.0	.0	.0	.0	.6	.7
311.	*	.2	.5	.4	.8	.8	.7	.3	.0	.0	.1	.4	.4	.9	.0	.0	.0	.0	.0	.6	.6
316.	*	.1	.3	.5	.8	.8	.7	.3	.0	.0	.1	.3	.4	.8	.0	.0	.0	.1	.0	.6	.6
321.	*	.1	.3	.5	.8	.7	.7	.3	.0	.0	.0	.2	.3	.7	.0	.0	.0	.2	.0	.7	.6
326.	*	.1	.3	.5	.7	.7	.7	.3	.0	.0	.0	.2	.2	.5	.0	.0	.0	.3	.0	.7	.6
331.	*	.1	.2	.4	.7	.7	.7	.3	.0	.0	.0	.1	.1	.4	.0	.1	.0	.4	.0	.7	.6
336.	*	.1	.3	.4	.7	.7	.6	.3	.0	.0	.0	.0	.1	.2	.0	.1	.0	.5	.0	.7	.6
341.	*	.1	.3	.4	.7	.7	.7	.3	.0	.0	.0	.0	.0	.2	.0	.2	.0	.5	.0	.7	.6
346.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.1	.0	.2	.0	.6	.0	.8	.7
351.	*	.0	.3	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.1	.0	.3	.0	.6	.0	.8	.7
356.	*	.0	.3	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.8
361.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.8
MAX	*	.2	.5	.8	.8	.9	.9	.8	.7	1.2	1.2	1.0	.9	1.2	.4	.5	.4	.8	.5	1.1	1.0
DEGR.	*	265	305	255	310	285	255	265	230	215	85	75	215	165	150	200	85	70	105	40	10

1

JOB: S30 B130AM JEFF/PROS/PEARL

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
1. * .7 .6 .3 .5 .4 .2 .4 .7 .1 .0 .3 .3
6. * .7 .6 .3 .4 .4 .1 .5 .6 .1 .0 .3 .4
11. * .7 .6 .4 .5 .5 .1 .3 .6 .1 .0 .5 .4
16. * .7 .5 .3 .5 .3 .1 .2 .6 .1 .0 .5 .4
21. * .7 .5 .3 .6 .3 .0 .2 .5 .1 .0 .4 .5
26. * .8 .6 .5 .6 .2 .0 .1 .4 .1 .0 .4 .6
31. * .5 .5 .6 .6 .1 .0 .1 .2 .0 .0 .2 .6
36. * .6 .6 .6 .7 .1 .0 .0 .3 .0 .0 .2 .5
41. * .6 .6 .6 .6 .1 .0 .0 .3 .0 .0 .2 .6
46. * .6 .6 .5 .5 .1 .0 .0 .0 .0 .0 .0 .6
51. * .5 .5 .5 .5 .1 .0 .0 .0 .0 .0 .0 .5
56. * .3 .4 .5 .5 .1 .0 .0 .0 .0 .0 .0 .3
61. * .3 .4 .5 .5 .1 .0 .0 .0 .0 .0 .0 .2
66. * .0 .2 .5 .5 .1 .0 .0 .0 .0 .0 .0 .3
71. * .0 .2 .5 .5 .1 .0 .0 .0 .0 .0 .0 .3
76. * .1 .2 .5 .5 .1 .0 .0 .0 .0 .0 .0 .2
81. * .1 .2 .5 .5 .1 .0 .0 .0 .0 .0 .0 .2
86. * .1 .3 .5 .5 .1 .0 .0 .0 .0 .0 .0 .2
91. * .2 .2 .5 .5 .0 .0 .0 .0 .0 .0 .0 .2
96. * .2 .2 .5 .5 .0 .0 .0 .0 .0 .0 .0 .1
101. * .2 .3 .5 .5 .0 .0 .0 .0 .0 .0 .0 .1
106. * .2 .3 .5 .4 .0 .0 .0 .0 .0 .0 .0 .1
111. * .2 .3 .6 .4 .0 .0 .0 .0 .0 .0 .0 .0
116. * .2 .4 .6 .4 .0 .0 .0 .0 .0 .0 .0 .0
121. * .2 .4 .6 .3 .0 .0 .0 .0 .0 .0 .0 .0
126. * .2 .4 .6 .3 .0 .0 .0 .0 .0 .0 .0 .0
131. * .2 .5 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0
136. * .1 .5 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0
141. * .1 .4 .5 .2 .0 .0 .0 .0 .0 .0 .0 .0
146. * .1 .4 .5 .1 .0 .0 .0 .0 .0 .0 .0 .1
151. * .0 .4 .4 .1 .0 .0 .0 .0 .0 .0 .1 .1
156. * .0 .3 .3 .1 .0 .0 .1 .0 .0 .0 .1 .2
161. * .0 .2 .3 .1 .0 .0 .1 .0 .0 .0 .2 .4
166. * .0 .2 .2 .1 .0 .0 .2 .0 .0 .0 .2 .5
171. * .0 .2 .2 .1 .0 .0 .3 .0 .0 .0 .5 .6
176. * .0 .0 .1 .1 .0 .0 .4 .1 .0 .0 .6 .6
181. * .0 .0 .1 .1 .0 .0 .4 .1 .0 .0 .7 .7
186. * .0 .0 .1 .0 .0 .0 .5 .1 .0 .0 .8 .7
191. * .0 .0 .1 .0 .0 .0 .6 .2 .0 .0 .9 .7
196. * .0 .0 .0 .0 .0 .0 .6 .2 .0 .0 .9 .6
201. * .0 .0 .0 .0 .0 .0 .7 .3 .0 .0 .9 .5
206. * .0 .0 .0 .0 .0 .0 .7 .3 .0 .0 .9 .4

```

1

JOB: S30 B130AM JEFF/PROS/PEARL

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
-----
211. * .0 .0 .0 .0 .0 .0 .7 .4 .0 .0 .9 .4
216. * .0 .0 .0 .0 .0 .0 .7 .4 .1 .0 .9 .2
221. * .0 .0 .0 .0 .0 .0 .7 .4 .1 .0 .9 .2
226. * .1 .1 .0 .0 .0 .0 .7 .3 .1 .0 .7 .2
231. * .4 .1 .0 .0 .0 .0 .7 .3 .2 .0 .7 .2
236. * .4 .4 .1 .0 .0 .0 .7 .4 .2 .0 .7 .2
241. * .6 .4 .1 .0 .0 .0 .7 .4 .2 .0 .8 .5
246. * .7 .7 .2 .1 .0 .0 .8 .4 .3 .0 .8 .5
251. * .7 .8 .3 .1 .0 .0 .8 .5 .3 .0 .9 .6
256. * .8 .8 .3 .1 .0 .0 .8 .5 .3 .0 .9 .8
261. * .8 .8 .4 .2 .0 .0 .9 .4 .3 .0 .9 .7
266. * .8 .7 .4 .2 .1 .0 .9 .4 .3 .0 .1 .0 .7
271. * .8 .7 .5 .2 .1 .1 .9 .4 .4 .2 .9 .6
276. * .8 .6 .3 .2 .1 .1 .9 .4 .4 .2 .1 .0 .6
281. * .7 .6 .3 .2 .1 .1 .8 .4 .3 .1 .1 .0 .5
286. * .7 .6 .3 .2 .1 .1 .9 .3 .3 .1 .1 .0 .5
291. * .6 .6 .3 .2 .1 .2 .9 .3 .3 .1 .1 .0 .5
296. * .6 .6 .3 .2 .1 .2 .1 .0 .3 .3 .1 .9 .6
301. * .6 .6 .3 .2 .1 .2 .1 .0 .2 .2 .1 .9 .4
306. * .6 .5 .3 .2 .1 .2 .1 .2 .2 .1 .1 .0 .4
311. * .6 .5 .3 .2 .1 .3 .1 .2 .3 .2 .1 .1 .0 .5
316. * .6 .6 .3 .2 .1 .3 .1 .2 .3 .2 .1 .9 .6
321. * .6 .6 .4 .2 .1 .3 .1 .3 .4 .3 .1 .8 .6
326. * .6 .7 .4 .3 .1 .4 .1 .2 .4 .4 .1 .7 .6
331. * .7 .7 .6 .3 .2 .4 .1 .3 .4 .4 .1 .7 .6
336. * .7 .8 .6 .4 .2 .5 .1 .5 .5 .3 .1 .6 .4
341. * .8 .8 .6 .5 .3 .5 .9 .4 .2 .1 .5 .3
346. * .8 .8 .5 .4 .3 .4 .8 .4 .2 .1 .6 .3
351. * .8 .7 .5 .4 .3 .3 .7 .6 .2 .0 .3 .2
356. * .8 .6 .3 .4 .4 .2 .5 .7 .1 .0 .4 .2
361. * .7 .6 .3 .5 .4 .2 .4 .7 .1 .0 .3 .3

```

```

MAX * .8 .8 .6 .7 .5 .5 .1 .3 .7 .4 .2 .1 .0 .8
DEGR. * 25 250 30 35 10 335 315 0 270 270 265 255

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 315 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 85 DEGREES FROM REC10.

1

JOB: S30 B130AM JEFF/PROS/PEARL
 DATE: 12/22/2006 TIME: 23:12:53.53

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

```


		S30B130A.OUT																			
LINK #	*	265	305	255	310	285	255	265	230	215	85	75	215	165	150	200	85	70	105	40	10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.2	.0	.3	.2	.0	.1	.0	.0	.0	.0	.5	.9	.4	.0	.0	.3	.0	.1	.2
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
6	*	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.1	.3
7	*	.1	.0	.2	.0	.0	.1	.0	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.4	.3
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.3	.0
9	*	.0	.0	.0	.0	.0	.0	.3	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.1	.0	.2	.2	.3	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	.0	.1	.0	.1	.3	.2	.3	.4	.7	.8	.6	.0	.0	.0	.0	.1	.3	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B130AM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:12:53.53

RUN: S30 B130AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)															
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32	25	250	30	35
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6	*	.3	.2	.0	.0	.0	.0	.1	.0	.1	.0	.1	.1	.2	.0	.0	.0
7	*	.2	.3	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.2	.0	.0	.0
8	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.2	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.1	.5	.2	.2	.8	.0	.2	.1	.6	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B130P.DAT

S30	B130PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B130PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	800	2.6	0.	56.	30.
2	Ex ParkLotAG190984.634344.190941.634404.	0.	36.	3		
150	126 4.0 800 28.3 1713 3 3					
0	Entra ParkAG191032.634315.190971.634411.	575	2.6	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	225	2.6	0.	32.	30.
2	Jeff EBL AG190961.634263.190859.634197.	0.	12.	1		
150	129 4.0 225 28.3 1770 3 3					
1	Jeff EBT AG191034.634295.190827.634154.	875	2.6	0.	56.	30.
2	Jeff EBT AG190999.634272.190850.634170.	0.	36.	3		
150	119 4.0 875 28.3 1707 3 3					
1	Jeff EB aLAG190824.634155.190643.634041.	1100	2.6	0.	56.	30.
0	Jeff EB dpAG191419.634530.191210.634391.	675	2.6	0.	56.	30.
1	Jeff EB dpAG191210.634391.191034.634288.	675	2.6	0.	56.	30.
0	Jeff WBL AG191033.634306.191213.634414.	150	2.6	0.	12.	30.
2	Jeff WBL AG191067.634326.191148.634375.	0.	12.	1		
150	136 4.0 150 28.3 1770 3 3					
1	Jeff WBT AG191016.634321.191207.634431.	725	2.6	0.	56.	30.
2	Jeff WBT AG191055.634343.191154.634401.	0.	36.	3		
150	125 4.0 725 28.3 1660 3 3					
1	Jeff WBALLAG191214.634431.191290.634472.	875	2.6	0.	56.	30.
0	Jeff WBALLAG191291.634473.191420.634557.	875	2.6	0.	44.	30.
1	Jeff WBdp AG190644.634105.191015.634323.	1650	2.6	0.	56.	30.
0	Prosp NB AG191041.634310.191106.633931.	800	2.6	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.	0.	36.	3		
150	127 4.0 800 28.3 1616 3 3					
1	Prosp SB dAG191084.633933.191013.634293.	675	2.6	0.	44.	30.
1	Pearl NB AG191051.634294.191421.634085.	250	2.6	0.	44.	30.
2	Pearl NB AG191092.634272.191209.634205.	0.	24.	2		
150	128 5.0 250 28.3 1695 3 3					
1	Pearl SBdpAG191419.634065.191034.634282.	25	2.6	0.	44.	30.
0	.54 1000. 0.0Y 5 0 72					

JOB: S30 B130PM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:14:02.79

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. Ex ParkLot*	*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	800.	2.6	.0	56.0	
2. Ex ParkLot*	*	190984.0	634344.0	190475.0	635054.4	*	874.	324. AG	191.	100.0	.0	36.0	1.30 44.4
3. 0 Entra Park*	*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	575.	2.6	.0	44.0	
4. Jeff EBL*	*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	225.	2.6	.0	32.0	
5. Jeff EBL*	*	190961.0	634263.0	190362.0	633875.5	*	713.	237. AG	65.	100.0	.0	12.0	1.27 36.2
6. Jeff EBT*	*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	875.	2.6	.0	56.0	
7. Jeff EBT*	*	190999.0	634272.0	190716.8	634078.8	*	342.	236. AG	181.	100.0	.0	36.0	1.02 17.4
8. 0 Jeff EB al*	*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	1100.	2.6	.0	56.0	
9. 0 Jeff EB dp*	*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	675.	2.6	.0	56.0	
10. 0 Jeff EB dp*	*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	675.	2.6	.0	56.0	
11. 0 Jeff WBL*	*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	150.	2.6	.0	12.0	
12. Jeff WBL*	*	191067.0	634326.0	191698.6	634708.1	*	738.	59. AG	69.	100.0	.0	12.0	1.60 37.5
13. Jeff WBT*	*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	725.	2.6	.0	56.0	
14. Jeff WBT*	*	191055.0	634343.0	191530.2	634621.3	*	551.	60. AG	190.	100.0	.0	36.0	1.15 28.0
15. Jeff WBALL*	*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	875.	2.6	.0	56.0	
16. 0 Jeff WBALL*	*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	875.	2.6	.0	44.0	
17. 0 Jeff Wbdp*	*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1650.	2.6	.0	56.0	
18. 0 Prosp NB*	*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	800.	2.6	.0	56.0	
19. 0 Prosp NB*	*	191059.0	634206.0	191240.8	633123.9	*	1097.	170. AG	193.	100.0	.0	36.0	1.45 55.7
20. 0 Prosp SB d*	*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	675.	2.6	.0	44.0	
21. Pearl NB*	*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	250.	2.6	.0	44.0	
22. Pearl NB*	*	191092.0	634272.0	191174.0	634225.1	*	94.	120. AG	130.	100.0	.0	24.0	.74 4.8
23. 0 Pearl SBdp*	*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.6	.0	44.0	

JOB: S30 B130PM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:14:02.79

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Ex ParkLot*	*	150	126	4.0	800	1713	28.30	3	3
5. Jeff EBL*	*	150	129	4.0	225	1770	28.30	3	3
7. Jeff EBT*	*	150	119	4.0	875	1707	28.30	3	3
12. Jeff WBL*	*	150	136	4.0	150	1770	28.30	3	3
14. Jeff WBT*	*	150	125	4.0	725	1660	28.30	3	3
19. Prosp NB*	*	150	127	4.0	800	1616	28.30	3	3
22. Pearl NB*	*	150	128	5.0	250	1695	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B130PM JEFF/PROS/PEARL

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1.	.1	.3	.3	.5	.6	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.4	1.0
6.	.1	.3	.3	.5	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.4	1.0
11.	.1	.3	.4	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.5	1.0
16.	.0	.3	.4	.6	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.5	1.0
21.	.0	.3	.4	.6	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.6	1.0
26.	.0	.3	.4	.6	.7	.6	.5	.2	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.7	1.0
31.	.0	.3	.4	.6	.8	.6	.5	.2	.1	.1	.0	.0	.0	.0	.3	.2	.6	.1	.7	1.1
36.	.0	.2	.4	.6	.8	.6	.6	.3	.1	.1	.0	.0	.0	.0	.3	.2	.6	.1	.8	1.0
41.	.0	.1	.3	.6	.8	.7	.5	.4	.1	.1	.1	.0	.0	.0	.3	.2	.5	.1	1.0	.8
46.	.0	.1	.3	.6	.7	.6	.4	.6	.3	.2	.1	.0	.0	.0	.3	.2	.6	.1	.9	.7
51.	.0	.0	.2	.5	.7	.5	.3	.9	.4	.4	.2	.0	.0	.0	.4	.2	.6	.1	.7	.7
56.	.0	.0	.1	.4	.5	.4	.2	1.1	.7	.8	.4	.1	.0	.0	.3	.2	.7	.2	.7	.6
61.	.0	.0	.1	.3	.4	.4	.2	1.2	.9	.9	.6	.1	.0	.0	.4	.3	.8	.2	.4	.2
66.	.0	.0	.0	.2	.3	.3	.0	1.3	1.0	1.1	.8	.2	.1	.0	.6	.4	.9	.2	.4	.3
71.	.0	.0	.0	.0	.2	.0	.0	1.4	1.1	1.2	.9	.3	.1	.0	.6	.4	.8	.3	.2	.1
76.	.0	.0	.0	.0	.0	.0	.0	1.4	1.1	1.2	.9	.4	.1	.0	.5	.5	.8	.3	.2	.1
81.	.0	.0	.0	.0	.0	.0	.0	1.4	1.0	1.1	.9	.4	.2	.0	.4	.3	.7	.3	.1	.1
86.	.0	.0	.0	.0	.0	.0	.0	1.3	1.0	1.1	.9	.4	.2	.0	.5	.3	.6	.3	.1	.1
91.	.0	.0	.0	.0	.0	.0	.0	1.3	1.0	1.0	.8	.4	.2	.0	.2	.2	.6	.5	.1	.1
96.	.0	.0	.0	.0	.0	.0	.0	1.2	1.0	1.0	.8	.4	.2	.1	.2	.3	.4	.5	.1	.2
101.	.0	.0	.0	.0	.0	.0	.0	1.2	1.0	1.0	.7	.4	.2	.1	.1	.4	.3	.5	.1	.2
106.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.7	.4	.2	.1	.3	.5	.2	.5	.1	.2
111.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.7	.4	.2	.1	.3	.5	.2	.5	.1	.2
116.	.0	.0	.0	.1	.0	.0	.0	.9	.9	.9	.6	.4	.2	.1	.3	.5	.2	.5	.1	.2
121.	.0	.0	.0	.1	.0	.0	.0	.9	.8	.8	.6	.3	.2	.1	.4	.5	.2	.5	.1	.2
126.	.0	.0	.1	.2	.0	.0	.0	.9	.8	.8	.7	.2	.2	.1	.4	.5	.3	.5	.1	.2
131.	.0	.0	.1	.2	.0	.0	.0	.9	.8	.8	.6	.3	.3	.2	.5	.6	.3	.5	.1	.2
136.	.0	.0	.1	.3	.0	.0	.0	.9	.8	.8	.6	.2	.3	.2	.5	.6	.3	.5	.1	.2
141.	.0	.0	.2	.3	.0	.0	.0	.9	.8	.8	.4	.2	.6	.3	.6	.6	.5	.5	.1	.2
146.	.0	.0	.2	.4	.0	.0	.0	.9	.8	.8	.4	.4	.7	.4	.6	.6	.5	.4	.1	.2
151.	.0	.0	.3	.4	.0	.0	.0	.9	.8	.9	.4	.3	.9	.5	.6	.5	.6	.4	.1	.2
156.	.0	.0	.3	.5	.0	.0	.0	.9	.8	.9	.5	.3	1.1	.6	.6	.5	.6	.3	.0	.2
161.	.0	.0	.3	.5	.1	.0	.0	.9	.8	1.0	.5	.4	1.2	.7	.6	.5	.7	.3	.0	.1
166.	.0	.0	.5	.6	.2	.0	.0	.9	.9	1.1	.5	.5	1.2	.7	.5	.5	.6	.2	.0	.1
171.	.0	.1	.6	.6	.3	.1	.0	.9	.9	1.1	.6	.6	1.2	.7	.5	.4	.7	.2	.0	.0
176.	.0	.1	.6	.7	.3	.1	.0	1.0	1.0	1.2	.5	.7	1.1	.6	.4	.4	.6	.2	.0	.0
181.	.0	.2	.7	.7	.4	.2	.0	1.0	1.1	1.2	.4	.8	1.0	.6	.4	.4	.6	.2	.0	.0
186.	.0	.2	.7	.7	.5	.2	.1	1.1	1.2	1.2	.3	.8	1.0	.6	.4	.4	.5	.1	.0	.0
191.	.1	.2	.7	.8	.5	.2	.1	1.2	1.2	1.1	.3	.8	.9	.5	.5	.4	.5	.1	.0	.0
196.	.1	.2	.7	.6	.5	.3	.1	1.3	1.2	1.1	.4	.8	.8	.5	.5	.4	.5	.1	.0	.0
201.	.1	.2	.7	.6	.4	.3	.1	1.4	1.3	1.1	.3	1.0	.8	.5	.4	.3	.5	.1	.0	.0
206.	.1	.2	.7	.5	.3	.3	.1	1.5	1.1	1.1	.4	1.0	.7	.5	.4	.3	.5	.1	.0	.0

1

JOB: S30 B130PM JEFF/PROS/PEARL

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																			
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	.1	.2	.7	.4	.3	.3	.1	1.5	1.2	.8	.5	1.0	.7	.4	.4	.3	.5	.1	.0	.0
216.	.1	.2	.7	.3	.2	.2	.1	1.6	1.1	.9	.5	1.0	.7	.4	.4	.2	.5	.1	.0	.0
221.	.1	.2	.6	.3	.3	.2	.1	1.7	1.1	1.0	.5	.9	.6	.4	.3	.2	.4	.0	.0	.0
226.	.1	.2	.6	.1	.3	.3	.1	1.8	1.2	1.0	.7	.9	.6	.4	.3	.2	.4	.0	.0	.1
231.	.1	.2	.6	.2	.3	.4	.3	1.7	1.2	.9	.6	.8	.6	.4	.2	.0	.3	.0	.0	.1
236.	.1	.3	.6	.3	.4	.2	.4	1.6	1.0	.9	.5	.6	.6	.4	.0	.0	.3	.0	.0	.3
241.	.1	.3	.6	.4	.5	.4	.5	1.5	.9	.7	.5	.5	.6	.4	.0	.0	.1	.0	.1	.5
246.	.1	.4	.8	.6	.5	.6	.6	1.3	.6	.6	.3	.5	.6	.4	.0	.0	.0	.0	.1	.5
251.	.1	.5	.7	.6	.5	.5	.7	1.0	.3	.3	.4	.5	.6	.4	.0	.0	.0	.0	.1	.6
256.	.1	.5	.8	.6	.5	.5	.8	.7	.2	.3	.3	.4	.6	.4	.0	.0	.0	.0	.1	.7
261.	.1	.6	.7	.4	.5	.6	.9	.5	.2	.2	.4	.4	.6	.5	.0	.0	.0	.0	.1	.7
266.	.1	.6	.6	.4	.6	.6	.9	.4	.3	.2	.5	.4	.6	.5	.0	.0	.0	.0	.1	.9
271.	.2	.5	.6	.3	.5	.6	.8	.3	.2	.2	.5	.4	.7	.5	.0	.0	.0	.0	.1	.9
276.	.2	.5	.4	.3	.5	.7	.8	.3	.2	.2	.5	.5	.7	.5	.0	.0	.0	.0	.1	.8
281.	.2	.5	.4	.3	.7	.8	.8	.2	.2	.2	.6	.5	.7	.5	.0	.0	.0	.0	.1	.8
286.	.2	.5	.2	.2	.7	.8	.8	.2	.2	.3	.6	.5	.8	.5	.0	.0	.0	.0	.1	.8
291.	.0	.6	.2	.3	.7	.8	.8	.2	.2	.3	.6	.5	.8	.5	.0	.0	.0	.0	.1	.7
296.	.1	.4	.3	.3	.8	.8	.8	.2	.2	.3	.5	.5	.9	.6	.0	.0	.0	.0	.1	.7
301.	.1	.6	.3	.5	.9	.8	.8	.2	.2	.3	.5	.6	.9	.6	.0	.0	.0	.0	.2	.7
306.	.2	.5	.4	.5	.9	.8	.7	.1	.2	.3	.5	.6	1.0	.6	.0	.0	.0	.0	.2	.8
311.	.2	.4	.4	.7	.8	.7	.7	.1	.1	.2	.5	.6	1.1	.5	.0	.0	.1	.0	.2	.8
316.	.2	.4	.5	.7	.8	.7	.7	.0	.1	.2	.5	.5	1.0	.5	.1	.0	.2	.0	.2	.8
321.	.2	.4	.5	.7	.7	.7	.7	.0	.1	.1	.4	.4	.9	.4	.1	.0	.3	.0	.2	.8
326.	.1	.3	.5	.6	.7	.6	.7	.0	.0	.1	.3	.3	.8	.3	.2	.0	.4	.0	.2	.8
331.	.1	.3	.4	.6	.6	.5	.7	.0	.0	.0	.2	.2	.6	.2	.2	.1	.5	.0	.2	.9
336.	.1	.2	.3	.6	.6	.5	.7	.0	.0	.0	.1	.1	.4	.1	.3	.1	.6	.0	.2	.9
341.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.1	.2	.0	.3	.1	.6	.0	.2	.9
346.	.1	.2	.3	.5	.6	.5	.6	.0	.0	.0	.0	.0	.1	.0	.3	.2	.6	.1	.3	1.0
351.	.1	.2	.3	.5	.6	.5	.6	.1	.0	.0	.0	.0	.1	.0	.3	.2	.6	.1	.4	1.0
356.	.1	.2	.3	.5	.6	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3	.2	.7	.1	.4	1.0
361.	.1	.3	.3	.5	.6	.5	.6	.1	.0	.0	.0	.0	.0	.0	.3	.2	.6	.1	.4	1.0
MAX	.2	.6	.8	.8	.9	.8	.9	1.8	1.3	1.2	.9	1.0	1.2	.7	.6	.6	.9	.5	1.0	1.1
DEGR.	270	260	245	190	300	280	260	225	200	70	70	200	160	160	65	130	65	90	40	30

1

JOB: S30 B130PM JEFF/PROS/PEARL

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
1.	* 1.0	.5	.3	.5	.7	.4	.5	.6	.3	.1	.2	.3	
6.	* 1.0	.4	.2	.5	.8	.2	.4	.6	.2	.1	.3	.3	
11.	* .8	.4	.3	.6	.8	.2	.3	.6	.2	.1	.4	.4	
16.	* .8	.4	.3	.7	.9	.1	.4	.6	.2	.0	.4	.4	
21.	* .8	.3	.4	.9	.9	.1	.4	.6	.2	.0	.4	.4	
26.	* .7	.4	.6	.9	.8	.1	.3	.6	.2	.0	.5	.5	
31.	* .6	.4	.6	1.1	.8	.1	.2	.6	.1	.0	.5	.5	
36.	* .6	.5	.7	1.0	.8	.0	.1	.6	.1	.0	.5	.5	
41.	* .6	.5	.8	.8	.7	.0	.1	.6	.1	.0	.5	.6	
46.	* .7	.5	.8	.8	.7	.0	.1	.5	.0	.0	.3	.6	
51.	* .4	.5	.7	.7	.7	.0	.0	.4	.0	.0	.2	.5	
56.	* .4	.5	.7	.6	.7	.0	.0	.4	.0	.0	.2	.5	
61.	* .3	.4	.7	.6	.7	.0	.0	.2	.0	.0	.1	.4	
66.	* .2	.3	.7	.6	.7	.0	.0	.2	.0	.0	.1	.4	
71.	* .1	.2	.7	.6	.6	.0	.0	.2	.0	.0	.0	.3	
76.	* .2	.2	.7	.6	.5	.0	.0	.2	.0	.0	.0	.3	
81.	* .2	.2	.6	.6	.5	.0	.0	.1	.0	.0	.0	.3	
86.	* .1	.3	.6	.6	.5	.0	.0	.1	.0	.0	.0	.3	
91.	* .2	.3	.6	.6	.5	.0	.0	.1	.0	.0	.0	.3	
96.	* .2	.3	.6	.6	.5	.0	.0	.0	.0	.0	.0	.2	
101.	* .2	.3	.6	.6	.5	.0	.0	.0	.0	.0	.0	.2	
106.	* .2	.3	.7	.6	.5	.0	.0	.0	.0	.0	.0	.2	
111.	* .2	.3	.7	.7	.5	.0	.0	.0	.0	.0	.0	.1	
116.	* .2	.4	.7	.7	.5	.0	.0	.0	.0	.0	.0	.1	
121.	* .3	.5	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
126.	* .3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
131.	* .3	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	
136.	* .3	.6	.7	.7	.6	.0	.0	.0	.0	.0	.0	.0	
141.	* .3	.7	.8	.8	.6	.0	.1	.0	.0	.0	.0	.0	
146.	* .3	.7	.8	.8	.6	.0	.1	.0	.0	.0	.1	.1	
151.	* .3	.7	.8	.8	.6	.1	.2	.0	.0	.0	.1	.3	
156.	* .3	.6	.8	.7	.6	.2	.3	.0	.0	.0	.2	.4	
161.	* .3	.6	.8	.7	.6	.3	.6	.1	.0	.0	.5	.6	
166.	* .2	.5	.6	.6	.5	.5	.8	.2	.1	.0	.7	.8	
171.	* .1	.3	.5	.5	.4	.7	1.0	.3	.1	.0	.9	.9	
176.	* .1	.2	.4	.4	.3	.8	1.1	.4	.2	.0	1.0	.9	
181.	* .0	.1	.3	.2	.2	.9	1.2	.4	.2	.0	1.1	.9	
186.	* .0	.1	.1	.1	.1	.9	1.2	.5	.3	.1	1.1	.8	
191.	* .0	.0	.0	.0	.0	.9	1.1	.5	.3	.1	1.1	.8	
196.	* .0	.0	.0	.0	.0	.8	1.1	.5	.3	.1	1.0	.7	
201.	* .0	.0	.0	.0	.0	.8	1.0	.5	.3	.1	.9	.6	
206.	* .0	.0	.0	.0	.0	.7	.9	.5	.3	.1	.9	.4	

1

JOB: S30 B130PM JEFF/PROS/PEARL

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
211.	* .0	.0	.0	.0	.0	.7	.9	.4	.3	.1	.9	.3	
216.	* .0	.0	.0	.0	.0	.7	.9	.4	.2	.1	.8	.2	
221.	* .0	.0	.0	.0	.0	.6	.8	.4	.2	.1	.8	.2	
226.	* .1	.1	.0	.0	.0	.6	.8	.4	.2	.1	.8	.2	
231.	* .2	.1	.0	.0	.0	.6	.8	.4	.2	.1	.7	.2	
236.	* .3	.3	.0	.0	.0	.6	.7	.3	.2	.1	.7	.2	
241.	* .4	.4	.1	.0	.0	.6	.7	.4	.2	.1	.7	.4	
246.	* .6	.5	.1	.0	.0	.6	.7	.4	.2	.1	.8	.5	
251.	* .7	.7	.3	.0	.0	.6	.7	.5	.3	.1	.8	.5	
256.	* .8	.8	.3	.0	.0	.6	.8	.6	.3	.1	.9	.7	
261.	* .9	.8	.3	.1	.0	.6	.9	.5	.3	.1	1.0	.8	
266.	* .9	.8	.4	.1	.0	.6	.9	.5	.3	.1	1.0	.8	
271.	* .8	.8	.5	.1	.0	.6	.8	.5	.4	.1	1.0	.7	
276.	* .8	.8	.5	.1	.0	.7	.8	.4	.4	.2	1.0	.7	
281.	* .8	.8	.5	.2	.0	.7	.8	.4	.2	.2	1.0	.6	
286.	* .8	.7	.5	.2	.0	.7	.9	.3	.2	.2	.9	.5	
291.	* .8	.7	.5	.2	.0	.8	1.0	.2	.2	.2	.9	.4	
296.	* .8	.7	.5	.2	.1	.8	1.0	.2	.3	.2	.8	.4	
301.	* .8	.7	.5	.2	.1	.9	1.0	.2	.3	.1	.8	.4	
306.	* .8	.7	.5	.2	.1	.9	.9	.3	.3	.1	.9	.5	
311.	* .8	.8	.3	.2	.1	.9	1.1	.2	.3	.1	.8	.5	
316.	* .8	.7	.4	.2	.1	.9	1.1	.3	.4	.2	.8	.6	
321.	* .9	.8	.5	.3	.1	1.2	1.2	.4	.5	.2	.9	.5	
326.	* .9	.9	.5	.3	.2	1.2	1.2	.5	.5	.2	.8	.5	
331.	* .9	.9	.6	.4	.2	1.1	1.2	.4	.4	.1	.7	.4	
336.	* .9	1.0	.7	.3	.2	1.1	1.1	.4	.4	.1	.6	.3	
341.	* 1.0	1.0	.6	.4	.4	.9	1.0	.4	.3	.1	.6	.3	
346.	* 1.0	.8	.4	.4	.5	.8	.9	.3	.2	.1	.5	.3	
351.	* 1.1	.8	.4	.4	.5	.8	.8	.4	.2	.1	.3	.2	
356.	* 1.0	.7	.3	.4	.6	.5	.6	.6	.3	.1	.4	.3	
361.	* 1.0	.5	.3	.5	.7	.4	.5	.6	.3	.1	.2	.3	
MAX	* 1.1	1.0	.8	1.1	.9	1.2	1.2	.6	.5	.2	1.1	.9	
DEGR.	* 350	335	40	30	15	320	180	0	320	275	180	170	

THE HIGHEST CONCENTRATION IS 1.80 PPM AT 225 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 200 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 70 DEGREES FROM REC10.

1

JOB: S30 B130PM JEFF/PROS/PEARL
 DATE: 12/22/2006 TIME: 23:14:02.79

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
 Page 3

		S30B130P.OUT																			
LINK #	*	270	260	245	190	300	280	260	225	200	70	70	200	160	160	65	130	65	90	40	30
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0
2	*	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.4	.8	.5	.2	.0	.3	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.1	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.2	.1	.1	.0	.2	.0	.2	.5	.6
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.4	.4	.5	1.3	.8	1.0	.7	.0	.0	.0	.3	.0	.4	.0	.1	.1
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.1
18	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.1	.1	.1	.4	.0	.0	.0	.0	.2	.0	.0	.0	.2	.1	.0	.2	.0	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.2	.4	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B130PM JEFF/PROS/PEARL
DATE: 12/22/2006 TIME: 23:14:02.79

RUN: S30 B130PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)															
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32	350	335	40	30
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.3	.4	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.5	.4	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.2	.2	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0
19	*	.0	.0	.2	.5	.6	.8	1.1	.0	.0	.1	1.0	.8	.0	.0	.0	.0
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.1	.1	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B230A.DAT

S30	B230AM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B230AM	JEFFERSON PROSPECT PEARL	23	1	1

1		Ex ParkLotAG191015.634302.190920.634432.	225	2.6	0.	56.	30.
2		Ex ParkLotAG190984.634344.190941.634404.	0.	36.		3	
150	139	4.0 225 28.3 1708 3 3					
0	1	Entra ParkAG191032.634315.190971.634411.	675	2.6	0.	44.	30.
1		Jeff EBL AG191027.634306.190822.634172.	600	2.6	0.	32.	30.
2		Jeff EBL AG190961.634263.190859.634197.	0.	12.		1	
150	94	4.0 600 28.3 1770 3 3					
1		Jeff EBT AG191034.634295.190827.634154.	2950	2.6	0.	56.	30.
2		Jeff EBT AG190999.634272.190850.634170.	0.	36.		3	
150	60	4.0 2950 28.3 1707 3 3					
0	1	Jeff EB aLAG190824.634155.190643.634041.	3550	2.6	0.	56.	30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	2150	2.6	0.	56.	30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	2150	2.6	0.	56.	30.
0	1	Jeff WBL AG191033.634306.191213.634414.	25	2.6	0.	12.	30.
2		Jeff WBL AG191067.634326.191148.634375.	0.	12.		1	
150	143	4.0 25 28.3 1770 3 3					
1		Jeff WBT AG191016.634321.191207.634431.	1125	2.6	0.	56.	30.
2		Jeff WBT AG191055.634343.191154.634401.	0.	36.		3	
150	107	4.0 1125 28.3 1689 3 3					
1		Jeff WBALLAG191214.634431.191290.634472.	1150	2.6	0.	56.	30.
0	1	Jeff WBALLAG191291.634473.191420.634557.	1150	2.6	0.	44.	30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1700	2.6	0.	56.	30.
0	1	Prosp NB AG191041.634310.191106.633931.	525	2.6	0.	56.	30.
2		Prosp NB AG191059.634206.191079.634087.	0.	36.		3	
150	126	4.0 525 28.3 1612 3 3					
1		Prosp SB dAG191084.633933.191013.634293.	925	2.6	0.	44.	30.
1		Pearl NB AG191051.634294.191421.634085.	150	2.6	0.	44.	30.
2		Pearl NB AG191092.634272.191209.634205.	0.	24.		2	
150	128	5.0 150 28.3 1748 3 3					
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.6	0.	44.	30.
1.0	.54	1000. 0.0Y 5 0 72					

JOB: S30 B230AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:04.55

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	225.	2.6	.0	56.0	
2.	Ex ParkLot*	190984.0	634344.0	190813.4	634582.2	*	293.	324. AG	211.	100.0	.0	36.0	1.34 14.9
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	675.	2.6	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	600.	2.6	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190518.9	633977.0	*	526.	237. AG	48.	100.0	.0	12.0	1.02 26.7
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	2950.	2.6	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	190378.0	633846.8	*	753.	236. AG	91.	100.0	.0	36.0	1.03 38.2
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	3550.	2.6	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	2150.	2.6	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	2150.	2.6	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	25.	2.6	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191233.3	634426.6	*	194.	59. AG	72.	100.0	.0	12.0	2.27 9.9
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	1125.	2.6	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191275.9	634472.4	*	256.	60. AG	162.	100.0	.0	36.0	.90 13.0
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	1150.	2.6	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	1150.	2.6	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1700.	2.6	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	525.	2.6	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191084.4	634054.6	*	154.	170. AG	191.	100.0	.0	36.0	.91 7.8
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	925.	2.6	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	150.	2.6	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191137.6	634245.9	*	52.	120. AG	130.	100.0	.0	24.0	.43 2.7
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.6	.0	44.0	

JOB: S30 B230AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:04.55

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	150	139	4.0	225	1708	28.30	3	3
5.	Jeff EBL*	150	94	4.0	600	1770	28.30	3	3
7.	Jeff EBT*	150	60	4.0	2950	1707	28.30	3	3
12.	Jeff WBL*	150	143	4.0	25	1770	28.30	3	3
14.	Jeff WBT*	150	107	4.0	1125	1689	28.30	3	3
19.	Prosp NB*	150	126	4.0	525	1612	28.30	3	3
22.	Pearl NB*	150	128	5.0	150	1748	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B230AM JEFF/PROS/PEARL

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)																				
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
1.	*	.0	.1	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.8	
6.	*	.0	.1	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.9	
11.	*	.0	.1	.4	.7	.7	.6	.2	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	1.0	
16.	*	.0	.2	.4	.7	.8	.7	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.0	.9	.9	
21.	*	.0	.2	.4	.7	.8	.8	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	.9	.9	
26.	*	.0	.1	.5	.7	.7	.7	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	1.0	.9	
31.	*	.0	.1	.3	.7	.7	.5	.1	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	1.0	.9	
36.	*	.0	.0	.2	.6	.7	.5	.1	.0	.1	.1	.0	.0	.0	.3	.2	.5	.1	1.0	.9	
41.	*	.0	.0	.2	.6	.7	.5	.1	.1	.1	.1	.0	.0	.0	.3	.2	.5	.1	1.1	.6	
46.	*	.0	.0	.1	.6	.6	.5	.1	.1	.1	.3	.1	.0	.0	.3	.2	.5	.1	1.0	.6	
51.	*	.0	.0	.1	.5	.6	.3	.1	.1	.2	.3	.1	.0	.0	.3	.2	.5	.1	.8	.5	
56.	*	.0	.0	.0	.4	.4	.2	.1	.1	.4	.5	.3	.0	.0	.4	.2	.5	.1	.5	.4	
61.	*	.0	.0	.0	.4	.4	.2	.1	.1	.6	.7	.4	.0	.0	.4	.2	.6	.2	.4	.3	
66.	*	.0	.0	.0	.1	.3	.2	.1	.1	.7	.8	.6	.1	.0	.3	.2	.5	.2	.3	.2	
71.	*	.0	.0	.0	.1	.3	.1	.0	.1	.9	1.0	.8	.1	.0	.4	.2	.7	.2	.2	.1	
76.	*	.0	.0	.0	.1	.1	.1	.0	.1	.9	1.0	.9	.1	.0	.4	.3	.7	.3	.1	.1	
81.	*	.0	.0	.0	.0	.1	.1	.0	.1	1.0	1.0	.9	.2	.0	.4	.3	.8	.3	.1	.1	
86.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.1	.8	.2	.1	.0	.4	.4	.7	.3	.0	
91.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.1	.8	.2	.1	.0	.4	.3	.5	.3	.0	
96.	*	.0	.0	.0	.0	.1	.0	.0	.2	1.0	1.0	.8	.4	.1	.0	.4	.3	.4	.4	.0	
101.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.8	.5	.1	.0	.2	.4	.3	.4	.0	
106.	*	.0	.0	.0	.0	.1	.0	.0	.2	.9	.9	.7	.5	.1	.0	.2	.4	.3	.5	.0	
111.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.1	.0	.3	.4	.3	.3	.0	
116.	*	.0	.0	.0	.0	.0	.0	.0	.2	.9	.9	.7	.4	.1	.1	.4	.2	.3	.3	.0	
121.	*	.0	.0	.0	.0	.0	.0	.0	.2	.8	.8	.6	.4	.2	.1	.4	.4	.2	.3	.0	
126.	*	.0	.0	.0	.1	.0	.0	.0	.2	.8	.8	.6	.4	.2	.1	.4	.4	.3	.3	.0	
131.	*	.0	.0	.0	.1	.0	.0	.0	.2	.9	.8	.7	.2	.3	.2	.4	.4	.4	.3	.0	
136.	*	.0	.0	.0	.2	.0	.0	.0	.3	.8	.8	.6	.2	.4	.2	.4	.3	.4	.3	.0	
141.	*	.0	.0	.0	.2	.0	.0	.0	.3	.8	.8	.5	.3	.4	.2	.4	.3	.4	.3	.0	
146.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.8	.4	.3	.6	.3	.4	.3	.5	.3	.0	
151.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.8	.5	.3	.8	.4	.4	.3	.5	.3	.0	
156.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.8	.5	.2	1.0	.4	.3	.3	.4	.3	.0	
161.	*	.0	.0	.0	.3	.0	.0	.0	.3	.8	.9	.3	.3	1.1	.4	.3	.3	.4	.3	.0	
166.	*	.0	.0	.0	.4	.0	.0	.0	.3	.8	.9	.4	.4	1.2	.4	.3	.4	.4	.3	.0	
171.	*	.0	.0	.0	.4	.0	.0	.0	.3	.8	1.0	.6	.4	1.1	.4	.3	.3	.3	.3	.0	
176.	*	.0	.0	.0	.4	.0	.0	.0	.3	.8	1.0	.6	.7	1.1	.3	.3	.3	.3	.3	.0	
181.	*	.0	.0	.0	.5	.2	.0	.0	.3	.8	1.0	.5	.7	1.1	.2	.3	.3	.3	.3	.0	
186.	*	.0	.0	.2	.5	.2	.0	.0	.3	1.0	1.0	.4	.7	1.0	.2	.4	.3	.4	.3	.0	
191.	*	.0	.0	.2	.6	.2	.0	.0	.3	1.0	1.0	.5	.7	1.0	.1	.4	.3	.5	.1	.0	
196.	*	.0	.0	.3	.5	.4	.1	.0	.3	1.0	1.0	.5	.8	.9	.1	.4	.4	.5	.1	.0	
201.	*	.0	.0	.4	.4	.4	.1	.0	.3	1.1	1.1	.6	.8	.8	.0	.5	.4	.5	.1	.0	
206.	*	.0	.1	.4	.4	.4	.1	.0	.3	1.1	1.0	.6	.8	.8	.0	.5	.4	.5	.1	.0	

1

JOB: S30 B230AM JEFF/PROS/PEARL

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)		* CONCENTRATION (PPM)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
211.	*	.0	.1	.4	.2	.3	.2	.0	.3	1.1	.9	.6	.8	.8	.0	.4	.3	.6	.1	.0	.0
216.	*	.0	.1	.5	.2	.3	.3	.1	.4	1.2	.9	.6	.9	.8	.0	.4	.3	.7	.1	.0	.0
221.	*	.0	.2	.5	.2	.3	.3	.1	.4	1.2	.9	.6	.9	.8	.0	.4	.3	.7	.1	.1	.0
226.	*	.0	.2	.5	.2	.6	.4	.1	.5	1.2	.9	.9	.8	.7	.0	.3	.2	.4	.0	.1	.2
231.	*	.0	.2	.5	.3	.4	.4	.3	.5	1.1	.8	.9	.8	.7	.0	.2	.1	.3	.0	.2	.2
236.	*	.0	.2	.6	.4	.4	.4	.4	.5	.9	.8	.5	.6	.7	.0	.2	.0	.2	.0	.2	.3
241.	*	.0	.3	.6	.7	.6	.5	.4	.5	.9	.7	.5	.6	.7	.0	.0	.0	.1	.0	.3	.5
246.	*	.0	.3	.7	.7	.5	.8	.6	.4	.6	.5	.4	.6	.7	.0	.0	.0	.0	.0	.3	.6
251.	*	.0	.3	.6	.7	.6	.8	.5	.3	.4	.4	.5	.6	.7	.0	.0	.0	.0	.0	.4	.7
256.	*	.0	.2	.7	.6	.7	.9	.6	.3	.3	.3	.4	.5	.7	.0	.0	.0	.0	.0	.4	.7
261.	*	.1	.3	.6	.6	.8	.8	.6	.2	.3	.2	.5	.6	.7	.0	.0	.0	.0	.0	.5	.9
266.	*	.1	.3	.6	.5	.8	.9	.6	.1	.3	.2	.5	.5	.7	.0	.0	.0	.0	.0	.6	.9
271.	*	.2	.3	.6	.5	.8	.9	.5	.1	.2	.2	.5	.5	.7	.0	.0	.0	.0	.0	.5	.8
276.	*	.1	.3	.6	.5	.7	.9	.5	.0	.2	.3	.5	.5	.8	.0	.0	.0	.0	.0	.5	.8
281.	*	.1	.3	.6	.5	.8	.9	.4	.0	.2	.3	.6	.5	.8	.0	.0	.0	.0	.0	.5	.8
286.	*	.1	.3	.4	.3	.9	.9	.3	.0	.1	.3	.6	.5	.8	.0	.0	.0	.0	.0	.5	.8
291.	*	.0	.2	.3	.4	.9	.9	.3	.0	.1	.3	.6	.5	.9	.0	.0	.0	.0	.0	.5	.7
296.	*	.1	.2	.4	.4	.9	.8	.3	.0	.1	.2	.6	.6	.9	.0	.0	.0	.0	.0	.5	.6
301.	*	.1	.3	.4	.7	.9	.8	.3	.0	.1	.2	.6	.5	.9	.0	.0	.0	.0	.0	.6	.7
306.	*	.2	.5	.4	.7	.9	.8	.3	.0	.0	.1	.6	.5	.9	.0	.0	.0	.0	.0	.6	.7
311.	*	.2	.5	.4	.8	.8	.7	.3	.0	.0	.1	.4	.4	.9	.0	.0	.0	.0	.0	.6	.6
316.	*	.1	.3	.5	.7	.8	.7	.3	.0	.0	.1	.3	.4	.8	.0	.0	.0	.1	.0	.6	.6
321.	*	.1	.3	.5	.8	.7	.7	.3	.0	.0	.0	.2	.3	.7	.0	.0	.0	.2	.0	.7	.6
326.	*	.1	.3	.5	.7	.7	.7	.3	.0	.0	.0	.2	.2	.5	.0	.0	.0	.3	.0	.7	.6
331.	*	.1	.2	.4	.7	.7	.7	.3	.0	.0	.0	.1	.1	.4	.0	.1	.0	.4	.0	.7	.6
336.	*	.1	.3	.4	.7	.7	.6	.3	.0	.0	.0	.0	.1	.2	.0	.1	.0	.5	.0	.7	.6
341.	*	.0	.3	.4	.7	.7	.7	.3	.0	.0	.0	.0	.0	.2	.0	.2	.0	.5	.0	.7	.6
346.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.1	.0	.2	.0	.6	.0	.8	.7
351.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.1	.0	.3	.0	.6	.0	.8	.7
356.	*	.0	.2	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.7
361.	*	.0	.1	.4	.7	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.3	.1	.6	.0	.8	.8
MAX	*	.2	.5	.7	.8	.9	.9	.6	.5	1.2	1.1	.9	.9	1.2	.4	.5	.4	.8	.5	1.1	1.0
DEGR.	*	270	305	245	310	285	255	245	225	215	85	225	215	165	150	200	85	80	105	40	10

1

JOB: S30 B230AM JEFF/PROS/PEARL

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
1.	*	.7	.6	.3	.5	.3	.2	.4	.7	.1	.0	.3	.3
6.	*	.7	.6	.3	.4	.4	.2	.5	.6	.1	.0	.3	.4
11.	*	.7	.5	.4	.5	.5	.1	.3	.6	.1	.0	.5	.4
16.	*	.7	.5	.3	.5	.4	.0	.2	.6	.1	.0	.5	.4
21.	*	.7	.5	.3	.6	.3	.0	.2	.5	.1	.0	.3	.4
26.	*	.8	.5	.5	.6	.2	.0	.1	.3	.0	.0	.3	.5
31.	*	.5	.5	.6	.7	.1	.0	.1	.2	.0	.0	.2	.5
36.	*	.5	.6	.5	.7	.1	.0	.0	.3	.0	.0	.2	.5
41.	*	.6	.6	.6	.5	.1	.0	.0	.2	.0	.0	.2	.6
46.	*	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0	.0	.5
51.	*	.4	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.5
56.	*	.3	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.3
61.	*	.3	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.2
66.	*	.0	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.3
71.	*	.0	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.3
76.	*	.1	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.2
81.	*	.1	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.2
86.	*	.1	.3	.5	.5	.1	.0	.0	.0	.0	.0	.0	.2
91.	*	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.2
96.	*	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.1
101.	*	.2	.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	.1
106.	*	.2	.3	.6	.5	.0	.0	.0	.0	.0	.0	.0	.1
111.	*	.2	.3	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0
116.	*	.2	.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0
121.	*	.2	.4	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0
126.	*	.2	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0
131.	*	.2	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0
136.	*	.1	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0
141.	*	.1	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0
146.	*	.1	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.1
151.	*	.0	.4	.4	.2	.0	.0	.1	.0	.0	.0	.1	.1
156.	*	.0	.3	.4	.1	.0	.0	.1	.0	.0	.0	.1	.2
161.	*	.0	.3	.3	.1	.0	.0	.1	.0	.0	.0	.2	.4
166.	*	.0	.2	.2	.1	.0	.0	.3	.0	.0	.0	.3	.5
171.	*	.0	.2	.2	.1	.0	.0	.4	.0	.0	.0	.5	.6
176.	*	.0	.0	.1	.1	.0	.0	.4	.1	.0	.0	.6	.6
181.	*	.0	.0	.1	.1	.0	.0	.5	.1	.0	.0	.7	.8
186.	*	.0	.0	.1	.0	.0	.0	.6	.2	.0	.0	.8	.7
191.	*	.0	.0	.1	.0	.0	.0	.7	.2	.0	.0	.9	.7
196.	*	.0	.0	.0	.0	.0	.0	.7	.3	.0	.0	1.0	.6
201.	*	.0	.0	.0	.0	.0	.0	.8	.3	.0	.0	1.0	.5
206.	*	.0	.0	.0	.0	.0	.0	.8	.3	.0	.0	.9	.4

1

JOB: S30 B230AM JEFF/PROS/PEARL

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)											
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
211.	*	.0	.0	.0	.0	.0	.0	.8	.4	.1	.0	.9	.4
216.	*	.0	.0	.0	.0	.0	.0	.8	.4	.1	.0	.9	.2
221.	*	.0	.0	.0	.0	.0	.0	.8	.4	.1	.0	.9	.2
226.	*	.1	.1	.0	.0	.0	.0	.7	.4	.1	.0	.8	.2
231.	*	.3	.1	.0	.0	.0	.0	.7	.3	.2	.0	.7	.2
236.	*	.4	.4	.1	.0	.0	.0	.7	.3	.2	.0	.7	.2
241.	*	.4	.4	.1	.0	.0	.0	.7	.4	.2	.0	.8	.5
246.	*	.7	.7	.2	.0	.0	.0	.7	.4	.2	.0	.8	.5
251.	*	.7	.8	.2	.1	.0	.0	.8	.5	.3	.0	.9	.6
256.	*	.8	.8	.3	.1	.0	.0	.8	.5	.3	.0	.9	.8
261.	*	.8	.8	.4	.2	.0	.0	.9	.4	.3	.0	.9	.7
266.	*	.8	.7	.4	.2	.0	.0	.9	.4	.3	.0	1.0	.7
271.	*	.8	.6	.4	.2	.0	.0	.9	.4	.4	.1	.9	.6
276.	*	.8	.6	.3	.2	.1	.1	.9	.4	.4	.1	.9	.6
281.	*	.7	.6	.3	.2	.1	.1	.8	.4	.3	.1	1.0	.5
286.	*	.7	.6	.3	.2	.1	.1	.9	.3	.3	.1	1.0	.5
291.	*	.6	.6	.3	.2	.1	.2	1.0	.3	.3	.1	1.0	.5
296.	*	.6	.6	.3	.2	.1	.2	1.0	.3	.3	.1	.8	.6
301.	*	.6	.6	.3	.2	.1	.2	1.0	.2	.2	.1	.9	.4
306.	*	.6	.5	.3	.2	.1	.2	1.1	.2	.2	.1	1.0	.4
311.	*	.6	.5	.3	.2	.1	.3	1.2	.3	.2	.1	1.0	.5
316.	*	.6	.6	.3	.2	.1	.3	1.3	.2	.3	.2	.9	.6
321.	*	.6	.6	.4	.2	.1	.3	1.3	.4	.3	.1	.8	.6
326.	*	.6	.7	.4	.3	.1	.4	1.2	.4	.4	.1	.7	.6
331.	*	.7	.7	.6	.3	.2	.5	1.3	.4	.4	.1	.7	.6
336.	*	.7	.8	.6	.4	.2	.5	1.0	.5	.3	.1	.6	.4
341.	*	.8	.8	.5	.5	.3	.5	.9	.4	.2	.1	.4	.3
346.	*	.8	.8	.5	.4	.3	.4	.8	.4	.2	.0	.6	.3
351.	*	.8	.7	.5	.4	.3	.3	.7	.5	.2	.0	.3	.2
356.	*	.8	.6	.3	.4	.4	.2	.5	.7	.1	.0	.4	.2
361.	*	.7	.6	.3	.5	.3	.2	.4	.7	.1	.0	.3	.3
MAX	*	.8	.8	.6	.7	.5	.5	1.3	.7	.4	.2	1.0	.8
DEGR.	*	25	250	30	30	10	330	315	0	270	315	195	180

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 315 DEGREES FROM REC27.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 165 DEGREES FROM REC13.

1

JOB: S30 B230AM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 12:31:04.55

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

*	CO/LINK	(PPM)																		
*	ANGLE	(DEGREES)																		
*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20

Page 3

		S30B230A.OUT																			
LINK #	*	270	305	245	310	285	255	245	225	215	85	225	215	165	150	200	85	80	105	40	10
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.2	.0	.3	.2	.0	.0	.0	.0	.0	.1	.5	.9	.4	.0	.0	.2	.0	.1	.2
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1
6	*	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.0	.1	.1	.3
7	*	.1	.0	.1	.0	.0	.1	.1	.0	.1	.0	.2	.1	.1	.0	.1	.1	.0	.1	.4	.3
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.3	.0
9	*	.0	.0	.0	.0	.0	.0	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.1	.0	.2	.2	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
13	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
14	*	.0	.1	.0	.1	.3	.2	.2	.2	.7	.7	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B230AM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:04.55

RUN: S30 B230AM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM)											
		ANGLE (DEGREES)											
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32
		25	250	30	30	10	330	315	0	270	315	195	180
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.3	.2	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
7	*	.2	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
8	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.1	.0	.2	.1	.1	.0	.0	.2	.0	.1	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1
19	*	.0	.0	.1	.5	.2	.2	.8	.0	.2	.0	.8	.6
20	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S30B230P.DAT

S30	B230PM	JEFF/PROS/PEARL	60.0175.0.0000.000320.30480000	11	1

REC 1	400'	SW CORNER	191422.	634107.	5.
REC 2	82'	SW CORNER	191199.	634229.	5.
REC 2	82'	SW CORNER	191147.	634269.	5.
REC 4	82'	SW CORNER	191102.	634296.	5.
REC 5	82'	WS CORNER	191146.	634334.	5.
REC 6	164'	WS CORNE	191212.	634368.	5.
REC 7	400'	WS CORNE	191405.	634489.	5.
REC 8	400'	EN CORNE	191373.	634545.	5.
REC 9	164'	EN CORNE	191163.	634432.	5.
REC 10	82'	EN CORNE	191095.	634393.	5.
REC 11		NE CORNER	191031.	634367.	5.
REC 12	82'	NE CORNER	190993.	634409.	5.
REC 13	164'	NE CORNE	190925.	634465.	5.
REC 14	400'	NE CORNE	190808.	634663.	5.
REC 15	82'	NW CORNER	190890.	634320.	5.
REC 16	164'	NW CORNE	190796.	634271.	5.
REC 17		NW CORNER	190942.	634331.	5.
REC 18		NW CORNER	190659.	634207.	5.
REC 19	400'	WS CORNE	190683.	634022.	5.
REC 20	164'	WS CORNE	190865.	634138.	5.
REC 21	82'	WS CORNER	190948.	634192.	5.
REC 22		SW CORNER	190999.	634219.	5.
REC 23	82'	SW CORNER	191021.	634174.	5.
REC 24	164'	SW CORNE	191034.	634091.	5.
REC 25		SW CORNER	191064.	633933.	5.
REC 27		BET P&P	191131.	633936.	5.
REC 28	164'	BET P&P	191098.	634103.	5.
REC 30	82'	BET P&P	191120.	634212.	5.
REC 31	164'	BET P&P	191187.	634172.	5.
REC 32	400'	BET P&P	191394.	634058.	5.
REC 32	400'	BET P&P	191088.	634178.	5.
REC 32	400'	BET P&P	191069.	634244.	5.

S30	B230PM	JEFFERSON PROSPECT PEARL	23	1	1

1	Ex ParkLotAG191015.634302.190920.634432.	800	2.6	0.	56.	30.	
2	Ex ParkLotAG190984.634344.190941.634404.	0.	36.	3			
150	117 4.0 800 28.3 1714 3 3						
0	1	Entra ParkAG191032.634315.190971.634411.	550	2.6	0.	44.	30.
1	Jeff EBL AG191027.634306.190822.634172.	200	2.6	0.	32.	30.	
2	Jeff EBL AG190961.634263.190859.634197.	0.	12.	1			
150	124 4.0 200 28.3 1770 3 3						
1	Jeff EBT AG191034.634295.190827.634154.	850	2.6	0.	56.	30.	
2	Jeff EBT AG190999.634272.190850.634170.	0.	36.	3			
150	107 4.0 850 28.3 1707 3 3						
0	1	Jeff EB aLAG190824.634155.190643.634041.	1050	2.6	0.	56.	30.
0	1	Jeff EB dpAG191419.634530.191210.634391.	675	2.6	0.	56.	30.
0	1	Jeff EB dpAG191210.634391.191034.634288.	675	2.6	0.	56.	30.
0	1	Jeff WBL AG191033.634306.191213.634414.	150	2.6	0.	12.	30.
2	Jeff WBL AG191067.634326.191148.634375.	0.	12.	1			
150	132 4.0 150 28.3 1770 3 3						
1	Jeff WBT AG191016.634321.191207.634431.	650	2.6	0.	56.	30.	
2	Jeff WBT AG191055.634343.191154.634401.	0.	36.	3			
150	114 4.0 650 28.3 1661 3 3						
1	Jeff WBALLAG191214.634431.191290.634472.	900	2.6	0.	56.	30.	
0	1	Jeff WBALLAG191291.634473.191420.634557.	900	2.6	0.	44.	30.
0	1	Jeff WBdp AG190644.634105.191015.634323.	1625	2.6	0.	56.	30.
0	1	Prosp NB AG191041.634310.191106.633931.	800	2.6	0.	56.	30.
2	Prosp NB AG191059.634206.191079.634087.	0.	36.	3			
150	118 4.0 800 28.3 1611 3 3						
1	Prosp SB dAG191084.633933.191013.634293.	700	2.6	0.	44.	30.	
1	Pearl NB AG191051.634294.191421.634085.	250	2.6	0.	44.	30.	
2	Pearl NB AG191092.634272.191209.634205.	0.	24.	2			
150	122 5.0 250 28.3 1695 3 3						
0	1	Pearl SBdpAG191419.634065.191034.634282.	25	2.6	0.	44.	30.
1.0	.54 1000. 0.0Y 5 0 72						

JOB: S30 B230PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:34.92

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	Ex ParkLot*	191015.0	634302.0	190920.0	634432.0	*	161.	324. AG	800.	2.6	.0	56.0	
2.	Ex ParkLot*	190984.0	634344.0	190870.9	634501.9	*	194.	324. AG	178.	100.0	.0	36.0	.86 9.9
3. 0	Entra Park*	191032.0	634315.0	190971.0	634411.0	*	114.	328. AG	550.	2.6	.0	44.0	
4.	Jeff EBL*	191027.0	634306.0	190822.0	634172.0	*	245.	237. AG	200.	2.6	.0	32.0	
5.	Jeff EBL*	190961.0	634263.0	190830.1	634178.3	*	156.	237. AG	63.	100.0	.0	12.0	.85 7.9
6.	Jeff EBT*	191034.0	634295.0	190827.0	634154.0	*	250.	236. AG	850.	2.6	.0	56.0	
7.	Jeff EBT*	190999.0	634272.0	190862.4	634178.5	*	166.	236. AG	162.	100.0	.0	36.0	.67 8.4
8. 0	Jeff EB al*	190824.0	634155.0	190643.0	634041.0	*	214.	238. AG	1050.	2.6	.0	56.0	
9. 0	Jeff EB dp*	191419.0	634530.0	191210.0	634391.0	*	251.	236. AG	675.	2.6	.0	56.0	
10. 0	Jeff EB dp*	191210.0	634391.0	191034.0	634288.0	*	204.	240. AG	675.	2.6	.0	56.0	
11. 0	Jeff WBL*	191033.0	634306.0	191213.0	634414.0	*	210.	59. AG	150.	2.6	.0	12.0	
12.	Jeff WBL*	191067.0	634326.0	191288.0	634459.7	*	258.	59. AG	67.	100.0	.0	12.0	1.06 13.1
13.	Jeff WBT*	191016.0	634321.0	191207.0	634431.0	*	220.	60. AG	650.	2.6	.0	56.0	
14.	Jeff WBT*	191055.0	634343.0	191171.2	634411.0	*	135.	60. AG	173.	100.0	.0	36.0	.65 6.8
15.	Jeff WBALL*	191214.0	634431.0	191290.0	634472.0	*	86.	62. AG	900.	2.6	.0	56.0	
16. 0	Jeff WBALL*	191291.0	634473.0	191420.0	634557.0	*	154.	57. AG	900.	2.6	.0	44.0	
17. 0	Jeff Wbdp*	190644.0	634105.0	191015.0	634323.0	*	430.	60. AG	1625.	2.6	.0	56.0	
18. 0	Prosp NB*	191041.0	634310.0	191106.0	633931.0	*	385.	170. AG	800.	2.6	.0	56.0	
19.	Prosp NB*	191059.0	634206.0	191096.6	633982.5	*	227.	170. AG	179.	100.0	.0	36.0	.95 11.5
20.	Prosp SB d*	191084.0	633933.0	191013.0	634293.0	*	367.	349. AG	700.	2.6	.0	44.0	
21.	Pearl NB*	191051.0	634294.0	191421.0	634085.0	*	425.	119. AG	250.	2.6	.0	44.0	
22.	Pearl NB*	191092.0	634272.0	191164.4	634230.6	*	83.	120. AG	123.	100.0	.0	24.0	.53 4.2
23. 0	Pearl SBdp*	191419.0	634065.0	191034.0	634282.0	*	442.	299. AG	25.	2.6	.0	44.0	

JOB: S30 B230PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:34.92

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	Ex ParkLot*	150	117	4.0	800	1714	28.30	3	3
5.	Jeff EBL*	150	124	4.0	200	1770	28.30	3	3
7.	Jeff EBT*	150	107	4.0	850	1707	28.30	3	3
12.	Jeff WBL*	150	132	4.0	150	1770	28.30	3	3
14.	Jeff WBT*	150	114	4.0	650	1661	28.30	3	3
19.	Prosp NB*	150	118	4.0	800	1611	28.30	3	3
22.	Pearl NB*	150	122	5.0	250	1695	28.30	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SW CORNER	*	191422.0	634107.0	5.0	*
2. REC 2 SW CORNER	*	191199.0	634229.0	5.0	*
3. REC 2 82' SW CORNER	*	191147.0	634269.0	5.0	*
4. REC 4 SW CORNER	*	191102.0	634296.0	5.0	*
5. REC 5 82' WS CORNER	*	191146.0	634334.0	5.0	*
6. REC 6 164' WS CORNE	*	191212.0	634368.0	5.0	*
7. REC 7 400' WS CORNE	*	191405.0	634489.0	5.0	*
8. REC 8 400' EN CORNE	*	191373.0	634545.0	5.0	*
9. REC 9 164' EN CORNE	*	191163.0	634432.0	5.0	*
10. REC 10 82' EN CORNE	*	191095.0	634393.0	5.0	*
11. REC 11 NE CORNER	*	191031.0	634367.0	5.0	*
12. REC 12 82' NE CORNER	*	190993.0	634409.0	5.0	*
13. REC 13 164' NE CORNE	*	190925.0	634465.0	5.0	*
14. REC 14 400' NE CORNE	*	190808.0	634663.0	5.0	*
15. REC 15 82' NW CORNER	*	190890.0	634320.0	5.0	*
16. REC 16 164' NW CORNE	*	190796.0	634271.0	5.0	*
17. REC 17 NW CORNER	*	190942.0	634331.0	5.0	*
18. REC 18 NW CORNER	*	190659.0	634207.0	5.0	*
19. REC 19 400' WS CORNE	*	190683.0	634022.0	5.0	*
20. REC 20 164' WS CORNE	*	190865.0	634138.0	5.0	*
21. REC 21 82' WS CORNER	*	190948.0	634192.0	5.0	*
22. REC 22 SW CORNER	*	190999.0	634219.0	5.0	*
23. REC 23 82' SW CORNER	*	191021.0	634174.0	5.0	*
24. REC 24 164' SW CORNE	*	191034.0	634091.0	5.0	*
25. REC 25 SW CORNER	*	191064.0	633933.0	5.0	*
26. REC 27 BET P&P	*	191131.0	633936.0	5.0	*
27. REC 28 164' BET P&P	*	191098.0	634103.0	5.0	*
28. REC 30 82' BET P&P	*	191120.0	634212.0	5.0	*
29. REC 31 164' BET P&P	*	191187.0	634172.0	5.0	*
30. REC 32 400' BET P&P	*	191394.0	634058.0	5.0	*
31. REC 32 400' BET P&P	*	191088.0	634178.0	5.0	*
32. REC 32 400' BET P&P	*	191069.0	634244.0	5.0	*

JOB: S30 B230PM JEFF/PROS/PEARL

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1.	.0	.0	.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.0	.2	.7
6.	.0	.0	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.0	.2	.7
11.	.0	.0	.2	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.0	.2	.7
16.	.0	.0	.2	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	.2	.8
21.	.0	.0	.2	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	.2	.8
26.	.0	.0	.1	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.5	.0	.3	.8
31.	.0	.0	.1	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.5	.0	.3	.8
36.	.0	.0	.0	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.5	.1	.3	.8
41.	.0	.0	.0	.3	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.5	.1	.3	.6
46.	.0	.0	.0	.3	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1	.5	.1	.3	.6
51.	.0	.0	.0	.2	.2	.1	.0	.1	.0	.1	.1	.0	.0	.0	.2	.1	.5	.1	.2	.5
56.	.0	.0	.0	.2	.2	.1	.0	.1	.0	.2	.1	.0	.0	.0	.2	.1	.6	.1	.2	.4
61.	.0	.0	.0	.0	.1	.1	.0	.1	.0	.4	.2	.0	.0	.0	.3	.2	.5	.1	.1	.1
66.	.0	.0	.0	.0	.1	.1	.0	.1	.0	.6	.5	.0	.0	.0	.3	.2	.6	.1	.1	.2
71.	.0	.0	.0	.0	.1	.0	.0	.1	.0	.7	.6	.0	.0	.0	.3	.2	.6	.2	.1	.1
76.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.7	.6	.1	.0	.0	.2	.2	.6	.2	.1	.1
81.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.7	.1	.0	.0	.2	.3	.5	.2	.1	.1
86.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.7	.1	.0	.0	.3	.2	.6	.2	.1	.1
91.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.7	.3	.0	.0	.2	.2	.5	.2	.1	.1
96.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.8	.7	.3	.1	.0	.2	.2	.4	.3	.0	.1
101.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.3	.1	.0	.1	.3	.3	.3	.0	.1
106.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.7	.3	.1	.0	.2	.5	.2	.3	.0	.1
111.	.0	.0	.0	.0	.0	.0	.0	.1	.2	.8	.6	.3	.1	.0	.2	.5	.2	.2	.0	.1
116.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.8	.6	.3	.1	.0	.2	.5	.2	.2	.0	.1
121.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.8	.6	.3	.2	.0	.3	.5	.2	.1	.0	.1
126.	.0	.0	.0	.1	.0	.0	.0	.1	.2	.7	.6	.2	.2	.0	.4	.5	.3	.1	.0	.1
131.	.0	.0	.0	.2	.0	.0	.0	.1	.2	.7	.5	.2	.2	.0	.4	.5	.3	.1	.0	.1
136.	.0	.0	.1	.2	.0	.0	.0	.1	.3	.7	.4	.2	.3	.1	.4	.4	.3	.1	.0	.0
141.	.0	.0	.1	.3	.0	.0	.0	.1	.3	.8	.4	.2	.3	.1	.4	.3	.4	.1	.0	.0
146.	.0	.0	.2	.3	.0	.0	.0	.1	.3	.8	.3	.4	.7	.1	.5	.2	.5	.1	.0	.0
151.	.0	.0	.2	.4	.0	.0	.0	.1	.4	.9	.4	.2	.8	.2	.5	.2	.5	.1	.0	.0
156.	.0	.0	.2	.4	.0	.0	.0	.1	.4	.9	.4	.2	1.0	.2	.5	.1	.5	.1	.0	.0
161.	.0	.0	.3	.4	.1	.0	.0	.1	.5	.8	.3	.2	1.0	.1	.4	.1	.4	.1	.0	.0
166.	.0	.0	.3	.4	.1	.0	.0	.1	.5	.9	.3	.3	1.1	.1	.4	.1	.4	.1	.0	.0
171.	.0	.0	.3	.4	.1	.0	.0	.1	.6	.9	.3	.4	1.1	.1	.4	.1	.3	.1	.0	.0
176.	.0	.0	.3	.5	.2	.0	.0	.2	.6	.9	.3	.6	.9	.0	.4	.1	.4	.1	.0	.0
181.	.0	.0	.4	.5	.2	.0	.0	.2	.9	1.1	.2	.7	.8	.0	.4	.1	.4	.1	.0	.0
186.	.0	.0	.4	.6	.2	.0	.0	.2	.9	1.1	.2	.6	.8	.0	.4	.1	.5	.0	.0	.0
191.	.0	.0	.5	.6	.3	.1	.0	.2	.9	.9	.2	.8	.8	.0	.3	.1	.4	.0	.0	.0
196.	.0	.1	.5	.6	.4	.1	.0	.2	1.0	.9	.2	.8	.7	.0	.3	.1	.4	.0	.0	.0
201.	.0	.1	.5	.5	.3	.2	.0	.2	1.0	.9	.3	.8	.6	.0	.2	.1	.4	.0	.0	.0
206.	.0	.1	.5	.4	.3	.2	.0	.2	1.0	.9	.3	.8	.6	.0	.1	.1	.4	.0	.0	.0

1

JOB: S30 B230PM JEFF/PROS/PEARL

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
211.	.0	.2	.5	.3	.2	.2	.0	.3	1.0	.8	.3	.8	.6	.0	.1	.1	.3	.0	.0	.0
216.	.0	.2	.5	.3	.2	.2	.1	.3	1.0	.7	.3	.8	.6	.0	.1	.1	.3	.0	.0	.0
221.	.0	.2	.5	.2	.2	.2	.1	.3	1.0	.8	.4	.7	.6	.0	.1	.1	.2	.0	.0	.0
226.	.0	.2	.5	.1	.2	.2	.1	.4	1.0	.8	.4	.6	.6	.0	.1	.1	.1	.0	.0	.0
231.	.0	.2	.4	.1	.2	.3	.0	.3	.9	.7	.3	.6	.6	.0	.1	.0	.1	.0	.0	.0
236.	.0	.2	.4	.1	.2	.2	.1	.3	.8	.6	.3	.5	.6	.0	.0	.0	.1	.0	.0	.0
241.	.0	.2	.6	.2	.3	.2	.3	.3	.8	.6	.3	.5	.6	.0	.0	.0	.1	.0	.0	.1
246.	.0	.2	.6	.4	.3	.4	.3	.2	.5	.3	.3	.5	.6	.0	.0	.0	.0	.0	.0	.1
251.	.1	.2	.5	.4	.3	.5	.3	.2	.3	.2	.3	.5	.5	.0	.0	.0	.0	.0	.0	.1
256.	.1	.3	.5	.4	.4	.5	.4	.1	.2	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.1
261.	.1	.3	.6	.3	.5	.5	.4	.1	.2	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.1
266.	.1	.4	.5	.3	.5	.6	.2	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.2
271.	.1	.3	.5	.3	.5	.6	.1	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.2
276.	.1	.4	.4	.3	.5	.6	.2	.0	.1	.2	.5	.4	.6	.0	.0	.0	.0	.0	.0	.2
281.	.1	.4	.3	.3	.6	.6	.2	.0	.1	.2	.5	.4	.6	.0	.0	.0	.0	.0	.0	.2
286.	.1	.4	.2	.2	.7	.6	.2	.0	.1	.2	.5	.4	.6	.0	.0	.0	.0	.0	.0	.2
291.	.0	.4	.2	.2	.7	.6	.2	.0	.1	.2	.4	.4	.6	.0	.0	.0	.0	.0	.0	.1
296.	.0	.4	.2	.3	.7	.6	.2	.0	.0	.1	.4	.4	.6	.0	.0	.0	.0	.0	.0	.1
301.	.0	.3	.2	.4	.6	.5	.2	.0	.0	.1	.4	.4	.6	.0	.0	.0	.0	.0	.0	.1
306.	.0	.4	.3	.4	.6	.4	.2	.0	.0	.1	.3	.3	.5	.0	.0	.0	.0	.0	.1	.1
311.	.0	.3	.2	.4	.6	.4	.2	.0	.0	.0	.3	.2	.5	.0	.0	.0	.0	.0	.1	.2
316.	.0	.3	.2	.6	.5	.4	.2	.0	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	.1	.2
321.	.0	.2	.4	.5	.5	.3	.2	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.0	.1	.2
326.	.0	.1	.3	.5	.5	.3	.2	.0	.0	.0	.1	.1	.2	.0	.0	.0	.2	.0	.1	.3
331.	.0	.1	.3	.5	.5	.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.1	.3
336.	.0	.1	.3	.5	.5	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.0	.1	.4
341.	.0	.1	.3	.5	.5	.1	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.4	.0	.1	.4
346.	.0	.1	.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.0	.2	.4
351.	.0	.1	.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.0	.2	.5
356.	.0	.1	.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.0	.2	.6
361.	.0	.0	.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.6	.0	.2	.7
MAX DEGR.	.1	.4	.6	.6	.7	.6	.4	.4	1.0	1.1	.7	.8	1.1	.2	.5	.5	.6	.3	.3	.8

1

JOB: S30 B230PM JEFF/PROS/PEARL

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32

1.	.9	.5	.2	.2	.6	.3	.5	.6	.1	.0	.2	.3
6.	.9	.4	.2	.5	.6	.1	.3	.5	.0	.0	.2	.3
11.	.7	.3	.3	.6	.6	.1	.3	.5	.0	.0	.2	.3
16.	.7	.4	.3	.6	.6	.0	.3	.5	.0	.0	.3	.3
21.	.7	.3	.3	.8	.6	.0	.2	.5	.0	.0	.3	.3
26.	.7	.2	.4	.8	.5	.0	.1	.3	.0	.0	.2	.4
31.	.5	.3	.5	.7	.5	.0	.0	.3	.0	.0	.1	.4
36.	.5	.4	.6	.7	.4	.0	.0	.3	.0	.0	.1	.3
41.	.4	.4	.5	.7	.3	.0	.0	.3	.0	.0	.1	.3
46.	.3	.3	.5	.6	.3	.0	.0	.2	.0	.0	.1	.4
51.	.2	.3	.5	.6	.3	.0	.0	.2	.0	.0	.1	.2
56.	.2	.3	.6	.6	.2	.0	.0	.2	.0	.0	.1	.2
61.	.0	.2	.6	.6	.2	.0	.0	.2	.0	.0	.1	.2
66.	.1	.2	.6	.6	.2	.0	.0	.2	.0	.0	.0	.3
71.	.1	.2	.7	.6	.1	.0	.0	.1	.0	.0	.0	.3
76.	.2	.2	.6	.6	.0	.0	.0	.1	.0	.0	.0	.3
81.	.2	.2	.6	.6	.0	.0	.0	.1	.0	.0	.0	.3
86.	.1	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.3
91.	.2	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2
96.	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2
101.	.2	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.2
106.	.2	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1
111.	.2	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1
116.	.2	.4	.6	.6	.0	.0	.0	.0	.0	.0	.0	.1
121.	.2	.5	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0
126.	.2	.5	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0
131.	.2	.6	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0
136.	.2	.6	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0
141.	.2	.6	.7	.6	.0	.0	.1	.0	.0	.0	.0	.0
146.	.1	.6	.7	.5	.0	.0	.1	.0	.0	.0	.0	.1
151.	.1	.5	.6	.5	.0	.0	.1	.0	.0	.0	.1	.2
156.	.1	.4	.6	.3	.0	.0	.2	.0	.0	.0	.1	.3
161.	.0	.3	.5	.3	.0	.0	.3	.0	.0	.0	.3	.4
166.	.0	.3	.3	.2	.0	.0	.4	.0	.0	.0	.4	.5
171.	.0	.1	.2	.2	.0	.0	.6	.1	.0	.0	.6	.6
176.	.0	.1	.2	.1	.0	.0	.7	.1	.0	.0	.7	.7
181.	.0	.0	.1	.0	.0	.0	.8	.2	.0	.0	.8	.7
186.	.0	.0	.1	.0	.0	.0	.8	.2	.0	.0	.9	.7
191.	.0	.0	.0	.0	.0	.0	.9	.3	.0	.0	.9	.7
196.	.0	.0	.0	.0	.0	.0	.9	.3	.1	.0	.9	.6
201.	.0	.0	.0	.0	.0	.0	.9	.5	.1	.0	.8	.5
206.	.0	.0	.0	.0	.0	.0	.8	.5	.1	.0	.8	.4

1

JOB: S30 B230PM JEFF/PROS/PEARL

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

PAGE 6

WIND ANGLE RANGE: 1.-361.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32

211.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.3
216.	.0	.0	.0	.0	.0	.0	.8	.4	.2	.0	.8	.2
221.	.0	.0	.0	.0	.0	.0	.8	.3	.2	.0	.7	.2
226.	.0	.0	.0	.0	.0	.0	.7	.3	.2	.0	.7	.2
231.	.0	.0	.0	.0	.0	.0	.7	.3	.2	.0	.7	.1
236.	.0	.1	.0	.0	.0	.0	.7	.3	.2	.0	.7	.2
241.	.1	.1	.0	.0	.0	.0	.7	.3	.2	.0	.7	.2
246.	.1	.2	.0	.0	.0	.0	.7	.3	.2	.0	.7	.2
251.	.3	.4	.0	.0	.0	.0	.7	.3	.2	.0	.7	.3
256.	.4	.6	.0	.0	.0	.0	.7	.3	.2	.1	.7	.4
261.	.5	.6	.1	.0	.0	.0	.7	.3	.2	.1	.8	.6
266.	.6	.7	.1	.0	.0	.0	.7	.3	.3	.1	.8	.7
271.	.7	.7	.2	.0	.0	.0	.7	.4	.3	.1	.8	.7
276.	.7	.7	.3	.0	.0	.1	.7	.4	.3	.1	.7	.6
281.	.7	.7	.3	.0	.0	.1	.7	.4	.2	.1	.8	.5
286.	.7	.7	.4	.0	.0	.1	.8	.3	.2	.1	.8	.5
291.	.7	.7	.4	.1	.0	.1	.8	.1	.2	.1	.8	.4
296.	.7	.7	.4	.1	.0	.1	.8	.1	.2	.1	.8	.3
301.	.7	.7	.4	.1	.0	.2	.9	.2	.3	.0	.8	.4
306.	.7	.7	.4	.1	.0	.2	.9	.2	.2	.0	.7	.4
311.	.7	.7	.3	.1	.0	.3	.9	.1	.2	.0	.7	.4
316.	.7	.6	.3	.1	.0	.5	.9	.1	.2	.0	.7	.4
321.	.7	.7	.4	.1	.0	.6	1.0	.2	.4	.0	.7	.3
326.	.7	.7	.4	.1	.1	.6	1.1	.2	.4	.0	.5	.3
331.	.7	.8	.4	.2	.1	.7	1.1	.3	.3	.0	.5	.3
336.	.8	.7	.5	.2	.1	.8	.9	.4	.2	.0	.4	.2
341.	.8	.7	.5	.3	.4	.7	.8	.3	.2	.0	.4	.3
346.	.8	.7	.3	.3	.4	.5	.8	.3	.2	.0	.4	.2
351.	.9	.7	.3	.4	.4	.4	.6	.4	.2	.0	.3	.2
356.	.9	.6	.3	.3	.5	.4	.6	.6	.1	.0	.4	.2
361.	.9	.5	.2	.2	.6	.3	.5	.6	.1	.0	.2	.3

MAX * .9 .8 .7 .8 .6 .8 1.1 .6 .4 .1 .9 .7
 DEGR. * 0 330 70 20 0 335 325 0 320 255 185 175

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 180 DEGREES FROM REC10.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 165 DEGREES FROM REC13.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 325 DEGREES FROM REC27.

1

JOB: S30 B230PM JEFF/PROS/PEARL
 DATE: 12/27/2006 TIME: 12:31:34.92

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

PAGE 7

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)
 * ANGLE (DEGREES)
 * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20

Page 3

		S30B230P.OUT																			
LINK #	*	250	265	240	185	285	265	255	225	195	180	80	205	165	150	145	105	0	95	25	15
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0
2	*	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.4	.8	.2	.0	.0	.5	.0	.1	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.0	.1	.0	.4
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.3	.3	.1	.1	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.1	.1	.1	.3	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.2	.4	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S30 B230PM JEFF/PROS/PEARL
DATE: 12/27/2006 TIME: 12:31:34.92

RUN: S30 B230PM JEFFERSON PROSPECT PEARL

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)															
LINK #	*	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32				
		0	330	70	20	0	335	325	0	320	255	185	175				
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
2	*	.2	.2	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0				
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
5	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
6	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
7	*	.4	.4	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0				
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0				
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
14	*	.0	.0	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0				
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
17	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
18	*	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1				
19	*	.0	.0	.4	.4	.4	.5	.8	.0	.0	.1	.8	.6				
20	*	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0				
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
22	*	.0	.0	.1	.1	.0	.0	.0	.3	.2	.0	.0	.0				
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				

Site 31 Waterford Park

										S31EXAM.DAT		
										60.0175.0.0000.000100.30480000	11	1
S 31	WATERFORD PARK											
R29	WATERFRD	SB	ENTR	191113.	640620.	5.						
R30	WATERFRD	SB	ENTR	191043.	640527.	5.						
R31	WATERFRD	SB	ENTR	190974.	640449.	5.						
R32	WATERFRD	SB	ENT	190961.	640327.	5.						
R33	WATERFRD	SB	ENT	191028.	640293.	5.						
R34	WATERFRD	SB	ENT	190986.	640191.	5.						
R35	WATERFRD	SB	ENT	190837.	640102.	5.						
R36	WATERFRD	PARK		190832.	640521.	5.						
R37	WATERFRD	PARK		190916.	640152.	5.						
R38	WATERFRD	PARK	SB	190724.	640091.	5.						
WATERFORD PARK				1998	AM		89	1	1			
1												
1	NB	15		AG190860.639818.191068.639999.	3097.	3.2	0.	44.	50.4			
2	NB	15		AG191068.639999.191332.640193.	3097.	3.2	0.	44.	50.4			
3	NB	15		AG191332.640193.191857.640571.	3097.	3.2	0.	44.	50.4			
4	NB	OFFRAMPAG		191857.640571.191960.640623.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		191960.640623.192030.640626.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		192030.640626.192088.640593.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		192088.640593.192120.640535.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		192120.640535.192120.640486.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		192120.640486.192104.640441.	363.	2.6	0.	32.	30.0			
4	NB	OFFRAMPAG		192104.640441.191970.640296.	363.	2.6	0.	32.	30.0			
11	NB	OFFRAMPAG		191970.640296.191905.640219.	109.	2.6	0.	32.	30.0			
12	NBOFFRAMP	AG		191923.640241.191947.640269.	0.	12.	1					
102	81	4.0	109	28.3	1770	2	3					
14	NB	OFFRAMPAG		191970.640296.191878.640271.	254.	2.6	0.	32.	30.0			
14	NBOFFRAMP	AG		191897.640277.191934.640287.	0.	12.	1					
102	81	4.0	1	28.3	1750	2	3					
15	SB	2ND	ST	AG191905.640219.191845.640144.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191845.640144.191808.640099.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191808.640099.191790.640058.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191790.640058.191779.640011.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191779.640011.191779.639965.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191779.639965.191789.639884.	540.	2.6	0.	32.	30.0			
15	SB	2ND	ST	AG191789.639884.191805.639773.	540.	2.6	0.	32.	30.0			
22	SB	2ND	ST	AG191805.639773.191855.639481.	540.	2.6	0.	32.	30.0			
23	NB	15		AG191857.640571.192459.641017.	2734.	3.4	0.	44.	54.1			
24	NB	2ND	ST	AG191873.639485.191811.639835.	227.	2.6	0.	32.	30.0			
24	NB	2ND	ST	AG191811.639835.191805.639914.	227.	2.6	0.	32.	30.0			
24	NB	2ND	ST	AG191805.639914.191797.639982.	227.	2.6	0.	32.	30.0			
24	NB	2ND	ST	AG191797.639982.191809.640061.	227.	2.6	0.	32.	30.0			
24	NB	2ND	ST	AG191809.640061.191837.640112.	227.	2.6	0.	32.	30.0			
24	NB	2ND	ST	AG191837.640112.191934.640223.	227.	2.6	0.	32.	30.0			
30	NB	2ND	ST	AG191902.640185.191872.640151.	0.	12.	1					
102	81	4.0	216	28.3	1688	2	3					
31	NB	15	ON	RAG191934.640223.191986.640270.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG191986.640270.192132.640439.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192132.640439.192165.640514.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192165.640514.192184.640621.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192184.640621.192226.640733.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192226.640733.192290.640837.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192290.640837.192329.640883.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192329.640883.192397.640944.	212.	2.6	0.	32.	30.0			
31	NB	15	ON	RAG192397.640944.192459.641017.	212.	2.6	0.	32.	30.0			
40	SB	15		AG192414.641075.191866.640671.	3233.	3.4	0.	44.	53.1			
41	SB	15		AG191866.640671.191396.640337.	3233.	3.4	0.	44.	53.1			
42	SB	15	OFFRAG	191396.640337.191304.640300.	164.	2.6	0.	32.	30.0			
42	SB	15	OFFRAG	191304.640300.191225.640317.	164.	2.6	0.	32.	30.0			
42	SB	15	OFFRAG	191225.640317.191185.640352.	164.	2.6	0.	32.	30.0			
42	SB	15	OFFRAG	191185.640352.191163.640405.	164.	2.6	0.	32.	30.0			

42	1	SB	15	OFFRAG191163.640405.191169.640531.	164.	2.6	0.	32.	30.0	S31EXAM.DAT
42	1	SB	15	OFFRAG191169.640531.191199.640621.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG191199.640621.191246.640695.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG191246.640695.191307.640777.	76.	2.6	0.	32.	30.0	
50	32	SB15 RAMP	AG191284.640746.191251.640701.	0.	12.	1				
51	1	SB	15	OFFRAG191246.640695.191341.640730.	88.	2.6	0.	32.	30.0	
52	2	SB15 RAMP	AG191328.640725.191261.640700.	0.	12.	1				
53	1	SB	15	AG191396.640337.191282.640244.	3069.	3.5	0.	44.	53.3	
54	1	SB	15	AG191282.640244.190930.639988.	3069.	3.5	0.	44.	53.3	
55	1	SB	15	AG190930.639988.190811.639884.	3509.	3.5	0.	44.	53.3	
56	1	WB	ROSEMONAG192403.639820.192097.640064.	255.	2.6	0.	44.	30		
57	1	WB	ROSEMONAG192097.640064.191916.640222.	255.	2.6	0.	44.	30		
58	2	WB ROSE Q	AG191949.640193.192034.640119.	0.	24.	2				
59	1	WB	ROSEMONAG191916.640222.191878.640271.	619.	2.6	0.	44.	30		
60	1	WB	ROSEMONAG191878.640271.191817.640307.	619.	2.6	0.	44.	30		
61	1	WB	ROSEMONAG191817.640307.191306.640792.	611.	2.6	0.	44.	30		
62	2	WB ROSE Q	AG191330.640769.191421.640683.	0.	24.	2				
63	1	WB	ROSEMONAG191306.640792.191144.640951.	662.	2.6	0.	44.	30		
64	1	WB	ROSEMONAG191144.640951.191046.641019.	662.	2.6	0.	44.	30		
65	1	WB	ROSEMONAG191046.641019.190888.641123.	662.	2.6	0.	44.	30		
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1238.	2.6	0.	44.	30		
67	1	SB	270 ONRAG190977.641037.191077.640931.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191077.640931.191137.640865.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191137.640865.191176.640783.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191176.640783.191178.640713.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191178.640713.191156.640575.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191156.640575.191108.640301.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191108.640301.191083.640220.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191083.640220.191038.640125.	440.	2.6	0.	32.	30		
67	1	SB	270 ONRAG191038.640125.190930.639988.	440.	2.6	0.	32.	30		
76	1	EB	ROSE AG190977.641037.191115.640951.	1238.	2.6	0.	44.	30		
77	1	EB	ROSE AG191115.640951.191305.640778.	1238.	2.6	0.	44.	30		
78	2	WB ROSE Q	AG191279.640802.191187.640886.	0.	24.	2				
79	1	EB	ROSE AG191307.640777.191579.640509.	897.	2.6	0.	44.	30		
80	1	EB	ROSE AG191579.640509.191907.640207.	1500.	2.6	0.	44.	30		
81	2	EB ROSE Q	AG191867.640244.191768.640335.	0.	24.	2				
80	1	EB	ROSE AG191907.640207.192388.639800.	924.	2.6	0.	44.	30		
80	1	SB	15 AG190810.639884.190461.639523.	3509.	3.5	0.44.0		30		
80	1	SB	15 AG190461.639524.190212.639214.	3509.	3.5	0.44.0		30		
80	1	SB	15 AG190212.639214.190004.638912.	3509.	3.5					

JOB: S 31 WATERFORD PARK
DATE: 12/15/2006 TIME: 10:24:36.15

RUN: WATERFORD PARK 1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3097.	3.2	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3097.	3.2	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3097.	3.2	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	363.	2.6	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	363.	2.6	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	363.	2.6	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	363.	2.6	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	363.	2.6	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	363.	2.6	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	363.	2.6	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	109.	2.6	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191981.3	640309.1	*	90.	41. AG	60.	100.0	.0	12.0	.96	4.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	254.	2.6	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	191897.4	640277.1	*	0.	73. AG	60.	100.0	.0	12.0	.01	.0
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	540.	2.6	.0	32.0		
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	540.	2.6	.0	32.0		
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	540.	2.6	.0	32.0		
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	540.	2.6	.0	32.0		
19. 15	SB 2ND ST	* 191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	540.	2.6	.0	32.0		
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	540.	2.6	.0	32.0		
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	540.	2.6	.0	32.0		
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	540.	2.6	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2734.	3.4	.0	44.0		
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0		
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0		
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0		
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0		
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0		
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0		
30. 30	NB 2ND ST	* 191902.0	640185.0	191020.0	639185.9	*	1333.	221. AG	60.	100.0	.0	12.0	2.14	67.7
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	212.	2.6	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	212.	2.6	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	212.	2.6	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	212.	2.6	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	212.	2.6	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	212.	2.6	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	212.	2.6	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	212.	2.6	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	212.	2.6	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3233.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3233.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	164.	2.6	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	164.	2.6	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	164.	2.6	.0	32.0		

JOB: S 31 WATERFORD PARK
DATE: 12/15/2006 TIME: 10:24:36.15

RUN: WATERFORD PARK 1998 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	164.	2.6	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	164.	2.6	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	164.	2.6	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	164.	2.6	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	76.	2.6	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191280.3	640741.0	*	6.	216. AG	36.	100.0	.0	12.0	.29	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	88.	2.6	.0	32.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191326.8	640724.6	*	1.	250. AG	13.	100.0	.0	12.0	.03	.1
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3069.	3.5	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3069.	3.5	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3509.	3.5	.0	44.0		
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	255.	2.6	.0	44.0		
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	255.	2.6	.0	44.0		
58. 58	WB ROSE Q *	191949.0	640193.0	191963.6	640180.3	*	19.	131. AG	45.	100.0	.0	24.0	.25	1.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	619.	2.6	.0	44.0		
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	619.	2.6	.0	44.0		
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	611.	2.6	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191346.3	640753.6	*	22.	133. AG	43.	100.0	.0	24.0	.74	1.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	662.	2.6	.0	44.0		
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	662.	2.6	.0	44.0		
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	662.	2.6	.0	44.0		
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1238.	2.6	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	440.	2.6	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	440.	2.6	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	440.	2.6	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	440.	2.6	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	440.	2.6	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	440.	2.6	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	440.	2.6	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	440.	2.6	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	440.	2.6	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1238.	2.6	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1238.	2.6	.0	44.0		
78. 78	WB ROSE Q *	191279.0	640802.0	191168.3	640903.1	*	150.	312. AG	43.	100.0	.0	24.0	1.01	7.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	897.	2.6	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1500.	2.6	.0	44.0		

S31EXAM.OUT

81.	81	EB ROSE Q	*	191867.0	640244.0	191492.4	640588.4	*	509.	313.	AG	45.	100.0	.0	24.0	1.07	25.8
82.	80	EB ROSE	*	191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	924.	2.6	.0	44.0		
83.	80	SB 15	*	190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3509.	3.5	.0	44.0		
84.	80	SB 15	*	190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3509.	3.5	.0	44.0		
85.	80	SB 15	*	190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3509.	3.5	.0	44.0		
86.	80	NB 15	*	190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3097.	3.5	.0	44.0		
87.	80	NB 15	*	190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3097.	3.5	.0	44.0		
88.	80	NB 15	*	190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3097.	3.5	.0	44.0		
89.	80	NB 15	*	190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3097.	3.5	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK 1998 AM
DATE: 12/15/2006 TIME: 10:24:36.15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	102	81	4.0	109	770	28.30	1	3
14. 14	NBOFFRAMP	102	81	4.0	1	750	28.30	1	3
30. 30	NB 2ND ST	102	81	4.0	216	688	28.30	1	3
50. 50	SB15 RAMP	32	15	4.0	76	770	28.30	1	3
52. 52	SB15 RAMP	90	15	4.0	16	676	28.30	1	3
58. 58	WB ROSE Q	102	30	4.0	236	742	28.30	1	3
62. 62	WB ROSE Q	32	9	4.0	594	752	28.30	1	3
78. 78	WB ROSE Q	32	9	4.0	824	770	28.30	1	3
81. 81	EB ROSE Q	102	30	4.0	991	717	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)			* *
		X	Y	Z	
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK 1998 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
65.	*	.0	.0	.0	.0	.1	.2	.0	.0	.2	.0
70.	*	.0	.0	.0	.1	.1	.2	.2	.0	.3	.0
75.	*	.0	.0	.0	.1	.2	.2	.2	.0	.2	.1
80.	*	.0	.0	.1	.2	.2	.2	.2	.0	.2	.1
85.	*	.0	.1	.1	.2	.2	.2	.2	.0	.2	.2
90.	*	.0	.1	.1	.1	.2	.2	.2	.0	.2	.2
95.	*	.1	.1	.2	.1	.2	.2	.2	.0	.2	.2
100.	*	.1	.1	.1	.1	.2	.2	.2	.0	.2	.1
105.	*	.1	.1	.1	.0	.1	.2	.2	.0	.2	.1
110.	*	.1	.1	.0	.1	.1	.2	.1	.0	.2	.1
115.	*	.1	.1	.0	.1	.2	.2	.1	.0	.2	.2
120.	*	.1	.0	.0	.2	.2	.2	.2	.0	.2	.2
125.	*	.0	.0	.0	.2	.2	.2	.2	.0	.2	.2
130.	*	.0	.0	.0	.2	.2	.2	.2	.0	.2	.2
135.	*	.0	.0	.1	.2	.2	.2	.2	.0	.1	.2
140.	*	.0	.0	.1	.2	.2	.2	.3	.0	.2	.2
145.	*	.0	.0	.1	.2	.2	.2	.2	.0	.2	.1
150.	*	.0	.0	.1	.2	.2	.2	.2	.0	.2	.1
155.	*	.0	.1	.1	.1	.2	.1	.2	.0	.2	.1
160.	*	.0	.1	.1	.1	.2	.2	.2	.0	.2	.1
165.	*	.0	.1	.1	.1	.2	.2	.2	.0	.2	.2
170.	*	.1	.1	.1	.1	.1	.2	.2	.0	.3	.2
175.	*	.1	.1	.1	.2	.1	.2	.1	.0	.3	.2
180.	*	.1	.1	.0	.2	.2	.2	.2	.0	.2	.2
185.	*	.1	.0	.0	.0	.2	.2	.3	.0	.2	.1
190.	*	.0	.0	.0	.0	.2	.3	.3	.0	.1	.1
195.	*	.0	.0	.0	.0	.2	.3	.2	.0	.3	.2
200.	*	.0	.0	.0	.1	.1	.2	.2	.0	.3	.1
205.	*	.0	.0	.1	.1	.1	.2	.1	.0	.2	.1

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK 1998 AM

PAGE 5

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10
-----
210. * .0 .0 .0 .1 .1 .2 .1 .0 .1 .0
215. * .0 .0 .0 .1 .1 .2 .1 .0 .1 .0
220. * .0 .0 .0 .0 .1 .1 .1 .0 .1 .0
225. * .0 .0 .0 .0 .0 .1 .0 .0 .1 .0
230. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
235. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
240. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
245. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
250. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
255. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
260. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
265. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
270. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
275. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
280. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
285. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
290. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
295. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
300. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
305. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
310. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
315. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
320. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
325. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
330. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
335. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
340. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
345. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
350. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
355. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
360. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
-----
MAX * .1 .1 .2 .2 .2 .3 .3 .0 .3 .2
DEGR * 95 85 95 80 75 190 140 0 70 85

```

THE HIGHEST CONCENTRATION IS .30 PPM AT 190 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 140 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 70 DEGREES FROM REC9 .

1

JOB: S 31 WATERFORD PARK
 DATE: 12/15/2006 TIME: 10:24:36.15

RUN: WATERFORD PARK 1998 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10
LINK # * 95 85 95 80 75 190 140 0 70 85
-----
1 * .0 .0 .0 .0 .0 .1 .1 .0 .0 .0
2 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .1
3 * .0 .0 .1 .1 .1 .0 .0 .0 .1 .0
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
31 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
32 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
33 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
34 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
35 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
36 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
37 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
38 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
39 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
40 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
41 * .1 .1 .1 .1 .1 .0 .0 .0 .1 .0
42 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
43 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
44 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
45 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

1

PAGE 7

JOB: S 31 WATERFORD PARK

S31EXAM.OUT
 RUN: WATERFORD PARK 1998 AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 95	REC2 85	REC3 95	REC4 80	REC5 75	REC6 190	REC7 140	REC8 0	REC9 70	REC10 85
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1
55	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31EXPM.DAT

S 31 WATERFORD PARK	60.0175.0.0000.000100.30480000	11	1
R29 WATERFRD SB ENTR 191113. 640620. 5.			
R30 WATERFRD SB ENTR 191043. 640527. 5.			
R31 WATERFRD SB ENTR 190974. 640449. 5.			
R32 WATERFRD SB ENT 190961. 640327. 5.			
R33 WATERFRD SB ENT 191028. 640293. 5.			
R34 WATERFRD SB ENT 190986. 640191. 5.			
R35 WATERFRD SB ENT 190837. 640102. 5.			
R36 WATERFRD PARK 190832. 640521. 5.			
R37 WATERFRD PARK 190916. 640152. 5.			
R38 WATERFRD PARK SB 190724. 640091. 5.			
WATERFORD PARK 1998 PM 89 1 1			

1	1	NB 15	AG190860.639818.191068.639999.	3917. 3.5 0. 44. 50.4
2	1	NB 15	AG191068.639999.191332.640193.	3917. 3.5 0. 44. 50.4
3	1	NB 15	AG191332.640193.191857.640571.	3917. 3.5 0. 44. 50.4
4	1	NB OFFRAMPAG191857.640571.191960.640623.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG191960.640623.192030.640626.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192030.640626.192088.640593.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192088.640593.192120.640535.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192120.640535.192120.640486.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192120.640486.192104.640441.	729. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192104.640441.191970.640296.	729. 2.6 0. 32. 30.0	
11	2	NB OFFRAMPAG191970.640296.191905.640219.	238. 2.6 0. 32. 30.0	
12	148	NBOFFRAMP AG191923.640241.191947.640269.	0. 12. 1	
		108 4.0 238 28.3 1781 2 3		
14	2	NB OFFRAMPAG191970.640296.191878.640271.	491. 2.6 0. 32. 30.0	
14	148	NBOFFRAMP AG191897.640277.191934.640287.	0. 12. 1	
		108 4.0 243 28.3 1583 2 3		
15	1	SB 2ND ST AG191905.640219.191845.640144.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191845.640144.191808.640099.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191808.640099.191790.640058.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191790.640058.191779.640011.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191779.640011.191779.639965.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191779.639965.191789.639884.	138. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191789.639884.191805.639773.	138. 2.6 0. 32. 30.0	
22	1	SB 2ND ST AG191805.639773.191855.639481.	138. 2.6 0. 32. 30.0	
23	1	NB 15 AG191857.640571.192459.641017.	3188. 3.5 0. 44. 54.1	
24	1	NB 2ND ST AG191873.639485.191811.639835.	227. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191811.639835.191805.639914.	227. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191805.639914.191797.639982.	227. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191797.639982.191809.640061.	227. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191809.640061.191837.640112.	227. 2.6 0. 32. 30.0	
24	2	NB 2ND ST AG191837.640112.191934.640223.	227. 2.6 0. 32. 30.0	
30	148	NB 2ND ST AG191902.640185.191872.640151.	0. 20. 2	
		124 4.0 224 28.3 1680 2 3		
31	1	NB 15 ON RAG191934.640223.191986.640270.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG191986.640270.192132.640439.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192132.640439.192165.640514.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192165.640514.192184.640621.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192184.640621.192226.640733.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192226.640733.192290.640837.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192290.640837.192329.640883.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192329.640883.192397.640944.	177. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192397.640944.192459.641017.	177. 2.6 0. 32. 30.0	
40	1	SB 15 AG192414.641075.191866.640671.	2985. 3.5 0. 44. 53.1	
41	1	SB 15 AG191866.640671.191396.640337.	2985. 3.5 0. 44. 53.1	
42	1	SB 15 OFFRAG191396.640337.191304.640300.	113. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191304.640300.191225.640317.	113. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191225.640317.191185.640352.	113. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191185.640352.191163.640405.	113. 2.6 0. 32. 30.0	

							S31EXPM.DAT	
42	1	SB	15	OFFRAG191163.640405.191169.640531.		113.	2.6	0. 32. 30.0
42	1	SB	15	OFFRAG191169.640531.191199.640621.		113.	2.6	0. 32. 30.0
42	1	SB	15	OFFRAG191199.640621.191246.640695.		113.	2.6	0. 32. 30.0
42	1	SB	15	OFFRAG191246.640695.191307.640777.		64.	2.6	0. 32. 30.0
50	33	SB15 RAMP	AG191284.640746.191251.640701. 16 4.0 64 28.3 1770 2 3			0.	12.	1
51	2	SB	15	OFFRAG191246.640695.191341.640730.		49.	2.6	0. 32. 30.0
52	33	SB15 RAMP	AG191328.640725.191261.640700. 16 4.0 1 28.3 1750 2 3			0.	12.	1
53	1	SB	15	AG191396.640337.191282.640244.		2872.	3.5	0. 44. 53.3
54	1	SB	15	AG191282.640244.190930.639988.		2872.	3.5	0. 44. 53.3
55	1	SB	15	AG190930.639988.190811.639884.		3156.	3.5	0. 44. 53.3
56	1	WB	ROSEMONAG192403.639820.192097.640064.			664.	2.6	0. 44. 30
57	1	WB	ROSEMONAG192097.640064.191916.640222.			664.	2.6	0. 44. 30
58	148	WB ROSE Q	AG191949.640193.192034.640119. 52 4.0 647 28.3 1736 2 3			0.	24.	2
59	1	WB	ROSEMONAG191916.640222.191878.640271.			1274.	2.6	0. 44. 30
60	1	WB	ROSEMONAG191878.640271.191817.640307.			1274.	2.6	0. 44. 30
61	2	WB	ROSEMONAG191817.640307.191306.640792.			727.	2.6	0. 44. 30
62	33	WB ROSE Q	AG191330.640769.191421.640683. 9 4.0 475 28.3 1674 2 3			0.	24.	2
63	1	WB	ROSEMONAG191306.640792.191144.640951.			564.	2.6	0. 44. 30
64	1	WB	ROSEMONAG191144.640951.191046.641019.			564.	2.6	0. 44. 30
65	1	WB	ROSEMONAG191046.641019.190888.641123.			564.	2.6	0. 44. 30
66	1	EB	ROSEMONAG190873.641107.190977.641037.			1003.	2.6	0. 44. 30
67	1	SB	270 ONRAG190977.641037.191077.640931.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191077.640931.191137.640865.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191137.640865.191176.640783.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191176.640783.191178.640713.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191178.640713.191156.640575.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191156.640575.191108.640301.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191108.640301.191083.640220.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191083.640220.191038.640125.			284.	2.6	0. 32. 30
67	1	SB	270 ONRAG191038.640125.190930.639988.			284.	2.6	0. 32. 30
76	1	EB	ROSE AG190977.641037.191115.640951.			1003.	2.6	0. 44. 30
77	1	EB	ROSE AG191115.640951.191305.640778.			1003.	2.6	0. 44. 30
78	33	WB ROSE Q	AG191279.640802.191187.640886. 9 4.0 838 28.3 1765 2 3			0.	24.	2
79	1	EB	ROSE AG191307.640777.191579.640509.			888.	2.6	0. 44. 30
80	2	EB	ROSE AG191579.640509.191907.640207.			911.	2.6	0. 44. 30
81	148	EB ROSE Q	AG191867.640244.191768.640335. 52 4.0 823 28.3 1718 2 3			0.	24.	2
80	1	EB	ROSE AG191907.640207.192388.639800.			942.	2.6	0. 44. 30
80	1	SB	15 AG190810.639884.190461.639523.			3156.	4.4	0.44.0 30
80	1	SB	15 AG190461.639524.190212.639214.			3156.	4.4	0.44.0 30
80	1	SB	15 AG190212.639214.190004.638912.			3156.	4.4	0.44.0 30
80	1	NB						

JOB: S 31 WATERFORD PARK
DATE: 12/15/2006 TIME: 10:25:07.96

RUN: WATERFORD PARK 1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3917.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3917.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3917.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	729.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	729.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	729.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	729.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	729.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	729.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	729.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	238.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192448.2	640854.9	*	808.	41. AG	55. 100.0	.0	12.0	1.33	41.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	491.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193180.0	640623.7	*	1329.	75. AG	55. 100.0	.0	12.0	1.83	67.5
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	138.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	138.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	138.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	138.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	138.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	138.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	138.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	138.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3188.	3.5	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191616.4	639861.4	*	432.	221. AG	127. 100.0	.0	20.0	1.37	21.9
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	177.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	177.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	177.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	177.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	177.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	177.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	177.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	177.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	177.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	2985.	3.5	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	2985.	3.5	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	113.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	113.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	113.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK
DATE: 12/15/2006 TIME: 10:25:07.96

RUN: WATERFORD PARK 1998 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	113.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	113.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	113.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	113.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	64.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191280.7	640741.5	*	6.	216. AG	37. 100.0	.0	12.0	.25	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	49.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191327.9	640725.0	*	0.	242. AG	37. 100.0	.0	12.0	.00	.0
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2872.	3.5	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2872.	3.5	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3156.	3.5	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	664.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	664.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192018.3	640132.7	*	92.	131. AG	53. 100.0	.0	24.0	.72	4.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1274.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1274.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	727.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191339.7	640759.8	*	13.	133. AG	41. 100.0	.0	24.0	.65	.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	564.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	564.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	564.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1003.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	284.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	284.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	284.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	284.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	284.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	284.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	284.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	284.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	284.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1003.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1003.	2.6	.0	44.0	
78. 78	WB ROSE Q *	191279.0	640802.0	191174.8	640897.2	*	141.	312. AG	41. 100.0	.0	24.0	1.00	7.2
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	888.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	911.	2.6	.0	44.0	

S31EXPM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191740.2	640360.6	* 172.	313.	AG	53.	100.0	.0	24.0	.94	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	942.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3156.	4.4	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3156.	4.4	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3156.	4.4	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3917.	4.4	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3917.	4.4	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3917.	4.4	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3917.	4.4	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK
DATE: 12/15/2006 TIME: 10:25:07.96

RUN: WATERFORD PARK 1998 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 148	108	4.0	238	781	28.30	1 3
14. 14	NBOFFRAMP	* 148	108	4.0	243	583	28.30	1 3
30. 30	NB 2ND ST	* 148	124	4.0	224	680	28.30	1 3
50. 50	SB15 RAMP	* 33	16	4.0	64	770	28.30	1 3
52. 52	SB15 RAMP	* 33	16	4.0	1	750	28.30	1 3
58. 58	WB ROSE Q	* 148	52	4.0	647	736	28.30	1 3
62. 62	WB ROSE Q	* 33	9	4.0	475	674	28.30	1 3
78. 78	WB ROSE Q	* 33	9	4.0	838	765	28.30	1 3
81. 81	EB ROSE Q	* 148	52	4.0	823	718	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R29 WATERFRD SB ENTR	* 191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	* 191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	* 190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	* 190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	* 191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	* 190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	* 190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	* 190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	* 190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	* 190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK 1998 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.2	.0	.0	.1	.0
65.	* .0	.0	.0	.0	.0	.1	.2	.1	.0	.2
70.	* .0	.0	.0	.1	.2	.2	.2	.0	.2	.1
75.	* .0	.0	.0	.2	.2	.2	.3	.0	.2	.2
80.	* .0	.0	.1	.2	.2	.2	.3	.0	.3	.3
85.	* .0	.1	.2	.2	.1	.3	.2	.0	.3	.2
90.	* .0	.1	.2	.1	.2	.3	.2	.0	.2	.2
95.	* .1	.2	.2	.1	.1	.2	.2	.1	.2	.2
100.	* .2	.2	.1	.1	.1	.2	.2	.1	.2	.2
105.	* .2	.2	.1	.1	.2	.2	.2	.1	.2	.1
110.	* .2	.1	.1	.1	.2	.2	.2	.1	.2	.2
115.	* .2	.1	.1	.2	.2	.2	.3	.0	.2	.1
120.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2
125.	* .1	.1	.0	.2	.2	.2	.2	.0	.2	.2
130.	* .1	.1	.0	.2	.2	.2	.2	.0	.2	.2
135.	* .1	.0	.1	.2	.2	.2	.2	.0	.3	.2
140.	* .1	.0	.2	.2	.2	.2	.3	.0	.2	.2
145.	* .0	.0	.2	.2	.2	.2	.2	.0	.2	.2
150.	* .0	.1	.2	.2	.2	.2	.2	.0	.2	.2
155.	* .0	.2	.2	.2	.2	.2	.3	.0	.2	.3
160.	* .0	.2	.2	.1	.2	.2	.2	.0	.2	.2
165.	* .1	.2	.1	.2	.2	.2	.2	.0	.2	.2
170.	* .1	.2	.1	.2	.2	.2	.2	.0	.2	.2
175.	* .2	.1	.1	.2	.2	.2	.3	.0	.3	.2
180.	* .1	.1	.1	.2	.2	.2	.3	.0	.2	.2
185.	* .0	.0	.0	.1	.2	.2	.3	.0	.3	.3
190.	* .0	.0	.0	.1	.2	.2	.3	.1	.3	.2
195.	* .0	.0	.0	.1	.2	.4	.3	.1	.3	.2
200.	* .0	.0	.1	.2	.2	.4	.3	.0	.3	.2
205.	* .0	.0	.1	.1	.2	.3	.4	.0	.4	.2

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK 1998 PM

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10
210.	.0	.0	.0	.1	.1	.4	.2	.0	.3	.1
215.	.0	.0	.0	.1	.1	.4	.2	.0	.2	.0
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.2	.2	.4	.4	.1	.4	.3
DEGR.	100	95	85	75	70	195	205	95	205	80

THE HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 205 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 205 DEGREES FROM REC9 .

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK 1998 PM

DATE: 12/15/2006 TIME: 10:25:07.96

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10
1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK

S31EXPM.OUT

RUN: WATERFORD PARK

1998 PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 100	REC2 95	REC3 85	REC4 75	REC5 70	REC6 195	REC7 205	REC8 95	REC9 205	REC10 80
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
55	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
87	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31NB15A.DAT

S 31	WATERFORD PARK		60.0175.0.0000.000100.30480000	11	1
R29	WATERFRD SB ENTR	191113.	640620.	5.	
R30	WATERFRD SB ENTR	191043.	640527.	5.	
R31	WATERFRD SB ENTR	190974.	640449.	5.	
R32	WATERFRD SB ENT	190961.	640327.	5.	
R33	WATERFRD SB ENT	191028.	640293.	5.	
R34	WATERFRD SB ENT	190986.	640191.	5.	
R35	WATERFRD SB ENT	190837.	640102.	5.	
R36	WATERFRD PARK	190832.	640521.	5.	
R37	WATERFRD PARK	190916.	640152.	5.	
R38	WATERFRD PARK SB	190724.	640091.	5.	
	WATERFORD PARK NB15AM		89 1 1		
1					
1	NB 15	AG190860.639818.191068.639999.	2925. 4.0 0. 44.	56	
2	NB 15	AG191068.639999.191332.640193.	2925. 4.0 0. 44.	56	
3	NB 15	AG191332.640193.191857.640571.	2925. 4.0 0. 44.	56	
4	NB OFFRAMPAG	191857.640571.191960.640623.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	525. 2.9 0. 32.	30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	175. 2.9 0. 32.	30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1		
95	75	4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	350. 2.9 0. 32.	30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1		
95	75	4.0 350 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.9 0. 32.	30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.9 0. 32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	2550. 4.0 0. 44.	56	
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.9 0. 32.	30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1		
95	77	4.0 225 32.2 1682 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	150. 2.9 0. 32.	30.0	
40	SB 15	AG192414.641075.191866.640671.	3425. 3.4 0. 44.	50	
41	SB 15	AG191866.640671.191396.640337.	3425. 3.4 0. 44.	50	
42	SB 15 OFFRAG	191396.640337.191304.640300.	100. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG	191304.640300.191225.640317.	100. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG	191225.640317.191185.640352.	100. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG	191185.640352.191163.640405.	100. 2.9 0. 32.	30.0	

S31NB15A.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	50	4.0 50 32.2 1308 2 3		
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	50. 2.9	0. 44. 30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	50	4.0 50 32.2 1583 2 3		
53 ¹	SB 15	AG191396.640337.191282.640244.	3325. 3.9	0. 44. 55
54 ¹	SB 15	AG191282.640244.190930.639988.	3325. 3.9	0. 44. 55
55 ¹	SB 15	AG190930.639988.190811.639884.	4000. 3.7	0. 44. 51
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	300. 2.9	0. 44. 30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	300. 2.9	0. 44. 30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
95	73	4.0 300 32.2 1719 2 3		
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	725. 2.9	0. 44. 30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	1000. 2.9	0. 44. 30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	1000. 2.9	0. 44. 30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	37	4.0 1000 32.2 1746 2 3		
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	925. 2.9	0. 44. 30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	925. 2.9	0. 44. 30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	925. 2.9	0. 44. 30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1175. 2.9	0. 44. 30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	675. 2.9	0. 32. 30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	550. 2.9	0. 44. 30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	550. 2.9	0. 44. 30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	37	4.0 550 32.2 1762 2 3		
79 ¹	EB ROSE	AG191307.640777.191579.640509.	600. 2.9	0. 44. 30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	1125. 2.9	0. 44. 30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
95	56	4.0 1125 32.2 1715 2 3		
80 ¹	EB ROSE	AG191907.640207.192388.639800.	650. 2.9	0. 44. 30
80 ¹	SB 15	AG190810.639884.190461.639523.	4000. 3.7	0. 44. 51
80 ¹	SB 15	AG190461.639524.190212.639214.	4000. 3.7	0. 44. 51
80 ¹	SB 15	AG190212.639214.190004.638912.	4000. 3.7	0. 44. 51
80 ¹	NB 15	AG190860.639817.190678.639647.	2925. 4.0	0. 44. 56
80 ¹	NB 15	AG190678.639647.190434.639378.	2925. 4.0	0. 44. 56
80 ¹	NB 15	AG190434.639378.190212.639090.	2925. 4.0	0. 44. 56
80 ¹	NB 15	AG190212.639090.190063.638865.	2925. 4.0	0. 44. 56
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: S 31 WATERFORD PARK
DATE: 01/20/2007 TIME: 22:07:39.76

RUN: WATERFORD PARK NB15AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2925.	4.0	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2925.	4.0	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2925.	4.0	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	525.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	525.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	525.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	525.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	525.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	525.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	525.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191969.7	640295.5	*	72.	41. AG	68.	100.0	.0	12.0	.67 3.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	350.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193228.7	640636.8	*	1379.	75. AG	68.	100.0	.0	12.0	1.50 70.1
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2550.	4.0	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191716.9	639975.3	*	280.	221. AG	70.	100.0	.0	12.0	1.06 14.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3425.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3425.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK
DATE: 01/20/2007 TIME: 22:07:39.76

RUN: WATERFORD PARK NB15AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191275.9	640735.0	*	14.	216. AG	66.	100.0	.0	12.0	.28 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191321.6	640722.6	*	7.	250. AG	133.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.9	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.9	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4000.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	191994.2	640153.7	*	60.	131. AG	133.	100.0	.0	24.0	.52 3.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	725.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.5	640692.0	*	112.	133. AG	98.	100.0	.0	24.0	.85 5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1175.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	550.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	550.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191237.9	640839.5	*	56.	312. AG	98.	100.0	.0	24.0	.46 2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	600.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1125.	2.9	.0	44.0	

S31NB15A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.5	* 215.	313.	AG	102.	100.0	.0	24.0	.94	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	650.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	4000.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	4000.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	4000.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	2925.	4.0	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	2925.	4.0	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	2925.	4.0	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	2925.	4.0	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB15AM
 DATE: 01/20/2007 TIME: 22:07:39.76

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	95	75	4.0	175	1770	2	3
14. 14	NBOFFRAMP *	95	75	4.0	350	1583	2	3
30. 30	NB 2ND ST *	95	77	4.0	225	1682	2	3
50. 50	SB15 RAMP *	65	50	4.0	50	1308	2	3
52. 52	SB15 RAMP *	65	50	4.0	50	1583	2	3
58. 58	WB ROSE Q *	95	73	4.0	300	1719	2	3
62. 62	WB ROSE Q *	65	37	4.0	1000	1746	2	3
78. 78	eB ROSE Q *	65	37	4.0	550	1762	2	3
81. 81	EB ROSE Q *	95	56	4.0	1125	1715	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R29 WATERFRD SB ENTR	* 191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	* 191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	* 190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	* 190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	* 191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	* 190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	* 190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	* 190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	* 190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	* 190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB15AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
65.	* .0	.0	.0	.0	.0	.1	.2	.3	.0	.2	.0
70.	* .0	.0	.0	.0	.1	.2	.3	.2	.0	.3	.2
75.	* .0	.0	.0	.0	.1	.2	.4	.2	.0	.2	.2
80.	* .0	.0	.1	.2	.2	.2	.3	.0	.2	.1	.1
85.	* .0	.1	.1	.2	.3	.2	.2	.0	.3	.2	.2
90.	* .0	.1	.2	.1	.2	.3	.3	.0	.2	.2	.2
95.	* .1	.2	.2	.1	.2	.3	.3	.0	.3	.2	.2
100.	* .1	.2	.1	.1	.3	.3	.3	.0	.3	.2	.2
105.	* .2	.2	.1	.1	.2	.3	.2	.0	.3	.1	.1
110.	* .2	.2	.1	.1	.2	.3	.2	.0	.2	.2	.2
115.	* .2	.1	.1	.2	.2	.3	.2	.0	.2	.3	.2
120.	* .2	.1	.0	.2	.2	.3	.2	.0	.2	.2	.2
125.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.2
130.	* .1	.0	.1	.2	.2	.2	.2	.0	.2	.2	.2
135.	* .1	.0	.1	.2	.2	.3	.3	.1	.1	.2	.2
140.	* .0	.0	.2	.2	.2	.3	.3	.1	.2	.2	.2
145.	* .0	.0	.2	.2	.2	.3	.3	.1	.2	.2	.2
150.	* .0	.1	.2	.2	.2	.3	.2	.1	.2	.1	.1
155.	* .0	.2	.2	.2	.2	.3	.2	.1	.2	.2	.2
160.	* .0	.2	.1	.1	.2	.2	.2	.0	.2	.3	.2
165.	* .1	.2	.1	.1	.2	.2	.2	.0	.2	.2	.2
170.	* .1	.1	.1	.2	.2	.2	.2	.0	.3	.2	.2
175.	* .1	.1	.1	.2	.2	.2	.2	.0	.3	.2	.2
180.	* .1	.1	.1	.2	.2	.2	.3	.0	.3	.2	.2
185.	* .1	.1	.0	.2	.2	.2	.3	.0	.2	.1	.1
190.	* .1	.0	.0	.1	.2	.3	.3	.1	.2	.2	.2
195.	* .0	.0	.0	.2	.2	.3	.3	.1	.3	.2	.2
200.	* .0	.0	.1	.1	.3	.4	.3	.0	.3	.2	.2
205.	* .0	.1	.1	.1	.2	.2	.3	.0	.3	.1	.1

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB15AM

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.0	.1	.1	.2	.2	.1	.0	.2	.1
215.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.2	.3	.4	.3	.1	.3	.3
DEGR.	105	95	90	80	85	75	65	135	70	115

THE HIGHEST CONCENTRATION IS .40 PPM AT 75 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 85 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 65 DEGREES FROM REC7 .

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB15AM

DATE: 01/20/2007 TIME: 22:07:39.76

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 105	REC2 95	REC3 90	REC4 80	REC5 85	REC6 75	REC7 65	REC8 135	REC9 70	REC10 115
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK

S31NB15A.OUT

RUN: WATERFORD PARK

NB15AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 105	REC2 95	REC3 90	REC4 80	REC5 85	REC6 75	REC7 65	REC8 135	REC9 70	REC10 115
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31NB15P.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42	SB 15	OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42	SB 15	OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42	SB 15	OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	49	4.0 50 32.2 1342 2 3		
51	SB 15	OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44. 30.0
52	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	49	4.0 25 32.2 1583 2 3		
53	SB 15	AG191396.640337.191282.640244.	3100. 4.0	0. 44. 56
54	SB 15	AG191282.640244.190930.639988.	3100. 4.0	0. 44. 56
55	SB 15	AG190930.639988.190811.639884.	3675. 3.9	0. 44. 54
56	WB ROSEMONAG	192403.639820.192097.640064.	650. 2.9	0. 44. 30
57	WB ROSEMONAG	192097.640064.191916.640222.	650. 2.9	0. 44. 30
58	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
135	104	4.0 650 32.2 1726 2 3		
59	WB ROSEMONAG	191916.640222.191878.640271.	1575. 2.9	0. 44. 30
60	WB ROSEMONAG	191878.640271.191817.640307.	1000. 2.9	0. 44. 30
61	WB ROSEMONAG	191817.640307.191306.640792.	1000. 2.9	0. 44. 30
62	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	38	4.0 1000 32.2 1746 2 3		
63	WB ROSEMONAG	191306.640792.191144.640951.	900. 2.9	0. 44. 30
64	WB ROSEMONAG	191144.640951.191046.641019.	900. 2.9	0. 44. 30
65	WB ROSEMONAG	191046.641019.190888.641123.	900. 2.9	0. 44. 30
66	EB ROSEMONAG	190873.641107.190977.641037.	1150. 2.9	0. 44. 30
67	SB 270 ONRAG	190977.641037.191077.640931.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191077.640931.191137.640865.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191137.640865.191176.640783.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191176.640783.191178.640713.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191178.640713.191156.640575.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191156.640575.191108.640301.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191108.640301.191083.640220.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191083.640220.191038.640125.	750. 2.9	0. 32. 30
67	SB 270 ONRAG	191038.640125.190930.639988.	750. 2.9	0. 32. 30
76	EB ROSE	AG190977.641037.191115.640951.	625. 2.9	0. 44. 30
77	EB ROSE	AG191115.640951.191305.640778.	625. 2.9	0. 44. 30
78	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	38	4.0 625 32.2 1759 2 3		
79	EB ROSE	AG191307.640777.191579.640509.	650. 2.9	0. 44. 30
80	EB ROSE	AG191579.640509.191907.640207.	775. 2.9	0. 44. 30
81	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
135	82	4.0 775 32.2 1712 2 3		
80	EB ROSE	AG191907.640207.192388.639800.	675. 2.9	0. 44. 30
80	SB 15	AG190810.639884.190461.639523.	3675. 3.9	0. 44. 54
80	SB 15	AG190461.639524.190212.639214.	3675. 3.9	0. 44. 54
80	SB 15	AG190212.639214.190004.638912.	3675. 3.9	0. 44. 54
80	NB 15	AG190860.639817.190678.639647.	3650. 3.9	0. 44. 54
80	NB 15	AG190678.639647.190434.639378.	3650. 3.9	0. 44. 54
80	NB 15	AG190434.639378.190212.639090.	3650. 3.9	0. 44. 54
80	NB 15	AG190212.639090.190063.638865.	3650. 3.9	0. 44. 54
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: S 31 WATERFORD PARK
DATE: 01/20/2007 TIME: 22:17:30.48

RUN: WATERFORD PARK NB15PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3650.	3.9	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3650.	3.9	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3650.	3.9	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192025.4	640360.6	*	157.	41. AG	72. 100.0	.0	12.0	.96	8.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	450.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194775.7	641054.8	*	2982.	75. AG	72. 100.0	.0	12.0	2.41	151.5
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.0	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	189537.9	637506.9	*	3572.	221. AG	65. 100.0	.0	12.0	1.93	181.5
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	250.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	250.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	250.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	250.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	250.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	250.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	250.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	250.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	250.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3100.	4.0	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3100.	4.0	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK
DATE: 01/20/2007 TIME: 22:17:30.48

RUN: WATERFORD PARK NB15PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65. 100.0	.0	12.0	.24	.7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25. 2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130. 100.0	.0	24.0	.05	.2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.0	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.0	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3675.	3.9	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	650.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	650.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192179.2	639992.7	*	305.	131. AG	133. 100.0	.0	24.0	1.02	15.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1575.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191421.5	640682.6	*	126.	133. AG	101. 100.0	.0	24.0	.89	6.4
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	900.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	900.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	900.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1150.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.9	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	625.	2.9	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	625.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191231.1	640845.7	*	65.	312. AG	101. 100.0	.0	24.0	.55	3.3
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	775.	2.9	.0	44.0	

S31NB15P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191739.2	640361.5	* 174.	313.	AG	105.	100.0	.0	24.0	.65	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	675.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3675.	3.9	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3675.	3.9	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3675.	3.9	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3650.	3.9	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3650.	3.9	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3650.	3.9	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3650.	3.9	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB15PM
DATE: 01/20/2007 TIME: 22:17:30.48

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	113	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	135	113	4.0	450	1583	32.20	2 3
30. 30	NB 2ND ST *	135	102	4.0	650	1680	32.20	2 3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	32.20	2 3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	135	104	4.0	650	1726	32.20	2 3
62. 62	WB ROSE Q *	65	38	4.0	1000	1746	32.20	2 3
78. 78	EB ROSE Q *	65	38	4.0	625	1759	32.20	2 3
81. 81	EB ROSE Q *	135	82	4.0	775	1712	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R29 WATERFRD SB ENTR	* 191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	* 191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	* 190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	* 190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	* 191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	* 190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	* 190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	* 190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	* 190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	* 190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB15PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.1	.2	.2	.0	.2	.0
65.	* .0	.0	.0	.0	.0	.1	.2	.3	.0	.2	.1
70.	* .0	.0	.0	.0	.1	.2	.2	.2	.0	.3	.1
75.	* .0	.0	.0	.0	.2	.2	.4	.3	.0	.2	.2
80.	* .0	.0	.1	.2	.2	.2	.3	.3	.0	.3	.3
85.	* .0	.1	.2	.2	.2	.3	.3	.2	.0	.3	.2
90.	* .1	.2	.2	.1	.2	.3	.2	.1	.2	.2	.2
95.	* .1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2
100.	* .2	.2	.2	.1	.3	.3	.2	.1	.2	.2	.2
105.	* .2	.2	.1	.2	.2	.3	.2	.1	.2	.3	.2
110.	* .2	.2	.1	.1	.2	.3	.2	.1	.2	.2	.2
115.	* .2	.1	.1	.2	.2	.2	.3	.0	.2	.3	.2
120.	* .2	.1	.1	.2	.2	.2	.2	.0	.2	.2	.2
125.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.2
130.	* .1	.1	.1	.2	.2	.2	.2	.0	.2	.2	.2
135.	* .1	.0	.2	.2	.2	.2	.3	.1	.3	.2	.2
140.	* .1	.0	.2	.2	.2	.2	.3	.2	.2	.2	.2
145.	* .1	.0	.2	.2	.2	.2	.3	.1	.2	.2	.2
150.	* .0	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2
155.	* .0	.2	.2	.2	.2	.2	.3	.2	.1	.2	.3
160.	* .0	.2	.2	.1	.2	.3	.2	.0	.2	.3	.2
165.	* .2	.2	.1	.2	.2	.2	.2	.0	.2	.2	.2
170.	* .2	.2	.1	.2	.2	.2	.2	.0	.3	.2	.2
175.	* .2	.1	.2	.2	.2	.2	.3	.0	.3	.2	.2
180.	* .1	.1	.2	.2	.2	.2	.3	.0	.3	.2	.2
185.	* .1	.1	.1	.2	.2	.2	.3	.0	.2	.2	.2
190.	* .1	.0	.0	.2	.2	.3	.3	.1	.3	.2	.2
195.	* .0	.0	.0	.1	.2	.3	.2	.1	.3	.2	.2
200.	* .0	.0	.1	.1	.3	.5	.4	.0	.3	.2	.2
205.	* .0	.1	.1	.1	.2	.3	.3	.0	.3	.1	.1

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB15PM

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.0	.1	.1	.2	.3	.2	.0	.3	.1
215.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.2	.3	.5	.4	.2	.3	.3
DEGR.	100	90	85	75	85	200	200	95	70	80

THE HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 85 DEGREES FROM REC5 .

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB15PM

DATE: 01/20/2007 TIME: 22:17:30.48

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 100	REC2 90	REC3 85	REC4 75	REC5 85	REC6 200	REC7 200	REC8 95	REC9 70	REC10 80
1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK

S31NB15P.OUT
 RUN: WATERFORD PARK NB15PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 100	REC2 90	REC3 85	REC4 75	REC5 85	REC6 200	REC7 200	REC8 95	REC9 70	REC10 80
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
55	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B115A.DAT

S 31	WATERFORD PARK	B115AM	60.0175.0.0000.000100.30480000	11	1
R29	WATERFRD SB ENTR	191113.	640620.	5.	
R30	WATERFRD SB ENTR	191043.	640527.	5.	
R31	WATERFRD SB ENTR	190974.	640449.	5.	
R32	WATERFRD SB ENT	190961.	640327.	5.	
R33	WATERFRD SB ENT	191028.	640293.	5.	
R34	WATERFRD SB ENT	190986.	640191.	5.	
R35	WATERFRD SB ENT	190837.	640102.	5.	
R36	WATERFRD PARK	190832.	640521.	5.	
R37	WATERFRD PARK	190916.	640152.	5.	
R38	WATERFRD PARK SB	190724.	640091.	5.	
	WATERFORD PARK	B115AM	89 1 1		

1					
1	NB 15	AG190860.639818.191068.639999.	2900.4.2	0.44.	59
2					
1	NB 15	AG191068.639999.191332.640193.	2900.4.2	0.44.	50.4
3					
1	NB 15	AG191332.640193.191857.640571.	2900.4.2	0.44.	50.4
4					
1	NB OFFRAMPAG	191857.640571.191960.640623.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	191960.640623.192030.640626.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	192030.640626.192088.640593.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	192088.640593.192120.640535.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	192120.640535.192120.640486.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	192120.640486.192104.640441.	550.2.9	0.32.	30.0
4					
1	NB OFFRAMPAG	192104.640441.191970.640296.	550.2.9	0.32.	30.0
11					
2	NB OFFRAMPAG	191970.640296.191905.640219.	175.2.9	0.32.	30.0
12					
105	NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1	
		84 4.0 175 32.2 1770 2 3			
14					
2	NB OFFRAMPAG	191970.640296.191878.640271.	375.2.9	0.32.	30.0
14					
105	NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1	
		84 4.0 375 32.2 1583 2 3			
15					
1	SB 2ND ST	AG191905.640219.191845.640144.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191845.640144.191808.640099.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191808.640099.191790.640058.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191790.640058.191779.640011.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191779.640011.191779.639965.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191779.639965.191789.639884.	600.2.9	0.32.	30.0
15					
1	SB 2ND ST	AG191789.639884.191805.639773.	600.2.9	0.32.	30.0
22					
1	SB 2ND ST	AG191805.639773.191855.639481.	600.2.9	0.32.	30.0
23					
1	NB 15	AG191857.640571.192459.641017.	2500.4.2	0.44.	59
24					
1	NB 2ND ST	AG191873.639485.191811.639835.	225.2.9	0.32.	30.0
24					
1	NB 2ND ST	AG191811.639835.191805.639914.	225.2.9	0.32.	30.0
24					
1	NB 2ND ST	AG191805.639914.191797.639982.	225.2.9	0.32.	30.0
24					
1	NB 2ND ST	AG191797.639982.191809.640061.	225.2.9	0.32.	30.0
24					
1	NB 2ND ST	AG191809.640061.191837.640112.	225.2.9	0.32.	30.0
24					
2	NB 2ND ST	AG191837.640112.191934.640223.	225.2.9	0.32.	30.0
30					
105	NB 2ND ST	AG191902.640185.191872.640151.	0.12.	1	
		87 4.0 225 32.2 1681 2 3			
31					
1	NB 15 ON	RAG191934.640223.191986.640270.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG191986.640270.192132.640439.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192132.640439.192165.640514.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192165.640514.192184.640621.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192184.640621.192226.640733.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192226.640733.192290.640837.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192290.640837.192329.640883.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192329.640883.192397.640944.	150.2.9	0.32.	30.0
31					
1	NB 15 ON	RAG192397.640944.192459.641017.	150.2.9	0.32.	30.0
40					
1	SB 15	AG192414.641075.191866.640671.	3500.4.2	0.44.	59
41					
1	SB 15	AG191866.640671.191396.640337.	3500.4.2	0.44.	59
42					
1	SB 15 OFFRAG	191396.640337.191304.640300.	100.2.9	0.32.	30.0
42					
1	SB 15 OFFRAG	191304.640300.191225.640317.	100.2.9	0.32.	30.0
42					
1	SB 15 OFFRAG	191225.640317.191185.640352.	100.2.9	0.32.	30.0
42					
1	SB 15 OFFRAG	191185.640352.191163.640405.	100.2.9	0.32.	30.0
42					

S31B115A.DAT

42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42 ¹	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42 ¹	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42 ¹	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50 ²	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
60	45 4.0 50 32.2 1308 2 3		
51 ¹	SB 15 OFFRAG191246.640695.191341.640730.	50. 2.9	0. 44. 30.0
52 ²	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
60	45 4.0 50 32.2 1583 2 3		
53 ¹	SB 15 AG191396.640337.191282.640244.	3400. 4.2	0. 44. 59
54 ¹	SB 15 AG191282.640244.190930.639988.	3400. 4.2	0. 44. 59
55 ¹	SB 15 AG190930.639988.190811.639884.	4100. 4.2	0. 44. 59
56 ¹	WB ROSEMONAG192403.639820.192097.640064.	300. 2.9	0. 44. 30
57 ¹	WB ROSEMONAG192097.640064.191916.640222.	300. 2.9	0. 44. 30
58 ²	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
105	83 4.0 300 32.2 1719 2 3		
59 ¹	WB ROSEMONAG191916.640222.191878.640271.	750. 2.9	0. 44. 30
60 ¹	WB ROSEMONAG191878.640271.191817.640307.	750. 2.9	0. 44. 30
61 ¹	WB ROSEMONAG191817.640307.191306.640792.	750. 2.9	0. 44. 30
62 ²	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
60	38 4.0 750 32.2 1726 2 3		
63 ¹	WB ROSEMONAG191306.640792.191144.640951.	675. 2.9	0. 44. 30
64 ¹	WB ROSEMONAG191144.640951.191046.641019.	675. 2.9	0. 44. 30
65 ¹	WB ROSEMONAG191046.641019.190888.641123.	675. 2.9	0. 44. 30
66 ¹	EB ROSEMONAG190873.641107.190977.641037.	1300. 2.9	0. 44. 30
67 ¹	SB 270 ONRAG190977.641037.191077.640931.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191077.640931.191137.640865.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191137.640865.191176.640783.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191176.640783.191178.640713.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191178.640713.191156.640575.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191156.640575.191108.640301.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191108.640301.191083.640220.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191083.640220.191038.640125.	700. 2.9	0. 32. 30
67 ¹	SB 270 ONRAG191038.640125.190930.639988.	700. 2.9	0. 32. 30
76 ¹	EB ROSE AG190977.641037.191115.640951.	650. 2.9	0. 44. 30
77 ¹	EB ROSE AG191115.640951.191305.640778.	650. 2.9	0. 44. 30
78 ²	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
60	31 4.0 650 32.2 1763 2 3		
79 ¹	EB ROSE AG191307.640777.191579.640509.	700. 2.9	0. 44. 30
80 ¹	EB ROSE AG191579.640509.191907.640207.	1225. 2.9	0. 44. 30
81 ²	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
105	57 4.0 1225 32.2 1716 2 3		
80 ¹	EB ROSE AG191907.640207.192388.639800.	750. 2.9	0. 44. 30
80 ¹	SB 15 AG190810.639884.190461.639523.	4100. 4.2	0. 44. 59
80 ¹	SB 15 AG190461.639524.190212.639214.	4100. 4.2	0. 44. 59
80 ¹	SB 15 AG190212.639214.190004.638912.	4100. 4.2	0. 44. 59
80 ¹	NB 15 AG190860.639817.190678.639647.	2900. 4.2	0. 44. 59
80 ¹	NB 15 AG190678.639647.190434.639378.	2900. 4.2	0. 44. 59
80 ¹	NB 15 AG190434.639378.190212.639090.	2900. 4.2	0. 44. 59
80 ¹	NB 15 AG190212.639090.190063.638865.	2900. 4.2	0. 44. 59
1.0	0.4 1000. 0.0Y 5 0 72		

JOB: S 31 WATERFORD PARK B115AM
DATE: 01/20/2007 TIME: 21:49:54.53

RUN: WATERFORD PARK B115AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2900.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2900.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2900.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	550.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	550.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	550.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	550.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	550.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	550.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	550.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69.	100.0	.0	12.0	.69 4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69.	100.0	.0	12.0	1.66 87.8
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2500.	4.2	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3500.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3500.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK B115AM
DATE: 01/20/2007 TIME: 21:49:54.53

RUN: WATERFORD PARK B115AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.7	640736.1	*	12.	216. AG	65.	100.0	.0	12.0	.26 .6
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191322.2	640722.9	*	6.	250. AG	130.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3400.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3400.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4100.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137.	100.0	.0	24.0	.57 3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	750.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109.	100.0	.0	24.0	.82 4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	675.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	675.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	675.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1300.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191238.3	640839.2	*	55.	312. AG	89.	100.0	.0	24.0	.48 2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S31B115A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	750.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4100.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4100.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4100.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2900.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2900.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2900.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2900.	4.2	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK B115AM RUN: WATERFORD PARK B115AM
DATE: 01/20/2007 TIME: 21:49:54.53

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	84	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP *	105	84	4.0	375	1583	32.20	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	32.20	2 3
50. 50	SB15 RAMP *	60	45	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP *	60	45	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q *	105	83	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q *	60	38	4.0	750	1726	32.20	2 3
78. 78	EB ROSE Q *	60	31	4.0	650	1763	32.20	2 3
81. 81	EB ROSE Q *	105	57	4.0	1225	1716	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B115AM RUN: WATERFORD PARK B115AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.1	.0
60.	* .0	.0	.0	.0	.1	.1	.1	.0	.1	.0
65.	* .0	.0	.0	.1	.1	.2	.3	.0	.2	.1
70.	* .0	.0	.0	.1	.2	.3	.3	.0	.3	.3
75.	* .1	.0	.1	.2	.2	.4	.2	.0	.3	.2
80.	* .1	.1	.1	.2	.3	.3	.3	.0	.2	.1
85.	* .0	.1	.1	.2	.3	.2	.3	.1	.3	.2
90.	* .1	.1	.2	.2	.2	.4	.3	.1	.3	.2
95.	* .1	.2	.2	.2	.2	.3	.3	.1	.3	.2
100.	* .1	.2	.2	.2	.3	.3	.3	.2	.3	.2
105.	* .2	.2	.1	.2	.2	.3	.3	.1	.3	.1
110.	* .2	.2	.1	.1	.2	.3	.3	.0	.3	.2
115.	* .2	.2	.1	.2	.2	.3	.3	.0	.3	.3
120.	* .2	.1	.0	.2	.2	.3	.2	.0	.3	.2
125.	* .2	.1	.0	.2	.2	.3	.2	.0	.3	.2
130.	* .2	.1	.1	.2	.2	.3	.2	.1	.3	.2
135.	* .1	.0	.2	.2	.2	.3	.3	.1	.3	.2
140.	* .1	.0	.2	.2	.2	.3	.3	.1	.3	.2
145.	* .0	.1	.2	.2	.2	.3	.3	.1	.3	.2
150.	* .0	.1	.2	.2	.2	.3	.2	.1	.3	.1
155.	* .0	.2	.2	.2	.2	.3	.3	.1	.2	.2
160.	* .0	.2	.1	.1	.2	.3	.3	.1	.2	.3
165.	* .1	.2	.1	.1	.2	.3	.3	.0	.2	.2
170.	* .2	.1	.1	.2	.2	.3	.3	.0	.3	.2
175.	* .1	.1	.1	.2	.2	.3	.3	.0	.3	.2
180.	* .1	.1	.1	.2	.2	.3	.3	.0	.3	.3
185.	* .1	.1	.0	.3	.2	.3	.3	.1	.2	.2
190.	* .1	.1	.0	.1	.2	.3	.3	.1	.4	.3
195.	* .0	.0	.1	.2	.3	.3	.4	.1	.3	.2
200.	* .0	.1	.1	.2	.4	.3	.3	.1	.3	.2
205.	* .1	.1	.1	.1	.2	.3	.3	.0	.3	.2

1

JOB: S 31 WATERFORD PARK B115AM

RUN: WATERFORD PARK B115AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.1	.1	.1	.2	.2	.2	.0	.3	.2
215.	.0	.0	.0	.1	.1	.2	.2	.0	.1	.0
220.	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0
225.	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.3	.4	.4	.4	.2	.4	.3
DEGR.	105	95	90	185	200	75	195	100	190	70

THE HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 75 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC7 .

1

JOB: S 31 WATERFORD PARK B115AM
 DATE: 01/20/2007 TIME: 21:49:54.53

RUN: WATERFORD PARK B115AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 105	REC2 95	REC3 90	REC4 185	REC5 200	REC6 75	REC7 195	REC8 100	REC9 190	REC10 70
1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.1	.1	.1	.0	.0	.1	.0	.1	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.0	.0	.1	.0	.1	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 7

JOB: S 31 WATERFORD PARK B115AM

S31B115A.OUT
RUN: WATERFORD PARK B115AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 105	REC2 95	REC3 90	REC4 185	REC5 200	REC6 75	REC7 195	REC8 100	REC9 190	REC10 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1
55	*	.0	.0	.0	.1	.1	.0	.1	.0	.2	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B115P.DAT

S 31	WATERFORD PARK	B115PM	60.0175.0.0000.000100.30480000	11	1

R29	WATERFRD	SB	ENTR	191113.	640620.	5.	
R30	WATERFRD	SB	ENTR	191043.	640527.	5.	
R31	WATERFRD	SB	ENTR	190974.	640449.	5.	
R32	WATERFRD	SB	ENT	190961.	640327.	5.	
R33	WATERFRD	SB	ENT	191028.	640293.	5.	
R34	WATERFRD	SB	ENT	190986.	640191.	5.	
R35	WATERFRD	SB	ENT	190837.	640102.	5.	
R36	WATERFRD	PARK		190832.	640521.	5.	
R37	WATERFRD	PARK		190916.	640152.	5.	
R38	WATERFRD	PARK	SB	190724.	640091.	5.	
	WATERFORD PARK		B115PM		89	1	1

1							
1	NB	15	AG190860.639818.191068.639999.	3850.	4.2	0.	44. 59
2							
1	NB	15	AG191068.639999.191332.640193.	3850.	4.2	0.	44. 50.4
3							
1	NB	15	AG191332.640193.191857.640571.	3850.	4.2	0.	44. 50.4
4							
1	NB	OFFRAMPAG	191857.640571.191960.640623.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	191960.640623.192030.640626.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	192030.640626.192088.640593.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	192088.640593.192120.640535.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	192120.640535.192120.640486.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	192120.640486.192104.640441.	675.	2.9	0.	32. 30.0
4							
1	NB	OFFRAMPAG	192104.640441.191970.640296.	675.	2.9	0.	32. 30.0
11							
2	NB	OFFRAMPAG	191970.640296.191905.640219.	200.	2.9	0.	32. 30.0
12							
145	NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1		
		123 4.0 200 32.2 1770 2 3					
14							
2	NB	OFFRAMPAG	191970.640296.191878.640271.	475.	2.9	0.	32. 30.0
14							
65	NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1		
		123 4.0 475 32.2 1583 2 3					
15							
1	SB	2ND ST	AG191905.640219.191845.640144.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191845.640144.191808.640099.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191808.640099.191790.640058.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191790.640058.191779.640011.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191779.640011.191779.639965.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191779.639965.191789.639884.	200.	2.9	0.	32. 30.0
15							
1	SB	2ND ST	AG191789.639884.191805.639773.	200.	2.9	0.	32. 30.0
22							
1	SB	2ND ST	AG191805.639773.191855.639481.	200.	2.9	0.	32. 30.0
23							
1	NB	15	AG191857.640571.192459.641017.	3475.	4.2	0.	44. 59
24							
1	NB	2ND ST	AG191873.639485.191811.639835.	650.	2.9	0.	32. 30.0
24							
1	NB	2ND ST	AG191811.639835.191805.639914.	650.	2.9	0.	32. 30.0
24							
1	NB	2ND ST	AG191805.639914.191797.639982.	650.	2.9	0.	32. 30.0
24							
1	NB	2ND ST	AG191797.639982.191809.640061.	650.	2.9	0.	32. 30.0
24							
1	NB	2ND ST	AG191809.640061.191837.640112.	650.	2.9	0.	32. 30.0
24							
2	NB	2ND ST	AG191837.640112.191934.640223.	650.	2.9	0.	32. 30.0
30							
145	NB	2ND ST	AG191902.640185.191872.640151.	0.	12.	1	
		111 4.0 650 32.2 1681 2 3					
31							
1	NB	15	ON RAG191934.640223.191986.640270.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG191986.640270.192132.640439.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192132.640439.192165.640514.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192165.640514.192184.640621.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192184.640621.192226.640733.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192226.640733.192290.640837.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192290.640837.192329.640883.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192329.640883.192397.640944.	300.	2.9	0.	32. 30.0
31							
1	NB	15	ON RAG192397.640944.192459.641017.	300.	2.9	0.	32. 30.0
40							
1	SB	15	AG192414.641075.191866.640671.	3175.	4.2	0.	44. 59
41							
1	SB	15	AG191866.640671.191396.640337.	3175.	4.2	0.	44. 59
42							
1	SB	15	OFFRAG191396.640337.191304.640300.	75.	2.9	0.	32. 30.0
42							
1	SB	15	OFFRAG191304.640300.191225.640317.	75.	2.9	0.	32. 30.0
42							
1	SB	15	OFFRAG191225.640317.191185.640352.	75.	2.9	0.	32. 30.0
42							
1	SB	15	OFFRAG191185.640352.191163.640405.	75.	2.9	0.	32. 30.0

S31B115P.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	75. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	75. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	75. 2.9	0. 32. 30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	49	4.0 50 32.2 1342 2 3		
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44. 30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	49	4.0 25 32.2 1583 2 3		
53 ¹	SB 15	AG191396.640337.191282.640244.	3100. 4.2	0. 44. 59
54 ¹	SB 15	AG191282.640244.190930.639988.	3100. 4.2	0. 44. 59
55 ¹	SB 15	AG190930.639988.190811.639884.	3775. 4.2	0. 44. 59
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	675. 2.9	0. 44. 30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	675. 2.9	0. 44. 30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
145	112	4.0 675 32.2 1718 2 3		
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	1600. 2.9	0. 44. 30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	1600. 2.9	0. 44. 30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	1025. 2.9	0. 44. 30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	38	4.0 1025 32.2 1746 2 3		
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	925. 2.9	0. 44. 30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	925. 2.9	0. 44. 30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	925. 2.9	0. 44. 30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1250. 2.9	0. 44. 30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	675. 2.9	0. 32. 30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	675. 2.9	0. 32. 30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	700. 2.9	0. 44. 30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	700. 2.9	0. 44. 30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	37	4.0 700 32.2 1760 2 3		
79 ¹	EB ROSE	AG191307.640777.191579.640509.	725. 2.9	0. 44. 30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	850. 2.9	0. 44. 30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
145	85	4.0 850 32.2 1711 2 3		
80 ¹	EB ROSE	AG191907.640207.192388.639800.	800. 2.9	0. 44. 30
80 ¹	SB 15	AG190810.639884.190461.639523.	3775. 4.2	0. 44. 59
80 ¹	SB 15	AG190461.639524.190212.639214.	3775. 4.2	0. 44. 59
80 ¹	SB 15	AG190212.639214.190004.638912.	3775. 4.2	0. 44. 59
80 ¹	NB 15	AG190860.639817.190678.639647.	3850. 4.2	0. 44. 59
80 ¹	NB 15	AG190678.639647.190434.639378.	3850. 4.2	0. 44. 59
80 ¹	NB 15	AG190434.639378.190212.639090.	3850. 4.2	0. 44. 59
80 ¹	NB 15	AG190212.639090.190063.638865.	3850. 4.2	0. 44. 59
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: S 31 WATERFORD PARK B115PM
DATE: 01/20/2007 TIME: 21:54:18.45

RUN: WATERFORD PARK B115PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3850.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3850.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3850.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73.	100.0	.0	12.0	1.03 11.8
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	192387.9	640409.6	*	509.	75. AG	163.	100.0	.0	12.0	-.30 25.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3475.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189438.5	637394.2	*	3723.	221. AG	66.	100.0	.0	12.0	2.01 189.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	300.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	300.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	300.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	300.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	300.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	300.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	300.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	300.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	300.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	75.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	75.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	75.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK B115PM
DATE: 01/20/2007 TIME: 21:54:18.45

RUN: WATERFORD PARK B115PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	75.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	75.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	75.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	75.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65.	100.0	.0	12.0	.24 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130.	100.0	.0	24.0	.05 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3775.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	675.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	675.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192285.4	639900.3	*	446.	131. AG	133.	100.0	.0	24.0	1.06 22.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1600.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1600.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1025.	2.9	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191428.9	640675.6	*	136.	133. AG	101.	100.0	.0	24.0	.91 6.9
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1250.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191226.7	640849.7	*	71.	312. AG	98.	100.0	.0	24.0	.59 3.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S31B115P.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	* 198.	313. AG	101. 100.0	.0 24.0	.67 10.0
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130. AG	800. 2.9	.0 44.0	
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224. AG	3775. 4.2	.0 44.0	
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219. AG	3775. 4.2	.0 44.0	
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215. AG	3775. 4.2	.0 44.0	
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227. AG	3850. 4.2	.0 44.0	
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222. AG	3850. 4.2	.0 44.0	
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218. AG	3850. 4.2	.0 44.0	
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214. AG	3850. 4.2	.0 44.0	

1

PAGE 3

JOB: S 31 WATERFORD PARK B115PM
 DATE: 01/20/2007 TIME: 21:54:18.45 RUN: WATERFORD PARK B115PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	2	3
14. 14	NBOFFRAMP *	65	123	4.0	475	1583	2	3
30. 30	NB 2ND ST *	145	111	4.0	650	1681	2	3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	2	3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	2	3
58. 58	WB ROSE Q *	145	112	4.0	675	1718	2	3
62. 62	WB ROSE Q *	65	38	4.0	1025	1746	2	3
78. 78	eB ROSE Q *	65	37	4.0	700	1760	2	3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R29 WATERFRD SB ENTR *	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR *	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR *	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT *	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT *	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT *	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT *	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK *	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK *	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB *	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B115PM RUN: WATERFORD PARK B115PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
60.	* .0	.0	.0	.0	.0	.1	.2	.2	.0	.2	.0
65.	* .0	.0	.0	.0	.0	.1	.2	.3	.0	.2	.1
70.	* .0	.0	.0	.0	.1	.2	.3	.3	.0	.3	.2
75.	* .0	.1	.0	.0	.2	.2	.4	.3	.0	.2	.2
80.	* .1	.1	.1	.0	.2	.2	.3	.3	.0	.3	.3
85.	* .1	.1	.1	.2	.2	.3	.3	.2	.0	.3	.2
90.	* .1	.2	.2	.2	.2	.3	.3	.1	.2	.2	.2
95.	* .1	.2	.2	.2	.1	.2	.4	.3	.2	.3	.2
100.	* .2	.2	.2	.1	.3	.3	.3	.2	.3	.2	.2
105.	* .2	.2	.1	.2	.3	.3	.2	.1	.3	.3	.3
110.	* .2	.2	.1	.3	.3	.3	.3	.1	.3	.2	.2
115.	* .2	.1	.1	.2	.2	.3	.3	.1	.2	.3	.3
120.	* .2	.1	.1	.2	.2	.3	.2	.0	.2	.2	.2
125.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.2
130.	* .1	.1	.2	.2	.2	.2	.2	.0	.2	.2	.2
135.	* .1	.1	.2	.2	.2	.3	.3	.2	.3	.2	.2
140.	* .1	.0	.2	.2	.2	.3	.3	.2	.2	.2	.2
145.	* .1	.1	.2	.2	.2	.3	.3	.2	.2	.2	.2
150.	* .0	.2	.2	.2	.2	.3	.2	.1	.2	.2	.2
155.	* .0	.2	.2	.2	.2	.4	.2	.1	.2	.3	.3
160.	* .1	.2	.2	.2	.2	.3	.3	.0	.2	.3	.3
165.	* .2	.2	.2	.2	.2	.3	.3	.0	.2	.2	.2
170.	* .2	.2	.1	.2	.3	.2	.3	.0	.3	.2	.2
175.	* .2	.1	.2	.2	.3	.2	.4	.0	.3	.2	.2
180.	* .2	.1	.2	.2	.2	.2	.4	.0	.3	.2	.2
185.	* .1	.2	.1	.3	.2	.2	.3	.0	.3	.3	.3
190.	* .1	.1	.0	.2	.2	.3	.3	.1	.3	.2	.2
195.	* .0	.0	.1	.2	.3	.3	.4	.1	.4	.2	.2
200.	* .0	.0	.1	.2	.3	.5	.4	.0	.3	.2	.2
205.	* .0	.1	.1	.1	.3	.4	.4	.0	.4	.3	.3

1

JOB: S 31 WATERFORD PARK B115PM

RUN: WATERFORD PARK B115PM

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.1	.1	.1	.2	.4	.3	.0	.4	.2
215.	.0	.0	.0	.1	.1	.3	.1	.0	.2	.0
220.	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0
225.	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.3	.3	.5	.4	.2	.4	.3
DEGR.	100	90	85	110	85	200	175	95	195	80

THE HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 175 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC9 .

1

JOB: S 31 WATERFORD PARK B115PM
 DATE: 01/20/2007 TIME: 21:54:18.45

RUN: WATERFORD PARK B115PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 100	REC2 90	REC3 85	REC4 110	REC5 85	REC6 200	REC7 175	REC8 95	REC9 195	REC10 80
1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK B115PM

S31B115P.OUT
RUN: WATERFORD PARK B115PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 100	REC2 90	REC3 85	REC4 110	REC5 85	REC6 200	REC7 175	REC8 95	REC9 195	REC10 80
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1
55	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B215A

S 31	WATERFORD PARK	B215AM	60.0175.0.0000.000100.30480000	11	1
R29	WATERFRD SB ENTR	191113.	640620.	5.	
R30	WATERFRD SB ENTR	191043.	640527.	5.	
R31	WATERFRD SB ENTR	190974.	640449.	5.	
R32	WATERFRD SB ENT	190961.	640327.	5.	
R33	WATERFRD SB ENT	191028.	640293.	5.	
R34	WATERFRD SB ENT	190986.	640191.	5.	
R35	WATERFRD SB ENT	190837.	640102.	5.	
R36	WATERFRD PARK	190832.	640521.	5.	
R37	WATERFRD PARK	190916.	640152.	5.	
R38	WATERFRD PARK SB	190724.	640091.	5.	
	WATERFORD PARK	B215AM	89 1 1		

1					
1	NB 15	AG190860.639818.191068.639999.	2375. 4.2 0. 44.	59	
2					
1	NB 15	AG191068.639999.191332.640193.	2375. 4.2 0. 44.	59	
3					
1	NB 15	AG191332.640193.191857.640571.	2375. 4.2 0. 44.	59	
4					
1	NB OFFRAMPAG191857.640571.191960.640623.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG191960.640623.192030.640626.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192030.640626.192088.640593.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192088.640593.192120.640535.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192120.640535.192120.640486.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192120.640486.192104.640441.	500. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192104.640441.191970.640296.	500. 2.9 0. 32.	30.0		
11					
2	NB OFFRAMPAG191970.640296.191905.640219.	175. 2.9 0. 32.	30.0		
12					
105	NBOFFRAMP AG191923.640241.191947.640269.	0. 12. 1			
	84 4.0 175 32.2 1770 2 3				
14					
2	NB OFFRAMPAG191970.640296.191878.640271.	375. 2.9 0. 32.	30.0		
14					
105	NBOFFRAMP AG191897.640277.191934.640287.	0. 12. 1			
	84 4.0 375 32.2 1583 2 3				
15					
1	SB 2ND ST AG191905.640219.191845.640144.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191845.640144.191808.640099.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191808.640099.191790.640058.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191790.640058.191779.640011.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191779.640011.191779.639965.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191779.639965.191789.639884.	150. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191789.639884.191805.639773.	150. 2.9 0. 32.	30.0		
22					
1	SB 2ND ST AG191805.639773.191855.639481.	150. 2.9 0. 32.	30.0		
23					
1	NB 15 AG191857.640571.192459.641017.	2375. 4.2 0. 44.	59		
24					
1	NB 2ND ST AG191873.639485.191811.639835.	225. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191811.639835.191805.639914.	225. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191805.639914.191797.639982.	225. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191797.639982.191809.640061.	225. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191809.640061.191837.640112.	225. 2.9 0. 32.	30.0		
24					
2	NB 2ND ST AG191837.640112.191934.640223.	225. 2.9 0. 32.	30.0		
30					
105	NB 2ND ST AG191902.640185.191872.640151.	0. 12. 1			
	87 4.0 225 32.2 1682 2 3				
31					
1	NB 15 ON RAG191934.640223.191986.640270.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG191986.640270.192132.640439.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192132.640439.192165.640514.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192165.640514.192184.640621.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192184.640621.192226.640733.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192226.640733.192290.640837.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192290.640837.192329.640883.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192329.640883.192397.640944.	350. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192397.640944.192459.641017.	350. 2.9 0. 32.	30.0		
40					
1	SB 15 AG192414.641075.191866.640671.	3575. 4.2 0. 44.	59		
41					
1	SB 15 AG191866.640671.191396.640337.	3575. 4.2 0. 44.	59		
42					
1	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9 0. 32.	30.0		
42					

42	1	SB	15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0	S31B215A
42	1	SB	15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0	
42	1	SB	15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0	
42	1	SB	15	OFFRAG191246.640695.191307.640777.	75.	2.9	0.	32.	30.0	
50	60	SB15 RAMP	AG191284.640746.191251.640701.	0.	12.	1				
51	1	SB	15	OFFRAG191246.640695.191341.640730.	50.	2.9	0.	44.	30.0	
52	60	SB15 RAMP	AG191328.640725.191261.640700.	0.	24.	2				
53	1	SB	15	AG191396.640337.191282.640244.	3825.	4.2	0.	44.	59	
54	1	SB	15	AG191282.640244.190930.639988.	3825.	4.2	0.	44.	59	
55	1	SB	15	AG190930.639988.190811.639884.	3575.	4.2	0.	44.	59	
56	1	WB	ROSEMONAG192403.639820.192097.640064.	300.	2.9	0.	44.	30		
57	1	WB	ROSEMONAG192097.640064.191916.640022.	300.	2.9	0.	44.	30		
58	105	WB ROSE Q	AG191949.640193.192034.640119.	0.	24.	2				
59	1	WB	ROSEMONAG191916.640222.191878.640271.	300.	2.9	0.	44.	30		
60	1	WB	ROSEMONAG191878.640271.191817.640307.	750.	2.9	0.	44.	30		
61	2	WB	ROSEMONAG191817.640307.191306.640792.	750.	2.9	0.	44.	30		
62	60	WB ROSE Q	AG191330.640769.191421.640683.	0.	24.	2				
63	1	WB	ROSEMONAG191306.640792.191144.640951.	750.	2.9	0.	44.	30		
64	1	WB	ROSEMONAG191144.640951.191046.641019.	750.	2.9	0.	44.	30		
65	1	WB	ROSEMONAG191046.641019.190888.641123.	750.	2.9	0.	44.	30		
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1600	2.9	0.	44.	30		
67	1	SB	270 ONRAG190977.641037.191077.640931.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191077.640931.191137.640865.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191137.640865.191176.640783.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191176.640783.191178.640713.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191178.640713.191156.640575.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191156.640575.191108.640301.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191108.640301.191083.640220.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191083.640220.191038.640125.	700.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191038.640125.190930.639988.	700.	2.9	0.	32.	30		
76	1	EB	ROSE AG190977.641037.191115.640951.	650.	2.9	0.	44.	30		
77	1	EB	ROSE AG191115.640951.191305.640778.	650.	2.9	0.	44.	30		
78	60	eB ROSE Q	AG191279.640802.191187.640886.	0.	24.	2				
79	1	EB	ROSE AG191307.640777.191579.640509.	650.	2.9	0.	44.	30		
80	2	EB	ROSE AG191579.640509.191907.640207.	1225.	2.9	0.	44.	30		
81	105	EB ROSE Q	AG191867.640244.191768.640335.	0.	24.	2				
80	1	EB	ROSE AG191907.640207.192388.639800.	1225.	2.9	0.	44.	30		
80	1	SB	15 AG190810.639884.190461.639523.	3575.	4.2	0.44.0		59		
80	1	SB	15 AG190461.639524.190212.639214.	3575.	4.2	0.44.0		59		
80	1	SB	15 AG190212.639214.190004.638912.	3575.	4.2					

JOB: S 31 WATERFORD PARK B215AM
DATE: 03/15/2007 TIME: 16:01:07.81

RUN: WATERFORD PARK B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2375.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2375.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2375.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	500.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	500.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	500.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	500.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	500.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	500.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	500.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69. 100.0	.0	12.0	.69	4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191845.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69. 100.0	.0	12.0	1.66	87.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	150.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	150.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	150.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2375.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72. 100.0	.0	12.0	1.17	25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3575.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3575.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK B215AM
DATE: 03/15/2007 TIME: 16:01:07.81

RUN: WATERFORD PARK B215AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191273.3	640731.5	*	18.	216. AG	63. 100.0	.0	12.0	.35	.9
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191322.4	640722.9	*	6.	250. AG	127. 100.0	.0	24.0	.10	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3825.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3825.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3575.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q*	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137. 100.0	.0	24.0	.57	3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	300.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q*	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109. 100.0	.0	24.0	.82	4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	750.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	750.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	750.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q*	* 191279.0	640802.0	191237.0	640840.4	*	57.	312. AG	92. 100.0	.0	24.0	.50	2.9
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S31B215A

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	1225.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3575.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3575.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3575.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2375.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2375.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2375.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2375.	4.2	.0	44.0		

1

JOB: S 31 WATERFORD PARK B215AM
DATE: 03/15/2007 TIME: 16:01:07.81

RUN: WATERFORD PARK B215AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	84	4.0	175	1770	32.20	2	3
14. 14	NBOFFRAMP	* 105	84	4.0	375	1583	32.20	2	3
30. 30	NB 2ND ST	* 105	87	4.0	225	1682	32.20	2	3
50. 50	SB15 RAMP	* 60	44	4.0	75	1308	32.20	2	3
52. 52	SB15 RAMP	* 60	44	4.0	50	1583	32.20	2	3
58. 58	WB ROSE Q	* 105	83	4.0	300	1719	32.20	2	3
62. 62	WB ROSE Q	* 60	38	4.0	750	1726	32.20	2	3
78. 78	EB ROSE Q	* 60	32	4.0	650	1763	32.20	2	3
81. 81	EB ROSE Q	* 105	57	4.0	1225	1716	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

JOB: S 31 WATERFORD PARK B215AM

RUN: WATERFORD PARK B215AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
60.	*	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
65.	*	.0	.0	.0	.1	.1	.3	.2	.0	.2	.1
70.	*	.0	.0	.0	.1	.1	.4	.3	.0	.3	.2
75.	*	.1	.0	.1	.1	.2	.4	.2	.0	.3	.1
80.	*	.1	.1	.1	.2	.3	.3	.3	.0	.2	.1
85.	*	.0	.1	.1	.2	.3	.3	.3	.1	.3	.2
90.	*	.1	.1	.1	.3	.2	.3	.3	.1	.3	.2
95.	*	.1	.1	.2	.2	.3	.3	.3	.1	.3	.2
100.	*	.1	.1	.2	.2	.3	.3	.3	.1	.3	.1
105.	*	.1	.1	.1	.1	.1	.3	.3	.0	.3	.1
110.	*	.1	.2	.1	.1	.1	.3	.2	.0	.3	.1
115.	*	.1	.2	.1	.1	.2	.3	.2	.0	.3	.3
120.	*	.1	.0	.0	.2	.2	.3	.3	.0	.3	.3
125.	*	.1	.1	.1	.2	.2	.3	.2	.0	.3	.2
130.	*	.1	.1	.1	.2	.2	.3	.2	.1	.3	.2
135.	*	.0	.1	.1	.2	.2	.3	.3	.1	.2	.2
140.	*	.0	.0	.1	.2	.2	.3	.3	.1	.3	.2
145.	*	.1	.1	.1	.2	.2	.3	.3	.1	.3	.2
150.	*	.1	.1	.1	.2	.2	.3	.2	.1	.3	.1
155.	*	.0	.1	.1	.1	.2	.2	.2	.1	.3	.2
160.	*	.1	.1	.1	.1	.2	.3	.2	.1	.3	.2
165.	*	.1	.1	.1	.1	.2	.3	.3	.1	.2	.2
170.	*	.1	.1	.1	.1	.1	.3	.3	.0	.3	.2
175.	*	.1	.1	.1	.2	.1	.3	.1	.0	.3	.2
180.	*	.1	.1	.1	.2	.2	.3	.3	.0	.3	.1
185.	*	.1	.1	.1	.1	.2	.3	.3	.0	.2	.1
190.	*	.1	.1	.0	.1	.2	.3	.3	.1	.1	.1
195.	*	.1	.0	.0	.2	.2	.3	.3	.1	.2	.1
200.	*	.0	.0	.1	.1	.2	.3	.2	.0	.3	.1
205.	*	.0	.1	.1	.1	.3	.3	.2	.0	.2	.1

1

JOB: S 31 WATERFORD PARK B215AM

RUN: WATERFORD PARK B215AM

PAGE 5

WIND ANGLE (DEGR)	CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.0	.1	.1	.2	.2	.1	.0	.2	.2
215.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.2	.3	.3	.4	.3	.1	.3	.3
DEGR.	75	110	95	90	80	70	70	85	70	115

THE HIGHEST CONCENTRATION IS .40 PPM AT 70 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 90 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 80 DEGREES FROM REC5 .

1

JOB: S 31 WATERFORD PARK B215AM
 DATE: 03/15/2007 TIME: 16:01:07.81

RUN: WATERFORD PARK B215AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 75	REC2 110	REC3 95	REC4 90	REC5 80	REC6 70	REC7 70	REC8 85	REC9 70	REC10 115
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.1	.1	.1	.1	.1	.1	.0	.1	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	
41	*	.0	.1	.1	.1	.1	.1	.1	.1	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
		75	110	95	90	80	70	70	85	70	115
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B215P

S 31	WATERFORD PARK	B215PM	60.0175.0.0000.000100.30480000	11	1
R29	WATERFRD SB ENTR	191113.	640620.	5.	
R30	WATERFRD SB ENTR	191043.	640527.	5.	
R31	WATERFRD SB ENTR	190974.	640449.	5.	
R32	WATERFRD SB ENT	190961.	640327.	5.	
R33	WATERFRD SB ENT	191028.	640293.	5.	
R34	WATERFRD SB ENT	190986.	640191.	5.	
R35	WATERFRD SB ENT	190837.	640102.	5.	
R36	WATERFRD PARK	190832.	640521.	5.	
R37	WATERFRD PARK	190916.	640152.	5.	
R38	WATERFRD PARK SB	190724.	640091.	5.	
	WATERFORD PARK	B215PM	89 1 1		

1					
1	NB 15	AG190860.639818.191068.639999.	3250. 4.2 0. 44.	59	
2					
1	NB 15	AG191068.639999.191332.640193.	3250. 4.2 0. 44.	59	
3					
1	NB 15	AG191332.640193.191857.640571.	3250. 4.2 0. 44.	59	
4					
1	NB OFFRAMPAG191857.640571.191960.640623.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG191960.640623.192030.640626.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192030.640626.192088.640593.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192088.640593.192120.640535.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192120.640535.192120.640486.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192120.640486.192104.640441.	675. 2.9 0. 32.	30.0		
4					
1	NB OFFRAMPAG192104.640441.191970.640296.	675. 2.9 0. 32.	30.0		
11					
2	NB OFFRAMPAG191970.640296.191905.640219.	200. 2.9 0. 32.	30.0		
12					
145	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1		
	123 4.0 200 32.2 1770 2 3				
14					
2	NB OFFRAMPAG191970.640296.191878.640271.	475. 2.9 0. 32.	30.0		
14					
145	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1		
	123 4.0 475 32.2 1583 2 3				
15					
1	SB 2ND ST AG191905.640219.191845.640144.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191845.640144.191808.640099.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191808.640099.191790.640058.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191790.640058.191779.640011.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191779.640011.191779.639965.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191779.639965.191789.639884.	275. 2.9 0. 32.	30.0		
15					
1	SB 2ND ST AG191789.639884.191805.639773.	275. 2.9 0. 32.	30.0		
22					
1	SB 2ND ST AG191805.639773.191855.639481.	275. 2.9 0. 32.	30.0		
23					
1	NB 15 AG191857.640571.192459.641017.	3250. 4.2 0. 44.	59		
24					
1	NB 2ND ST AG191873.639485.191811.639835.	650. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191811.639835.191805.639914.	650. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191805.639914.191797.639982.	650. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191797.639982.191809.640061.	650. 2.9 0. 32.	30.0		
24					
1	NB 2ND ST AG191809.640061.191837.640112.	650. 2.9 0. 32.	30.0		
24					
2	NB 2ND ST AG191837.640112.191934.640223.	650. 2.9 0. 32.	30.0		
30					
145	NB 2ND ST AG191902.640185.191872.640151.	0. 12.	1		
	114 4.0 650 32.2 1680 2 3				
31					
1	NB 15 ON RAG191934.640223.191986.640270.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG191986.640270.192132.640439.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192132.640439.192165.640514.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192165.640514.192184.640621.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192184.640621.192226.640733.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192226.640733.192290.640837.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192290.640837.192329.640883.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192329.640883.192397.640944.	275. 2.9 0. 32.	30.0		
31					
1	NB 15 ON RAG192397.640944.192459.641017.	275. 2.9 0. 32.	30.0		
40					
1	SB 15 AG192414.641075.191866.640671.	3175. 4.2 0. 44.	59		
41					
1	SB 15 AG191866.640671.191396.640337.	3175. 4.2 0. 44.	59		
42					
1	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9 0. 32.	30.0		
42					
1	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9 0. 32.	30.0		
42					

42	1	SB	15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0	S31B215P
42	1	SB	15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0	
42	1	SB	15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0	
42	1	SB	15	OFFRAG191246.640695.191307.640777.	75.	2.9	0.	32.	30.0	
50	70	SB15 RAMP	AG191284.640746.191251.640701.	0.	12.	1				
51	1		53	4.0 75 32.2 1342 2 3						
51	2	SB	15	OFFRAG191246.640695.191341.640730.	25.	2.9	0.	44.	30.0	
52	70	SB15 RAMP	AG191328.640725.191261.640700.	0.	24.	2				
53	1		53	4.0 25 32.2 1583 2 3						
53	1	SB	15	AG191396.640337.191282.640244.	2875.	4.2	0.	44.	59	
54	1	SB	15	AG191282.640244.190930.639988.	2875.	4.2	0.	44.	59	
55	1	SB	15	AG190930.639988.190811.639884.	3175.	4.2	0.	44.	59	
56	1	WB	ROSEMONAG192403.639820.192097.640064.	775.	2.9	0.	44.	30		
57	1	WB	ROSEMONAG192097.640064.191916.640222.	775.	2.9	0.	44.	30		
58	2	WB ROSE Q	AG191949.640193.192034.640119.	0.	24.	2				
59	1		145	112 4.0 775 32.2 1727 2 3						
59	1	WB	ROSEMONAG191916.640222.191878.640271.	775.	2.9	0.	44.	30		
60	1	WB	ROSEMONAG191878.640271.191817.640307.	1050.	2.9	0.	44.	30		
61	1	WB	ROSEMONAG191817.640307.191306.640792.	1050.	2.9	0.	44.	30		
62	2	WB ROSE Q	AG191330.640769.191421.640683.	0.	24.	2				
63	1		70	39 4.0 1050 32.2 1749 2 3						
63	1	WB	ROSEMONAG191306.640792.191144.640951.	1050.	2.9	0.	44.	30		
64	1	WB	ROSEMONAG191144.640951.191046.641019.	1050.	2.9	0.	44.	30		
65	1	WB	ROSEMONAG191046.641019.190888.641123.	1050.	2.9	0.	44.	30		
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1600.	2.9	0.	44.	30		
67	1	SB	270 ONRAG190977.641037.191077.640931.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191077.640931.191137.640865.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191137.640865.191176.640783.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191176.640783.191178.640713.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191178.640713.191156.640575.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191156.640575.191108.640301.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191108.640301.191083.640220.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191083.640220.191038.640125.	650.	2.9	0.	32.	30		
67	1	SB	270 ONRAG191038.640125.190930.639988.	650.	2.9	0.	32.	30		
76	1	EB	ROSE AG190977.641037.191115.640951.	700.	2.9	0.	44.	30		
77	1	EB	ROSE AG191115.640951.191305.640778.	700.	2.9	0.	44.	30		
78	2	eB ROSE Q	AG191279.640802.191187.640886.	0.	24.	2				
79	1		70	42 4.0 700 32.2 1760 2 3						
79	1	EB	ROSE AG191307.640777.191579.640509.	700.	2.9	0.	44.	30		
80	2	EB	ROSE AG191579.640509.191907.640207.	850.	2.9	0.	44.	30		
81	1	EB ROSE Q	AG191867.640244.191768.640335.	0.	24.	2				

JOB: S 31 WATERFORD PARK B215PM
DATE: 03/15/2007 TIME: 16:16:54.17

RUN: WATERFORD PARK B215PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3250.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3250.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3250.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73. 100.0	.0	12.0	1.03 11.8	
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	195186.1	641165.7	*	3407.	75. AG	73. 100.0	.0	12.0	2.73 173.1	
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	275.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	275.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	275.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	275.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	275.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	275.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	275.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	275.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	68. 100.0	.0	12.0	2.25 207.6	
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	275.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	275.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	275.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	275.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	275.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	275.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	275.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	275.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	275.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 31 WATERFORD PARK B215PM
DATE: 03/15/2007 TIME: 16:16:54.17

RUN: WATERFORD PARK B215PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191271.1	640728.5	*	22.	216. AG	65. 100.0	.0	12.0	.36 1.1	
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191324.7	640723.8	*	3.	249. AG	131. 100.0	.0	24.0	.05 .2	
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2875.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2875.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3175.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	775.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	775.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192671.6	639564.2	*	958.	131. AG	133. 100.0	.0	24.0	1.21 48.7	
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	775.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1050.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1050.	2.9	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191417.3	640686.5	*	120.	133. AG	96. 100.0	.0	24.0	.84 6.1	
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1050.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1050.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1050.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	650.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	650.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	650.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	650.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	650.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	650.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	650.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	650.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	650.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191219.7	640856.2	*	80.	312. AG	104. 100.0	.0	24.0	.63 4.1	
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S31B215P

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	*	198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	850.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3175.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3175.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3175.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3250.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3250.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3250.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3250.	4.2	.0	44.0		

1

JOB: S 31 WATERFORD PARK B215PM
DATE: 03/15/2007 TIME: 16:16:54.17

RUN: WATERFORD PARK B215PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 145	123	4.0	200	1770	32.20	2	3
14. 14	NBOFFRAMP	* 145	123	4.0	475	1583	32.20	2	3
30. 30	NB 2ND ST	* 145	114	4.0	650	1680	32.20	2	3
50. 50	SB15 RAMP	* 70	53	4.0	75	1342	32.20	2	3
52. 52	SB15 RAMP	* 70	53	4.0	25	1583	32.20	2	3
58. 58	WB ROSE Q	* 145	112	4.0	775	1727	32.20	2	3
62. 62	WB ROSE Q	* 70	39	4.0	1050	1749	32.20	2	3
78. 78	EB ROSE Q	* 70	42	4.0	700	1760	32.20	2	3
81. 81	EB ROSE Q	* 145	85	4.0	850	1711	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	COORDINATES (FT) Y	Z	* *
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

JOB: S 31 WATERFORD PARK B215PM

RUN: WATERFORD PARK B215PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
60.	*	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0	.0
65.	*	.0	.0	.0	.0	.1	.2	.3	.0	.2	.0	.0
70.	*	.0	.0	.0	.1	.2	.2	.3	.0	.3	.1	.0
75.	*	.0	.0	.0	.2	.2	.2	.4	.3	.0	.2	.2
80.	*	.1	.0	.1	.2	.2	.2	.3	.0	.3	.3	.0
85.	*	.1	.1	.2	.2	.3	.3	.2	.0	.3	.2	.0
90.	*	.1	.1	.2	.2	.2	.3	.2	.1	.2	.2	.0
95.	*	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.0
100.	*	.2	.2	.2	.1	.3	.2	.2	.2	.2	.2	.0
105.	*	.2	.2	.1	.1	.2	.2	.2	.1	.2	.1	.0
110.	*	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.0
115.	*	.2	.1	.1	.2	.2	.2	.3	.0	.2	.3	.0
120.	*	.2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.0
125.	*	.2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.0
130.	*	.1	.1	.1	.2	.2	.2	.2	.0	.2	.2	.0
135.	*	.1	.0	.2	.2	.2	.2	.2	.0	.3	.2	.0
140.	*	.1	.0	.2	.2	.2	.2	.3	.1	.2	.2	.0
145.	*	.0	.0	.2	.2	.2	.2	.3	.1	.2	.2	.0
150.	*	.0	.2	.2	.2	.2	.2	.2	.1	.2	.2	.0
155.	*	.0	.2	.2	.2	.2	.2	.3	.2	.1	.2	.1
160.	*	.0	.2	.2	.1	.2	.2	.2	.0	.2	.2	.0
165.	*	.2	.2	.1	.2	.2	.2	.2	.0	.2	.2	.0
170.	*	.2	.2	.1	.2	.2	.2	.2	.0	.3	.2	.0
175.	*	.2	.1	.1	.2	.2	.2	.3	.0	.3	.2	.0
180.	*	.1	.1	.2	.2	.2	.2	.3	.0	.3	.2	.0
185.	*	.1	.1	.0	.1	.2	.2	.3	.0	.2	.2	.0
190.	*	.1	.0	.0	.1	.2	.3	.3	.0	.3	.2	.0
195.	*	.0	.0	.0	.1	.2	.3	.2	.0	.3	.2	.0
200.	*	.0	.0	.1	.1	.3	.4	.3	.0	.3	.2	.0
205.	*	.0	.0	.1	.1	.2	.3	.2	.0	.3	.1	.0

1

JOB: S 31 WATERFORD PARK B215PM

RUN: WATERFORD PARK B215PM

WIND ANGLE (DEGR)	CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.0	.0	.1	.1	.3	.2	.0	.3	.1
215.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.2	.2	.2	.2	.3	.4	.3	.2	.3	.3
DEGR.	100	95	85	75	85	75	65	95	70	80

THE HIGHEST CONCENTRATION IS .40 PPM AT 75 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 85 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 65 DEGREES FROM REC7 .

1

JOB: S 31 WATERFORD PARK B215PM
 DATE: 03/15/2007 TIME: 16:16:54.17

RUN: WATERFORD PARK B215PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC1 100	REC2 95	REC3 85	REC4 75	REC5 85	REC6 75	REC7 65	REC8 95	REC9 70	REC10 80
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 100	REC2 95	REC3 85	REC4 75	REC5 85	REC6 75	REC7 65	REC8 95	REC9 70	REC10 80
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31NB30A.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	150. 2.6	0. 32. 30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	150. 2.6	0. 32. 30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	150. 2.6	0. 32. 30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32. 30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	49	4.0 1 28.3 1493 2 3		
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	75. 2.6	0. 44. 30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	49	4.0 75 28.3 1446 2 3		
53 ¹	SB 15	AG191396.640337.191282.640244.	3900. 3.2	0. 44. 48
54 ¹	SB 15	AG191282.640244.190930.639988.	3900. 3.2	0. 44. 48
55 ¹	SB 15	AG190930.639988.190811.639884.	4725. 3.2	0. 44. 48
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	400. 2.6	0. 44. 30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	400. 2.6	0. 44. 30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
135	113	4.0 400 28.3 1715 2 3		
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	450. 2.6	0. 44. 30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	875. 2.6	0. 44. 30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	875. 2.6	0. 44. 30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	40	4.0 875 28.3 1730 2 3		
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	800. 2.6	0. 44. 30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	800. 2.6	0. 44. 30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	800. 2.6	0. 44. 30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1575. 2.6	0. 44. 30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	825. 2.6	0. 32. 30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	825. 2.6	0. 32. 30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	825. 2.6	0. 44. 30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	825. 2.6	0. 44. 30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	33	4.0 825 28.3 1764 2 3		
79 ¹	EB ROSE	AG191307.640777.191579.640509.	900. 2.6	0. 44. 30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	1425. 2.6	0. 44. 30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
135	61	4.0 1425 28.3 1716 2 3		
80 ¹	EB ROSE	AG191907.640207.192388.639800.	975. 2.6	0. 44. 30
80 ¹	SB 15	AG190810.639884.190461.639523.	4725. 3.3	0.44.0 48
80 ¹	SB 15	AG190461.639524.190212.639214.	4725. 3.3	0.44.0 48
80 ¹	SB 15	AG190212.639214.190004.638912.	4725. 3.3	0.44.0 48
80 ¹	NB 15	AG190860.639817.190678.639647.	3450. 3.5	0.44.0 55
80 ¹	NB 15	AG190678.639647.190434.639378.	3450. 3.5	0.44.0 55
80 ¹	NB 15	AG190434.639378.190212.639090.	3450. 3.5	0.44.0 55
80 ¹	NB 15	AG190212.639090.190063.638865.	3450. 3.5	0.44.0 55
1.0	0.4 1000. 0.0Y	5 0 72		

JOB: S 31 WATERFORD PARK
DATE: 12/20/2006 TIME: 14:12:58.80

RUN: WATERFORD PARK NB30AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3450.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3450.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3450.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	225.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	425.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194397.2	640952.5	*	2590.	75. AG	63.	100.0	.0	12.0	2.14 131.6
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3000.	3.5	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191456.4	639680.2	*	673.	221. AG	65.	100.0	.0	12.0	1.27 34.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4050.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4050.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK
DATE: 12/20/2006 TIME: 14:12:58.80

RUN: WATERFORD PARK NB30AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.8	*	0.	215. AG	57.	100.0	.0	12.0	.00 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.17 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3900.	3.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3900.	3.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4725.	3.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	400.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	400.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192075.1	640083.3	*	167.	131. AG	127.	100.0	.0	24.0	.99 8.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	450.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	875.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	875.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.2	640692.3	*	112.	133. AG	93.	100.0	.0	24.0	.87 5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	800.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	800.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	800.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1575.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	825.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	825.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	825.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	825.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	825.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	825.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	825.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	825.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	825.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	825.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	825.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191224.1	640852.2	*	74.	312. AG	77.	100.0	.0	24.0	.58 3.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1425.	2.6	.0	44.0	

S31NB30A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191692.1	640404.7	*	237.	313.	AG	69.	100.0	.0	24.0	.82	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	975.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4725.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4725.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4725.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3450.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3450.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3450.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3450.	3.5	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB30AM
DATE: 12/20/2006 TIME: 14:12:58.80

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP	* 135	112	4.0	425	1583	28.30	2 3
30. 30	NB 2ND ST	* 135	115	4.0	225	1715	28.30	2 3
50. 50	SB15 RAMP	* 65	49	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP	* 65	49	4.0	75	1446	28.30	2 3
58. 58	WB ROSE Q	* 135	113	4.0	400	1715	28.30	2 3
62. 62	WB ROSE Q	* 65	40	4.0	875	1730	28.30	2 3
78. 78	EB ROSE Q	* 65	33	4.0	825	1764	28.30	2 3
81. 81	EB ROSE Q	* 135	61	4.0	1425	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R29 WATERFRD SB ENTR	* 191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	* 191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	* 190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	* 190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	* 191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	* 190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	* 190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	* 190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	* 190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	* 190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB30AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
60.	* .0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.0
65.	* .0	.0	.0	.1	.1	.2	.3	.0	.2	.1	.0
70.	* .0	.0	.0	.1	.2	.2	.3	.0	.3	.1	.0
75.	* .1	.0	.1	.2	.2	.4	.2	.0	.2	.2	.0
80.	* .0	.1	.1	.2	.2	.2	.3	.0	.2	.1	.0
85.	* .0	.1	.1	.2	.3	.2	.2	.0	.3	.2	.0
90.	* .1	.1	.2	.2	.2	.3	.2	.1	.2	.2	.0
95.	* .1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.0
100.	* .1	.2	.2	.1	.3	.3	.2	.1	.2	.2	.0
105.	* .2	.2	.1	.2	.2	.3	.2	.0	.2	.1	.0
110.	* .2	.2	.1	.1	.2	.3	.2	.0	.2	.2	.0
115.	* .2	.2	.1	.2	.2	.2	.2	.0	.2	.3	.0
120.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.0
125.	* .2	.1	.0	.2	.2	.2	.2	.0	.2	.2	.0
130.	* .2	.0	.1	.2	.2	.2	.2	.0	.2	.2	.0
135.	* .1	.0	.1	.2	.2	.2	.3	.1	.1	.2	.0
140.	* .1	.0	.2	.2	.2	.2	.3	.1	.2	.2	.0
145.	* .0	.0	.2	.2	.2	.2	.3	.1	.2	.2	.0
150.	* .0	.1	.2	.2	.2	.2	.2	.1	.2	.1	.0
155.	* .0	.2	.2	.2	.2	.2	.2	.1	.2	.2	.0
160.	* .0	.2	.1	.1	.2	.2	.2	.0	.2	.3	.0
165.	* .1	.2	.1	.1	.2	.2	.3	.0	.2	.2	.0
170.	* .1	.1	.1	.2	.2	.2	.3	.0	.3	.2	.0
175.	* .1	.1	.1	.2	.2	.2	.2	.0	.3	.2	.0
180.	* .1	.1	.1	.2	.2	.2	.3	.0	.3	.2	.0
185.	* .1	.1	.0	.2	.2	.2	.3	.0	.2	.1	.0
190.	* .1	.0	.0	.1	.2	.3	.3	.1	.3	.2	.0
195.	* .0	.0	.0	.2	.3	.3	.3	.1	.3	.2	.0
200.	* .0	.0	.1	.1	.3	.4	.3	.0	.3	.2	.0
205.	* .0	.1	.1	.1	.2	.3	.3	.0	.3	.2	.0

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB30AM

WIND * CONCENTRATION										
ANGLE * (PPM)										
(DEGR) * REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	
210. *	.0	.1	.1	.1	.2	.2	.2	.0	.2	.2
215. *	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
220. *	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
225. *	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
230. *	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360. *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX *	.2	.2	.2	.2	.3	.4	.3	.1	.3	.3
DEGR. *	105	95	90	75	85	75	65	90	70	115

THE HIGHEST CONCENTRATION IS .40 PPM AT 75 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .30 PPM AT 85 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .30 PPM AT 65 DEGREES FROM REC7 .

1

JOB: S 31 WATERFORD PARK
 DATE: 12/20/2006 TIME: 14:12:58.80

RUN: WATERFORD PARK NB30AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)										
* ANGLE (DEGREES)										
LINK #	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
1	105	95	90	75	85	75	65	90	70	115
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK

S31NB30A.OUT

RUN: WATERFORD PARK

NB30AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 105	REC2 95	REC3 90	REC4 75	REC5 85	REC6 75	REC7 65	REC8 90	REC9 70	REC10 115
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31NB30P.DAT

S 31 WATERFORD PARK	60.0175.0.0000.000100.30480000	11	1
R29 WATERFRD SB ENTR 191113. 640620. 5.			
R30 WATERFRD SB ENTR 191043. 640527. 5.			
R31 WATERFRD SB ENTR 190974. 640449. 5.			
R32 WATERFRD SB ENT 190961. 640327. 5.			
R33 WATERFRD SB ENT 191028. 640293. 5.			
R34 WATERFRD SB ENT 190986. 640191. 5.			
R35 WATERFRD SB ENT 190837. 640102. 5.			
R36 WATERFRD PARK 190832. 640521. 5.			
R37 WATERFRD PARK 190916. 640152. 5.			
R38 WATERFRD PARK SB 190724. 640091. 5.			
WATERFORD PARK NB30AM 89 1 1			

1	1	NB 15	AG190860.639818.191068.639999.	4675. 3.1 0. 44. 46
2	1	NB 15	AG191068.639999.191332.640193.	4675. 3.1 0. 44. 46
3	1	NB 15	AG191332.640193.191857.640571.	4675. 3.1 0. 44. 46
4	1	NB OFFRAMPAG191857.640571.191960.640623.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG191960.640623.192030.640626.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192030.640626.192088.640593.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192088.640593.192120.640535.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192120.640535.192120.640486.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192120.640486.192104.640441.	850. 2.6 0. 32. 30.0	
4	1	NB OFFRAMPAG192104.640441.191970.640296.	850. 2.6 0. 32. 30.0	
11	2	NB OFFRAMPAG191970.640296.191905.640219.	75. 2.6 0. 32. 30.0	
12	135	NBOFFRAMP AG191923.640241.191947.640269.	0. 12. 1	
		81 4.0 1 28.3 1770 2 3		
14	2	NB OFFRAMPAG191970.640296.191878.640271.	50. 2.6 0. 32. 30.0	
14	90	NBOFFRAMP AG191897.640277.191934.640287.	0. 12. 1	
		72 4.0 50 28.3 1723 2 3		
15	1	SB 2ND ST AG191905.640219.191845.640144.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191845.640144.191808.640099.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191808.640099.191790.640058.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191790.640058.191779.640011.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191779.640011.191779.639965.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191779.639965.191789.639884.	150. 2.6 0. 32. 30.0	
15	1	SB 2ND ST AG191789.639884.191805.639773.	150. 2.6 0. 32. 30.0	
22	1	SB 2ND ST AG191805.639773.191855.639481.	150. 2.6 0. 32. 30.0	
23	1	NB 15 AG191857.640571.192459.641017.	4225. 3.6 0. 44. 56	
24	1	NB 2ND ST AG191873.639485.191811.639835.	100. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191811.639835.191805.639914.	100. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191805.639914.191797.639982.	100. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191797.639982.191809.640061.	100. 2.6 0. 32. 30.0	
24	1	NB 2ND ST AG191809.640061.191837.640112.	100. 2.6 0. 32. 30.0	
24	2	NB 2ND ST AG191837.640112.191934.640223.	100. 2.6 0. 32. 30.0	
30	90	NB 2ND ST AG191902.640185.191872.640151.	0. 12. 1	
		74 4.0 100 28.3 1463 2 3		
31	1	NB 15 ON RAG191934.640223.191986.640270.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG191986.640270.192132.640439.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192132.640439.192165.640514.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192165.640514.192184.640621.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192184.640621.192226.640733.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192226.640733.192290.640837.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192290.640837.192329.640883.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192329.640883.192397.640944.	350. 2.6 0. 32. 30.0	
31	1	NB 15 ON RAG192397.640944.192459.641017.	350. 2.6 0. 32. 30.0	
40	1	SB 15 AG192414.641075.191866.640671.	3775. 3.4 0. 44. 53	
41	1	SB 15 AG191866.640671.191396.640337.	3775. 3.4 0. 44. 53	
42	1	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.6 0. 32. 30.0	
42	1	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.6 0. 32. 30.0	

S31NB30P.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12.	1	
90	72	4.0 1 28.3 1493 2 3			
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	25. 2.6	0. 32.	30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 12.	1	
90	72	4.0 25 28.3 1463 2 3			
53 ¹	SB 15	AG191396.640337.191282.640244.	3675. 3.4	0. 44.	53
54 ¹	SB 15	AG191282.640244.190930.639988.	3675. 3.4	0. 44.	53
55 ¹	SB 15	AG190930.639988.190811.639884.	4425. 3.4	0. 44.	53
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	875. 2.6	0. 44.	30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	875. 2.6	0. 44.	30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24.	2	
145	115	4.0 875 28.3 1722 2 3			
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	1300. 2.6	0. 44.	30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	1850. 2.6	0. 44.	30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	1275. 2.6	0. 44.	30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24.	2	
90	47	4.0 1275 28.3 1751 2 3			
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	1200. 2.6	0. 44.	30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	1200. 2.6	0. 44.	30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	1200. 2.6	0. 44.	30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	875. 2.6	0. 44.	30
67 ¹	SB 270 ONRAG	190977.641037.191077.640931.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191077.640931.191137.640865.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191137.640865.191176.640783.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191176.640783.191178.640713.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191178.640713.191156.640575.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191156.640575.191108.640301.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191108.640301.191083.640220.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191083.640220.191038.640125.	750. 2.6	0. 32.	30
67 ¹	SB 270 ONRAG	191038.640125.190930.639988.	750. 2.6	0. 32.	30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	750. 2.6	0. 44.	30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	750. 2.6	0. 44.	30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24.	2	
90	55	4.0 750 28.3 1762 2 3			
79 ¹	EB ROSE	AG191307.640777.191579.640509.	900. 2.6	0. 44.	30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	1025. 2.6	0. 44.	30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24.	2	
145	85	4.0 1025 28.3 1712 2 3			
80 ¹	EB ROSE	AG191907.640207.192388.639800.	925. 2.6	0. 44.	30
80 ¹	SB 15	AG190810.639884.190461.639523.	4425. 3.3	0.44.0	50
80 ¹	SB 15	AG190461.639524.190212.639214.	4425. 3.3	0.44.0	50
80 ¹	SB 15	AG190212.639214.190004.638912.	4425. 3.3	0.44.0	50
80 ¹	NB 15	AG190860.639817.190678.639647.	4675. 3.3	0.44.0	46
80 ¹	NB 15	AG190678.639647.190434.639378.	4675. 3.3	0.44.0	46
80 ¹	NB 15	AG190434.639378.190212.639090.	4675. 3.3	0.44.0	46
80 ¹	NB 15	AG190212.639090.190063.638865.	4675. 3.3	0.44.0	46
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: S 31 WATERFORD PARK
DATE: 12/20/2006 TIME: 14:13:25.82

RUN: WATERFORD PARK NB30AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4675.	3.1	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4675.	3.1	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4675.	3.1	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	850.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	850.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	850.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	850.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	850.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	850.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	850.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	75.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	50.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	191916.0	640282.2	*	20.	75. AG	61.	100.0	.0	12.0	.22 1.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	150.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	150.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	150.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	4225.	3.6	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	100.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	100.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	100.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	100.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	100.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	100.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191875.2	640154.7	*	40.	221. AG	62.	100.0	.0	12.0	.62 2.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3775.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3775.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK
DATE: 12/20/2006 TIME: 14:13:25.82

RUN: WATERFORD PARK NB30AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.7	*	0.	216. AG	61.	100.0	.0	12.0	.01 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.8	640721.6	*	10.	249. AG	61.	100.0	.0	12.0	.13 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3675.	3.4	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3675.	3.4	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4425.	3.4	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	875.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	875.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	193349.9	638973.9	*	1857.	131. AG	120.	100.0	.0	24.0	1.53 94.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1300.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1850.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1275.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191460.1	640646.1	*	179.	133. AG	79.	100.0	.0	24.0	.89 9.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1200.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1200.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1200.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	875.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191195.7	640878.1	*	113.	312. AG	93.	100.0	.0	24.0	.66 5.7
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1025.	2.6	.0	44.0	

S31NB30P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191691.8	640405.0	*	238.	313.	AG	89.	100.0	.0	24.0	.80	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4425.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4425.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4425.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4675.	3.3	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4675.	3.3	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4675.	3.3	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4675.	3.3	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB30AM
DATE: 12/20/2006 TIME: 14:13:25.82

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP *	90	72	4.0	50	1723	28.30	2 3
30. 30	NB 2ND ST *	90	74	4.0	100	1463	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1463	28.30	2 3
58. 58	WB ROSE Q *	145	115	4.0	875	1722	28.30	2 3
62. 62	WB ROSE Q *	90	47	4.0	1275	1751	28.30	2 3
78. 78	eB ROSE Q *	90	55	4.0	750	1762	28.30	2 3
81. 81	EB ROSE Q *	145	85	4.0	1025	1712	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R29 WATERFRD SB ENTR *	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR *	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR *	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT *	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT *	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT *	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT *	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK *	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK *	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB *	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK RUN: WATERFORD PARK NB30AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.1	.2	.2	.0	.2	.0
65.	* .0	.0	.0	.0	.0	.2	.2	.3	.0	.2	.1
70.	* .0	.0	.0	.0	.1	.3	.2	.2	.0	.3	.1
75.	* .0	.1	.0	.2	.2	.4	.3	.0	.2	.2	.2
80.	* .1	.1	.1	.2	.2	.2	.3	.0	.3	.3	.2
85.	* .1	.1	.2	.2	.3	.3	.2	.0	.3	.2	.2
90.	* .1	.2	.2	.1	.2	.3	.2	.1	.2	.2	.2
95.	* .1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2
100.	* .2	.2	.2	.1	.3	.3	.2	.1	.2	.2	.2
105.	* .2	.2	.1	.2	.2	.3	.2	.1	.2	.3	.2
110.	* .2	.2	.1	.1	.2	.3	.2	.1	.2	.2	.2
115.	* .2	.2	.1	.2	.2	.2	.3	.0	.2	.3	.2
120.	* .3	.2	.1	.2	.2	.2	.2	.0	.2	.2	.2
125.	* .3	.1	.0	.2	.2	.2	.2	.0	.2	.2	.2
130.	* .1	.1	.1	.2	.2	.2	.2	.0	.2	.2	.2
135.	* .1	.0	.2	.2	.2	.2	.3	.2	.3	.2	.2
140.	* .1	.0	.2	.2	.2	.2	.3	.2	.2	.2	.2
145.	* .1	.1	.2	.2	.2	.2	.3	.1	.2	.2	.2
150.	* .0	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2
155.	* .0	.2	.2	.2	.2	.2	.3	.2	.1	.2	.3
160.	* .1	.2	.2	.2	.2	.3	.2	.0	.2	.3	.2
165.	* .2	.2	.1	.2	.2	.2	.3	.0	.2	.2	.2
170.	* .2	.2	.1	.2	.2	.2	.3	.0	.3	.2	.2
175.	* .2	.1	.2	.2	.2	.2	.3	.0	.3	.2	.2
180.	* .1	.1	.2	.2	.2	.2	.3	.0	.3	.2	.2
185.	* .1	.1	.1	.2	.2	.2	.3	.0	.2	.3	.2
190.	* .1	.0	.0	.2	.2	.3	.3	.1	.3	.2	.2
195.	* .0	.0	.0	.2	.3	.3	.3	.1	.3	.2	.2
200.	* .0	.0	.1	.1	.3	.5	.4	.0	.3	.2	.2
205.	* .0	.1	.1	.1	.2	.3	.4	.0	.4	.2	.2

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB30AM

WIND * CONCENTRATION											
ANGLE * (PPM)											
(DEGR) * REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10		
210.	.0	.0	.1	.1	.2	.3	.2	.0	.4	.1	
215.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0	
220.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	
225.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	
230.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	.3	.2	.2	.2	.3	.5	.4	.2	.4	.3	
DEGR.	120	90	85	75	70	200	200	95	205	80	

THE HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 205 DEGREES FROM REC9 .

1

JOB: S 31 WATERFORD PARK

RUN: WATERFORD PARK NB30AM

PAGE 6

DATE: 12/20/2006 TIME: 14:13:25.82

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)											
* ANGLE (DEGREES)											
LINK #	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	
1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: S 31 WATERFORD PARK

S31NB30P.OUT
 RUN: WATERFORD PARK NB30AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 120	REC2 90	REC3 85	REC4 75	REC5 70	REC6 200	REC7 200	REC8 95	REC9 205	REC10 80
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
55	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0
87	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B130A.DAT

S 31	WATERFORD PARK	B130AM	60.0175.0.0000.000100.30480000	11	1

R29	WATERFRD	SB	ENTR	191113.	640620.	5.		
R30	WATERFRD	SB	ENTR	191043.	640527.	5.		
R31	WATERFRD	SB	ENTR	190974.	640449.	5.		
R32	WATERFRD	SB	ENT	190961.	640327.	5.		
R33	WATERFRD	SB	ENT	191028.	640293.	5.		
R34	WATERFRD	SB	ENT	190986.	640191.	5.		
R35	WATERFRD	SB	ENT	190837.	640102.	5.		
R36	WATERFRD	PARK		190832.	640521.	5.		
R37	WATERFRD	PARK		190916.	640152.	5.		
R38	WATERFRD	PARK	SB	190724.	640091.	5.		
	WATERFORD PARK		B130AM				89	1 1

1								
1	NB	15	AG190860.639818.191068.639999.	4350.	3.7	0.	44.	59
2								
1	NB	15	AG191068.639999.191332.640193.	4350.	3.7	0.	44.	50.4
3								
1	NB	15	AG191332.640193.191857.640571.	4350.	3.7	0.	44.	50.4
4								
1	NB	OFFRAMPAG	191857.640571.191960.640623.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	191960.640623.192030.640626.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192030.640626.192088.640593.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192088.640593.192120.640535.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640535.192120.640486.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640486.192104.640441.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192104.640441.191970.640296.	775.	2.6	0.	32.	30.0
11								
2	NB	OFFRAMPAG	191970.640296.191905.640219.	250.	2.6	0.	32.	30.0
12								
105	NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1			
		83	4.0 250 28.3 1770 2 3					
14								
2	NB	OFFRAMPAG	191970.640296.191878.640271.	525.	2.6	0.	32.	30.0
14								
105	NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1			
		83	4.0 525 28.3 1583 2 3					
15								
1	SB	2ND	ST	AG191905.640219.191845.640144.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191845.640144.191808.640099.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191808.640099.191790.640058.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191790.640058.191779.640011.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.640011.191779.639965.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.639965.191789.639884.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191789.639884.191805.639773.	600.	2.6	0.	32.
22								
1	SB	2ND	ST	AG191805.639773.191855.639481.	600.	2.6	0.	32.
23								
1	NB	15	AG191857.640571.192459.641017.	3775.	3.7	0.	44.	59
24								
1	NB	2ND	ST	AG191873.639485.191811.639835.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191811.639835.191805.639914.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191805.639914.191797.639982.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191797.639982.191809.640061.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191809.640061.191837.640112.	225.	2.6	0.	32.
24								
2	NB	2ND	ST	AG191837.640112.191934.640223.	225.	2.6	0.	32.
30								
105	NB	2ND	ST	AG191902.640185.191872.640151.	0.	12.	1	
		87	4.0 225 28.3 1681 2 3					
31								
1	NB	15	ON	RAG191934.640223.191986.640270.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG191986.640270.192132.640439.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192132.640439.192165.640514.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192165.640514.192184.640621.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192184.640621.192226.640733.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192226.640733.192290.640837.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192290.640837.192329.640883.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192329.640883.192397.640944.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192397.640944.192459.641017.	200.	2.6	0.	32.
40								
1	SB	15	AG192414.641075.191866.640671.	5100.	3.7	0.	44.	59
41								
1	SB	15	AG191866.640671.191396.640337.	5100.	3.7	0.	44.	59
42								
1	SB	15	OFFRAG	191396.640337.191304.640300.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191304.640300.191225.640317.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191225.640317.191185.640352.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191185.640352.191163.640405.	150.	2.6	0.	32.
42								

S31B130A.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12.	1	
65	49	4.0 75 28.3 1308 2 3			
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	75. 2.6	0. 44.	30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24.	2	
65	49	4.0 75 28.3 1583 2 3			
53 ¹	SB 15	AG191396.640337.191282.640244.	4950. 3.7	0. 44.	59
54 ¹	SB 15	AG191282.640244.190930.639988.	4950. 3.7	0. 44.	59
55 ¹	SB 15	AG190930.639988.190811.639884.	6075. 3.7	0. 44.	59
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	375. 2.6	0. 44.	30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	375. 2.6	0. 44.	30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24.	2	
105	83	4.0 375 28.3 1711 2 3			
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	275. 2.6	0. 44.	30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	800. 2.6	0. 44.	30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	800. 2.6	0. 44.	30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24.	2	
65	38	4.0 800 28.3 1731 2 3			
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	850. 2.6	0. 44.	30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	850. 2.6	0. 44.	30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	850. 2.6	0. 44.	30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1775. 2.6	0. 44.	30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	1125. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	1125. 2.6	0. 32.	30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	650. 2.6	0. 44.	30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	650. 2.6	0. 44.	30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24.	2	
65	37	4.0 650 28.3 1763 2 3			
79 ¹	EB ROSE	AG191307.640777.191579.640509.	675. 2.6	0. 44.	30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	1250. 2.6	0. 44.	30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24.	2	
105	58	4.0 1250 28.3 1715 2 3			
80 ¹	EB ROSE	AG191907.640207.192388.639800.	825. 2.6	0. 44.	30
80 ¹	SB 15	AG190810.639884.190461.639523.	6075. 3.7	0. 44.	59
80 ¹	SB 15	AG190461.639524.190212.639214.	6075. 3.7	0. 44.	59
80 ¹	SB 15	AG190212.639214.190004.638912.	6075. 3.7	0. 44.	59
80 ¹	NB 15	AG190860.639817.190678.639647.	4350. 3.7	0. 44.	59
80 ¹	NB 15	AG190678.639647.190434.639378.	4350. 3.7	0. 44.	59
80 ¹	NB 15	AG190434.639378.190212.639090.	4350. 3.7	0. 44.	59
80 ¹	NB 15	AG190212.639090.190063.638865.	4350. 3.7	0. 44.	59
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: S 31 WATERFORD PARK B130AM
DATE: 12/22/2006 TIME: 23:17:25.30

RUN: WATERFORD PARK B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192015.9	640349.6	*	143.	41. AG	60.	100.0	.0	12.0	.93 7.3
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194943.6	641100.2	*	3156.	75. AG	60.	100.0	.0	12.0	2.18 160.3
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3775.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	63.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK B130AM
DATE: 12/22/2006 TIME: 23:17:25.30

RUN: WATERFORD PARK B130AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4950.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4950.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	6075.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192013.0	640137.3	*	85.	131. AG	120.	100.0	.0	24.0	.72 4.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	800.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	800.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191390.4	640711.9	*	83.	133. AG	89.	100.0	.0	24.0	.72 4.2
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	850.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	850.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	850.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1775.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1125.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1125.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1125.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1125.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1125.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1125.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1125.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1125.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1125.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.6	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191230.4	640846.4	*	66.	312. AG	86.	100.0	.0	24.0	.55 3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	675.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1250.	2.6	.0	44.0	

S31B130A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191694.9	640402.2	*	234.	313.	AG	84.	100.0	.0	24.0	.93	11.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	6075.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	6075.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	6075.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4350.	3.7	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK B130AM RUN: WATERFORD PARK B130AM
DATE: 12/22/2006 TIME: 23:17:25.30

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	83	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	105	83	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	105	83	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	38	4.0	800	1731	28.30	2 3
78. 78	EB ROSE Q *	65	37	4.0	650	1763	28.30	2 3
81. 81	EB ROSE Q *	105	58	4.0	1250	1715	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B130AM RUN: WATERFORD PARK B130AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
55.	*	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0
60.	*	.1	.0	.0	.0	.2	.3	.2	.0	.2	.1
65.	*	.1	.0	.0	.2	.2	.3	.3	.0	.3	.2
70.	*	.2	.1	.1	.2	.2	.4	.3	.0	.4	.3
75.	*	.2	.1	.2	.2	.2	.4	.4	.0	.4	.2
80.	*	.3	.2	.1	.2	.3	.4	.4	.0	.4	.3
85.	*	.4	.1	.2	.3	.3	.5	.3	.1	.4	.3
90.	*	.2	.2	.2	.3	.3	.4	.3	.1	.3	.3
95.	*	.2	.2	.2	.2	.3	.4	.3	.2	.3	.3
100.	*	.3	.2	.2	.3	.3	.3	.3	.2	.3	.3
105.	*	.3	.2	.3	.3	.4	.3	.3	.2	.3	.3
110.	*	.3	.2	.2	.3	.3	.3	.4	.1	.3	.3
115.	*	.3	.2	.2	.2	.3	.3	.4	.1	.3	.3
120.	*	.3	.3	.2	.2	.3	.3	.3	.0	.3	.3
125.	*	.2	.2	.1	.2	.3	.3	.3	.1	.3	.2
130.	*	.2	.2	.2	.2	.3	.3	.3	.1	.3	.3
135.	*	.2	.2	.2	.2	.3	.3	.3	.2	.4	.3
140.	*	.2	.1	.2	.2	.3	.3	.3	.2	.3	.3
145.	*	.2	.2	.2	.2	.3	.3	.3	.2	.3	.3
150.	*	.2	.2	.2	.2	.3	.3	.4	.1	.3	.3
155.	*	.1	.2	.2	.2	.3	.4	.3	.1	.3	.3
160.	*	.3	.2	.2	.2	.3	.4	.3	.1	.3	.3
165.	*	.3	.2	.2	.2	.3	.3	.3	.1	.4	.3
170.	*	.3	.2	.1	.2	.4	.3	.3	.0	.3	.3
175.	*	.3	.1	.2	.2	.4	.3	.5	.0	.3	.3
180.	*	.3	.1	.2	.3	.3	.3	.4	.1	.4	.3
185.	*	.1	.2	.3	.3	.3	.4	.4	.1	.5	.4
190.	*	.1	.2	.1	.4	.3	.4	.4	.1	.5	.3
195.	*	.1	.1	.2	.2	.3	.3	.5	.1	.5	.3
200.	*	.1	.1	.1	.2	.4	.5	.4	.1	.4	.4
205.	*	.1	.1	.1	.2	.4	.5	.4	.0	.5	.3

1

JOB: S 31 WATERFORD PARK B130AM

RUN: WATERFORD PARK B130AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10
210.	.1	.1	.1	.1	.2	.5	.4	.0	.5	.2
215.	.1	.1	.1	.1	.2	.5	.3	.0	.5	.2
220.	.0	.0	.0	.1	.1	.4	.2	.0	.2	.0
225.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.4	.3	.3	.4	.4	.5	.5	.2	.5	.4
DEGR.	85	120	105	190	105	85	175	95	185	185

THE HIGHEST CONCENTRATION IS .50 PPM AT 85 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 175 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 185 DEGREES FROM REC9 .

1

JOB: S 31 WATERFORD PARK B130AM
 DATE: 12/22/2006 TIME: 23:17:25.30

RUN: WATERFORD PARK B130AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10
1	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0
2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3	.0	.1	.1	.0	.1	.1	.0	.1	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 7

JOB: S 31 WATERFORD PARK B130AM

S31B130A.OUT
RUN: WATERFORD PARK B130AM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 85	REC2 120	REC3 105	REC4 190	REC5 105	REC6 85	REC7 175	REC8 95	REC9 185	REC10 185
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.1	.1	.2	.0	.0	.1	.0
55	*	.0	.0	.0	.1	.0	.0	.2	.0	.2	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.2
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B130P.DAT

S 31	WATERFORD PARK	B130PM	60.0175.0.0000.000100.30480000	11	1

R29	WATERFRD	SB	ENTR	191113.	640620.	5.		
R30	WATERFRD	SB	ENTR	191043.	640527.	5.		
R31	WATERFRD	SB	ENTR	190974.	640449.	5.		
R32	WATERFRD	SB	ENT	190961.	640327.	5.		
R33	WATERFRD	SB	ENT	191028.	640293.	5.		
R34	WATERFRD	SB	ENT	190986.	640191.	5.		
R35	WATERFRD	SB	ENT	190837.	640102.	5.		
R36	WATERFRD	PARK		190832.	640521.	5.		
R37	WATERFRD	PARK		190916.	640152.	5.		
R38	WATERFRD	PARK	SB	190724.	640091.	5.		
	WATERFORD PARK		B130PM				89	1 1

1								
1	NB	15	AG190860.639818.191068.639999.	6050.	3.7	0.	44.	59
2								
1	NB	15	AG191068.639999.191332.640193.	6050.	3.7	0.	44.	59
3								
1	NB	15	AG191332.640193.191857.640571.	6050.	3.7	0.	44.	59
4								
1	NB	OFFRAMP	AG191857.640571.191960.640623.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG191960.640623.192030.640626.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG192030.640626.192088.640593.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG192088.640593.192120.640535.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG192120.640535.192120.640486.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG192120.640486.192104.640441.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMP	AG192104.640441.191970.640296.	975.	2.6	0.	32.	30.0
11								
2	NB	OFFRAMP	AG191970.640296.191905.640219.	275.	2.6	0.	32.	30.0
12								
145	NB	OFFRAMP	AG191923.640241.191947.640269.	0.	12.		1	
			119 4.0 275 28.3 1770 2 3					
14								
2	NB	OFFRAMP	AG191970.640296.191878.640271.	700.	2.6	0.	32.	30.0
14								
145	NB	OFFRAMP	AG191897.640277.191934.640287.	0.	12.		1	
			119 4.0 700 28.3 1583 2 3					
15								
1	SB	2ND	ST	AG191905.640219.191845.640144.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191845.640144.191808.640099.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191808.640099.191790.640058.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191790.640058.191779.640011.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.640011.191779.639965.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.639965.191789.639884.	200.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191789.639884.191805.639773.	200.	2.6	0.	32.
22								
1	SB	2ND	ST	AG191805.639773.191855.639481.	200.	2.6	0.	32.
23								
1	NB	15	AG191857.640571.192459.641017.	5400.	3.7	0.	44.	59
24								
1	NB	2ND	ST	AG191873.639485.191811.639835.	650.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191811.639835.191805.639914.	650.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191805.639914.191797.639982.	650.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191797.639982.191809.640061.	650.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191809.640061.191837.640112.	650.	2.6	0.	32.
24								
2	NB	2ND	ST	AG191837.640112.191934.640223.	650.	2.6	0.	32.
30								
145	NB	2ND	ST	AG191902.640185.191872.640151.	0.	12.		1
			114 4.0 650 28.3 1680 2 3					
31								
1	NB	15	ON	RAG191934.640223.191986.640270.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG191986.640270.192132.640439.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192132.640439.192165.640514.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192165.640514.192184.640621.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192184.640621.192226.640733.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192226.640733.192290.640837.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192290.640837.192329.640883.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192329.640883.192397.640944.	325.	2.6	0.	32.
31								
1	NB	15	ON	RAG192397.640944.192459.641017.	325.	2.6	0.	32.
40								
1	SB	15	AG192414.641075.191866.640671.	4375.	3.7	0.	44.	59
41								
1	SB	15	AG191866.640671.191396.640337.	4375.	3.7	0.	44.	59
42								
1	SB	15	OFFRAG	191396.640337.191304.640300.	100.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191304.640300.191225.640317.	100.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191225.640317.191185.640352.	100.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191185.640352.191163.640405.	100.	2.6	0.	32.
42								

42		SB	15	OFFRAG191163.640405.191169.640531.	100.	2.6	0.32.	30.0	S31B130P.DAT
42	1	SB	15	OFFRAG191169.640531.191199.640621.	100.	2.6	0.32.	30.0	
42	1	SB	15	OFFRAG191199.640621.191246.640695.	100.	2.6	0.32.	30.0	
42	1	SB	15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.32.	30.0	
50	2	SB15 RAMP	AG191284.640746.191251.640701.	0.12.	1				
90	90		72	4.0 75 28.3 1342 2 3					
51	1	SB	15	OFFRAG191246.640695.191341.640730.	25.	2.6	0.44.	30.0	
52	2	SB15 RAMP	AG191328.640725.191261.640700.	0.24.	2				
90	90		72	4.0 25 28.3 1583 2 3					
53	1	SB	15	AG191396.640337.191282.640244.	4275.	3.7	0.44.	59	
54	1	SB	15	AG191282.640244.190930.639988.	4275.	3.7	0.44.	59	
55	1	SB	15	AG190930.639988.190811.639884.	5300.	3.7	0.44.	59	
56	1	WB	ROSEMONAG192403.639820.192097.640064.	825.	2.6	0.44.	30		
57	1	WB	ROSEMONAG192097.640064.191916.640222.	825.	2.6	0.44.	30		
58	2	WB ROSE Q	AG191949.640193.192034.640119.	0.24.	2				
145	145		109	4.0 825 28.3 1727 2 3					
59	1	WB	ROSEMONAG191916.640222.191878.640271.	275.	2.6	0.44.	30		
60	1	WB	ROSEMONAG191878.640271.191817.640307.	1975.	2.6	0.44.	30		
61	1	WB	ROSEMONAG191817.640307.191306.640792.	1400.	2.6	0.44.	30		
62	2	WB ROSE Q	AG191330.640769.191421.640683.	0.24.	2				
90	90		44	4.0 1400 28.3 1751 2 3					
63	1	WB	ROSEMONAG191306.640792.191144.640951.	1300.	2.6	0.44.	30		
64	1	WB	ROSEMONAG191144.640951.191046.641019.	1300.	2.6	0.44.	30		
65	1	WB	ROSEMONAG191046.641019.190888.641123.	1300.	2.6	0.44.	30		
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1625.	2.6	0.44.	30		
67	1	SB	270 ONRAG190977.641037.191077.640931.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191077.640931.191137.640865.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191137.640865.191176.640783.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191176.640783.191178.640713.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191178.640713.191156.640575.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191156.640575.191108.640301.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191108.640301.191083.640220.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191083.640220.191038.640125.	1025.	2.6	0.32.	30		
67	1	SB	270 ONRAG191038.640125.190930.639988.	1025.	2.6	0.32.	30		
76	1	EB	ROSE AG190977.641037.191115.640951.	750.	2.6	0.44.	30		
77	1	EB	ROSE AG191115.640951.191305.640778.	750.	2.6	0.44.	30		
78	2	eB ROSE Q	AG191279.640802.191187.640886.	0.24.	2				
90	90		58	4.0 750 28.3 1761 2 3					
79	1	EB	ROSE AG191307.640777.191579.640509.	775.	2.6	0.44.	30		
80	1	EB	ROSE AG191579.640509.191907.640207.	900.	2.6	0.44.	30		
81	2	EB ROSE Q	AG191867.640244.191768.640335.	0.24.	2				
145	145		89	4.0 900 28.3 1710 2 3					
80	1	EB	ROSE AG191907.640207.192388.639800.	825.	2.6</				

JOB: S 31 WATERFORD PARK B130PM
DATE: 12/22/2006 TIME: 23:18:03.47

RUN: WATERFORD PARK B130PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	6050.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	6050.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	6050.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192276.2	640653.9	*	543.	41. AG	62.	100.0	.0	12.0	1.13 27.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	197072.8	641675.4	*	5361.	75. AG	62.	100.0	.0	12.0	3.21 272.4
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5400.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640220.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4375.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4375.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK B130PM
DATE: 12/22/2006 TIME: 23:18:03.47

RUN: WATERFORD PARK B130PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4275.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4275.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5300.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1975.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1300.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1300.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1300.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1625.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191191.2	640882.2	*	119.	312. AG	98.	100.0	.0	24.0	.74 6.0
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	775.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	900.	2.6	.0	44.0	

S31B130P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191705.8	640392.2	* 219.	313.	AG	93.	100.0	.0	24.0	.76	11.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	5300.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	5300.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	5300.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	6050.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	6050.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	6050.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	6050.	3.7	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK B130PM RUN: WATERFORD PARK B130PM
 DATE: 12/22/2006 TIME: 23:18:03.47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	119	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	119	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	eB ROSE Q *	90	58	4.0	750	1761	28.30	2 3
81. 81	EB ROSE Q *	145	89	4.0	900	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R29 WATERFRD SB ENTR *	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR *	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR *	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT *	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT *	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT *	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT *	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK *	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK *	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB *	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B130PM RUN: WATERFORD PARK B130PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
60.	* .1	.0	.0	.0	.2	.3	.2	.0	.3	.2	.0
65.	* .1	.0	.0	.2	.3	.4	.4	.0	.3	.2	.0
70.	* .1	.2	.1	.3	.3	.6	.3	.0	.3	.3	.0
75.	* .3	.2	.2	.3	.2	.5	.3	.1	.4	.3	.0
80.	* .3	.2	.3	.2	.4	.5	.4	.1	.3	.3	.0
85.	* .2	.3	.2	.2	.4	.3	.4	.1	.4	.3	.0
90.	* .3	.2	.2	.3	.4	.4	.4	.2	.4	.2	.0
95.	* .3	.2	.2	.2	.4	.4	.4	.2	.4	.2	.0
100.	* .3	.2	.2	.2	.3	.4	.4	.2	.4	.3	.0
105.	* .3	.2	.1	.3	.3	.4	.3	.1	.4	.3	.0
110.	* .3	.2	.2	.3	.3	.4	.4	.1	.4	.4	.0
115.	* .2	.2	.2	.2	.3	.4	.4	.1	.4	.3	.0
120.	* .2	.1	.1	.2	.2	.4	.4	.1	.4	.3	.0
125.	* .2	.2	.3	.2	.2	.4	.2	.1	.3	.2	.0
130.	* .2	.2	.2	.2	.3	.4	.3	.2	.4	.2	.0
135.	* .1	.2	.2	.2	.3	.4	.4	.2	.4	.2	.0
140.	* .1	.2	.2	.2	.3	.4	.4	.2	.4	.2	.0
145.	* .2	.2	.2	.2	.3	.4	.4	.2	.3	.2	.0
150.	* .1	.2	.2	.2	.3	.4	.4	.2	.4	.3	.0
155.	* .2	.2	.2	.2	.2	.4	.4	.2	.4	.4	.0
160.	* .3	.2	.2	.3	.2	.4	.4	.2	.4	.3	.0
165.	* .3	.2	.2	.3	.2	.4	.3	.1	.4	.2	.0
170.	* .3	.2	.3	.2	.3	.4	.4	.1	.4	.2	.0
175.	* .3	.2	.2	.2	.3	.4	.4	.1	.4	.3	.0
180.	* .2	.3	.2	.2	.2	.4	.5	.0	.4	.4	.0
185.	* .3	.2	.2	.3	.2	.5	.3	.1	.4	.4	.0
190.	* .2	.2	.1	.3	.2	.4	.4	.1	.5	.4	.0
195.	* .2	.1	.2	.4	.4	.4	.5	.1	.5	.3	.0
200.	* .0	.1	.1	.3	.5	.5	.4	.1	.4	.4	.0
205.	* .1	.1	.1	.3	.6	.6	.4	.0	.5	.4	.0

1

JOB: S 31 WATERFORD PARK B130PM

RUN: WATERFORD PARK B130PM

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.1	.1	.1	.2	.4	.4	.5	.0	.5	.2
215.	.0	.0	.0	.1	.3	.4	.3	.0	.4	.1
220.	.0	.0	.0	.1	.1	.3	.2	.0	.2	.0
225.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.3	.3	.4	.6	.6	.5	.2	.5	.4
DEGR.	75	85	80	195	205	70	180	90	190	110

THE HIGHEST CONCENTRATION IS .60 PPM AT 205 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 70 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC7 .

1

JOB: S 31 WATERFORD PARK B130PM
 DATE: 12/22/2006 TIME: 23:18:03.47

RUN: WATERFORD PARK B130PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 75	REC2 85	REC3 80	REC4 195	REC5 205	REC6 70	REC7 180	REC8 90	REC9 190	REC10 110
1	.0	.0	.0	.1	.1	.0	.1	.0	.1	.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.0	.1	.1	.0	.0	.2	.0	.1	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.1	.1	.0	.0	.1	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 31 WATERFORD PARK B130PM

S31B130P.OUT
RUN: WATERFORD PARK B130PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
		75	85	80	195	205	70	180	90	190	110
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
55	*	.0	.0	.0	.1	.1	.0	.2	.0	.2	.1
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.1	.1	.0	.1	.0	.1	.0
87	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B230A.DAT

S 31	WATERFORD PARK	B230AM	60.0175.0.0000.000100.30480000	11	1

R29	WATERFRD	SB	ENTR	191113.	640620.	5.		
R30	WATERFRD	SB	ENTR	191043.	640527.	5.		
R31	WATERFRD	SB	ENTR	190974.	640449.	5.		
R32	WATERFRD	SB	ENT	190961.	640327.	5.		
R33	WATERFRD	SB	ENT	191028.	640293.	5.		
R34	WATERFRD	SB	ENT	190986.	640191.	5.		
R35	WATERFRD	SB	ENT	190837.	640102.	5.		
R36	WATERFRD	PARK		190832.	640521.	5.		
R37	WATERFRD	PARK		190916.	640152.	5.		
R38	WATERFRD	PARK	SB	190724.	640091.	5.		
	WATERFORD PARK		B230AM				89	1 1

1								
1	NB	15	AG190860.639818.191068.639999.	3750.	3.7	0.	44.	59
2								
1	NB	15	AG191068.639999.191332.640193.	3750.	3.7	0.	44.	59
3								
1	NB	15	AG191332.640193.191857.640571.	3750.	3.7	0.	44.	59
4								
1	NB	OFFRAMPAG	191857.640571.191960.640623.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	191960.640623.192030.640626.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192030.640626.192088.640593.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192088.640593.192120.640535.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640535.192120.640486.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640486.192104.640441.	775.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192104.640441.191970.640296.	775.	2.6	0.	32.	30.0
11								
2	NB	OFFRAMPAG	191970.640296.191905.640219.	250.	2.6	0.	32.	30.0
12								
125	NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1			
		101	4.0 250 28.3 1770 2 3					
14								
2	NB	OFFRAMPAG	191970.640296.191878.640271.	525.	2.6	0.	32.	30.0
14								
125	NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1			
		101	4.0 525 28.3 1583 2 3					
15								
1	SB	2ND	ST	AG191905.640219.191845.640144.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191845.640144.191808.640099.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191808.640099.191790.640058.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191790.640058.191779.640011.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.640011.191779.639965.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191779.639965.191789.639884.	600.	2.6	0.	32.
15								
1	SB	2ND	ST	AG191789.639884.191805.639773.	600.	2.6	0.	32.
22								
1	SB	2ND	ST	AG191805.639773.191855.639481.	600.	2.6	0.	32.
23								
1	NB	15	AG191857.640571.192459.641017.	3750.	3.7	0.	44.	59
24								
1	NB	2ND	ST	AG191873.639485.191811.639835.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191811.639835.191805.639914.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191805.639914.191797.639982.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191797.639982.191809.640061.	225.	2.6	0.	32.
24								
1	NB	2ND	ST	AG191809.640061.191837.640112.	225.	2.6	0.	32.
24								
2	NB	2ND	ST	AG191837.640112.191934.640223.	225.	2.6	0.	32.
30								
125	NB	2ND	ST	AG191902.640185.191872.640151.	0.	12.	1	
		106	4.0 225 28.3 1681 2 3					
31								
1	NB	15	ON	RAG191934.640223.191986.640270.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG191986.640270.192132.640439.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192132.640439.192165.640514.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192165.640514.192184.640621.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192184.640621.192226.640733.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192226.640733.192290.640837.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192290.640837.192329.640883.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192329.640883.192397.640944.	200.	2.6	0.	32.
31								
1	NB	15	ON	RAG192397.640944.192459.641017.	200.	2.6	0.	32.
40								
1	SB	15	AG192414.641075.191866.640671.	5100.	3.7	0.	44.	59
41								
1	SB	15	AG191866.640671.191396.640337.	5100.	3.7	0.	44.	59
42								
1	SB	15	OFFRAG	191396.640337.191304.640300.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191304.640300.191225.640317.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191225.640317.191185.640352.	150.	2.6	0.	32.
42								
1	SB	15	OFFRAG	191185.640352.191163.640405.	150.	2.6	0.	32.
42								

S31B230A.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	150. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12.	1	
65	49	4.0 75 28.3 1308 2 3			
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	75. 2.6	0. 44.	30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24.	2	
65	49	4.0 75 28.3 1583 2 3			
53 ¹	SB 15	AG191396.640337.191282.640244.	4100. 3.7	0. 44.	59
54 ¹	SB 15	AG191282.640244.190930.639988.	4100. 3.7	0. 44.	59
55 ¹	SB 15	AG190930.639988.190811.639884.	5100. 3.7	0. 44.	59
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	375. 2.6	0. 44.	30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	375. 2.6	0. 44.	30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24.	2	
125	103	4.0 375 28.3 1711 2 3			
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	375. 2.6	0. 44.	30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	950. 2.6	0. 44.	30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	950. 2.6	0. 44.	30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24.	2	
65	39	4.0 950 28.3 1733 2 3			
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	875. 2.6	0. 44.	30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	875. 2.6	0. 44.	30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	875. 2.6	0. 44.	30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1675. 2.6	0. 44.	30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	1000. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	1000. 2.6	0. 32.	30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	750. 2.6	0. 44.	30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	750. 2.6	0. 44.	30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24.	2	
65	26	4.0 750 28.3 1764 2 3			
79 ¹	EB ROSE	AG191307.640777.191579.640509.	750. 2.6	0. 44.	30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	1350. 2.6	0. 44.	30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24.	2	
125	61	4.0 1350 28.3 1716 2 3			
80 ¹	EB ROSE	AG191907.640207.192388.639800.	925. 2.6	0. 44.	30
80 ¹	SB 15	AG190810.639884.190461.639523.	5100. 3.7	0. 44.	59
80 ¹	SB 15	AG190461.639524.190212.639214.	5100. 3.7	0. 44.	59
80 ¹	SB 15	AG190212.639214.190004.638912.	5100. 3.7	0. 44.	59
80 ¹	NB 15	AG190860.639817.190678.639647.	3750. 3.7	0. 44.	59
80 ¹	NB 15	AG190678.639647.190434.639378.	3750. 3.7	0. 44.	59
80 ¹	NB 15	AG190434.639378.190212.639090.	3750. 3.7	0. 44.	59
80 ¹	NB 15	AG190212.639090.190063.638865.	3750. 3.7	0. 44.	59
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: S 31 WATERFORD PARK B230AM
DATE: 12/27/2006 TIME: 14:14:22.51

RUN: WATERFORD PARK B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	NB 15	*	190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3750.	3.7	.0	44.0	
2. 2	NB 15	*	191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3750.	3.7	.0	44.0	
3. 3	NB 15	*	191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3750.	3.7	.0	44.0	
4. 4	NB OFFRAMP*		191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*		191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*		192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*		192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*		192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*		192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*		192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*		191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *		191923.0	640241.0	192043.9	640382.3	*	186.	41. AG	61.	100.0	.0	12.0	.98 9.4
13. 14	NB OFFRAMP*		191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *		191897.0	640277.0	195126.7	641149.6	*	3345.	75. AG	61.	100.0	.0	12.0	2.31 170.0
15. 15	SB 2ND ST	*	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST	*	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST	*	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST	*	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST	*	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST	*	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST	*	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST	*	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	*	191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3750.	3.7	.0	44.0	
24. 24	NB 2ND ST	*	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST	*	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST	*	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST	*	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST	*	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST	*	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST	*	191902.0	640185.0	191443.2	639665.3	*	693.	221. AG	64.	100.0	.0	12.0	1.29 35.2
31. 31	NB 15 ON R*		191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*		191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*		192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*		192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*		192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*		192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*		192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*		192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*		192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	*	192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	*	191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*		191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*		191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*		191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK B230AM
DATE: 12/27/2006 TIME: 14:14:22.51

RUN: WATERFORD PARK B230AM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
45. 42	SB 15 OFFR*		191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*		191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*		191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*		191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*		191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *		191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*		191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *		191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	*	191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4100.	3.7	.0	44.0	
54. 54	SB 15	*	191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4100.	3.7	.0	44.0	
55. 55	SB 15	*	190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5100.	3.7	.0	44.0	
56. 56	WB ROSEMON*		192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMON*		192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q	*	191949.0	640193.0	192036.5	640116.9	*	116.	131. AG	125.	100.0	.0	24.0	.85 5.9
59. 59	WB ROSEMON*		191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	375.	2.6	.0	44.0	
60. 60	WB ROSEMON*		191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	950.	2.6	.0	44.0	
61. 61	WB ROSEMON*		191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	950.	2.6	.0	44.0	
62. 62	WB ROSE Q *		191330.0	640769.0	191420.8	640683.2	*	125.	133. AG	91.	100.0	.0	24.0	.89 6.3
63. 63	WB ROSEMON*		191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	875.	2.6	.0	44.0	
64. 64	WB ROSEMON*		191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	875.	2.6	.0	44.0	
65. 65	WB ROSEMON*		191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	875.	2.6	.0	44.0	
66. 66	EB ROSEMON*		190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*		190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1000.	2.6	.0	32.0	
68. 67	SB 270 ONR*		191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1000.	2.6	.0	32.0	
69. 67	SB 270 ONR*		191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1000.	2.6	.0	32.0	
70. 67	SB 270 ONR*		191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1000.	2.6	.0	32.0	
71. 67	SB 270 ONR*		191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1000.	2.6	.0	32.0	
72. 67	SB 270 ONR*		191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1000.	2.6	.0	32.0	
73. 67	SB 270 ONR*		191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1000.	2.6	.0	32.0	
74. 67	SB 270 ONR*		191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1000.	2.6	.0	32.0	
75. 67	SB 270 ONR*		191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1000.	2.6	.0	32.0	
76. 76	EB ROSE	*	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	*	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q	*	191279.0	640802.0	191239.6	640838.0	*	53.	312. AG	61.	100.0	.0	24.0	.42 2.7
79. 79	EB ROSE	*	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	750.	2.6	.0	44.0	
80. 80	EB ROSE	*	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1350.	2.6	.0	44.0	

S31B230A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191701.2	640396.4	*	225.	313.	AG	74.	100.0	.0	24.0	.85	11.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	5100.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	5100.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	5100.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3750.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3750.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3750.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3750.	3.7	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK B230AM RUN: WATERFORD PARK B230AM
DATE: 12/27/2006 TIME: 14:14:22.51

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	125	101	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	125	101	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	125	106	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	125	103	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	39	4.0	950	1733	28.30	2 3
78. 78	EB ROSE Q *	65	26	4.0	750	1764	28.30	2 3
81. 81	EB ROSE Q *	125	61	4.0	1350	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B230AM RUN: WATERFORD PARK B230AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0
55.	*	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0
60.	*	.1	.0	.0	.0	.2	.3	.1	.0	.2	.1
65.	*	.1	.0	.0	.2	.2	.2	.3	.0	.2	.2
70.	*	.2	.1	.1	.2	.2	.4	.3	.0	.3	.3
75.	*	.2	.1	.2	.2	.2	.4	.3	.0	.3	.2
80.	*	.3	.2	.1	.2	.3	.4	.4	.0	.3	.3
85.	*	.4	.1	.2	.2	.3	.3	.3	.1	.4	.2
90.	*	.2	.2	.2	.3	.3	.4	.3	.1	.3	.2
95.	*	.2	.2	.2	.2	.3	.3	.3	.2	.3	.2
100.	*	.3	.2	.2	.2	.3	.3	.3	.2	.3	.2
105.	*	.3	.2	.2	.2	.2	.3	.3	.2	.3	.1
110.	*	.2	.2	.2	.1	.2	.3	.3	.1	.3	.3
115.	*	.2	.2	.2	.2	.2	.3	.4	.0	.3	.3
120.	*	.2	.2	.1	.2	.2	.3	.3	.0	.3	.3
125.	*	.2	.2	.0	.2	.2	.3	.2	.0	.3	.2
130.	*	.2	.2	.1	.2	.2	.3	.2	.1	.3	.2
135.	*	.2	.0	.2	.2	.2	.3	.3	.1	.4	.2
140.	*	.1	.0	.2	.2	.2	.3	.3	.2	.3	.2
145.	*	.1	.1	.2	.2	.2	.3	.3	.1	.3	.2
150.	*	.0	.2	.2	.2	.2	.3	.2	.1	.3	.2
155.	*	.1	.2	.2	.2	.2	.4	.3	.1	.3	.3
160.	*	.2	.2	.2	.1	.2	.3	.3	.1	.2	.3
165.	*	.3	.2	.1	.2	.2	.3	.3	.0	.3	.2
170.	*	.3	.2	.1	.2	.2	.3	.3	.0	.3	.2
175.	*	.3	.1	.1	.2	.2	.3	.4	.0	.3	.3
180.	*	.1	.1	.2	.2	.2	.3	.4	.0	.3	.3
185.	*	.1	.1	.2	.3	.2	.4	.3	.1	.3	.3
190.	*	.1	.1	.0	.2	.2	.3	.3	.1	.5	.3
195.	*	.1	.0	.1	.2	.3	.3	.4	.1	.4	.3
200.	*	.0	.1	.1	.2	.4	.5	.4	.1	.3	.3
205.	*	.1	.1	.1	.1	.2	.4	.3	.0	.4	.2

1

JOB: S 31 WATERFORD PARK B230AM

RUN: WATERFORD PARK B230AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.1	.1	.1	.1	.2	.3	.4	.0	.4	.2
215.	.0	.0	.0	.1	.2	.2	.2	.0	.2	.1
220.	.0	.0	.0	.1	.1	.2	.1	.0	.1	.0
225.	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.4	.2	.2	.3	.4	.5	.4	.2	.5	.3
DEGR.	85	80	75	90	200	200	80	95	190	70

THE HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 190 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 85 DEGREES FROM REC1 .

1

JOB: S 31 WATERFORD PARK B230AM
 DATE: 12/27/2006 TIME: 14:14:22.51

RUN: WATERFORD PARK B230AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 85	REC2 80	REC3 75	REC4 90	REC5 200	REC6 200	REC7 80	REC8 95	REC9 190	REC10 70
1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
41	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1 85	REC2 80	REC3 75	REC4 90	REC5 200	REC6 200	REC7 80	REC8 95	REC9 190	REC10 70
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1
55	*	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S31B230P.DAT

S 31	WATERFORD PARK	B230PM	60.0175.0.0000.000100.30480000	11	1

R29	WATERFRD	SB	ENTR	191113.	640620.	5.		
R30	WATERFRD	SB	ENTR	191043.	640527.	5.		
R31	WATERFRD	SB	ENTR	190974.	640449.	5.		
R32	WATERFRD	SB	ENT	190961.	640327.	5.		
R33	WATERFRD	SB	ENT	191028.	640293.	5.		
R34	WATERFRD	SB	ENT	190986.	640191.	5.		
R35	WATERFRD	SB	ENT	190837.	640102.	5.		
R36	WATERFRD	PARK		190832.	640521.	5.		
R37	WATERFRD	PARK		190916.	640152.	5.		
R38	WATERFRD	PARK	SB	190724.	640091.	5.		
	WATERFORD PARK		B230PM			89	1	1

1								
1	NB	15	AG190860.639818.191068.639999.	5350.	3.7	0.	44.	59
2								
1	NB	15	AG191068.639999.191332.640193.	5350.	3.7	0.	44.	59
3								
1	NB	15	AG191332.640193.191857.640571.	5350.	3.7	0.	44.	59
4								
1	NB	OFFRAMPAG	191857.640571.191960.640623.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	191960.640623.192030.640626.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192030.640626.192088.640593.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192088.640593.192120.640535.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640535.192120.640486.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192120.640486.192104.640441.	975.	2.6	0.	32.	30.0
4								
1	NB	OFFRAMPAG	192104.640441.191970.640296.	975.	2.6	0.	32.	30.0
11								
2	NB	OFFRAMPAG	191970.640296.191905.640219.	275.	2.6	0.	32.	30.0
12								
145	NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1			
		118	4.0 275 28.3 1770 2 3					
14								
2	NB	OFFRAMPAG	191970.640296.191878.640271.	700.	2.6	0.	32.	30.0
14								
145	NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1			
		118	4.0 700 28.3 1583 2 3					
15								
1	SB	2ND ST	AG191905.640219.191845.640144.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191845.640144.191808.640099.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191808.640099.191790.640058.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191790.640058.191779.640011.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191779.640011.191779.639965.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191779.639965.191789.639884.	200.	2.6	0.	32.	30.0
15								
1	SB	2ND ST	AG191789.639884.191805.639773.	200.	2.6	0.	32.	30.0
22								
1	SB	2ND ST	AG191805.639773.191855.639481.	200.	2.6	0.	32.	30.0
23								
1	NB	15	AG191857.640571.192459.641017.	5350.	3.7	0.	44.	59
24								
1	NB	2ND ST	AG191873.639485.191811.639835.	650.	2.6	0.	32.	30.0
24								
1	NB	2ND ST	AG191811.639835.191805.639914.	650.	2.6	0.	32.	30.0
24								
1	NB	2ND ST	AG191805.639914.191797.639982.	650.	2.6	0.	32.	30.0
24								
1	NB	2ND ST	AG191797.639982.191809.640061.	650.	2.6	0.	32.	30.0
24								
1	NB	2ND ST	AG191809.640061.191837.640112.	650.	2.6	0.	32.	30.0
24								
2	NB	2ND ST	AG191837.640112.191934.640223.	650.	2.6	0.	32.	30.0
30								
145	NB	2ND ST	AG191902.640185.191872.640151.	0.	12.	1		
		114	4.0 650 28.3 1680 2 3					
31								
1	NB	15	ON RAG191934.640223.191986.640270.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG191986.640270.192132.640439.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192132.640439.192165.640514.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192165.640514.192184.640621.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192184.640621.192226.640733.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192226.640733.192290.640837.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192290.640837.192329.640883.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192329.640883.192397.640944.	325.	2.6	0.	32.	30.0
31								
1	NB	15	ON RAG192397.640944.192459.641017.	325.	2.6	0.	32.	30.0
40								
1	SB	15	AG192414.641075.191866.640671.	4350.	3.7	0.	44.	59
41								
1	SB	15	AG191866.640671.191396.640337.	4350.	3.7	0.	44.	59
42								
1	SB	15	OFFRAG191396.640337.191304.640300.	100.	2.6	0.	32.	30.0
42								
1	SB	15	OFFRAG191304.640300.191225.640317.	100.	2.6	0.	32.	30.0
42								
1	SB	15	OFFRAG191225.640317.191185.640352.	100.	2.6	0.	32.	30.0
42								
1	SB	15	OFFRAG191185.640352.191163.640405.	100.	2.6	0.	32.	30.0

S31B230P.DAT

42	SB 15	OFFRAG191163.640405.191169.640531.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191169.640531.191199.640621.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191199.640621.191246.640695.	100. 2.6	0. 32.	30.0
42 ¹	SB 15	OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50 ²	SB15 RAMP	AG191284.640746.191251.640701.	0. 12.	1	
90	72	4.0 75 28.3 1342 2 3			
51 ¹	SB 15	OFFRAG191246.640695.191341.640730.	25. 2.6	0. 44.	30.0
52 ²	SB15 RAMP	AG191328.640725.191261.640700.	0. 24.	2	
90	72	4.0 25 28.3 1583 2 3			
53 ¹	SB 15	AG191396.640337.191282.640244.	3325. 3.7	0. 44.	59
54 ¹	SB 15	AG191282.640244.190930.639988.	3325. 3.7	0. 44.	59
55 ¹	SB 15	AG190930.639988.190811.639884.	4350. 3.7	0. 44.	59
56 ¹	WB ROSEMONAG	192403.639820.192097.640064.	825. 2.6	0. 44.	30
57 ¹	WB ROSEMONAG	192097.640064.191916.640222.	825. 2.6	0. 44.	30
58 ²	WB ROSE Q	AG191949.640193.192034.640119.	0. 24.	2	
145	109	4.0 825 28.3 1727 2 3			
59 ¹	WB ROSEMONAG	191916.640222.191878.640271.	825. 2.6	0. 44.	30
60 ¹	WB ROSEMONAG	191878.640271.191817.640307.	1400. 2.6	0. 44.	30
61 ¹	WB ROSEMONAG	191817.640307.191306.640792.	1400. 2.6	0. 44.	30
62 ²	WB ROSE Q	AG191330.640769.191421.640683.	0. 24.	2	
90	44	4.0 1400 28.3 1751 2 3			
63 ¹	WB ROSEMONAG	191306.640792.191144.640951.	1400. 2.6	0. 44.	30
64 ¹	WB ROSEMONAG	191144.640951.191046.641019.	1400. 2.6	0. 44.	30
65 ¹	WB ROSEMONAG	191046.641019.190888.641123.	1400. 2.6	0. 44.	30
66 ¹	EB ROSEMONAG	190873.641107.190977.641037.	1675. 2.6	0. 44.	30
67 ¹	SB 270	ONRAG190977.641037.191077.640931.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191077.640931.191137.640865.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191137.640865.191176.640783.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191176.640783.191178.640713.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191178.640713.191156.640575.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191156.640575.191108.640301.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191108.640301.191083.640220.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191083.640220.191038.640125.	1025. 2.6	0. 32.	30
67 ¹	SB 270	ONRAG191038.640125.190930.639988.	1025. 2.6	0. 32.	30
76 ¹	EB ROSE	AG190977.641037.191115.640951.	725. 2.6	0. 44.	30
77 ¹	EB ROSE	AG191115.640951.191305.640778.	725. 2.6	0. 44.	30
78 ²	eB ROSE Q	AG191279.640802.191187.640886.	0. 24.	2	
90	58	4.0 725 28.3 1761 2 3			
79 ¹	EB ROSE	AG191307.640777.191579.640509.	725. 2.6	0. 44.	30
80 ¹	EB ROSE	AG191579.640509.191907.640207.	875. 2.6	0. 44.	30
81 ²	EB ROSE Q	AG191867.640244.191768.640335.	0. 24.	2	
145	90	4.0 875 28.3 1710 2 3			
80 ¹	EB ROSE	AG191907.640207.192388.639800.	800. 2.6	0. 44.	30
80 ¹	SB 15	AG190810.639884.190461.639523.	4350. 3.7	0.44.0	59
80 ¹	SB 15	AG190461.639524.190212.639214.	4350. 3.7	0.44.0	59
80 ¹	SB 15	AG190212.639214.190004.638912.	4350. 3.7	0.44.0	59
80 ¹	NB 15	AG190860.639817.190678.639647.	5350. 3.7	0.44.0	59
80 ¹	NB 15	AG190678.639647.190434.639378.	5350. 3.7	0.44.0	59
80 ¹	NB 15	AG190434.639378.190212.639090.	5350. 3.7	0.44.0	59
80 ¹	NB 15	AG190212.639090.190063.638865.	5350. 3.7	0.44.0	59
1.0	0.4 1000. 0.0Y	5 0 72			

JOB: S 31 WATERFORD PARK B230PM
DATE: 12/27/2006 TIME: 14:15:43.19

RUN: WATERFORD PARK B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	5350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	5350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	5350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192197.4	640561.7	*	422.	41. AG	62.	100.0	.0	12.0	1.07 21.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	196960.2	641645.0	*	5245.	75. AG	62.	100.0	.0	12.0	3.06 266.4
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5350.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4350.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4350.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S 31 WATERFORD PARK B230PM
DATE: 12/27/2006 TIME: 14:15:43.19

RUN: WATERFORD PARK B230PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4350.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	825.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1400.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1400.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1400.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1400.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	725.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	725.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191194.2	640879.4	*	115.	312. AG	98.	100.0	.0	24.0	.71 5.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	875.	2.6	.0	44.0	

S31B230P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.6	* 215.	313.	AG	94.	100.0	.0	24.0	.76	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	800.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	4350.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	4350.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	4350.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	5350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	5350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	5350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	5350.	3.7	.0	44.0		

1

PAGE 3

JOB: S 31 WATERFORD PARK B230PM RUN: WATERFORD PARK B230PM
DATE: 12/27/2006 TIME: 14:15:43.19

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	118	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	118	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	eB ROSE Q *	90	58	4.0	725	1761	28.30	2 3
81. 81	EB ROSE Q *	145	90	4.0	875	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R29 WATERFRD SB ENTR	*	191113.0	640620.0	5.0	*
2. R30 WATERFRD SB ENTR	*	191043.0	640527.0	5.0	*
3. R31 WATERFRD SB ENTR	*	190974.0	640449.0	5.0	*
4. R32 WATERFRD SB ENT	*	190961.0	640327.0	5.0	*
5. R33 WATERFRD SB ENT	*	191028.0	640293.0	5.0	*
6. R34 WATERFRD SB ENT	*	190986.0	640191.0	5.0	*
7. R35 WATERFRD SB ENT	*	190837.0	640102.0	5.0	*
8. R36 WATERFRD PARK	*	190832.0	640521.0	5.0	*
9. R37 WATERFRD PARK	*	190916.0	640152.0	5.0	*
10. R38 WATERFRD PARK SB	*	190724.0	640091.0	5.0	*

1

PAGE 4

JOB: S 31 WATERFORD PARK B230PM RUN: WATERFORD PARK B230PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0
60.	* .1	.0	.0	.0	.2	.3	.2	.0	.3	.1	.0
65.	* .1	.0	.0	.2	.3	.3	.3	.0	.3	.2	.0
70.	* .1	.2	.1	.3	.3	.3	.3	.0	.3	.2	.0
75.	* .3	.2	.2	.3	.2	.5	.3	.1	.3	.3	.0
80.	* .3	.2	.3	.2	.2	.2	.3	.1	.3	.3	.0
85.	* .2	.3	.2	.2	.4	.3	.3	.1	.3	.3	.0
90.	* .3	.2	.2	.2	.3	.3	.2	.2	.3	.2	.0
95.	* .3	.2	.2	.1	.2	.3	.3	.2	.3	.2	.0
100.	* .3	.2	.2	.1	.3	.3	.2	.2	.3	.2	.0
105.	* .3	.2	.1	.2	.3	.4	.2	.1	.3	.3	.0
110.	* .3	.2	.1	.3	.3	.3	.3	.1	.3	.2	.0
115.	* .2	.2	.1	.2	.2	.3	.3	.1	.3	.3	.0
120.	* .2	.1	.1	.2	.2	.3	.3	.1	.2	.2	.0
125.	* .2	.1	.2	.2	.2	.3	.2	.0	.2	.2	.0
130.	* .2	.1	.2	.2	.2	.3	.2	.1	.3	.2	.0
135.	* .1	.1	.2	.2	.2	.3	.3	.2	.3	.2	.0
140.	* .1	.1	.2	.2	.2	.3	.4	.2	.3	.2	.0
145.	* .1	.1	.2	.2	.2	.2	.4	.2	.2	.2	.0
150.	* .1	.2	.2	.2	.2	.3	.3	.2	.2	.3	.0
155.	* .2	.2	.2	.2	.2	.3	.2	.1	.2	.4	.0
160.	* .2	.2	.2	.3	.2	.3	.3	.1	.3	.3	.0
165.	* .3	.2	.2	.3	.2	.2	.3	.1	.3	.2	.0
170.	* .3	.2	.2	.2	.3	.2	.4	.1	.4	.2	.0
175.	* .3	.2	.2	.2	.3	.3	.4	.1	.4	.2	.0
180.	* .2	.2	.2	.2	.2	.3	.4	.0	.3	.2	.0
185.	* .1	.2	.1	.3	.2	.3	.3	.1	.3	.3	.0
190.	* .2	.1	.1	.3	.2	.4	.3	.1	.3	.3	.0
195.	* .1	.1	.1	.4	.3	.4	.5	.1	.4	.2	.0
200.	* .0	.0	.1	.3	.4	.5	.4	.0	.4	.2	.0
205.	* .0	.1	.1	.3	.4	.5	.4	.0	.4	.3	.0

1

JOB: S 31 WATERFORD PARK B230PM

RUN: WATERFORD PARK B230PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
210.	.0	.1	.1	.1	.4	.4	.3	.0	.4	.2
215.	.0	.0	.0	.1	.1	.4	.2	.0	.2	.0
220.	.0	.0	.0	.0	.1	.2	.1	.0	.1	.0
225.	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
230.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.3	.3	.3	.4	.4	.5	.5	.2	.4	.4
DEGR.	75	85	80	195	85	75	195	90	170	155

THE HIGHEST CONCENTRATION IS .50 PPM AT 75 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 195 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 195 DEGREES FROM REC4 .

1

JOB: S 31 WATERFORD PARK B230PM
 DATE: 12/27/2006 TIME: 14:15:43.19

RUN: WATERFORD PARK B230PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)									
	REC1 75	REC2 85	REC3 80	REC4 195	REC5 85	REC6 75	REC7 195	REC8 90	REC9 170	REC10 155
1	.0	.0	.0	.1	.0	.0	.0	.0	.2	.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.1	.1	.0	.2	.2	.0	.1	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.1	.1	.0	.1	.1	.0	.1	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 7

JOB: S 31 WATERFORD PARK B230PM

S31B230P.OUT
RUN: WATERFORD PARK B230PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)									
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
		75	85	80	195	85	75	195	90	170	155
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
55	*	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.1	.0	.0	.2	.0	.0	.1
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1
87	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Site 32 Fairfield Park

										S32EXAM.DAT		
										60.0175.0.0000.000190.30480000	11	1
S 32 FAIRFIELD PARK												
R44 FAIRFIELD PARK	190274.	639079.	5.									
R45 FAIRFIELD PARK	190375.	639222.	5.									
R46 FAIRFIELD PARK	190467.	639339.	5.									
R47 FAIRFIELD PARK	190581.	639473.	5.									
R48 FAIRFIELD PARK	190726.	639624.	5.									
R49 FAIRFIELD PARK	190848.	639754.	5.									
R50 FAIRFIELD PARK	190942.	639845.	5.									
R51 RES FAIRFIELD PA	190945.	639379.	5.									
R55 BALLFIELD FAIRFI	190691.	639375.	5.									
R56 BALLFIELD FAIRFI	190607.	639267.	5.									
R54 RES FAIRFIELD PA	190868.	639277.	5.									
R55 RES FAIRFIELD PA	190819.	639611.	5.									
R56 RES FAIRFIELD P	190987.	639634.	5.									
R57 RES FAIRFIELD P	191134.	639765.	5.									
R58 RES FAIRFIELD P	190787.	639175.	5.									
R59 RES FAIRFIELD P	190707.	639057.	5.									
R60 RES FAIRFIELD P	190616.	638923.	5.									
R61 RES FAIRFIELD P	190514.	638783.	5.									
R62 RES FAIRFIELD P	191275.	639813.	5.									
FAIRFIELD PARK	1998 AM		89	1	1							
1												
1	NB 15	AG190860.639818.191068.639999.	3097. 3.5	0. 44.	50.4							
2	NB 15	AG191068.639999.191332.640193.	3097. 3.5	0. 44.	50.4							
3	NB 15	AG191332.640193.191857.640571.	3097. 3.5	0. 44.	50.4							
4	NB OFFRAMPAG	191857.640571.191960.640623.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	191960.640623.192030.640626.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	192030.640626.192088.640593.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	192088.640593.192120.640535.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	192120.640535.192120.640486.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	192120.640486.192104.640441.	363. 2.6	0. 32.	30.0							
4	NB OFFRAMPAG	192104.640441.191970.640296.	363. 2.6	0. 32.	30.0							
11	NB OFFRAMPAG	191970.640296.191905.640219.	109. 2.6	0. 32.	30.0							
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1								
102	81	4.0 109 28.3 1770 2 3										
14	NB OFFRAMPAG	191970.640296.191878.640271.	254. 2.6	0. 32.	30.0							
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1								
102	81	4.0 1 28.3 1750 2 3										
15	SB 2ND ST	AG191905.640219.191845.640144.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191845.640144.191808.640099.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191808.640099.191790.640058.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191790.640058.191779.640011.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191779.640011.191779.639965.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191779.639965.191789.639884.	540. 2.6	0. 32.	30.0							
15	SB 2ND ST	AG191789.639884.191805.639773.	540. 2.6	0. 32.	30.0							
22	SB 2ND ST	AG191805.639773.191855.639481.	540. 2.6	0. 32.	30.0							
23	NB 15	AG191857.640571.192459.641017.	2734. 3.4	0. 44.	54.1							
24	NB 2ND ST	AG191873.639485.191811.639835.	227. 2.6	0. 32.	30.0							
24	NB 2ND ST	AG191811.639835.191805.639914.	227. 2.6	0. 32.	30.0							
24	NB 2ND ST	AG191805.639914.191797.639982.	227. 2.6	0. 32.	30.0							
24	NB 2ND ST	AG191797.639982.191809.640061.	227. 2.6	0. 32.	30.0							
24	NB 2ND ST	AG191809.640061.191837.640112.	227. 2.6	0. 32.	30.0							
24	NB 2ND ST	AG191837.640112.191934.640223.	227. 2.6	0. 32.	30.0							
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1								
102	81	4.0 216 28.3 1688 2 3										
31	NB 15 ON	RAG191934.640223.191986.640270.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG191986.640270.192132.640439.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192132.640439.192165.640514.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192165.640514.192184.640621.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192184.640621.192226.640733.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192226.640733.192290.640837.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192290.640837.192329.640883.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192329.640883.192397.640944.	212. 2.6	0. 32.	30.0							
31	NB 15 ON	RAG192397.640944.192459.641017.	212. 2.6	0. 32.	30.0							
40	SB 15	AG192414.641075.191866.640671.	3233. 3.5	0. 44.	53.1							
41	SB 15	AG191866.640671.191396.640337.	3233. 3.5	0. 44.	53.1							

41	1	SB 15 OFFRAG191396.640337.191304.640300.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	164.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	76.2.6	0.32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701.	0.12.	1	
	32	15 4.0 76 28.3 1770 2 3			
51	1	SB 15 OFFRAG191246.640695.191341.640730.	88.2.6	0.32.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700.	0.12.	1	
	90	15 4.0 16 28.3 1676 2 3			
53	1	SB 15 AG191396.640337.191282.640244.	3069.3.5	0.44.	53.3
54	1	SB 15 AG191282.640244.190930.639988.	3069.3.5	0.44.	53.3
55	1	SB 15 AG190930.639988.190811.639884.	3509.3.5	0.44.	53.3
56	1	WB ROSEMONAG192403.639820.192097.640064.	255.2.6	0.44.	30.0
57	1	WB ROSEMONAG192097.640064.191916.640222.	255.2.6	0.44.	30.0
58	2	WB ROSE Q AG191949.640193.192034.640119.	0.24.	2	
	102	30 4.0 236 28.3 1742 2 3			
59	1	WB ROSEMONAG191916.640222.191878.640271.	619.2.6	0.44.	30.0
60	1	WB ROSEMONAG191878.640271.191817.640307.	619.2.6	0.44.	30.0
61	1	WB ROSEMONAG191817.640307.191306.640792.	611.2.6	0.44.	30.0
62	2	WB ROSE Q AG191330.640769.191421.640683.	0.24.	2	
	32	9 4.0 594 28.3 1752 2 3			
63	1	WB ROSEMONAG191306.640792.191144.640951.	662.2.6	0.44.	30.0
64	1	WB ROSEMONAG191144.640951.191046.641019.	662.2.6	0.44.	30.0
65	1	WB ROSEMONAG191046.641019.190888.641123.	662.2.6	0.44.	30.0
66	1	EB ROSEMONAG190873.641107.190977.641037.	1238.2.6	0.44.	30.0
67	1	SB 270 ONRAG190977.641037.191077.640931.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191077.640931.191137.640865.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191137.640865.191176.640783.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191176.640783.191178.640713.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191178.640713.191156.640575.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191156.640575.191108.640301.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191108.640301.191083.640220.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191083.640220.191038.640125.	440.2.6	0.32.	30.0
67	1	SB 270 ONRAG191038.640125.190930.639988.	440.2.6	0.32.	30.0
76	1	EB ROSE AG190977.641037.191115.640951.	1238.2.6	0.44.	30.0
77	1	EB ROSE AG191115.640951.191305.640778.	1238.2.6	0.44.	30.0
78	2	WB ROSE Q AG191279.640802.191187.640886.	0.24.	2	
	32	9 4.0 824 28.3 1770 2 3			
79	1	EB ROSE AG191307.640777.191579.640509.	897.2.6	0.44.	30.0
80	1	EB ROSE AG191579.640509.191907.640207.	1500.2.6	0.44.	30.0
81	2	EB ROSE Q AG191867.640244.191768.640335.	0.24.	2	
	102	30 4.0 991 28.3 1717 2 3			
80	1	EB ROSE AG191907.640207.192388.639800.	924.2.6	0.44.	30.0
80	1	SB 15 AG190810.639884.190461.639523.	3509.3.5	0.44.0	30.0
80	1	SB 15 AG190461.639524.190212.639214.	3509.3.5	0.44.0	30.0
80	1	SB 15 AG190212.639214.190004.638912.	3509.3.5	0.44.0	30.0
80	1	NB 15 AG190860.639817.190678.639647.	3097.3.5	0.44.0</	

JOB: S 32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:13.97

RUN: FAIRFIELD PARK 1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3097.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3097.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3097.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	363.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	363.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	363.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	363.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	363.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	363.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	363.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	109.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191981.3	640309.1	*	90.	41. AG	60.	100.0	.0	12.0	.96 4.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	254.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	191897.4	640277.1	*	0.	73. AG	60.	100.0	.0	12.0	.01 .0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	540.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	540.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	540.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	540.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	540.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	540.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	540.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	540.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2734.	3.4	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191020.0	639185.9	*	1333.	221. AG	60.	100.0	.0	12.0	2.14 67.7
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	212.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	212.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	212.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	212.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	212.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	212.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	212.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	212.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	212.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3233.	3.5	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3233.	3.5	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	164.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	164.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	164.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:13.97

RUN: FAIRFIELD PARK 1998 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	164.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	164.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	164.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	164.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	76.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191280.3	640741.0	*	6.	216. AG	36.	100.0	.0	12.0	.29 .3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	88.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191326.8	640724.6	*	1.	250. AG	13.	100.0	.0	12.0	.03 .1
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3069.	3.5	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3069.	3.5	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3509.	3.5	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	255.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	255.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	191963.6	640180.3	*	19.	131. AG	45.	100.0	.0	24.0	.25 1.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	619.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	619.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	611.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191346.3	640753.6	*	22.	133. AG	43.	100.0	.0	24.0	.74 1.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	662.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	662.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	662.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1238.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	440.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	440.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	440.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	440.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	440.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	440.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	440.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	440.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	440.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1238.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1238.	2.6	.0	44.0	
78. 78	WB ROSE Q *	191279.0	640802.0	191168.3	640903.1	*	150.	312. AG	43.	100.0	.0	24.0	1.01 7.6
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	897.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1500.	2.6	.0	44.0	

S32EXAM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191492.4	640588.4	*	509.	313.	AG	45.	100.0	.0	24.0	1.07	25.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	924.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3509.	3.5	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3509.	3.5	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3509.	3.5	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3097.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3097.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3097.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3097.	3.5	.0	44.0		

1

PAGE 3

JOB: S 32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:13.97

RUN: FAIRFIELD PARK 1998 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	102	81	4.0	109	770	28.30	1 3
14. 14	NBOFFRAMP *	102	81	4.0	1	750	28.30	1 3
30. 30	NB 2ND ST *	102	81	4.0	216	688	28.30	1 3
50. 50	SB15 RAMP *	32	15	4.0	76	770	28.30	1 3
52. 52	SB15 RAMP *	90	15	4.0	16	676	28.30	1 3
58. 58	WB ROSE Q *	102	30	4.0	236	742	28.30	1 3
62. 62	WB ROSE Q *	32	9	4.0	594	752	28.30	1 3
78. 78	WB ROSE Q *	32	9	4.0	824	770	28.30	1 3
81. 81	EB ROSE Q *	102	30	4.0	991	717	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0

1

PAGE 4

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 1998 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	* .5	.5	.5	.5	.5	.4	.5	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0	.1
5.	* .5	.4	.5	.5	.4	.4	.5	.0	.2	.2	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1
10.	* .5	.5	.4	.5	.4	.4	.5	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0	.0
15.	* .4	.5	.4	.5	.4	.5	.5	.0	.1	.1	.0	.3	.1	.1	.0	.0	.0	.0	.0	.1
20.	* .3	.5	.4	.6	.5	.6	.5	.0	.1	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1
25.	* .5	.3	.4	.4	.5	.5	.5	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.2
30.	* .5	.3	.3	.4	.5	.5	.6	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.2
35.	* .3	.3	.3	.4	.4	.5	.5	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1
40.	* .2	.2	.2	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
45.	* .0	.1	.1	.2	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	* .0	.0	.1	.1	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	* .0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	* .0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
65.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32EXAM.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 1998 AM

PAGE 5

WIND	ANGLE	CONCENTRATION	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
(DEGR)		(PPM)																			
210.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.1	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.2	.3	.4	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.3	.4	.3	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.3	.4	.5	.5	.4	.5	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.3	.5	.5	.4	.4	.6	.6	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.3	.4	.5	.6	.5	.5	.6	.0	.1	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
250.	*	.3	.4	.4	.5	.5	.5	.6	.0	.1	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
255.	*	.4	.4	.4	.5	.4	.5	.6	.0	.2	.2	.0	.3	.1	.2	.0	.0	.0	.0	.0	.1
260.	*	.4	.5	.5	.5	.4	.5	.6	.0	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1
265.	*	.5	.5	.5	.5	.4	.5	.6	.0	.2	.2	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1
270.	*	.5	.5	.5	.4	.4	.5	.4	.1	.2	.2	.0	.2	.2	.2	.0	.0	.0	.0	.0	.1
275.	*	.3	.4	.5	.4	.4	.5	.4	.0	.2	.2	.1	.2	.2	.2	.1	.0	.0	.0	.0	.1
280.	*	.3	.4	.4	.4	.5	.5	.5	.1	.2	.2	.1	.3	.2	.1	.1	.0	.0	.0	.0	.1
285.	*	.3	.3	.4	.4	.5	.5	.5	.1	.2	.2	.1	.3	.2	.2	.2	.0	.1	.0	.0	.1
290.	*	.4	.3	.3	.5	.5	.5	.5	.1	.2	.2	.0	.2	.2	.1	.1	.1	.1	.0	.0	.1
295.	*	.3	.3	.4	.5	.3	.4	.4	.1	.2	.2	.1	.2	.2	.2	.1	.1	.0	.0	.0	.1
300.	*	.3	.3	.4	.4	.4	.5	.4	.2	.2	.2	.1	.2	.2	.2	.1	.1	.0	.1	.1	.1
305.	*	.3	.4	.4	.4	.5	.5	.4	.1	.1	.2	.1	.2	.2	.2	.0	.2	.0	.1	.1	.1
310.	*	.3	.4	.5	.4	.4	.5	.5	.1	.2	.2	.1	.2	.2	.2	.0	.1	.1	.1	.1	.1
315.	*	.3	.4	.4	.4	.4	.5	.5	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1
320.	*	.3	.4	.4	.4	.4	.4	.5	.1	.2	.2	.2	.2	.2	.2	.1	.1	.0	.2	.0	.2
325.	*	.3	.3	.4	.5	.4	.4	.5	.1	.2	.2	.1	.2	.0	.2	.1	.0	.1	.0	.0	.2
330.	*	.4	.4	.4	.4	.3	.4	.5	.2	.2	.1	.1	.2	.1	.2	.2	.0	.1	.0	.2	.2
335.	*	.4	.5	.3	.5	.4	.4	.4	.2	.2	.2	.1	.2	.2	.2	.2	.1	.0	.1	.2	.2
340.	*	.4	.5	.3	.5	.4	.5	.4	.0	.2	.2	.1	.2	.2	.2	.1	.1	.0	.1	.2	.2
345.	*	.3	.5	.3	.5	.5	.5	.4	.0	.2	.2	.1	.2	.2	.2	.1	.1	.0	.0	.2	.2
350.	*	.3	.5	.3	.5	.5	.5	.4	.0	.2	.2	.0	.2	.1	.2	.1	.1	.0	.0	.2	.2
355.	*	.4	.5	.5	.5	.5	.5	.5	.0	.2	.2	.0	.2	.1	.2	.0	.1	.0	.0	.1	.1
360.	*	.5	.5	.5	.5	.5	.5	.5	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1	.1
MAX		.5	.5	.5	.6	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.1	.2
DEGR.	*	0	0	0	20	0	20	30	300	0	0	315	0	0	0	285	305	320	300	25	

THE HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 30 DEGREES FROM REC7 .

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 1998 AM

PAGE 6

DATE: 12/15/2006 TIME: 10:29:13.97

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK	ANGLE	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
	(PPM)	(DEGREES)																			
1	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32EXAM.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 1998 AM

PAGE 7

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)		REC4 20	REC5 0	REC6 20	REC7 30	REC8 300	REC9 0	REC10 0	REC11 315	REC12 0	REC13 0	REC14 0	REC15 285	REC16 305	REC17 320	REC18 300	REC19 25
	REC1 0	REC2 0	REC3 0																	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.1	.2	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
84	*	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.1	.3	.2	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.3	.3	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S32EXPM.DAT	
										11	1
S32	FAIRFIELD PARK			60.0175.0.0000.000190.30480000							
R44	FAIRFIELD PARK	190274.	639079.	5.							
R45	FAIRFIELD PARK	190375.	639222.	5.							
R46	FAIRFIELD PARK	190467.	639339.	5.							
R47	FAIRFIELD PARK	190581.	639473.	5.							
R48	FAIRFIELD PARK	190726.	639624.	5.							
R49	FAIRFIELD PARK	190848.	639754.	5.							
R50	FAIRFIELD PARK	190942.	639845.	5.							
R51	RES FAIRFIELD PA	190945.	639379.	5.							
R55	BALLFIELD FAIRFI	190691.	639375.	5.							
R56	BALLFIELD FAIRFI	190607.	639267.	5.							
R54	RES FAIRFIELD PA	190868.	639277.	5.							
R55	RES FAIRFIELD PA	190819.	639611.	5.							
R56	RES FAIRFIELD P	190987.	639634.	5.							
R57	RES FAIRFIELD P	191134.	639765.	5.							
R58	RES FAIRFIELD P	190787.	639175.	5.							
R59	RES FAIRFIELD P	190707.	639057.	5.							
R60	RES FAIRFIELD P	190616.	638923.	5.							
R61	RES FAIRFIELD P	190514.	638783.	5.							
R62	RES FAIRFIELD P	191275.	639813.	5.							
FAIRFIELD PARK	1998 PM			89	1	1					
1											
1	NB 15	AG190860.639818.191068.639999.	3917. 3.4	0. 44.	50.4						
2	NB 15	AG191068.639999.191332.640193.	3917. 3.4	0. 44.	50.4						
3	NB 15	AG191332.640193.191857.640571.	3917. 3.4	0. 44.	50.4						
4	NB OFFRAMPAG	191857.640571.191960.640623.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	191960.640623.192030.640626.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	192030.640626.192088.640593.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	192088.640593.192120.640535.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	192120.640535.192120.640486.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	192120.640486.192104.640441.	729. 2.6	0. 32.	30.0						
4	NB OFFRAMPAG	192104.640441.191970.640296.	729. 2.6	0. 32.	30.0						
11	NB OFFRAMPAG	191970.640296.191905.640219.	238. 2.6	0. 32.	30.0						
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1							
148	108	4.0 238 28.3 1781 2 3									
14	NB OFFRAMPAG	191970.640296.191878.640271.	491. 2.6	0. 32.	30.0						
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1							
148	108	4.0 243 28.3 1583 2 3									
15	SB 2ND ST	AG191905.640219.191845.640144.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191845.640144.191808.640099.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191808.640099.191790.640058.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191790.640058.191779.640011.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191779.640011.191779.639965.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191779.639965.191789.639884.	138. 2.6	0. 32.	30.0						
15	SB 2ND ST	AG191789.639884.191805.639773.	138. 2.6	0. 32.	30.0						
22	SB 2ND ST	AG191805.639773.191855.639481.	138. 2.6	0. 32.	30.0						
23	NB 15	AG191857.640571.192459.641017.	3188. 3.4	0. 44.	54.1						
24	NB 2ND ST	AG191873.639485.191811.639835.	227. 2.6	0. 32.	30.0						
24	NB 2ND ST	AG191811.639835.191805.639914.	227. 2.6	0. 32.	30.0						
24	NB 2ND ST	AG191805.639914.191797.639982.	227. 2.6	0. 32.	30.0						
24	NB 2ND ST	AG191797.639982.191809.640061.	227. 2.6	0. 32.	30.0						
24	NB 2ND ST	AG191809.640061.191837.640112.	227. 2.6	0. 32.	30.0						
24	NB 2ND ST	AG191837.640112.191934.640223.	227. 2.6	0. 32.	30.0						
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 20.	2							
148	124	4.0 224 28.3 1680 2 3									
31	NB 15 ON	RAG191934.640223.191986.640270.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG191986.640270.192132.640439.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192132.640439.192165.640514.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192165.640514.192184.640621.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192184.640621.192226.640733.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192226.640733.192290.640837.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192290.640837.192329.640883.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192329.640883.192397.640944.	177. 2.6	0. 32.	30.0						
31	NB 15 ON	RAG192397.640944.192459.641017.	177. 2.6	0. 32.	30.0						
40	SB 15	AG192414.641075.191866.640671.	2985. 3.4	0. 44.	53.1						
41	SB 15	AG191866.640671.191396.640337.	2985. 3.4	0. 44.	53.1						

41	1	SB 15 OFFRAG191396.640337.191304.640300.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	113. 2.6	0. 32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	64. 2.6	0. 32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701. 33 16 4.0 64 28.3 1770 2 3	0. 12.	1	
51	1	SB 15 OFFRAG191246.640695.191341.640730.	49. 2.6	0. 32.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700. 33 16 4.0 1 28.3 1750 2 3	0. 12.	1	
53	1	SB 15 AG191396.640337.191282.640244.	2872. 3.4	0. 44.	53.3
54	1	SB 15 AG191282.640244.190930.639988.	2872. 3.4	0. 44.	53.3
55	1	SB 15 AG190930.639988.190811.639884.	3156. 3.4	0. 44.	53.3
56	1	WB ROSEMONAG192403.639820.192097.640064.	664. 2.6	0. 44.	30.0
57	1	WB ROSEMONAG192097.640064.191916.640222.	664. 2.6	0. 44.	30.0
58	1	WB ROSE Q AG191949.640193.192034.640119. 148 52 4.0 647 28.3 1736 2 3	0. 24.	2	
59	1	WB ROSEMONAG191916.640222.191878.640271.	1274. 2.6	0. 44.	30.0
60	1	WB ROSEMONAG191878.640271.191817.640307.	1274. 2.6	0. 44.	30.0
61	1	WB ROSEMONAG191817.640307.191306.640792.	727. 2.6	0. 44.	30.0
62	2	WB ROSE Q AG191330.640769.191421.640683. 33 9 4.0 475 28.3 1674 2 3	0. 24.	2	
63	1	WB ROSEMONAG191306.640792.191144.640951.	564. 2.6	0. 44.	30.0
64	1	WB ROSEMONAG191144.640951.191046.641019.	564. 2.6	0. 44.	30.0
65	1	WB ROSEMONAG191046.641019.190888.641123.	564. 2.6	0. 44.	30.0
66	1	EB ROSEMONAG190873.641107.190977.641037.	1003. 2.6	0. 44.	30.0
67	1	SB 270 ONRAG190977.641037.191077.640931.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191077.640931.191137.640865.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191137.640865.191176.640783.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191176.640783.191178.640713.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191178.640713.191156.640575.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191156.640575.191108.640301.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191108.640301.191083.640220.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191083.640220.191038.640125.	284. 2.6	0. 32.	30.0
67	1	SB 270 ONRAG191038.640125.190930.639988.	284. 2.6	0. 32.	30.0
76	1	EB ROSE AG190977.641037.191115.640951.	1003. 2.6	0. 44.	30.0
77	1	EB ROSE AG191115.640951.191305.640778.	1003. 2.6	0. 44.	30.0
78	2	WB ROSE Q AG191279.640802.191187.640886. 33 9 4.0 838 28.3 1765 2 3	0. 24.	2	
79	1	EB ROSE AG191307.640777.191579.640509.	888. 2.6	0. 44.	30.0
80	1	EB ROSE AG191579.640509.191907.640207.	911. 2.6	0. 44.	30.0
81	2	EB ROSE Q AG191867.640244.191768.640335. 148 52 4.0 823 28.3 1718 2 3	0. 24.	2	
80	1	EB ROSE AG191907.640207.192388.639800.	942. 2.6	0. 44.	30.0
80	1	SB 15 AG190810.639884.190461.639523.	3156. 3.4	0.44.0	30.0
80	1	SB 15 AG190461.639524.190212.639214.	3156. 3.4	0.44.0	30.0
80	1	SB 15 AG190212.639214.190004.638912.	3156. 3.4	0.44.0	30.0
80	1	NB 15 AG190860.639817.190678.639647.	3917. 3.4	0.44.0	30.0
80	1	NB 15 AG190678.639647.190434.639378.	3917. 3.4	0	

JOB: S32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:41.10

RUN: FAIRFIELD PARK 1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3917.	3.4	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3917.	3.4	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3917.	3.4	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	729.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	729.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	729.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	729.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	729.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	729.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	729.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	238.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192448.2	640854.9	*	808.	41. AG	55. 100.0	.0	12.0	1.33	41.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	491.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193180.0	640623.7	*	1329.	75. AG	55. 100.0	.0	12.0	1.83	67.5
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	138.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	138.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	138.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	138.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	138.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	138.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	138.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	138.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3188.	3.4	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191616.4	639861.4	*	432.	221. AG	127. 100.0	.0	20.0	1.37	21.9
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	177.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	177.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	177.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	177.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	177.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	177.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	177.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	177.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	177.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	2985.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	2985.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	113.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	113.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	113.	2.6	.0	32.0	

JOB: S32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:41.10

RUN: FAIRFIELD PARK 1998 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	113.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	113.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	113.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	113.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	64.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191280.7	640741.5	*	6.	216. AG	37. 100.0	.0	12.0	.25	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	49.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191327.9	640725.0	*	0.	242. AG	37. 100.0	.0	12.0	.00	.0
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2872.	3.4	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2872.	3.4	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3156.	3.4	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	664.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	664.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192018.3	640132.7	*	92.	131. AG	53. 100.0	.0	24.0	.72	4.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1274.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1274.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	727.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191339.7	640759.8	*	13.	133. AG	41. 100.0	.0	24.0	.65	.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	564.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	564.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	564.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1003.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	284.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	284.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	284.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	284.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	284.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	284.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	284.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	284.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	284.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1003.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1003.	2.6	.0	44.0	
78. 78	WB ROSE Q	* 191279.0	640802.0	191174.8	640897.2	*	141.	312. AG	41. 100.0	.0	24.0	1.00	7.2
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	888.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	911.	2.6	.0	44.0	

S32EXPM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191740.2	640360.6	* 172.	313.	AG	53.	100.0	.0	24.0	.94	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	942.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3156.	3.4	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3156.	3.4	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3156.	3.4	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3917.	3.4	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3917.	3.4	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3917.	3.4	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3917.	3.4	.0	44.0		

1

JOB: S32 FAIRFIELD PARK
DATE: 12/15/2006 TIME: 10:29:41.10

RUN: FAIRFIELD PARK 1998 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	148	108	4.0	238	781	28.30	1 3
14. 14	NBOFFRAMP *	148	108	4.0	243	583	28.30	1 3
30. 30	NB 2ND ST *	148	124	4.0	224	680	28.30	1 3
50. 50	SB15 RAMP *	33	16	4.0	64	770	28.30	1 3
52. 52	SB15 RAMP *	33	16	4.0	1	750	28.30	1 3
58. 58	WB ROSE Q *	148	52	4.0	647	736	28.30	1 3
62. 62	WB ROSE Q *	33	9	4.0	475	674	28.30	1 3
78. 78	WB ROSE Q *	33	9	4.0	838	765	28.30	1 3
81. 81	EB ROSE Q *	148	52	4.0	823	718	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0 *
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0 *
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0 *
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0 *
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0 *
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0 *
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0 *
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0 *
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0 *
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0 *
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0 *
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0 *
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0 *
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0 *
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0 *
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0 *
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0 *
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0 *
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0 *

1

JOB: S32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 1998 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.4	.4	.5	.5	.4	.5	.6	.1	.3	.2	.0	.1	.1	.2	.0	.0	.0	.0	.1
5.	*	.4	.4	.5	.5	.4	.5	.5	.1	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1
10.	*	.4	.5	.5	.5	.4	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1
15.	*	.4	.6	.5	.5	.4	.5	.6	.0	.1	.3	.0	.2	.3	.1	.0	.0	.0	.0	.1
20.	*	.5	.5	.5	.5	.4	.7	.6	.0	.1	.1	.0	.2	.2	.1	.0	.0	.0	.0	.1
25.	*	.6	.5	.4	.5	.6	.6	.6	.0	.1	.1	.0	.2	.1	.2	.0	.0	.0	.0	.1
30.	*	.5	.4	.5	.4	.4	.5	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
35.	*	.2	.4	.4	.4	.4	.6	.6	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
40.	*	.2	.2	.3	.3	.4	.5	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
45.	*	.2	.1	.2	.3	.3	.5	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
50.	*	.0	.1	.1	.1	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 5

THE HIGHEST CONCENTRATION IS .70 PPM AT 30 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 20 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 25 DEGREES FROM REC1 .

1

PAGE 6

[illegible]

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

1998 PM

PAGE 7

LINK #	CO/LINK		(PPM)		ANGLE (DEGREES)															
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	
	25	15	240	230	25	20	30	305	0	15	325	5	15	280	340	280	275	290	260	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.1	.1	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	
84	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.3	.2	.0	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	
87	*	.1	.1	.0	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	
88	*	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	

S32NB15A.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	2015 AM		89 1 1		
1					
1	NB 15	AG190860.639818.191068.639999.	2925. 4.0 0. 44.	56	
2	NB 15	AG191068.639999.191332.640193.	2925. 4.0 0. 44.	56	
3	NB 15	AG191332.640193.191857.640571.	2925. 4.0 0. 44.	56	
4	NB OFFRAMPAG	191857.640571.191960.640623.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	525. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	525. 2.9 0. 32.	30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	175. 2.9 0. 32.	30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1		
95	75	4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	350. 2.9 0. 32.	30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1		
95	75	4.0 350 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.9 0. 32.	30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.9 0. 32.	30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.9 0. 32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	2550. 4.0 0. 44.	56	
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.9 0. 32.	30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.9 0. 32.	30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1		
95	77	4.0 225 32.2 1682 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	150. 2.9 0. 32.	30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	150. 2.9 0. 32.	30.0	
40	SB 15	AG192414.641075.191866.640671.	3425. 3.4 0. 44.	50	
41	SB 15	AG191866.640671.191396.640337.	3425. 3.4 0. 44.	50	

42	1	SB 15 OFFRAG191396.640337.191304.640300.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701.	0.	12.	1		
	65	50 4.0 50 32.2 1308 2 3					
51	1	SB 15 OFFRAG191246.640695.191341.640730.	50.	2.9	0.	44.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700.	0.	24.	2		
	65	50 4.0 50 32.2 1583 2 3					
53	1	SB 15 AG191396.640337.191282.640244.	3325.	3.9	0.	44.	55
54	1	SB 15 AG191282.640244.190930.639988.	3325.	3.9	0.	44.	55
55	1	SB 15 AG190930.639988.190811.639884.	4000.	3.7	0.	44.	51
56	1	WB ROSEMONAG192403.639820.192097.640064.	300.	2.9	0.	44.	30
57	1	WB ROSEMONAG192097.640064.191916.640222.	300.	2.9	0.	44.	30
58	2	WB ROSE Q AG191949.640193.192034.640119.	0.	24.	2		
	95	73 4.0 300 32.2 1719 2 3					
59	1	WB ROSEMONAG191916.640222.191878.640271.	725.	2.9	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	1000.	2.9	0.	44.	30
61	1	WB ROSEMONAG191817.640307.191306.640792.	1000.	2.9	0.	44.	30
62	2	WB ROSE Q AG191330.640769.191421.640683.	0.	24.	2		
	65	37 4.0 1000 32.2 1746 2 3					
63	1	WB ROSEMONAG191306.640792.191144.640951.	925.	2.9	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	925.	2.9	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	925.	2.9	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1175.	2.9	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	675.	2.9	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	675.	2.9	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	550.	2.9	0.	44.	30
77	1	EB ROSE AG191115.640951.191305.640778.	550.	2.9	0.	44.	30
78	2	eB ROSE Q AG191279.640802.191187.640886.	0.	24.	2		
	65	37 4.0 550 32.2 1762 2 3					
79	1	EB ROSE AG191307.640777.191579.640509.	600.	2.9	0.	44.	30
80	1	EB ROSE AG191579.640509.191907.640207.	1125.	2.9	0.	44.	30
81	2	EB ROSE Q AG191867.640244.191768.640335.	0.	24.	2		
	95	56 4.0 1125 32.2 1715 2 3					
80	1	EB ROSE AG191907.640207.192388.639800.	650.	2.9	0.	44.	30
80							

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:38:15.70

RUN: FAIRFIELD PARK 2015 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2925.	4.0	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2925.	4.0	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2925.	4.0	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	525.	2.9	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	525.	2.9	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	525.	2.9	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	525.	2.9	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	525.	2.9	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	525.	2.9	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	525.	2.9	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191969.7	640295.5	*	72.	41. AG	68.	100.0	.0	12.0	.67	3.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	350.	2.9	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	193228.7	640636.8	*	1379.	75. AG	68.	100.0	.0	12.0	1.50	70.1
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0		
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0		
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0		
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0		
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0		
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0		
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0		
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2550.	4.0	.0	44.0		
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0		
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0		
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0		
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0		
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0		
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0		
30. 30	NB 2ND ST	* 191902.0	640185.0	191716.9	639975.3	*	280.	221. AG	70.	100.0	.0	12.0	1.06	14.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	150.	2.9	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3425.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3425.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0		

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:38:15.70

RUN: FAIRFIELD PARK 2015 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191275.9	640735.0	*	14.	216. AG	66.	100.0	.0	12.0	.28	.7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191321.6	640722.6	*	7.	250. AG	133.	100.0	.0	24.0	.11	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.9	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.9	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4000.	3.7	.0	44.0		
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0		
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0		
58. 58	WB ROSE Q	* 191949.0	640193.0	191994.2	640153.7	*	60.	131. AG	133.	100.0	.0	24.0	.52	3.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	725.	2.9	.0	44.0		
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0		
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191411.5	640692.0	*	112.	133. AG	98.	100.0	.0	24.0	.85	5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0		
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0		
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0		
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1175.	2.9	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	550.	2.9	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	550.	2.9	.0	44.0		
78. 78	eB ROSE Q	* 191279.0	640802.0	191237.9	640839.5	*	56.	312. AG	98.	100.0	.0	24.0	.46	2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	600.	2.9	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1125.	2.9	.0	44.0		

S32NB15A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.5	* 215.	313.	AG	102.	100.0	.0	24.0	.94	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	650.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	4000.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	4000.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	4000.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	2925.	4.0	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	2925.	4.0	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	2925.	4.0	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	2925.	4.0	.0	44.0		

1

PAGE 3

JOB: S 32 FAIRFIELD PARK
 DATE: 01/20/2007 TIME: 22:38:15.70
 RUN: FAIRFIELD PARK 2015 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	95	75	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP *	95	75	4.0	350	1583	32.20	2 3
30. 30	NB 2ND ST *	95	77	4.0	225	1682	32.20	2 3
50. 50	SB15 RAMP *	65	50	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP *	65	50	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q *	95	73	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q *	65	37	4.0	1000	1746	32.20	2 3
78. 78	eB ROSE Q *	65	37	4.0	550	1762	32.20	2 3
81. 81	EB ROSE Q *	95	56	4.0	1125	1715	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	* 190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	* 190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	* 190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	* 190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	* 190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	* 190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	* 190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	* 190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	* 190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	* 190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	* 190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	* 190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	* 190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	* 191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	* 190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	* 190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	* 190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	* 190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	* 191275.0	639813.0	5.0	*

1

PAGE 4

JOB: S 32 FAIRFIELD PARK
 RUN: FAIRFIELD PARK 2015 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	* .5	.5	.5	.5	.5	.5	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.1	.1	.0	.1
5.	* .5	.5	.5	.5	.5	.5	.6	.0	.2	.2	.0	.2	.2	.2	.0	.0	.1	.0	.1	
10.	* .5	.7	.5	.5	.5	.5	.5	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0	
15.	* .5	.5	.5	.5	.5	.6	.6	.0	.2	.1	.0	.3	.2	.2	.0	.0	.0	.0	.1	
20.	* .5	.5	.5	.6	.5	.6	.6	.0	.1	.2	.0	.3	.2	.1	.0	.0	.0	.0	.2	
25.	* .5	.5	.5	.6	.6	.6	.6	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	
30.	* .5	.4	.4	.4	.5	.6	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.2	
35.	* .3	.3	.4	.4	.5	.6	.6	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	
40.	* .3	.2	.4	.3	.4	.5	.5	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	
45.	* .0	.1	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50.	* .0	.0	.1	.1	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55.	* .0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60.	* .0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
105.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
110.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
115.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
120.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
125.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
130.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
135.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
145.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
150.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
155.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
160.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
165.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

PAGE 5

THE HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 250 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC7 .

1

PAGE 6

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:38:15.70

[illegible]

S32NB15A.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2015 AM

PAGE 7

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	
	0	10	250	20	25	250	240	280	250	330	270	0	0	0	280	295	315	295	20	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.1	.0	.2	.1	.2	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	
84	*	.2	.2	.2	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	
85	*	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
86	*	.0	.0	.0	.1	.3	.4	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.1	.0	.3	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.3	.3	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	

S32NB15P.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	2015 PM		89 1 1		

1	NB 15	AG190860.639818.191068.639999.	3650. 3.9 0. 44.	54
2	NB 15	AG191068.639999.191332.640193.	3650. 3.9 0. 44.	54
3	NB 15	AG191332.640193.191857.640571.	3650. 3.9 0. 44.	54
4	NB OFFRAMPAG	191857.640571.191960.640623.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	650. 2.9 0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	650. 2.9 0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	200. 2.9 0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1	
135	113	4.0 200 32.2 1770 2 3		
14	NB OFFRAMPAG	191970.640296.191878.640271.	450. 2.9 0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1	
135	113	4.0 450 32.2 1583 2 3		
15	SB 2ND ST	AG191905.640219.191845.640144.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	200. 2.9 0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	200. 2.9 0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	200. 2.9 0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3250. 4.0 0. 44.	56
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.9 0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.9 0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.9 0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.9 0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.9 0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.9 0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1	
135	102	4.0 650 32.2 1680 2 3		
31	NB 15 ON	RAG191934.640223.191986.640270.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192290.640837.192329.640883.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	250. 2.9 0. 32.	30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	250. 2.9 0. 32.	30.0
40	SB 15	AG192414.641075.191866.640671.	3100. 4.0 0. 44.	56
41	SB 15	AG191866.640671.191396.640337.	3100. 4.0 0. 44.	56

41	1	SB 15	OFFRAG191396.640337.191304.640300.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191304.640300.191225.640317.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191225.640317.191185.640352.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191185.640352.191163.640405.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	2	SB15 RAMP 65	AG191284.640746.191251.640701.49 4.0 50 32.2 1342 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	25.	2.9	0.	44.	30.0
52	2	SB15 RAMP 65	AG191328.640725.191261.640700.49 4.0 25 32.2 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	3100.	4.0	0.	44.	56
54	1	SB 15	AG191282.640244.190930.639988.	3100.	4.0	0.	44.	56
55	1	SB 15	AG190930.639988.190811.639884.	3675.	3.9	0.	44.	54
56	1	WB ROSEMONAG	192403.639820.192097.640064.	650.	2.9	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	650.	2.9	0.	44.	30
58	2	WB ROSE Q 135	AG191949.640193.192034.640119.104 4.0 650 32.2 1726 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	1575.	2.9	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	1000.	2.9	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	1000.	2.9	0.	44.	30
62	2	WB ROSE Q 65	AG191330.640769.191421.640683.38 4.0 1000 32.2 1746 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	900.	2.9	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	900.	2.9	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	900.	2.9	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1150.	2.9	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	750.	2.9	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	750.	2.9	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	625.	2.9	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	625.	2.9	0.	44.	30
78	2	eB ROSE Q 65	AG191279.640802.191187.640886.38 4.0 625 32.2 1759 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	650.	2.9	0.	44.	30
80	1	EB ROSE	AG191579.640509.191907.640207.	775.	2.9	0.	44.	30
81	2	EB ROSE Q 135	AG191867.640244.191768.640335.82 4.0 775 32.2 1712 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	675.	2.9	0.	44.	30
80	1	SB						

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:47:03.20

RUN: FAIRFIELD PARK 2015 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3650.	3.9	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3650.	3.9	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3650.	3.9	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192025.4	640360.6	*	157.	41. AG	72. 100.0	.0	12.0	.96	8.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	450.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194775.7	641054.8	*	2982.	75. AG	72. 100.0	.0	12.0	2.41	151.5
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.0	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189537.9	637506.9	*	3572.	221. AG	65. 100.0	.0	12.0	1.93	181.5
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	250.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	250.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	250.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	250.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	250.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	250.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	250.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	250.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	250.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3100.	4.0	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3100.	4.0	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:47:03.20

RUN: FAIRFIELD PARK 2015 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65. 100.0	.0	12.0	.24	.7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25. 2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130. 100.0	.0	24.0	.05	.2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.0	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.0	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3675.	3.9	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	650.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	650.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192179.2	639992.7	*	305.	131. AG	133. 100.0	.0	24.0	1.02	15.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1575.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191421.5	640682.6	*	126.	133. AG	101. 100.0	.0	24.0	.89	6.4
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	900.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	900.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	900.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1150.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	625.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	625.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191231.1	640845.7	*	65.	312. AG	101. 100.0	.0	24.0	.55	3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	775.	2.9	.0	44.0	

S32NB15P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191739.2	640361.5	*	174.	313.	AG	105.	100.0	.0	24.0	.65	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	675.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3675.	3.9	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3675.	3.9	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3675.	3.9	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3650.	3.9	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3650.	3.9	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3650.	3.9	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3650.	3.9	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:47:03.20

RUN: FAIRFIELD PARK 2015 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	113	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	135	113	4.0	450	1583	32.20	2 3
30. 30	NB 2ND ST *	135	102	4.0	650	1680	32.20	2 3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	32.20	2 3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	135	104	4.0	650	1726	32.20	2 3
62. 62	WB ROSE Q *	65	38	4.0	1000	1746	32.20	2 3
78. 78	eB ROSE Q *	65	38	4.0	625	1759	32.20	2 3
81. 81	EB ROSE Q *	135	82	4.0	775	1712	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2015 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.5	.6	.5	.6	.6	.5	.7	.1	.3	.2	.0	.4	.2	.2	.0	.1	.2	.0	.1
5.	*	.5	.6	.6	.6	.6	.6	.7	.1	.2	.2	.0	.3	.2	.2	.0	.0	.1	.0	.1
10.	*	.6	.6	.6	.6	.6	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.2
15.	*	.5	.6	.6	.6	.6	.6	.7	.0	.2	.3	.0	.3	.3	.2	.0	.0	.0	.0	.1
20.	*	.6	.6	.6	.7	.6	.7	.7	.0	.1	.2	.0	.4	.2	.1	.0	.0	.0	.0	.2
25.	*	.6	.6	.6	.6	.6	.7	.8	.0	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.2
30.	*	.5	.4	.5	.5	.6	.6	.8	.0	.1	.0	.0	.3	.1	.1	.0	.0	.0	.0	.2
35.	*	.4	.4	.5	.5	.6	.7	.7	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.1
40.	*	.2	.3	.4	.4	.5	.5	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
45.	*	.2	.1	.2	.3	.4	.6	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0
50.	*	.0	.1	.1	.1	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
55.	*	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
60.	*	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0

S32NB15P.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
190.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
195.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
200.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
205.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

2015 PM

PAGE 5

WIND ANGLE (DEGR)	CONCENTRATION (PPM)																		
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
210.	*	.1	.1	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
215.	*	.1	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
220.	*	.2	.3	.4	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.2	.4	.5	.5	.4	.4	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
230.	*	.4	.4	.5	.6	.5	.6	.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.5	.6	.6	.5	.7	.8	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0
240.	*	.4	.6	.6	.6	.6	.7	.8	.0	.2	.3	.0	.3	.0	.1	.0	.0	.0	.0
245.	*	.4	.6	.6	.6	.6	.7	.8	.0	.2	.3	.0	.3	.2	.1	.0	.0	.0	.0
250.	*	.5	.6	.6	.7	.6	.7	.7	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0
255.	*	.5	.5	.6	.6	.6	.7	.8	.1	.2	.2	.0	.4	.2	.3	.0	.0	.0	.2
260.	*	.5	.6	.6	.6	.5	.7	.7	.1	.2	.2	.1	.3	.2	.2	.0	.0	.0	.2
265.	*	.5	.6	.6	.6	.5	.6	.7	.1	.2	.2	.1	.3	.2	.2	.1	.1	.0	.2
270.	*	.5	.5	.5	.6	.5	.6	.7	.1	.3	.2	.2	.3	.3	.2	.1	.1	.1	.2
275.	*	.5	.5	.5	.6	.5	.6	.5	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1
280.	*	.5	.4	.5	.5	.6	.6	.6	.1	.2	.2	.1	.3	.2	.3	.2	.1	.2	.1
285.	*	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.1	.3	.2	.2	.2	.1	.2	.1
290.	*	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.2	.1	.1	.1	.1
295.	*	.5	.5	.5	.5	.6	.6	.5	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.1
300.	*	.5	.5	.5	.5	.5	.6	.6	.2	.2	.3	.1	.3	.2	.2	.1	.2	.1	.1
305.	*	.5	.5	.6	.4	.5	.6	.6	.2	.2	.3	.1	.3	.2	.2	.2	.1	.2	.2
310.	*	.5	.5	.5	.5	.6	.6	.6	.2	.2	.2	.2	.3	.2	.2	.1	.2	.1	.2
315.	*	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.2	.1	.1	.2	.1
320.	*	.4	.5	.6	.5	.5	.6	.6	.2	.2	.2	.2	.3	.2	.1	.1	.1	.2	.2
325.	*	.4	.5	.5	.5	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.2
330.	*	.5	.5	.5	.5	.5	.6	.6	.2	.2	.2	.1	.3	.2	.2	.2	.1	.2	.1
335.	*	.5	.5	.6	.5	.5	.5	.6	.2	.2	.2	.1	.3	.2	.2	.2	.1	.1	.2
340.	*	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.2	.2	.1	.0	.2
345.	*	.4	.5	.5	.6	.5	.6	.5	.1	.2	.2	.2	.3	.2	.3	.1	.2	.1	.2
350.	*	.4	.6	.4	.6	.5	.6	.6	.0	.2	.2	.1	.3	.2	.2	.1	.2	.1	.0
355.	*	.5	.6	.5	.6	.5	.6	.1	.3	.2	.1	.3	.2	.2	.2	.1	.2	.0	.2
360.	*	.5	.6	.5	.6	.5	.5	.7	.1	.3	.2	.0	.4	.2	.2	.0	.1	.2	.1
MAX		.6	.6	.6	.7	.6	.7	.8	.2	.3	.3	.2	.4	.3	.3	.2	.2	.2	.2
DEGR.	*	10	0	5	20	0	35	235	275	0	15	270	0	15	255	280	295	0	295

THE HIGHEST CONCENTRATION IS .80 PPM AT 235 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 20 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 35 DEGREES FROM REC6 .

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

2015 PM

PAGE 6

DATE: 01/20/2007 TIME: 22:47:03.20

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* ANGLE (DEGREES)	CO/LINK (PPM)																		
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
1	*	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32NB15P.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

2015 PM

PAGE 7

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																
		REC1 10	REC2 0	REC3 5	REC4 20	REC5 0	REC6 35	REC7 235	REC8 275	REC9 0	REC10 15	REC11 270	REC12 0	REC13 15	REC14 255	REC15 280	REC16 295	REC17 0

46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.1	.2	.2	.0	.1	.0	.1	.1	.0	.1	.0	.1	.0	.0	.1	.0	.0
84	*	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.1	.4	.1	.3	.0	.1	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0
87	*	.0	.0	.4	.4	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0
88	*	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

S32B115A.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	B115AM		89 1 1		
1	NB 15	AG190860.639818.191068.639999.	2900.4.2 0.44.	59	
2	NB 15	AG191068.639999.191332.640193.	2900.4.2 0.44.	50.4	
3	NB 15	AG191332.640193.191857.640571.	2900.4.2 0.44.	50.4	
4	NB OFFRAMPAG	191857.640571.191960.640623.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	550.2.9 0.32.	30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	175.2.9 0.32.	30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0.12. 1		
105	84	4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	375.2.9 0.32.	30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0.12. 1		
105	84	4.0 375 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	600.2.9 0.32.	30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	600.2.9 0.32.	30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	600.2.9 0.32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	2500.4.2 0.44.	59	
24	NB 2ND ST	AG191873.639485.191811.639835.	225.2.9 0.32.	30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	225.2.9 0.32.	30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	225.2.9 0.32.	30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	225.2.9 0.32.	30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	225.2.9 0.32.	30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	225.2.9 0.32.	30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0.12. 1		
105	87	4.0 225 32.2 1681 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	150.2.9 0.32.	30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	150.2.9 0.32.	30.0	
40	SB 15	AG192414.641075.191866.640671.	3500.4.2 0.44.	59	
41	SB 15	AG191866.640671.191396.640337.	3500.4.2 0.44.	59	

42	1	SB 15 OFFRAG191396.640337.191304.640300.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	60	SB15 RAMP AG191284.640746.191251.640701.45 4.0 50 32.2 1308 2 3	0.	12.	1		
51	2	SB 15 OFFRAG191246.640695.191341.640730.	50.	2.9	0.	44.	30.0
52	60	SB15 RAMP AG191328.640725.191261.640700.45 4.0 50 32.2 1583 2 3	0.	24.	2		
53	1	SB 15 AG191396.640337.191282.640244.	3400.	4.2	0.	44.	59
54	1	SB 15 AG191282.640244.190930.639988.	3400.	4.2	0.	44.	59
55	1	SB 15 AG190930.639988.190811.639884.	4100.	4.2	0.	44.	59
56	1	WB ROSEMONAG192403.639820.192097.640064.	300.	2.9	0.	44.	30
57	2	WB ROSEMONAG192097.640064.191916.640222.	300.	2.9	0.	44.	30
58	105	WB ROSE Q AG191949.640193.192034.640119.83 4.0 300 32.2 1719 2 3	0.	24.	2		
59	1	WB ROSEMONAG191916.640222.191878.640271.	750.	2.9	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	750.	2.9	0.	44.	30
61	2	WB ROSEMONAG191817.640307.191306.640792.	750.	2.9	0.	44.	30
62	60	WB ROSE Q AG191330.640769.191421.640683.38 4.0 750 32.2 1726 2 3	0.	24.	2		
63	1	WB ROSEMONAG191306.640792.191144.640951.	675.	2.9	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	675.	2.9	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	675.	2.9	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1300.	2.9	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	700.	2.9	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	700.	2.9	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	650.	2.9	0.	44.	30
77	2	EB ROSE AG191115.640951.191305.640778.	650.	2.9	0.	44.	30
78	60	eB ROSE Q AG191279.640802.191187.640886.31 4.0 650 32.2 1763 2 3	0.	24.	2		
79	1	EB ROSE AG191307.640777.191579.640509.	700.	2.9	0.	44.	30
80	2	EB ROSE AG191579.640509.191907.640207.	1225.	2.9	0.	44.	30
81	105	EB ROSE Q AG191867.640244.191768.640335.57 4.0 1225 32.2 1716 2 3	0.	24.	2		
80	1	EB ROSE AG191907.640207.192388.639800.	750.	2.9	0.	44.	30
80	1	SB 15 AG190810.639884.190461.639523.	4100.	4.2	0.	44.	59
80	1	SB 15 AG190461.639524.190212.639214.	4100.	4.2	0.	44.	59
80	1	SB 15 AG190212.639214.190004.638912.	41				

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:20:50.41

RUN: FAIRFIELD PARK B115AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2900.	4.2	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2900.	4.2	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2900.	4.2	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	550.	2.9	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	550.	2.9	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	550.	2.9	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	550.	2.9	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	550.	2.9	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	550.	2.9	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	550.	2.9	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69.	100.0	.0	12.0	.69	4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69.	100.0	.0	12.0	1.66	87.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0		
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0		
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0		
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0		
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0		
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	600.	2.9	.0	32.0		
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0		
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2500.	4.2	.0	44.0		
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0		
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0		
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0		
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0		
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0		
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0		
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72.	100.0	.0	12.0	1.17	25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	150.	2.9	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3500.	4.2	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3500.	4.2	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0		

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:20:50.41

RUN: FAIRFIELD PARK B115AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191276.7	640736.1	*	12.	216. AG	65.	100.0	.0	12.0	.26	.6
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191322.2	640722.9	*	6.	250. AG	130.	100.0	.0	24.0	.11	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3400.	4.2	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3400.	4.2	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4100.	4.2	.0	44.0		
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0		
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0		
58. 58	WB ROSE Q	* 191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137.	100.0	.0	24.0	.57	3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	750.	2.9	.0	44.0		
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0		
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109.	100.0	.0	24.0	.82	4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	675.	2.9	.0	44.0		
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	675.	2.9	.0	44.0		
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	675.	2.9	.0	44.0		
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1300.	2.9	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0		
78. 78	eB ROSE Q	* 191279.0	640802.0	191238.3	640839.2	*	55.	312. AG	89.	100.0	.0	24.0	.48	2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0		

S32B115A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	750.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4100.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4100.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4100.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2900.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2900.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2900.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2900.	4.2	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:20:50.41

RUN: FAIRFIELD PARK B115AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	84	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP *	105	84	4.0	375	1583	32.20	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	32.20	2 3
50. 50	SB15 RAMP *	60	45	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP *	60	45	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q *	105	83	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q *	60	38	4.0	750	1726	32.20	2 3
78. 78	eB ROSE Q *	60	31	4.0	650	1763	32.20	2 3
81. 81	EB ROSE Q *	105	57	4.0	1225	1716	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B115AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.5	.5	.5	.5	.5	.6	.6	.0	.3	.2	.0	.3	.2	.2	.1	.1	.1	.0	.1
5.	*	.5	.5	.6	.5	.5	.6	.6	.0	.2	.2	.0	.4	.2	.2	.0	.1	.1	.1	.1
10.	*	.5	.7	.6	.5	.5	.6	.6	.1	.2	.2	.0	.3	.2	.2	.0	.0	.0	.1	.1
15.	*	.5	.6	.5	.5	.6	.7	.6	.0	.2	.2	.0	.4	.2	.2	.0	.0	.0	.0	.2
20.	*	.6	.5	.5	.6	.5	.6	.6	.0	.1	.2	.0	.3	.2	.1	.0	.0	.0	.0	.2
25.	*	.5	.6	.5	.6	.7	.6	.6	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2
30.	*	.5	.4	.5	.4	.7	.6	.7	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.2
35.	*	.3	.3	.4	.4	.5	.6	.7	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.2
40.	*	.3	.2	.4	.4	.4	.5	.6	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.0
45.	*	.0	.1	.1	.2	.3	.4	.7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
50.	*	.0	.1	.1	.1	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 5

THE HIGHEST CONCENTRATION IS .80 PPM AT 245 DEGREES FROM REC6 .
THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC4 .

1

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

Page 3

S32B115A.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B115AM

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
	20	10	5	240	25	245	45	275	0	260	270	5	255	280	280	295	310	295
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.2	.0	.1	.2	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0
84	*	.2	.2	.1	.2	.0	.1	.0	.1	.0	.1	.1	.0	.1	.0	.1	.1	.0
85	*	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
86	*	.0	.0	.0	.0	.3	.4	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0
87	*	.0	.1	.3	.3	.0	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
88	*	.3	.3	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

S32B115P.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	B115PM		89 1 1		

1	NB 15	AG190860.639818.191068.639999.	3850.4.2 0.44.	59
2	NB 15	AG191068.639999.191332.640193.	3850.4.2 0.44.	50.4
3	NB 15	AG191332.640193.191857.640571.	3850.4.2 0.44.	50.4
4	NB OFFRAMPAG	191857.640571.191960.640623.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	675.2.9 0.32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	675.2.9 0.32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	200.2.9 0.32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0.12. 1	
145	123	4.0 200 32.2 1770 2 3		
14	NB OFFRAMPAG	191970.640296.191878.640271.	475.2.9 0.32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0.12. 1	
65	123	4.0 475 32.2 1583 2 3		
15	SB 2ND ST	AG191905.640219.191845.640144.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	200.2.9 0.32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	200.2.9 0.32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	200.2.9 0.32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3475.4.2 0.44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	650.2.9 0.32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	650.2.9 0.32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	650.2.9 0.32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	650.2.9 0.32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	650.2.9 0.32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	650.2.9 0.32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0.12. 1	
145	111	4.0 650 32.2 1681 2 3		
31	NB 15 ON	RAG191934.640223.191986.640270.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192290.640837.192329.640883.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	300.2.9 0.32.	30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	300.2.9 0.32.	30.0
40	SB 15	AG192414.641075.191866.640671.	3175.4.2 0.44.	59
41	SB 15	AG191866.640671.191396.640337.	3175.4.2 0.44.	59

41	SB 15 OFFRAG191396.640337.191304.640300.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	75. 2.9	0. 32.	30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32.	30.0
50	SB15 RAMP AG191284.640746.191251.640701. 65 49 4.0 50 32.2 1342 2 3	0. 12.	1	
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44.	30.0
52	SB15 RAMP AG191328.640725.191261.640700. 65 49 4.0 25 32.2 1583 2 3	0. 24.	2	
53	SB 15 AG191396.640337.191282.640244.	3100. 4.2	0. 44.	59
54	SB 15 AG191282.640244.190930.639988.	3100. 4.2	0. 44.	59
55	SB 15 AG190930.639988.190811.639884.	3775. 4.2	0. 44.	59
56	WB ROSEMONAG192403.639820.192097.640064.	675. 2.9	0. 44.	30
57	WB ROSEMONAG192097.640064.191916.640222.	675. 2.9	0. 44.	30
58	WB ROSE Q AG191949.640193.192034.640119. 145 112 4.0 675 32.2 1718 2 3	0. 24.	2	
59	WB ROSEMONAG191916.640222.191878.640271.	1600. 2.9	0. 44.	30
60	WB ROSEMONAG191878.640271.191817.640307.	1600. 2.9	0. 44.	30
61	WB ROSEMONAG191817.640307.191306.640792.	1025. 2.9	0. 44.	30
62	WB ROSE Q AG191330.640769.191421.640683. 65 38 4.0 1025 32.2 1746 2 3	0. 24.	2	
63	WB ROSEMONAG191306.640792.191144.640951.	925. 2.9	0. 44.	30
64	WB ROSEMONAG191144.640951.191046.641019.	925. 2.9	0. 44.	30
65	WB ROSEMONAG191046.641019.190888.641123.	925. 2.9	0. 44.	30
66	EB ROSEMONAG190873.641107.190977.641037.	1250. 2.9	0. 44.	30
67	SB 270 ONRAG190977.641037.191077.640931.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191077.640931.191137.640865.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191137.640865.191176.640783.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191176.640783.191178.640713.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191178.640713.191156.640575.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191156.640575.191108.640301.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191108.640301.191083.640220.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191083.640220.191038.640125.	675. 2.9	0. 32.	30
67	SB 270 ONRAG191038.640125.190930.639988.	675. 2.9	0. 32.	30
76	EB ROSE AG190977.641037.191115.640951.	700. 2.9	0. 44.	30
77	EB ROSE AG191115.640951.191305.640778.	700. 2.9	0. 44.	30
78	eB ROSE Q AG191279.640802.191187.640886. 65 37 4.0 700 32.2 1760 2 3	0. 24.	2	
79	EB ROSE AG191307.640777.191579.640509.	725. 2.9	0. 44.	30
80	EB ROSE AG191579.640509.191907.640207.	850. 2.9	0. 44.	30
81	EB ROSE Q AG191867.640244.191768.640335. 145 85 4.0 850 32.2 1711 2 3	0. 24.	2	
80	EB ROSE AG191907.640207.192388.639800.	800. 2.9	0. 44.	30
80	SB 15 AG190810.639884.190461.639523.	3775. 4.2	0. 44.	59
80	SB 15 AG190461.639524.190212.639214.	3775. 4.2	0. 44.	59
80	SB 15 AG190212.639214.190004.638912.	3775. 4.2	0. 44.	59
80	NB 15 AG190860.639817.190678.639647.	3850. 4.2	0. 44.	59
80	NB 15 AG190678.639647.190434.639378.	3850. 4.2	0. 44.	59
80	NB 15 AG190434.639378.190212.639090.	3850. 4.2	0. 44.	59
80	NB 15 AG190212.639090.190063.638865.	3850. 4.2	0. 44.	59
1.0	0.4 1000. 0.0Y 5 0 72			

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:31:26.23

RUN: FAIRFIELD PARK B115PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3850.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3850.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3850.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73.	100.0	.0	12.0	1.03 11.8
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	192387.9	640409.6	*	509.	75. AG	163.	100.0	.0	12.0	-.30 25.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3475.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189438.5	637394.2	*	3723.	221. AG	66.	100.0	.0	12.0	2.01 189.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	300.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	300.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	300.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	300.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	300.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	300.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	300.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	300.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	300.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	75.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	75.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	75.	2.9	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:31:26.23

RUN: FAIRFIELD PARK B115PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	75.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	75.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	75.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	75.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65.	100.0	.0	12.0	.24 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130.	100.0	.0	24.0	.05 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3775.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	675.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	675.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192285.4	639900.3	*	446.	131. AG	133.	100.0	.0	24.0	1.06 22.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1600.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1600.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1025.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191428.9	640675.6	*	136.	133. AG	101.	100.0	.0	24.0	.91 6.9
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1250.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191226.7	640849.7	*	71.	312. AG	98.	100.0	.0	24.0	.59 3.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S32B115P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	* 198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	800.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3775.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3775.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3775.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3850.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3850.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3850.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3850.	4.2	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 01/20/2007 TIME: 22:31:26.23

RUN: FAIRFIELD PARK B115PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	65	123	4.0	475	1583	32.20	2 3
30. 30	NB 2ND ST *	145	111	4.0	650	1681	32.20	2 3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	32.20	2 3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	145	112	4.0	675	1718	32.20	2 3
62. 62	WB ROSE Q *	65	38	4.0	1025	1746	32.20	2 3
78. 78	eB ROSE Q *	65	37	4.0	700	1760	32.20	2 3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0 *
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0 *
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0 *
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0 *
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0 *
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0 *
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0 *
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0 *
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0 *
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0 *
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0 *
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0 *
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0 *
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0 *
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0 *
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0 *
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0 *
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0 *
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0 *

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B115PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	* .6	.6	.6	.6	.6	.7	.7	.1	.3	.2	.0	.4	.2	.2	.1	.1	.2	.1	.1	
5.	* .6	.7	.6	.6	.6	.7	.7	.1	.2	.2	.0	.4	.2	.2	.0	.0	.1	.1	.1	
10.	* .6	.8	.6	.6	.6	.7	.6	.1	.2	.3	.1	.3	.3	.2	.0	.0	.0	.0	.2	
15.	* .6	.6	.6	.7	.6	.8	.8	.0	.2	.3	.0	.3	.3	.2	.0	.0	.0	.0	.1	
20.	* .7	.7	.6	.7	.6	.7	.8	.0	.2	.2	.0	.4	.2	.1	.0	.0	.0	.0	.2	
25.	* .6	.6	.6	.7	.7	.8	.9	.0	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.2	
30.	* .6	.5	.7	.5	.6	.7	.9	.0	.1	.0	.0	.3	.2	.3	.0	.0	.0	.0	.2	
35.	* .4	.4	.5	.6	.6	.7	.7	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.1	
40.	* .3	.4	.4	.5	.5	.7	.8	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.1	
45.	* .2	.1	.2	.3	.6	.6	.8	.0	.0	.0	.0	.2	.1	.1	.0	.0	.1	.1	.0	
50.	* .0	.1	.1	.2	.4	.5	.6	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	
55.	* .0	.0	.0	.0	.2	.3	.4	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
60.	* .0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
65.	* .0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	
75.	* .0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
105.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
110.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
115.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
120.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
125.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
130.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
135.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
145.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
150.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
155.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
160.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
165.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	

1

PAGE 5

THE HIGHEST CONCENTRATION IS .90 PPM AT 245 DEGREES FROM REC6 .
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 25 DEGREES FROM REC7 .
THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 10 DEGREES FROM REC2 .

1

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

Page 3

S32B115P.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B115PM

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
	20	10	30	15	25	245	25	260	0	10	270	0	325	30	265	265	0	290

46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.2	.2	.1	.2	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0
84	*	.1	.2	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1
86	*	.0	.0	.1	.1	.4	.5	.0	.1	.1	.0	.2	.1	.0	.0	.0	.0	.1
87	*	.1	.1	.4	.4	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0
88	*	.4	.4	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

										S32B215A	
S 32 FAIRFIELD PARK										60.0175.0.0000.000190.30480000	11 1
R44	FAIRFIELD PARK	190274.	639079.	5.							
R45	FAIRFIELD PARK	190375.	639222.	5.							
R46	FAIRFIELD PARK	190467.	639339.	5.							
R47	FAIRFIELD PARK	190581.	639473.	5.							
R48	FAIRFIELD PARK	190726.	639624.	5.							
R49	FAIRFIELD PARK	190848.	639754.	5.							
R50	FAIRFIELD PARK	190942.	639845.	5.							
R51	RES FAIRFIELD PA	190945.	639379.	5.							
R55	BALLFIELD FAIRFI	190691.	639375.	5.							
R56	BALLFIELD FAIRFI	190607.	639267.	5.							
R54	RES FAIRFIELD PA	190868.	639277.	5.							
R55	RES FAIRFIELD PA	190819.	639611.	5.							
R56	RES FAIRFIELD P	190987.	639634.	5.							
R57	RES FAIRFIELD P	191134.	639765.	5.							
R58	RES FAIRFIELD P	190787.	639175.	5.							
R59	RES FAIRFIELD P	190707.	639057.	5.							
R60	RES FAIRFIELD P	190616.	638923.	5.							
R61	RES FAIRFIELD P	190514.	638783.	5.							
R62	RES FAIRFIELD P	191275.	639813.	5.							
FAIRFIELD PARK		B215AM			89	1	1				
1											
1	NB 15	AG190860.639818.191068.639999.	2375. 4.2 0. 44. 59								
2	NB 15	AG191068.639999.191332.640193.	2375. 4.2 0. 44. 59								
3	NB 15	AG191332.640193.191857.640571.	2375. 4.2 0. 44. 59								
4	NB OFFRAMPAG	191857.640571.191960.640623.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	191960.640623.192030.640626.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	192030.640626.192088.640593.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	192088.640593.192120.640535.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	192120.640535.192120.640486.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	192120.640486.192104.640441.	500. 2.9 0. 32. 30.0								
4	NB OFFRAMPAG	192104.640441.191970.640296.	500. 2.9 0. 32. 30.0								
11	NB OFFRAMPAG	191970.640296.191905.640219.	175. 2.9 0. 32. 30.0								
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1								
105	84	4.0 175 32.2 1770 2 3									
14	NB OFFRAMPAG	191970.640296.191878.640271.	375. 2.9 0. 32. 30.0								
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1								
105	84	4.0 375 32.2 1583 2 3									
15	SB 2ND ST	AG191905.640219.191845.640144.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191845.640144.191808.640099.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191808.640099.191790.640058.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191790.640058.191779.640011.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191779.640011.191779.639965.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191779.639965.191789.639884.	150. 2.9 0. 32. 30.0								
15	SB 2ND ST	AG191789.639884.191805.639773.	150. 2.9 0. 32. 30.0								
22	SB 2ND ST	AG191805.639773.191855.639481.	150. 2.9 0. 32. 30.0								
23	NB 15	AG191857.640571.192459.641017.	2375. 4.2 0. 44. 59								
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.9 0. 32. 30.0								
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.9 0. 32. 30.0								
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.9 0. 32. 30.0								
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.9 0. 32. 30.0								
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.9 0. 32. 30.0								
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.9 0. 32. 30.0								
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1								
105	87	4.0 225 32.2 1682 2 3									
31	NB 15 ON	RAG191934.640223.191986.640270.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG191986.640270.192132.640439.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192132.640439.192165.640514.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192165.640514.192184.640621.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192184.640621.192226.640733.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192226.640733.192290.640837.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192290.640837.192329.640883.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192329.640883.192397.640944.	350. 2.9 0. 32. 30.0								
31	NB 15 ON	RAG192397.640944.192459.641017.	350. 2.9 0. 32. 30.0								
40	SB 15	AG192414.641075.191866.640671.	3575. 4.2 0. 44. 59								
41	SB 15	AG191866.640671.191396.640337.	3575. 4.2 0. 44. 59								

								S32B215A		
42	1	SB	15	OFFRAG191396.640337.191304.640300.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191304.640300.191225.640317.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191225.640317.191185.640352.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191185.640352.191163.640405.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191163.640405.191169.640531.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191169.640531.191199.640621.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191199.640621.191246.640695.		100.	2.9	0.	32.	30.0
42	1	SB	15	OFFRAG191246.640695.191307.640777.		75.	2.9	0.	32.	30.0
50	2	60	SB15 RAMP AG191284.640746.191251.640701.44 4.0 75 32.2 1308 2 3		0.	12.		1		
51	1	SB	15	OFFRAG191246.640695.191341.640730.		50.	2.9	0.	44.	30.0
52	2	60	SB15 RAMP AG191328.640725.191261.640700.44 4.0 50 32.2 1583 2 3		0.	24.		2		
53	1	SB	15	AG191396.640337.191282.640244.		3825.	4.2	0.	44.	59
54	1	SB	15	AG191282.640244.190930.639988.		3825.	4.2	0.	44.	59
55	1	SB	15	AG190930.639988.190811.639884.		3575.	4.2	0.	44.	59
56	1	WB	ROSEMONAG192403.639820.192097.640064.		300.	2.9	0.	44.		30
57	1	WB	ROSEMONAG192097.640064.191916.640222.		300.	2.9	0.	44.		30
58	2	105	WB ROSE Q AG191949.640193.192034.640119.83 4.0 300 32.2 1719 2 3		0.	24.		2		
59	1	WB	ROSEMONAG191916.640222.191878.640271.		300.	2.9	0.	44.		30
60	1	WB	ROSEMONAG191878.640271.191817.640307.		750.	2.9	0.	44.		30
61	1	WB	ROSEMONAG191817.640307.191306.640792.		750.	2.9	0.	44.		30
62	2	60	WB ROSE Q AG191330.640769.191421.640683.38 4.0 750 32.2 1726 2 3		0.	24.		2		
63	1	WB	ROSEMONAG191306.640792.191144.640951.		750.	2.9	0.	44.		30
64	1	WB	ROSEMONAG191144.640951.191046.641019.		750.	2.9	0.	44.		30
65	1	WB	ROSEMONAG191046.641019.190888.641123.		750.	2.9	0.	44.		30
66	1	EB	ROSEMONAG190873.641107.190977.641037.		1600.	2.9	0.	44.		30
67	1	SB	270 ONRAG190977.641037.191077.640931.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191077.640931.191137.640865.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191137.640865.191176.640783.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191176.640783.191178.640713.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191178.640713.191156.640575.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191156.640575.191108.640301.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191108.640301.191083.640220.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191083.640220.191038.640125.		700.	2.9	0.	32.		30
67	1	SB	270 ONRAG191038.640125.190930.639988.		700.	2.9	0.	32.		30
76	1	EB	ROSE AG190977.641037.191115.640951.		650.	2.9	0.	44.		30
77	1	EB	ROSE AG191115.640951.191305.640778.		650.	2.9	0.	44.		30
78	2	60	eB ROSE Q AG191279.640802.191187.640886.32 4.0 650 32.2 1763 2 3		0.	24.		2		
79	1	EB	ROSE AG191307.640777.191579.640509.		650.	2.9	0.	44		

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:00:32.20

RUN: FAIRFIELD PARK B215AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2375.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2375.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2375.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	500.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	500.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	500.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	500.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	500.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	500.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	500.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69. 100.0	.0	12.0	.69	4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191845.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69. 100.0	.0	12.0	1.66	87.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	150.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	150.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	150.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2375.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72. 100.0	.0	12.0	1.17	25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3575.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3575.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:00:32.20

RUN: FAIRFIELD PARK B215AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191273.3	640731.5	*	18.	216. AG	63. 100.0	.0	12.0	.35	.9
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191322.4	640722.9	*	6.	250. AG	127. 100.0	.0	24.0	.10	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3825.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3825.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3575.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q*	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137. 100.0	.0	24.0	.57	3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	300.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q*	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109. 100.0	.0	24.0	.82	4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	750.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	750.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	750.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q*	191279.0	640802.0	191237.0	640840.4	*	57.	312. AG	92. 100.0	.0	24.0	.50	2.9
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S32B215A

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	1225.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3575.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3575.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3575.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2375.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2375.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2375.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2375.	4.2	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:00:32.20

RUN: FAIRFIELD PARK B215AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	84	4.0	175	1770	32.20	2	3
14. 14	NBOFFRAMP	* 105	84	4.0	375	1583	32.20	2	3
30. 30	NB 2ND ST	* 105	87	4.0	225	1682	32.20	2	3
50. 50	SB15 RAMP	* 60	44	4.0	75	1308	32.20	2	3
52. 52	SB15 RAMP	* 60	44	4.0	50	1583	32.20	2	3
58. 58	WB ROSE Q	* 105	83	4.0	300	1719	32.20	2	3
62. 62	WB ROSE Q	* 60	38	4.0	750	1726	32.20	2	3
78. 78	EB ROSE Q	* 60	32	4.0	650	1763	32.20	2	3
81. 81	EB ROSE Q	* 105	57	4.0	1225	1716	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B215AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.4	.5	.4	.5	.4	.5	.5	.0	.1	.2	.0	.3	.2	.2	.0	.1	.1	.0	.2
5.	*	.4	.4	.5	.5	.5	.5	.6	.1	.2	.2	.0	.2	.2	.2	.0	.0	.1	.0	.0
10.	*	.4	.6	.5	.5	.5	.5	.5	.1	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0
15.	*	.4	.5	.5	.5	.5	.6	.5	.1	.2	.1	.0	.4	.1	.2	.0	.0	.0	.0	.2
20.	*	.4	.5	.5	.6	.5	.5	.6	.0	.1	.1	.0	.3	.2	.2	.0	.0	.0	.0	.2
25.	*	.5	.4	.5	.5	.5	.5	.6	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.2
30.	*	.5	.3	.3	.4	.5	.5	.7	.0	.1	.0	.0	.2	.0	.2	.0	.0	.0	.0	.2
35.	*	.3	.3	.3	.4	.5	.4	.6	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.2
40.	*	.3	.2	.2	.4	.3	.4	.6	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0
45.	*	.0	.1	.1	.2	.3	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50.	*	.0	.0	.1	.0	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

170. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 175. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
 205. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B215AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
210.	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.1	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.1	.3	.3	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.2	.3	.4	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	.3	.4	.3	.4	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	.3	.5	.5	.5	.3	.5	.6	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
240.	.3	.4	.5	.5	.5	.6	.5	.0	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0
245.	.4	.5	.5	.5	.5	.6	.6	.0	.2	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0
250.	.4	.5	.6	.5	.5	.5	.6	.0	.3	.2	.0	.3	.2	.1	.0	.0	.0	.0	.1
255.	.4	.5	.5	.5	.6	.5	.6	.0	.2	.2	.0	.3	.2	.1	.0	.0	.0	.0	.1
260.	.4	.5	.5	.5	.4	.5	.6	.0	.2	.3	.0	.3	.2	.2	.1	.0	.0	.0	.1
265.	.4	.5	.4	.5	.4	.5	.6	.1	.2	.2	.0	.2	.2	.2	.0	.1	.0	.0	.1
270.	.4	.4	.4	.5	.4	.5	.5	.1	.1	.2	.1	.2	.1	.2	.0	.1	.0	.0	.1
275.	.4	.4	.4	.5	.4	.5	.5	.1	.2	.2	.1	.2	.2	.2	.0	.1	.1	.0	.1
280.	.4	.4	.4	.3	.4	.5	.5	.1	.2	.2	.1	.3	.2	.1	.2	.1	.1	.0	.1
285.	.4	.4	.4	.4	.5	.5	.5	.1	.2	.2	.1	.3	.2	.2	.1	.0	.1	.0	.2
290.	.5	.4	.4	.4	.4	.4	.5	.1	.2	.2	.1	.2	.2	.1	.1	.0	.1	.0	.1
295.	.4	.4	.4	.4	.4	.5	.4	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.1	.1
300.	.4	.4	.4	.4	.4	.5	.5	.1	.2	.1	.1	.2	.2	.2	.1	.1	.0	.1	.2
305.	.4	.4	.4	.3	.5	.5	.5	.1	.2	.1	.1	.2	.2	.2	.1	.1	.0	.1	.1
310.	.4	.4	.5	.4	.4	.5	.5	.1	.2	.2	.2	.2	.2	.2	.1	.1	.0	.1	.1
315.	.4	.4	.4	.4	.4	.5	.5	.1	.2	.2	.2	.2	.2	.2	.0	.1	.1	.1	.1
320.	.4	.4	.4	.4	.4	.5	.5	.1	.2	.2	.1	.2	.2	.2	.1	.1	.1	.0	.2
325.	.3	.4	.4	.4	.4	.5	.5	.1	.2	.2	.1	.2	.0	.2	.2	.1	.1	.0	.2
330.	.4	.4	.5	.4	.4	.5	.5	.1	.2	.3	.1	.2	.2	.2	.2	.0	.1	.0	.2
335.	.4	.4	.4	.4	.4	.4	.5	.1	.2	.2	.1	.2	.2	.2	.1	.0	.1	.1	.2
340.	.4	.4	.4	.4	.4	.4	.5	.1	.2	.2	.1	.2	.2	.2	.1	.1	.1	.1	.2
345.	.3	.4	.4	.4	.4	.5	.5	.0	.2	.2	.1	.2	.2	.1	.1	.1	.0	.1	.2
350.	.4	.4	.3	.5	.4	.4	.5	.0	.2	.2	.1	.2	.2	.2	.1	.1	.0	.1	.2
355.	.4	.5	.4	.5	.4	.3	.5	.0	.2	.2	.0	.2	.2	.2	.1	.1	.1	.0	.2
360.	.4	.5	.4	.5	.4	.5	.5	.0	.1	.2	.0	.3	.2	.2	.0	.1	.1	.0	.2
MAX	.5	.6	.6	.6	.6	.6	.7	.2	.3	.3	.2	.4	.2	.2	.2	.2	.1	.1	.2
DEGR.	25	10	250	20	255	15	30	295	250	260	310	15	0	0	280	295	0	295	0

THE HIGHEST CONCENTRATION IS .70 PPM AT 30 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 10 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 250 DEGREES FROM REC3 .

1

JOB: S 32 FAIRFIELD PARK

DATE: 03/15/2007 TIME: 20:00:32.20

RUN: FAIRFIELD PARK

B215AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
1	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32B215A

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B215AM

PAGE 7

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)																
	REC1 25	REC2 10	REC3 250	REC4 20	REC5 255	REC6 15	REC7 30	REC8 295	REC9 250	REC10 260	REC11 310	REC12 15	REC13 0	REC14 0	REC15 280	REC16 295	REC17 0	REC18 295	REC19 0
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.0	.2	.2	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0
84	*	.1	.2	.2	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
85	*	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
87	*	.1	.1	.0	.3	.3	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.2	.2	.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

										S32B215P	
S 32 FAIRFIELD PARK										60.0175.0.0000.000190.30480000	11 1
R44	FAIRFIELD PARK	190274.	639079.	5.							
R45	FAIRFIELD PARK	190375.	639222.	5.							
R46	FAIRFIELD PARK	190467.	639339.	5.							
R47	FAIRFIELD PARK	190581.	639473.	5.							
R48	FAIRFIELD PARK	190726.	639624.	5.							
R49	FAIRFIELD PARK	190848.	639754.	5.							
R50	FAIRFIELD PARK	190942.	639845.	5.							
R51	RES FAIRFIELD PA	190945.	639379.	5.							
R55	BALLFIELD FAIRFI	190691.	639375.	5.							
R56	BALLFIELD FAIRFI	190607.	639267.	5.							
R54	RES FAIRFIELD PA	190868.	639277.	5.							
R55	RES FAIRFIELD PA	190819.	639611.	5.							
R56	RES FAIRFIELD P	190987.	639634.	5.							
R57	RES FAIRFIELD P	191134.	639765.	5.							
R58	RES FAIRFIELD P	190787.	639175.	5.							
R59	RES FAIRFIELD P	190707.	639057.	5.							
R60	RES FAIRFIELD P	190616.	638923.	5.							
R61	RES FAIRFIELD P	190514.	638783.	5.							
R62	RES FAIRFIELD P	191275.	639813.	5.							
FAIRFIELD PARK		B215PM	89	1	1						
1											
1	NB 15	AG190860.639818.191068.639999.	3250. 4.2	0. 44.	59						
2	NB 15	AG191068.639999.191332.640193.	3250. 4.2	0. 44.	59						
3	NB 15	AG191332.640193.191857.640571.	3250. 4.2	0. 44.	59						
4	NB OFFRAMPAG	191857.640571.191960.640623.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	191960.640623.192030.640626.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	192030.640626.192088.640593.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	192088.640593.192120.640535.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	192120.640535.192120.640486.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	192120.640486.192104.640441.	675. 2.9	0. 32.	30.0						
4	NB OFFRAMPAG	192104.640441.191970.640296.	675. 2.9	0. 32.	30.0						
11	NB OFFRAMPAG	191970.640296.191905.640219.	200. 2.9	0. 32.	30.0						
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1							
145	123	4.0 200 32.2 1770 2 3									
14	NB OFFRAMPAG	191970.640296.191878.640271.	475. 2.9	0. 32.	30.0						
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1							
145	123	4.0 475 32.2 1583 2 3									
15	SB 2ND ST	AG191905.640219.191845.640144.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191845.640144.191808.640099.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191808.640099.191790.640058.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191790.640058.191779.640011.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191779.640011.191779.639965.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191779.639965.191789.639884.	275. 2.9	0. 32.	30.0						
15	SB 2ND ST	AG191789.639884.191805.639773.	275. 2.9	0. 32.	30.0						
22	SB 2ND ST	AG191805.639773.191855.639481.	275. 2.9	0. 32.	30.0						
23	NB 15	AG191857.640571.192459.641017.	3250. 4.2	0. 44.	59						
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.9	0. 32.	30.0						
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.9	0. 32.	30.0						
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.9	0. 32.	30.0						
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.9	0. 32.	30.0						
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.9	0. 32.	30.0						
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.9	0. 32.	30.0						
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1							
145	114	4.0 650 32.2 1680 2 3									
31	NB 15 ON	RAG191934.640223.191986.640270.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG191986.640270.192132.640439.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192132.640439.192165.640514.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192165.640514.192184.640621.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192184.640621.192226.640733.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192226.640733.192290.640837.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192290.640837.192329.640883.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192329.640883.192397.640944.	275. 2.9	0. 32.	30.0						
31	NB 15 ON	RAG192397.640944.192459.641017.	275. 2.9	0. 32.	30.0						
40	SB 15	AG192414.641075.191866.640671.	3175. 4.2	0. 44.	59						
41	SB 15	AG191866.640671.191396.640337.	3175. 4.2	0. 44.	59						

41	1	SB 15	OFFRAG191396.640337.191304.640300.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191304.640300.191225.640317.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191225.640317.191185.640352.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191185.640352.191163.640405.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.9	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.53 4.0 75 32.2 1342 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	25.	2.9	0.	44.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.70 53 4.0 25 32.2 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	2875.	4.2	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	2875.	4.2	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	3175.	4.2	0.	44.	59
56	1	WB ROSEMONAG	192403.639820.192097.640064.	775.	2.9	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	775.	2.9	0.	44.	30
58	2	WB ROSE Q	AG191949.640193.192034.640119.145 112 4.0 775 32.2 1727 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	775.	2.9	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	1050.	2.9	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	1050.	2.9	0.	44.	30
62	2	WB ROSE Q	AG191330.640769.191421.640683.70 39 4.0 1050 32.2 1749 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	1050.	2.9	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	1050.	2.9	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	1050.	2.9	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1600	2.9	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	650.	2.9	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	650.	2.9	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	700.	2.9	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	700.	2.9	0.	44.	30
78	2	eB ROSE Q	AG191279.640802.191187.640886.70 42 4.0 700 32.2 1760 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	700.	2.9	0.	44.	30
80	1	EB ROSE	AG191579.640509.191907.640207.	850.	2.9	0.	44.	30
81	2	EB ROSE Q	AG191867.640244.191768.640335.145 85 4.0 850 32.2 1711 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	850.	2.9	0.	44.	30
80	1	SB						

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:05:47.03

RUN: FAIRFIELD PARK B215PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)			(G/MI)	(FT)	(FT)		(VEH)
1.	1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49.	AG	3250.	4.2	.0	44.0		
2.	2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54.	AG	3250.	4.2	.0	44.0		
3.	3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54.	AG	3250.	4.2	.0	44.0		
4.	4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63.	AG	675.	2.9	.0	32.0		
5.	4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88.	AG	675.	2.9	.0	32.0		
6.	4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120.	AG	675.	2.9	.0	32.0		
7.	4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151.	AG	675.	2.9	.0	32.0		
8.	4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180.	AG	675.	2.9	.0	32.0		
9.	4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200.	AG	675.	2.9	.0	32.0		
10.	4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223.	AG	675.	2.9	.0	32.0		
11.	11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220.	AG	200.	2.9	.0	32.0		
12.	12	NBOFFRAMP*	191923.0	640241.0	192074.4	640417.9	*	233.	41.	AG	73.	100.0	.0	12.0	1.03	11.8
13.	14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255.	AG	475.	2.9	.0	32.0		
14.	14	NBOFFRAMP*	191897.0	640277.0	195186.1	641165.7	*	3407.	75.	AG	73.	100.0	.0	12.0	2.73	173.1
15.	15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219.	AG	275.	2.9	.0	32.0		
16.	15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219.	AG	275.	2.9	.0	32.0		
17.	15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204.	AG	275.	2.9	.0	32.0		
18.	15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193.	AG	275.	2.9	.0	32.0		
19.	15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180.	AG	275.	2.9	.0	32.0		
20.	15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173.	AG	275.	2.9	.0	32.0		
21.	15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172.	AG	275.	2.9	.0	32.0		
22.	22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170.	AG	275.	2.9	.0	32.0		
23.	23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53.	AG	3250.	4.2	.0	44.0		
24.	24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350.	AG	650.	2.9	.0	32.0		
25.	24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356.	AG	650.	2.9	.0	32.0		
26.	24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353.	AG	650.	2.9	.0	32.0		
27.	24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9.	AG	650.	2.9	.0	32.0		
28.	24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29.	AG	650.	2.9	.0	32.0		
29.	24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41.	AG	650.	2.9	.0	32.0		
30.	30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221.	AG	68.	100.0	.0	12.0	2.25	207.6
31.	31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48.	AG	275.	2.9	.0	32.0		
32.	31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41.	AG	275.	2.9	.0	32.0		
33.	31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24.	AG	275.	2.9	.0	32.0		
34.	31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10.	AG	275.	2.9	.0	32.0		
35.	31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21.	AG	275.	2.9	.0	32.0		
36.	31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32.	AG	275.	2.9	.0	32.0		
37.	31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40.	AG	275.	2.9	.0	32.0		
38.	31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48.	AG	275.	2.9	.0	32.0		
39.	31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40.	AG	275.	2.9	.0	32.0		
40.	40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234.	AG	3175.	4.2	.0	44.0		
41.	41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235.	AG	3175.	4.2	.0	44.0		
42.	42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248.	AG	100.	2.9	.0	32.0		
43.	42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282.	AG	100.	2.9	.0	32.0		
44.	42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311.	AG	100.	2.9	.0	32.0		

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:05:47.03

RUN: FAIRFIELD PARK B215PM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)			(G/MI)	(FT)	(FT)		(VEH)
45.	42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337.	AG	100.	2.9	.0	32.0		
46.	42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3.	AG	100.	2.9	.0	32.0		
47.	42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18.	AG	100.	2.9	.0	32.0		
48.	42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32.	AG	100.	2.9	.0	32.0		
49.	42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37.	AG	75.	2.9	.0	32.0		
50.	50	SB15 RAMP *	191284.0	640746.0	191271.1	640728.5	*	22.	216.	AG	65.	100.0	.0	12.0	.36	1.1
51.	51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70.	AG	25.	2.9	.0	44.0		
52.	52	SB15 RAMP *	191328.0	640725.0	191324.7	640723.8	*	3.	249.	AG	131.	100.0	.0	24.0	.05	.2
53.	53	SB 15 *	191396.0	640337.0	191282.0	640244.0	*	147.	231.	AG	2875.	4.2	.0	44.0		
54.	54	SB 15 *	191282.0	640244.0	190930.0	639988.0	*	435.	234.	AG	2875.	4.2	.0	44.0		
55.	55	SB 15 *	190930.0	639988.0	190811.0	639884.0	*	158.	229.	AG	3175.	4.2	.0	44.0		
56.	56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309.	AG	775.	2.9	.0	44.0		
57.	57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311.	AG	775.	2.9	.0	44.0		
58.	58	WB ROSE Q *	191949.0	640193.0	192671.6	639564.2	*	958.	131.	AG	133.	100.0	.0	24.0	1.21	48.7
59.	59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322.	AG	775.	2.9	.0	44.0		
60.	60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301.	AG	1050.	2.9	.0	44.0		
61.	61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314.	AG	1050.	2.9	.0	44.0		
62.	62	WB ROSE Q *	191330.0	640769.0	191417.3	640686.5	*	120.	133.	AG	96.	100.0	.0	24.0	.84	6.1
63.	63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314.	AG	1050.	2.9	.0	44.0		
64.	64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305.	AG	1050.	2.9	.0	44.0		
65.	65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303.	AG	1050.	2.9	.0	44.0		
66.	66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124.	AG	1600.	2.9	.0	44.0		
67.	67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137.	AG	650.	2.9	.0	32.0		
68.	67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138.	AG	650.	2.9	.0	32.0		
69.	67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155.	AG	650.	2.9	.0	32.0		
70.	67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178.	AG	650.	2.9	.0	32.0		
71.	67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189.	AG	650.	2.9	.0	32.0		
72.	67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190.	AG	650.	2.9	.0	32.0		
73.	67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197.	AG	650.	2.9	.0	32.0		
74.	67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205.	AG	650.	2.9	.0	32.0		
75.	67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218.	AG	650.	2.9	.0	32.0		
76.	76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122.	AG	700.	2.9	.0	44.0		
77.	77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132.	AG	700.	2.9	.0	44.0		
78.	78	eB ROSE Q *	191279.0	640802.0	191219.7	640856.2	*	80.	312.	AG	104.	100.0	.0	24.0	.63	4.1
79.	79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135.	AG	700.	2.9	.0	44.0		
80.	80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133.	AG	850.	2.9	.0	44.0		

S32B215P

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	*	198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	850.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3175.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3175.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3175.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3250.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3250.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3250.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3250.	4.2	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 03/15/2007 TIME: 20:05:47.03

RUN: FAIRFIELD PARK B215PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 145	123	4.0	200	1770	32.20	2	3
14. 14	NBOFFRAMP	* 145	123	4.0	475	1583	32.20	2	3
30. 30	NB 2ND ST	* 145	114	4.0	650	1680	32.20	2	3
50. 50	SB15 RAMP	* 70	53	4.0	75	1342	32.20	2	3
52. 52	SB15 RAMP	* 70	53	4.0	25	1583	32.20	2	3
58. 58	WB ROSE Q	* 145	112	4.0	775	1727	32.20	2	3
62. 62	WB ROSE Q	* 70	39	4.0	1050	1749	32.20	2	3
78. 78	eB ROSE Q	* 70	42	4.0	700	1760	32.20	2	3
81. 81	EB ROSE Q	* 145	85	4.0	850	1711	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)			* *
		X	Y	Z	
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B215PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.5	.5	.5	.6	.5	.5	.6	.1	.3	.2	.0	.3	.2	.2	.0	.1	.1	.0	.1	
5.	*	.5	.5	.5	.6	.5	.5	.5	.1	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1	
10.	*	.5	.6	.5	.6	.5	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1	
15.	*	.5	.6	.6	.6	.6	.6	.6	.0	.2	.3	.0	.3	.3	.2	.0	.0	.0	.0	.1	
20.	*	.6	.5	.6	.6	.5	.7	.7	.0	.1	.2	.0	.3	.2	.1	.0	.0	.0	.0	.2	
25.	*	.6	.6	.6	.5	.6	.7	.8	.0	.2	.1	.0	.2	.1	.2	.0	.0	.0	.0	.2	
30.	*	.5	.4	.5	.4	.6	.5	.8	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.2	
35.	*	.4	.4	.5	.4	.4	.6	.6	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.1	
40.	*	.2	.3	.4	.3	.4	.5	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1	
45.	*	.2	.1	.2	.3	.4	.6	.7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	
50.	*	.0	.1	.1	.1	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
55.	*	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
60.	*	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
65.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
70.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
75.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	

170. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0
 175. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0
 180. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0
 185. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0
 190. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0
 195. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1
 200. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1
 205. * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B215PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
210.	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1
215.	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
220.	.2	.2	.4	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
225.	.2	.4	.5	.5	.4	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
230.	.4	.4	.5	.6	.5	.6	.5	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
235.	.4	.5	.5	.6	.5	.6	.6	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0
240.	.4	.6	.6	.5	.6	.6	.7	.0	.2	.2	.0	.3	.0	.1	.0	.0	.0	.0	.0
245.	.4	.5	.6	.6	.6	.7	.8	.0	.2	.2	.0	.2	.2	.1	.0	.0	.0	.0	.0
250.	.5	.6	.6	.7	.6	.7	.7	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.0
255.	.5	.5	.6	.6	.5	.6	.8	.1	.2	.2	.0	.4	.1	.2	.0	.0	.0	.0	.1
260.	.5	.6	.5	.6	.5	.6	.7	.1	.2	.2	.1	.3	.2	.2	.0	.0	.0	.0	.2
265.	.5	.5	.5	.6	.5	.6	.7	.1	.2	.2	.1	.3	.2	.2	.0	.0	.0	.0	.2
270.	.5	.5	.5	.6	.5	.6	.7	.1	.3	.2	.1	.2	.3	.2	.1	.1	.1	.0	.2
275.	.5	.4	.5	.4	.5	.6	.5	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.1
280.	.4	.4	.5	.4	.5	.6	.6	.1	.2	.2	.1	.3	.2	.3	.1	.1	.2	.0	.1
285.	.5	.4	.5	.5	.5	.6	.6	.1	.2	.2	.1	.3	.2	.2	.2	.1	.2	.0	.1
290.	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.1	.2	.1	.1	.1	.1
295.	.5	.5	.5	.5	.6	.6	.5	.2	.2	.2	.1	.2	.2	.2	.1	.1	.1	.2	.1
300.	.5	.5	.5	.5	.5	.6	.5	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.2	.1
305.	.5	.5	.5	.4	.5	.6	.6	.2	.2	.3	.1	.3	.2	.2	.1	.2	.1	.2	.2
310.	.5	.5	.5	.4	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.1	.2	.1	.1	.2
315.	.4	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.1	.1	.1	.1	.1	.2
320.	.4	.5	.6	.5	.5	.6	.6	.1	.2	.2	.2	.3	.2	.1	.1	.1	.2	.0	.2
325.	.4	.5	.5	.5	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.1	.0	.2	.1	.2
330.	.5	.5	.5	.5	.5	.4	.6	.2	.2	.1	.1	.3	.2	.2	.2	.1	.2	.1	.2
335.	.5	.5	.5	.5	.5	.4	.6	.2	.2	.2	.1	.3	.2	.2	.2	.1	.1	.1	.2
340.	.5	.5	.5	.5	.5	.5	.5	.1	.2	.2	.2	.3	.2	.2	.2	.1	.0	.2	.2
345.	.4	.5	.4	.5	.5	.5	.5	.0	.2	.2	.2	.3	.2	.3	.1	.2	.0	.2	.2
350.	.4	.5	.4	.5	.5	.5	.6	.0	.2	.2	.1	.3	.1	.2	.1	.2	.1	.0	.2
355.	.5	.5	.5	.6	.5	.5	.6	.0	.3	.2	.0	.3	.1	.2	.1	.1	.1	.0	.2
360.	.5	.5	.5	.6	.5	.5	.6	.1	.3	.2	.0	.3	.2	.2	.0	.1	.1	.0	.1
MAX	.6	.6	.6	.7	.6	.7	.8	.2	.3	.3	.2	.4	.3	.3	.2	.2	.2	.2	.2
DEGR.	20	10	15	250	15	245	25	275	0	15	275	255	15	280	285	300	280	295	20

THE HIGHEST CONCENTRATION IS .80 PPM AT 25 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 250 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 245 DEGREES FROM REC6 .

1

JOB: S 32 FAIRFIELD PARK

DATE: 03/15/2007 TIME: 20:05:47.03

RUN: FAIRFIELD PARK

B215PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
1	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32B215P

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B215PM

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
	20	10	15	250	15	245	25	275	0	15	275	255	15	280	285	300	280	295
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.2	.0	.1	.2	.0	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0
84	*	.1	.1	.0	.2	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
86	*	.0	.0	.0	.0	.4	.4	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0
87	*	.1	.1	.4	.4	.0	.1	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0
88	*	.3	.3	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1

S32NB30A.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	2030 AM		89 1 1		

1	NB 15	AG190860.639818.191068.639999.	3450. 3.5 0. 44.	55
2	NB 15	AG191068.639999.191332.640193.	3450. 3.5 0. 44.	55
3	NB 15	AG191332.640193.191857.640571.	3450. 3.5 0. 44.	55
4	NB OFFRAMPAG	191857.640571.191960.640623.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	650. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	650. 2.6 0. 32. 30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	225. 2.6 0. 32. 30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1	
135	81	4.0 1 28.3 1770 2 3		
14	NB OFFRAMPAG	191970.640296.191878.640271.	425. 2.6 0. 32. 30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1	
135	112	4.0 425 28.3 1583 2 3		
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.6 0. 32. 30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.6 0. 32. 30.0	
23	NB 15	AG191857.640571.192459.641017.	3000. 3.5 0. 44. 54.1	
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.6 0. 32. 30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1	
135	115	4.0 225 28.3 1715 2 3		
31	NB 15 ON	RAG191934.640223.191986.640270.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	200. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	200. 2.6 0. 32. 30.0	
40	SB 15	AG192414.641075.191866.640671.	4050. 3.4 0. 44. 50	
41	SB 15	AG191866.640671.191396.640337.	4050. 3.4 0. 44. 50	

41	SB 15 OFFRAG191396.640337.191304.640300.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	150. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50	SB15 RAMP AG191284.640746.191251.640701. 65 49 4.0 1 28.3 1493 2 3	0. 12.	1	
51	SB 15 OFFRAG191246.640695.191341.640730.	75. 2.6	0. 44.	30.0
52	SB15 RAMP AG191328.640725.191261.640700. 65 49 4.0 75 28.3 1446 2 3	0. 24.	2	
53	SB 15 AG191396.640337.191282.640244.	3900. 3.2	0. 44.	48
54	SB 15 AG191282.640244.190930.639988.	3900. 3.2	0. 44.	48
55	SB 15 AG190930.639988.190811.639884.	4725. 3.2	0. 44.	48
56	WB ROSEMONAG192403.639820.192097.640064.	400. 2.6	0. 44.	30
57	WB ROSEMONAG192097.640064.191916.640222.	400. 2.6	0. 44.	30
58	WB ROSE Q AG191949.640193.192034.640119. 135 113 4.0 400 28.3 1715 2 3	0. 24.	2	
59	WB ROSEMONAG191916.640222.191878.640271.	450. 2.6	0. 44.	30
60	WB ROSEMONAG191878.640271.191817.640307.	875. 2.6	0. 44.	30
61	WB ROSEMONAG191817.640307.191306.640792.	875. 2.6	0. 44.	30
62	WB ROSE Q AG191330.640769.191421.640683. 65 40 4.0 875 28.3 1730 2 3	0. 24.	2	
63	WB ROSEMONAG191306.640792.191144.640951.	800. 2.6	0. 44.	30
64	WB ROSEMONAG191144.640951.191046.641019.	800. 2.6	0. 44.	30
65	WB ROSEMONAG191046.641019.190888.641123.	800. 2.6	0. 44.	30
66	EB ROSEMONAG190873.641107.190977.641037.	1575. 2.6	0. 44.	30
67	SB 270 ONRAG190977.641037.191077.640931.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191077.640931.191137.640865.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191137.640865.191176.640783.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191176.640783.191178.640713.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191178.640713.191156.640575.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191156.640575.191108.640301.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191108.640301.191083.640220.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191083.640220.191038.640125.	825. 2.6	0. 32.	30
67	SB 270 ONRAG191038.640125.190930.639988.	825. 2.6	0. 32.	30
76	EB ROSE AG190977.641037.191115.640951.	825. 2.6	0. 44.	30
77	EB ROSE AG191115.640951.191305.640778.	825. 2.6	0. 44.	30
78	eB ROSE Q AG191279.640802.191187.640886. 65 33 4.0 825 28.3 1764 2 3	0. 24.	2	
79	EB ROSE AG191307.640777.191579.640509.	900. 2.6	0. 44.	30
80	EB ROSE AG191579.640509.191907.640207.	1425. 2.6	0. 44.	30
81	EB ROSE Q AG191867.640244.191768.640335. 135 61 4.0 1425 28.3 1716 2 3	0. 24.	2	
80	EB ROSE AG191907.640207.192388.639800.	975. 2.6	0. 44.	30
80	SB 15 AG190810.639884.190461.639523.	4725. 3.3	0.44.0	48
80	SB 15 AG190461.639524.190212.639214.	4725. 3.3	0.44.0	48
80	SB 15 AG190212.639214.190004.638912.	4725. 3.3	0.44.0	48
80	NB 15 AG190860.639817.190678.639647.	3450. 3.5	0.44.0	55
80	NB 15 AG190678.639647.190434.639378.	3450. 3.5	0.44.0	55
80	NB 15 AG190434.639378.190212.639090.	3450. 3.5	0.44.0	55
80	NB 15 AG190212.639090.190063.638865.	3450. 3.5	0.44.0	55
1.0	0.4 1000. 0.0Y 5 0 72			

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:16.97

RUN: FAIRFIELD PARK 2030 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3450.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3450.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3450.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	225.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	425.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194397.2	640952.5	*	2590.	75. AG	63.	100.0	.0	12.0	2.14 131.6
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3000.	3.5	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191456.4	639680.2	*	673.	221. AG	65.	100.0	.0	12.0	1.27 34.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4050.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4050.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:16.97

RUN: FAIRFIELD PARK 2030 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.8	*	0.	215. AG	57.	100.0	.0	12.0	.00 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.17 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3900.	3.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3900.	3.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4725.	3.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	400.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	400.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192075.1	640083.3	*	167.	131. AG	127.	100.0	.0	24.0	.99 8.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	450.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	875.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	875.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.2	640692.3	*	112.	133. AG	93.	100.0	.0	24.0	.87 5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	800.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	800.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	800.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1575.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	825.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	825.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	825.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	825.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	825.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	825.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	825.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	825.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	825.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	825.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	825.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191224.1	640852.2	*	74.	312. AG	77.	100.0	.0	24.0	.58 3.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1425.	2.6	.0	44.0	

S32NB30A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191692.1	640404.7	*	237.	313.	AG	69.	100.0	.0	24.0	.82	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	975.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4725.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4725.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4725.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3450.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3450.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3450.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3450.	3.5	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:16.97

RUN: FAIRFIELD PARK 2030 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP *	135	112	4.0	425	1583	28.30	2 3
30. 30	NB 2ND ST *	135	115	4.0	225	1715	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1446	28.30	2 3
58. 58	WB ROSE Q *	135	113	4.0	400	1715	28.30	2 3
62. 62	WB ROSE Q *	65	40	4.0	875	1730	28.30	2 3
78. 78	eB ROSE Q *	65	33	4.0	825	1764	28.30	2 3
81. 81	EB ROSE Q *	135	61	4.0	1425	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.5	.5	.5	.5	.5	.6	.6	.0	.3	.2	.0	.3	.2	.2	.0	.1	.1	.0	.1
5.	*	.5	.5	.5	.5	.5	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.0	.1	.0	.1
10.	*	.5	.7	.5	.5	.5	.6	.5	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1
15.	*	.5	.6	.5	.5	.5	.6	.6	.0	.2	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1
20.	*	.5	.5	.5	.6	.5	.6	.6	.0	.1	.2	.0	.3	.2	.1	.0	.0	.0	.0	.2
25.	*	.5	.6	.5	.6	.6	.6	.6	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2
30.	*	.5	.4	.5	.4	.6	.6	.7	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.2
35.	*	.3	.3	.4	.4	.5	.6	.6	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.1
40.	*	.3	.2	.4	.3	.4	.5	.5	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0
45.	*	.0	.1	.1	.2	.3	.4	.7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
50.	*	.0	.1	.1	.1	.2	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32NB30A.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
210.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.3	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.2	.4	.4	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
230.	*	.3	.4	.5	.6	.4	.5	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.6	.5	.5	.5	.5	.6	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
240.	*	.4	.6	.5	.7	.5	.6	.7	.0	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0
245.	*	.5	.5	.5	.6	.5	.8	.6	.0	.2	.2	.0	.2	.2	.1	.0	.0	.0	.0	.0
250.	*	.5	.5	.6	.6	.5	.7	.7	.0	.3	.2	.0	.3	.2	.2	.0	.0	.0	.0	.1
255.	*	.4	.5	.5	.5	.6	.6	.7	.0	.2	.2	.0	.4	.2	.2	.0	.0	.0	.0	.1
260.	*	.4	.5	.5	.5	.5	.6	.6	.1	.2	.3	.0	.3	.2	.2	.1	.0	.0	.0	.1
265.	*	.5	.5	.5	.5	.5	.6	.7	.1	.2	.2	.1	.2	.2	.2	.1	.1	.0	.0	.1
270.	*	.5	.5	.5	.5	.5	.6	.6	.1	.3	.2	.2	.2	.2	.2	.1	.1	.0	.0	.1
275.	*	.4	.5	.5	.5	.4	.6	.6	.1	.2	.2	.1	.2	.2	.2	.1	.1	.1	.0	.2
280.	*	.4	.5	.5	.5	.5	.5	.6	.2	.2	.2	.1	.3	.2	.3	.2	.1	.1	.0	.1
285.	*	.5	.5	.5	.5	.5	.5	.6	.1	.2	.2	.1	.3	.2	.2	.2	.1	.1	.0	.2
290.	*	.5	.5	.5	.5	.5	.5	.5	.1	.2	.2	.1	.3	.2	.3	.2	.1	.1	.1	.1
295.	*	.4	.5	.5	.5	.4	.5	.5	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1
300.	*	.4	.5	.4	.5	.5	.5	.5	.2	.2	.2	.1	.2	.2	.2	.1	.2	.0	.2	.1
305.	*	.4	.5	.5	.5	.5	.5	.5	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.2	.2
310.	*	.4	.5	.5	.5	.5	.5	.5	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1
315.	*	.4	.5	.5	.5	.4	.5	.5	.1	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	.2
320.	*	.5	.5	.4	.5	.5	.5	.5	.1	.2	.2	.2	.2	.2	.1	.1	.1	.2	.0	.2
325.	*	.4	.5	.5	.5	.5	.5	.5	.2	.2	.2	.1	.2	.1	.2	.2	.1	.2	.0	.2
330.	*	.5	.5	.5	.5	.5	.5	.5	.2	.2	.3	.1	.2	.2	.2	.2	.1	.1	.1	.2
335.	*	.5	.5	.5	.5	.5	.4	.5	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.2	.2
340.	*	.5	.5	.4	.5	.5	.5	.5	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.2	.2
345.	*	.5	.5	.5	.5	.5	.5	.5	.0	.2	.2	.1	.2	.2	.2	.1	.2	.0	.2	.2
350.	*	.5	.5	.6	.5	.5	.5	.6	.0	.2	.2	.1	.2	.2	.2	.1	.2	.0	.1	.2
355.	*	.5	.5	.5	.5	.5	.5	.6	.0	.2	.2	.0	.2	.2	.2	.1	.1	.1	.0	.2
360.	*	.5	.5	.5	.5	.5	.6	.6	.0	.3	.2	.0	.3	.2	.2	.0	.1	.1	.0	.1
MAX		.5	.7	.6	.7	.6	.8	.7	.2	.3	.3	.2	.4	.2	.3	.2	.2	.2	.2	.2
DEGR.	*	0	10	250	240	25	245	45	280	0	260	270	255	0	280	280	295	315	295	20

THE HIGHEST CONCENTRATION IS .80 PPM AT 245 DEGREES FROM REC6 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 240 DEGREES FROM REC4 .

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 AM

PAGE 6

DATE: 12/20/2006 TIME: 14:16:16.97

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
1	*	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32NB30A.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 AM

PAGE 7

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)																
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
	0	10	250	240	25	245	45	280	0	260	270	255	0	280	280	295	315	295	20
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.0	.0	.1	.2	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0
84	*	.2	.2	.2	.2	.0	.1	.0	.1	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0
85	*	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.0	.3	.4	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
87	*	.0	.1	.0	.3	.0	.1	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
88	*	.3	.3	.3	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

S32NB30P.DAT

S 32 FAIRFIELD PARK		60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.	
R45 FAIRFIELD PARK	190375.	639222.	5.	
R46 FAIRFIELD PARK	190467.	639339.	5.	
R47 FAIRFIELD PARK	190581.	639473.	5.	
R48 FAIRFIELD PARK	190726.	639624.	5.	
R49 FAIRFIELD PARK	190848.	639754.	5.	
R50 FAIRFIELD PARK	190942.	639845.	5.	
R51 RES FAIRFIELD PA	190945.	639379.	5.	
R55 BALLFIELD FAIRFI	190691.	639375.	5.	
R56 BALLFIELD FAIRFI	190607.	639267.	5.	
R54 RES FAIRFIELD PA	190868.	639277.	5.	
R55 RES FAIRFIELD PA	190819.	639611.	5.	
R56 RES FAIRFIELD P	190987.	639634.	5.	
R57 RES FAIRFIELD P	191134.	639765.	5.	
R58 RES FAIRFIELD P	190787.	639175.	5.	
R59 RES FAIRFIELD P	190707.	639057.	5.	
R60 RES FAIRFIELD P	190616.	638923.	5.	
R61 RES FAIRFIELD P	190514.	638783.	5.	
R62 RES FAIRFIELD P	191275.	639813.	5.	
FAIRFIELD PARK	2030 PM	89	1	1

1	NB 15	AG190860.639818.191068.639999.	4675. 3.1	0. 44.	46
2	NB 15	AG191068.639999.191332.640193.	4675. 3.1	0. 44.	46
3	NB 15	AG191332.640193.191857.640571.	4675. 3.1	0. 44.	46
4	NB OFFRAMPAG	191857.640571.191960.640623.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	850. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	850. 2.6	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	75. 2.6	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
135	81	4.0 1 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	50. 2.6	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
90	72	4.0 50 28.3 1723 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	150. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	150. 2.6	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	150. 2.6	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	4225. 3.6	0. 44.	56
24	NB 2ND ST	AG191873.639485.191811.639835.	100. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	100. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	100. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	100. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	100. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	100. 2.6	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
90	74	4.0 100 28.3 1463 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192290.640837.192329.640883.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	350. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	350. 2.6	0. 32.	30.0
40	SB 15	AG192414.641075.191866.640671.	3775. 3.4	0. 44.	53
41	SB 15	AG191866.640671.191396.640337.	3775. 3.4	0. 44.	53

Page 1

41	1	SB 15 OFFRAG191396.640337.191304.640300.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701.72 4.0 1 28.3 1493 2 3	0.	12.	1		
51	1	SB 15 OFFRAG191246.640695.191341.640730.	25.	2.6	0.	32.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700.72 4.0 25 28.3 1463 2 3	0.	12.	1		
53	1	SB 15 AG191396.640337.191282.640244.	3675.	3.4	0.	44.	53
54	1	SB 15 AG191282.640244.190930.639988.	3675.	3.4	0.	44.	53
55	1	SB 15 AG190930.639988.190811.639884.	4425.	3.4	0.	44.	53
56	1	WB ROSEMONAG192403.639820.192097.640064.	875.	2.6	0.	44.	30
57	1	WB ROSEMONAG192097.640064.191916.640222.	875.	2.6	0.	44.	30
58	2	WB ROSE Q AG191949.640193.192034.640119.145 115 4.0 875 28.3 1722 2 3	0.	24.	2		
59	1	WB ROSEMONAG191916.640222.191878.640271.	1300.	2.6	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	1850.	2.6	0.	44.	30
61	1	WB ROSEMONAG191817.640307.191306.640792.	1275.	2.6	0.	44.	30
62	2	WB ROSE Q AG191330.640769.191421.640683.90 47 4.0 1275 28.3 1751 2 3	0.	24.	2		
63	1	WB ROSEMONAG191306.640792.191144.640951.	1200.	2.6	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	1200.	2.6	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	1200.	2.6	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	875.	2.6	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	750.	2.6	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	750.	2.6	0.	44.	30
77	1	EB ROSE AG191115.640951.191305.640778.	750.	2.6	0.	44.	30
78	2	eB ROSE Q AG191279.640802.191187.640886.90 55 4.0 750 28.3 1762 2 3	0.	24.	2		
79	1	EB ROSE AG191307.640777.191579.640509.	900.	2.6	0.	44.	30
80	1	EB ROSE AG191579.640509.191907.640207.	1025.	2.6	0.	44.	30
81	2	EB ROSE Q AG191867.640244.191768.640335.145 85 4.0 1025 28.3 1712 2 3	0.	24.	2		
80	1	EB ROSE AG191907.640207.192388.639800.	925.	2.6	0.	44.	30
80	1	SB 15 AG190810.639884.190461.639523.	4425.	3.3	0.44.0		50
80	1	SB 15 AG190461.639524.190212.639214.	4425.	3.3	0.44.0		50
80	1	SB 15 AG190212.639214.1900					

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:39.16

RUN: FAIRFIELD PARK 2030 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4675.	3.1	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4675.	3.1	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4675.	3.1	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	850.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	850.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	850.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	850.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	850.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	850.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	850.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	75.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	50.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	191916.0	640282.2	*	20.	75. AG	61.	100.0	.0	12.0	.22 1.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	150.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	150.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	150.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	4225.	3.6	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	100.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	100.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	100.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	100.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	100.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	100.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191875.2	640154.7	*	40.	221. AG	62.	100.0	.0	12.0	.62 2.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3775.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3775.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:39.16

RUN: FAIRFIELD PARK 2030 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.7	*	0.	216. AG	61.	100.0	.0	12.0	.01 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.8	640721.6	*	10.	249. AG	61.	100.0	.0	12.0	.13 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3675.	3.4	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3675.	3.4	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4425.	3.4	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	875.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	875.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	193349.9	638973.9	*	1857.	131. AG	120.	100.0	.0	24.0	1.53 94.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1300.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1850.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1275.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191460.1	640646.1	*	179.	133. AG	79.	100.0	.0	24.0	.89 9.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1200.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1200.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1200.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	875.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191195.7	640878.1	*	113.	312. AG	93.	100.0	.0	24.0	.66 5.7
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1025.	2.6	.0	44.0	

S32NB30P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191691.8	640405.0	*	238.	313.	AG	89.	100.0	.0	24.0	.80	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4425.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4425.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4425.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4675.	3.3	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4675.	3.3	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4675.	3.3	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4675.	3.3	.0	44.0		

1

PAGE 3

JOB: S 32 FAIRFIELD PARK
DATE: 12/20/2006 TIME: 14:16:39.16

RUN: FAIRFIELD PARK 2030 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE	
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2	3
14. 14	NBOFFRAMP *	90	72	4.0	50	1723	28.30	2	3
30. 30	NB 2ND ST *	90	74	4.0	100	1463	28.30	2	3
50. 50	SB15 RAMP *	90	72	4.0	1	1493	28.30	2	3
52. 52	SB15 RAMP *	90	72	4.0	25	1463	28.30	2	3
58. 58	WB ROSE Q *	145	115	4.0	875	1722	28.30	2	3
62. 62	WB ROSE Q *	90	47	4.0	1275	1751	28.30	2	3
78. 78	eB ROSE Q *	90	55	4.0	750	1762	28.30	2	3
81. 81	EB ROSE Q *	145	85	4.0	1025	1712	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

PAGE 4

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.6	.6	.6	.6	.6	.7	.7	.1	.3	.2	.0	.4	.2	.2	.1	.1	.2	.1	.1
5.	*	.6	.6	.6	.6	.6	.6	.7	.1	.2	.2	.0	.3	.2	.2	.0	.0	.1	.1	.1
10.	*	.6	.8	.6	.6	.6	.7	.6	.0	.2	.3	.0	.3	.2	.2	.0	.0	.0	.0	.2
15.	*	.6	.6	.6	.6	.6	.7	.7	.0	.2	.3	.0	.3	.3	.2	.0	.0	.0	.0	.1
20.	*	.6	.7	.6	.7	.6	.7	.7	.0	.1	.2	.0	.4	.2	.1	.0	.0	.0	.0	.2
25.	*	.6	.6	.6	.6	.7	.7	.8	.0	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.2
30.	*	.5	.5	.6	.5	.6	.7	.8	.0	.1	.0	.0	.3	.1	.2	.0	.0	.0	.0	.2
35.	*	.4	.4	.5	.5	.6	.7	.7	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.1
40.	*	.2	.4	.4	.4	.5	.6	.7	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.1
45.	*	.2	.1	.2	.3	.4	.6	.8	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0
50.	*	.0	.1	.1	.2	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32NB30P.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 PM

PAGE 5

WIND ANGLE (DEGR)	*	CONCENTRATION (PPM)																		
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
210.	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	*	.1	.2	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	*	.2	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.3	.4	.5	.5	.4	.6	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
230.	*	.4	.5	.5	.6	.5	.7	.7	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.4	.6	.6	.7	.6	.7	.8	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0
240.	*	.5	.7	.6	.6	.6	.7	.8	.0	.2	.3	.0	.3	.1	.1	.0	.0	.0	.0	.0
245.	*	.5	.6	.6	.7	.6	.8	.8	.0	.2	.3	.0	.3	.2	.1	.0	.0	.0	.0	.0
250.	*	.5	.6	.7	.7	.6	.8	.7	.1	.3	.2	.0	.3	.2	.3	.0	.0	.0	.0	.0
255.	*	.5	.6	.6	.6	.7	.7	.8	.1	.2	.2	.1	.4	.2	.3	.0	.0	.0	.0	.2
260.	*	.6	.6	.6	.6	.6	.7	.7	.1	.2	.2	.1	.3	.2	.2	.1	.1	.0	.0	.2
265.	*	.5	.6	.6	.6	.6	.7	.7	.2	.3	.2	.1	.3	.2	.2	.1	.2	.0	.0	.2
270.	*	.5	.6	.6	.6	.5	.7	.7	.1	.3	.2	.2	.3	.3	.2	.1	.1	.1	.0	.3
275.	*	.5	.6	.6	.6	.6	.7	.5	.2	.2	.2	.2	.3	.3	.2	.1	.1	.1	.0	.1
280.	*	.6	.6	.6	.5	.6	.6	.6	.2	.2	.2	.2	.3	.2	.3	.2	.1	.2	.0	.1
285.	*	.5	.6	.5	.6	.5	.6	.6	.1	.2	.2	.1	.3	.2	.2	.2	.1	.2	.1	.2
290.	*	.5	.6	.5	.6	.5	.6	.6	.1	.2	.2	.2	.3	.2	.2	.1	.2	.1	.1	.1
295.	*	.6	.6	.5	.6	.6	.6	.5	.2	.2	.2	.1	.2	.2	.2	.2	.2	.1	.2	.1
300.	*	.5	.5	.5	.6	.5	.6	.6	.2	.2	.3	.1	.3	.2	.2	.1	.2	.1	.2	.1
305.	*	.5	.6	.6	.5	.5	.6	.6	.2	.2	.3	.1	.3	.2	.2	.2	.1	.2	.2	.2
310.	*	.5	.6	.5	.6	.6	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.2	.2
315.	*	.5	.5	.5	.6	.5	.6	.6	.1	.2	.2	.2	.3	.2	.2	.1	.2	.2	.1	.2
320.	*	.5	.5	.6	.6	.5	.6	.6	.2	.2	.2	.2	.3	.2	.1	.1	.1	.2	.1	.2
325.	*	.4	.6	.5	.6	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2
330.	*	.5	.6	.6	.6	.5	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.1	.2	.1	.2
335.	*	.5	.6	.6	.6	.6	.5	.6	.2	.2	.2	.1	.3	.2	.2	.2	.1	.2	.2	.2
340.	*	.5	.6	.5	.6	.6	.6	.6	.2	.2	.2	.2	.3	.2	.2	.2	.2	.0	.2	.2
345.	*	.4	.6	.5	.6	.6	.6	.6	.1	.2	.2	.2	.3	.2	.3	.2	.2	.1	.2	.2
350.	*	.6	.6	.4	.6	.6	.6	.6	.0	.2	.2	.2	.3	.2	.2	.1	.2	.1	.2	.2
355.	*	.6	.6	.6	.6	.6	.6	.6	.1	.3	.2	.1	.3	.2	.2	.2	.2	.2	.0	.2
360.	*	.6	.6	.6	.6	.6	.7	.7	.1	.3	.2	.0	.4	.2	.2	.1	.1	.2	.1	.1
MAX	*	.6	.8	.7	.7	.7	.8	.8	.2	.3	.3	.2	.4	.3	.3	.2	.2	.2	.2	.3
DEGR.	*	0	10	250	20	25	245	45	265	0	10	270	0	15	250	280	265	0	295	270

THE HIGHEST CONCENTRATION IS .80 PPM AT 45 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 10 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 245 DEGREES FROM REC6 .

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK 2030 PM

PAGE 6

DATE: 12/20/2006 TIME: 14:16:39.16

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)																		
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
LINK	#	0	10	250	20	25	245	45	265	0	10	270	0	15	250	280	265	0	295	270
1	*	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
2	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

2030 PM

PAGE 7

[illegible]

S32B130A.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	B130AM		89 1 1		
1					
1	NB 15	AG190860.639818.191068.639999.	4350. 3.7 0. 44.	59	
2	NB 15	AG191068.639999.191332.640193.	4350. 3.7 0. 44.	50.4	
3	NB 15	AG191332.640193.191857.640571.	4350. 3.7 0. 44.	50.4	
4	NB OFFRAMPAG	191857.640571.191960.640623.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	775. 2.6 0. 32.	30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	775. 2.6 0. 32.	30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	250. 2.6 0. 32.	30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1		
105	83	4.0 250 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	525. 2.6 0. 32.	30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1		
105	83	4.0 525 28.3 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.6 0. 32.	30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.6 0. 32.	30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.6 0. 32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	3775. 3.7 0. 44.	59	
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.6 0. 32.	30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.6 0. 32.	30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.6 0. 32.	30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.6 0. 32.	30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.6 0. 32.	30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.6 0. 32.	30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1		
105	87	4.0 225 28.3 1681 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	200. 2.6 0. 32.	30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	200. 2.6 0. 32.	30.0	
40	SB 15	AG192414.641075.191866.640671.	5100. 3.7 0. 44.	59	
41	SB 15	AG191866.640671.191396.640337.	5100. 3.7 0. 44.	59	

41	1	SB 15 OFFRAG191396.640337.191304.640300.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191304.640300.191225.640317.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191225.640317.191185.640352.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191185.640352.191163.640405.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191163.640405.191169.640531.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	150.2.6	0.32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	75.2.6	0.32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701.65 49 4.0 75 28.3 1308 2 3	0.12.	1	
51	1	SB 15 OFFRAG191246.640695.191341.640730.	75.2.6	0.44.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700.65 49 4.0 75 28.3 1583 2 3	0.24.	2	
53	1	SB 15 AG191396.640337.191282.640244.	4950.3.7	0.44.	59
54	1	SB 15 AG191282.640244.190930.639988.	4950.3.7	0.44.	59
55	1	SB 15 AG190930.639988.190811.639884.	6075.3.7	0.44.	59
56	1	WB ROSEMONAG192403.639820.192097.640064.	375.2.6	0.44.	30
57	2	WB ROSEMONAG192097.640064.191916.640222.	375.2.6	0.44.	30
58	1	WB ROSE Q AG191949.640193.192034.640119.105 83 4.0 375 28.3 1711 2 3	0.24.	2	
59	1	WB ROSEMONAG191916.640222.191878.640271.	275.2.6	0.44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	800.2.6	0.44.	30
61	2	WB ROSEMONAG191817.640307.191306.640792.	800.2.6	0.44.	30
62	1	WB ROSE Q AG191330.640769.191421.640683.65 38 4.0 800 28.3 1731 2 3	0.24.	2	
63	1	WB ROSEMONAG191306.640792.191144.640951.	850.2.6	0.44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	850.2.6	0.44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	850.2.6	0.44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1775.2.6	0.44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	1125.2.6	0.32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	1125.2.6	0.32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	650.2.6	0.44.	30
77	2	EB ROSE AG191115.640951.191305.640778.	650.2.6	0.44.	30
78	1	eB ROSE Q AG191279.640802.191187.640886.65 37 4.0 650 28.3 1763 2 3	0.24.	2	
79	1	EB ROSE AG191307.640777.191579.640509.	675.2.6	0.44.	30
80	2	EB ROSE AG191579.640509.191907.640207.	1250.2.6	0.44.	30
81	1	EB ROSE Q AG191867.640244.191768.640335.105 58 4.0 1250 28.3 1715 2 3	0.24.	2	
80	1	EB ROSE AG191907.640207.192388.639800.	825.2.6	0.44.	30
80	1	SB 15 AG190810.639884.190461.639523.	6075.3.7	0.44.	59
80	1	SB 15 AG190461.639524.190212.639214.	6075.3.7	0.44.	59
80	1	SB 15 AG190212.639214.190004.638912.	6075.3.7	0.44.	59
80	1	NB 15 AG190860.639817.190678.639647.	4350.3.7	0.44.	59
80	1	NB 15 AG190678.639647.190434.639378.	4350.3.7	0.44.	59
80	1	NB 15 AG190434.639378.190212.639090.	4350.3.7	0.44.	59
1.0	1	NB 15 AG190212.639090.190063.638			

JOB: S 32 FAIRFIELD PARK
DATE: 12/22/2006 TIME: 23:19:06.14

RUN: FAIRFIELD PARK B130AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192015.9	640349.6	*	143.	41. AG	60.	100.0	.0	12.0	.93 7.3
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194943.6	641100.2	*	3156.	75. AG	60.	100.0	.0	12.0	2.18 160.3
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3775.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	63.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/22/2006 TIME: 23:19:06.14

RUN: FAIRFIELD PARK B130AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4950.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4950.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	6075.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192013.0	640137.3	*	85.	131. AG	120.	100.0	.0	24.0	.72 4.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	800.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	800.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191390.4	640711.9	*	83.	133. AG	89.	100.0	.0	24.0	.72 4.2
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	850.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	850.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	850.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1775.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1125.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1125.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1125.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1125.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1125.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1125.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1125.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1125.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1125.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.6	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191230.4	640846.4	*	66.	312. AG	86.	100.0	.0	24.0	.55 3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	675.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1250.	2.6	.0	44.0	

S32B130A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191694.9	640402.2	*	234.	313.	AG	84.	100.0	.0	24.0	.93	11.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	6075.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	6075.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	6075.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4350.	3.7	.0	44.0		

1

PAGE 3

JOB: S 32 FAIRFIELD PARK RUN: FAIRFIELD PARK B130AM
DATE: 12/22/2006 TIME: 23:19:06.14

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	83	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	105	83	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	105	83	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	38	4.0	800	1731	28.30	2 3
78. 78	eB ROSE Q *	65	37	4.0	650	1763	28.30	2 3
81. 81	EB ROSE Q *	105	58	4.0	1250	1715	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0	*
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0	*
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0	*
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0	*
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0	*
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0	*
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0	*
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0	*
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0	*
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0	*
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0	*
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0	*
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0	*
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0	*
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0	*
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0	*
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0	*
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0	*
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0	*

1

PAGE 4

JOB: S 32 FAIRFIELD PARK RUN: FAIRFIELD PARK B130AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	*	.7	.7	.7	.7	.7	.7	.7	.1	.4	.3	.0	.4	.2	.2	.2	.1	.2	.2	.2
5.	*	.7	.9	.7	.7	.7	.7	.8	.2	.2	.3	.0	.5	.2	.2	.0	.1	.1	.2	.1
10.	*	.7	.8	.7	.7	.7	.8	.8	.2	.2	.3	.2	.3	.3	.2	.0	.0	.1	.1	.2
15.	*	.8	.7	.7	.8	.7	.9	.8	.1	.2	.3	.1	.4	.3	.2	.0	.0	.0	.1	.2
20.	*	.8	.8	.7	.8	.7	.8	.8	.1	.3	.2	.1	.4	.2	.2	.0	.0	.0	.0	.2
25.	*	.7	.7	.7	.7	.8	.8	.9	.0	.3	.2	.0	.3	.2	.3	.0	.0	.0	.0	.2
30.	*	.5	.7	.7	.7	.7	.8	.9	.0	.2	.0	.0	.3	.4	.3	.0	.0	.0	.0	.2
35.	*	.5	.4	.6	.8	.6	.8	.8	.0	.1	.0	.0	.3	.3	.2	.0	.0	.0	.0	.2
40.	*	.3	.4	.4	.6	.6	.8	1.0	.0	.0	.0	.0	.5	.2	.2	.0	.0	.0	.0	.1
45.	*	.2	.2	.3	.4	.6	.7	.8	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0
50.	*	.0	.1	.1	.2	.5	.6	.7	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
55.	*	.0	.0	.0	.0	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60.	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

PAGE 5

```

THE HIGHEST CONCENTRATION IS      1.00 PPM AT  40 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS      1.00 PPM AT  245 DEGREES FROM REC6 .
THE 3RD HIGHEST CONCENTRATION IS      .90 PPM AT  235 DEGREES FROM REC5 .

```

1

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

Page 3

S32B130A.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B130AM

PAGE 7

LINK #	CO/LINK (PPM)		ANGLE (DEGREES)																
	REC1 15	REC2 5	REC3 230	REC4 245	REC5 235	REC6 245	REC7 40	REC8 255	REC9 0	REC10 300	REC11 300	REC12 5	REC13 30	REC14 250	REC15 0	REC16 260	REC17 0	REC18 325	REC19 270
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.0	.0	.1	.3	.0	.0	.2	.0	.1	.1	.0	.1	.1	.0	.1	.1
84	*	.3	.3	.1	.3	.2	.1	.0	.1	.0	.2	.1	.0	.1	.0	.1	.0	.0	.1
85	*	.0	.0	.2	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0
86	*	.0	.0	.0	.0	.0	.5	.0	.0	.1	.0	.0	.2	.0	.1	.1	.0	.0	.1
87	*	.0	.1	.0	.4	.4	.1	.0	.0	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0
88	*	.4	.4	.4	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
89	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

S32B230A.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	B230AM		89 1 1		

1	NB 15	AG190860.639818.191068.639999.	3750. 3.7 0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	3750. 3.7 0. 44.	50.4
3	NB 15	AG191332.640193.191857.640571.	3750. 3.7 0. 44.	50.4
4	NB OFFRAMPAG	191857.640571.191960.640623.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	775. 2.6 0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	775. 2.6 0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	250. 2.6 0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1	
125	101	4.0 250 28.3 1770 2 3		
14	NB OFFRAMPAG	191970.640296.191878.640271.	525. 2.6 0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1	
125	101	4.0 525 28.3 1583 2 3		
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.6 0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.6 0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.6 0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3750. 3.7 0. 44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.6 0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.6 0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.6 0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.6 0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.6 0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.6 0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1	
125	106	4.0 225 28.3 1681 2 3		
31	NB 15 ON	RAG191934.640223.191986.640270.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192290.640837.192329.640883.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	200. 2.6 0. 32.	30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	200. 2.6 0. 32.	30.0
40	SB 15	AG192414.641075.191866.640671.	5100. 3.7 0. 44.	59
41	SB 15	AG191866.640671.191396.640337.	5100. 3.7 0. 44.	59

42	1	SB 15	OFFRAG191396.640337.191304.640300.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191304.640300.191225.640317.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191225.640317.191185.640352.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191185.640352.191163.640405.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191163.640405.191169.640531.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP 65	AG191284.640746.191251.640701.49 4.0 75 28.3 1308 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	75.	2.6	0.	44.	30.0
52	2	SB15 RAMP 65	AG191328.640725.191261.640700.49 4.0 75 28.3 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	4100.	3.7	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	4100.	3.7	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	5100.	3.7	0.	44.	59
56	1	WB ROSEMONAG	192403.639820.192097.640064.	375.	2.6	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	375.	2.6	0.	44.	30
58	1	WB ROSE Q 125	AG191949.640193.192034.640119.103 4.0 375 28.3 1711 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	375.	2.6	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	950.	2.6	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	950.	2.6	0.	44.	30
62	2	WB ROSE Q 65	AG191330.640769.191421.640683.39 4.0 950 28.3 1733 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	875.	2.6	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	875.	2.6	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	875.	2.6	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1675.	2.6	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	1000.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	750.	2.6	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	750.	2.6	0.	44.	30
78	2	eB ROSE Q 65	AG191279.640802.191187.640886.26 4.0 750 28.3 1764 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	750.	2.6	0.	44.	30
80	1	EB ROSE	AG191579.640509.191907.640207.	1350.	2.6	0.	44.	30
81	2	EB ROSE Q 125	AG191867.640244.191768.640335.61 4.0 1350 28.3 1716 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	925.	2.6	0.	44.	30
80								

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:17:32.22

RUN: FAIRFIELD PARK B230AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)			*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C QUEUE
		*	X1	Y1	X2	Y2	(FT)	(DEG)		(G/MI)	(FT)	(FT)	(VEH)
1.	1	NB 15	* 190860.0	639818.0	191068.0	639999.0	* 276.	49. AG	3750.	3.7	.0	44.0	
2.	2	NB 15	* 191068.0	639999.0	191332.0	640193.0	* 328.	54. AG	3750.	3.7	.0	44.0	
3.	3	NB 15	* 191332.0	640193.0	191857.0	640571.0	* 647.	54. AG	3750.	3.7	.0	44.0	
4.	4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	* 115.	63. AG	775.	2.6	.0	32.0	
5.	4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	* 70.	88. AG	775.	2.6	.0	32.0	
6.	4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	* 67.	120. AG	775.	2.6	.0	32.0	
7.	4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	* 66.	151. AG	775.	2.6	.0	32.0	
8.	4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	* 49.	180. AG	775.	2.6	.0	32.0	
9.	4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	* 48.	200. AG	775.	2.6	.0	32.0	
10.	4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	* 197.	223. AG	775.	2.6	.0	32.0	
11.	11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	* 101.	220. AG	250.	2.6	.0	32.0	
12.	12	NBOFFRAMP *	191923.0	640241.0	192043.9	640382.3	* 186.	41. AG	61.	100.0	.0	12.0	.98 9.4
13.	14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	* 95.	255. AG	525.	2.6	.0	32.0	
14.	14	NBOFFRAMP *	191897.0	640277.0	195126.7	641149.6	* 3345.	75. AG	61.	100.0	.0	12.0	2.31 170.0
15.	15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	* 96.	219. AG	600.	2.6	.0	32.0	
16.	15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	* 58.	219. AG	600.	2.6	.0	32.0	
17.	15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	* 45.	204. AG	600.	2.6	.0	32.0	
18.	15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	* 48.	193. AG	600.	2.6	.0	32.0	
19.	15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	* 46.	180. AG	600.	2.6	.0	32.0	
20.	15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	* 82.	173. AG	600.	2.6	.0	32.0	
21.	15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	* 112.	172. AG	600.	2.6	.0	32.0	
22.	22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	* 296.	170. AG	600.	2.6	.0	32.0	
23.	23	NB 15	* 191857.0	640571.0	192459.0	641017.0	* 749.	53. AG	3750.	3.7	.0	44.0	
24.	24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	* 355.	350. AG	225.	2.6	.0	32.0	
25.	24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	* 79.	356. AG	225.	2.6	.0	32.0	
26.	24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	* 68.	353. AG	225.	2.6	.0	32.0	
27.	24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	* 80.	9. AG	225.	2.6	.0	32.0	
28.	24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	* 58.	29. AG	225.	2.6	.0	32.0	
29.	24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	* 147.	41. AG	225.	2.6	.0	32.0	
30.	30	NB 2ND ST	* 191902.0	640185.0	191443.2	639665.3	* 693.	221. AG	64.	100.0	.0	12.0	1.29 35.2
31.	31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	* 70.	48. AG	200.	2.6	.0	32.0	
32.	31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	* 223.	41. AG	200.	2.6	.0	32.0	
33.	31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	* 82.	24. AG	200.	2.6	.0	32.0	
34.	31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	* 109.	10. AG	200.	2.6	.0	32.0	
35.	31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	* 120.	21. AG	200.	2.6	.0	32.0	
36.	31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	* 122.	32. AG	200.	2.6	.0	32.0	
37.	31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	* 60.	40. AG	200.	2.6	.0	32.0	
38.	31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	* 91.	48. AG	200.	2.6	.0	32.0	
39.	31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	* 96.	40. AG	200.	2.6	.0	32.0	
40.	40	SB 15	* 192414.0	641075.0	191866.0	640671.0	* 681.	234. AG	5100.	3.7	.0	44.0	
41.	41	SB 15	* 191866.0	640671.0	191396.0	640337.0	* 577.	235. AG	5100.	3.7	.0	44.0	
42.	42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	* 99.	248. AG	150.	2.6	.0	32.0	
43.	42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	* 81.	282. AG	150.	2.6	.0	32.0	
44.	42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	* 53.	311. AG	150.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:17:32.22

RUN: FAIRFIELD PARK B230AM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)			*	LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337.	AG	150.	2.6	.0	32.0	
46.	42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3.	AG	150.	2.6	.0	32.0	
47.	42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18.	AG	150.	2.6	.0	32.0	
48.	42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32.	AG	150.	2.6	.0	32.0	
49.	42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37.	AG	75.	2.6	.0	32.0	
50.	50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216.	AG	57.	100.0	.0	12.0	.37 1.0
51.	51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70.	AG	75.	2.6	.0	44.0	
52.	52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250.	AG	114.	100.0	.0	24.0	.15 .5
53.	53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231.	AG	4100.	3.7	.0	44.0	
54.	54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234.	AG	4100.	3.7	.0	44.0	
55.	55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229.	AG	5100.	3.7	.0	44.0	
56.	56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309.	AG	375.	2.6	.0	44.0	
57.	57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311.	AG	375.	2.6	.0	44.0	
58.	58	WB ROSE Q	* 191949.0	640193.0	192036.5	640116.9	*	116.	131.	AG	125.	100.0	.0	24.0	.85 5.9
59.	59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322.	AG	375.	2.6	.0	44.0	
60.	60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301.	AG	950.	2.6	.0	44.0	
61.	61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314.	AG	950.	2.6	.0	44.0	
62.	62	WB ROSE Q *	191330.0	640769.0	191420.8	640683.2	*	125.	133.	AG	91.	100.0	.0	24.0	.89 6.3
63.	63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314.	AG	875.	2.6	.0	44.0	
64.	64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305.	AG	875.	2.6	.0	44.0	
65.	65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303.	AG	875.	2.6	.0	44.0	
66.	66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124.	AG	1675.	2.6	.0	44.0	
67.	67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137.	AG	1000.	2.6	.0	32.0	
68.	67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138.	AG	1000.	2.6	.0	32.0	
69.	67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155.	AG	1000.	2.6	.0	32.0	
70.	67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178.	AG	1000.	2.6	.0	32.0	
71.	67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189.	AG	1000.	2.6	.0	32.0	
72.	67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190.	AG	1000.	2.6	.0	32.0	
73.	67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197.	AG	1000.	2.6	.0	32.0	
74.	67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205.	AG	1000.	2.6	.0	32.0	
75.	67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218.	AG	1000.	2.6	.0	32.0	
76.	76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122.	AG	750.	2.6	.0	44.0	
77.	77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132.	AG	750.	2.6	.0	44.0	
78.	78	eB ROSE Q	* 191279.0	640802.0	191239.6	640838.0	*	53.	312.	AG	61.	100.0	.0	24.0	.42 2.7
79.	79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135.	AG	750.	2.6	.0	44.0	
80.	80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133.	AG	1350.	2.6	.0	44.0	

S32B230A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191701.2	640396.4	*	225.	313.	AG	74.	100.0	.0	24.0	.85	11.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	5100.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	5100.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	5100.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3750.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3750.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3750.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3750.	3.7	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:17:32.22

RUN: FAIRFIELD PARK B230AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	125	101	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	125	101	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	125	106	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	125	103	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	39	4.0	950	1733	28.30	2 3
78. 78	eB ROSE Q *	65	26	4.0	750	1764	28.30	2 3
81. 81	EB ROSE Q *	125	61	4.0	1350	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B230AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	* .5	.6	.5	.7	.5	.6	.6	.1	.3	.2	.0	.4	.2	.2	.1	.1	.2	.1	.2	
5.	* .5	.5	.7	.7	.6	.6	.7	.1	.2	.2	.0	.4	.2	.2	.0	.1	.1	.1	.1	
10.	* .5	.7	.7	.7	.7	.7	.7	.1	.2	.2	.0	.3	.2	.2	.0	.0	.1	.1	.1	
15.	* .5	.7	.6	.7	.7	.7	.7	.1	.2	.3	.0	.4	.3	.2	.0	.0	.0	.0	.2	
20.	* .7	.5	.6	.6	.6	.6	.7	.0	.1	.2	.0	.4	.2	.1	.0	.0	.0	.0	.2	
25.	* .6	.7	.6	.6	.7	.7	.8	.0	.2	.1	.0	.2	.2	.3	.0	.0	.0	.0	.2	
30.	* .5	.4	.6	.6	.7	.6	.8	.0	.1	.0	.0	.2	.2	.2	.0	.0	.0	.0	.2	
35.	* .5	.4	.5	.5	.5	.6	.7	.0	.0	.0	.0	.3	.2	.2	.0	.0	.0	.0	.2	
40.	* .3	.3	.4	.5	.4	.6	.8	.0	.0	.0	.0	.4	.2	.2	.0	.0	.0	.0	.1	
45.	* .2	.1	.2	.3	.4	.7	.8	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	
50.	* .0	.1	.1	.1	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55.	* .0	.0	.0	.0	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60.	* .0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
105.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
110.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
115.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
120.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
125.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
130.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
135.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
145.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
150.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
155.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
160.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
165.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

S32B230A.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B230AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
210.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
215.	.1	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
220.	.2	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	.2	.4	.5	.5	.5	.4	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
230.	.4	.5	.5	.6	.6	.6	.6	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
235.	.4	.6	.6	.7	.5	.7	.8	.0	.2	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0
240.	.5	.6	.6	.7	.6	.8	.9	.0	.2	.2	.0	.3	.1	.2	.0	.0	.0	.0	.0
245.	.5	.5	.7	.6	.6	.8	.8	.0	.2	.2	.0	.3	.2	.3	.0	.0	.0	.0	.0
250.	.5	.6	.7	.7	.7	.7	.8	.0	.3	.2	.1	.4	.2	.2	.0	.0	.0	.0	.1
255.	.5	.7	.6	.7	.7	.7	.9	.1	.2	.2	.1	.4	.3	.3	.1	.0	.0	.0	.1
260.	.5	.7	.6	.6	.5	.7	.8	.2	.2	.3	.2	.4	.3	.2	.1	.1	.0	.0	.2
265.	.5	.5	.5	.6	.5	.7	.7	.1	.2	.3	.2	.3	.2	.2	.2	.1	.0	.0	.2
270.	.5	.5	.5	.6	.5	.7	.7	.1	.3	.2	.2	.3	.3	.2	.2	.1	.2	.0	.2
275.	.5	.6	.5	.5	.5	.7	.7	.2	.2	.2	.2	.3	.2	.2	.2	.1	.2	.0	.2
280.	.5	.5	.5	.5	.5	.6	.7	.2	.2	.2	.1	.4	.2	.2	.2	.2	.2	.0	.2
285.	.5	.5	.5	.6	.5	.6	.6	.2	.2	.2	.1	.4	.2	.2	.2	.2	.2	.0	.2
290.	.5	.5	.5	.5	.5	.6	.6	.2	.2	.2	.2	.4	.2	.2	.2	.2	.1	.2	.2
295.	.5	.5	.5	.5	.6	.6	.7	.2	.2	.2	.2	.3	.2	.2	.1	.2	.1	.2	.2
300.	.5	.5	.5	.6	.5	.6	.6	.2	.3	.3	.1	.3	.2	.2	.1	.2	.2	.2	.2
305.	.5	.5	.6	.5	.5	.6	.6	.2	.3	.3	.2	.4	.2	.2	.1	.2	.1	.2	.2
310.	.5	.5	.5	.5	.6	.6	.6	.2	.2	.2	.2	.4	.2	.2	.2	.2	.2	.1	.2
315.	.5	.5	.5	.5	.5	.6	.6	.1	.2	.2	.2	.4	.2	.2	.2	.1	.2	.1	.2
320.	.5	.5	.6	.5	.5	.6	.6	.2	.2	.2	.2	.4	.2	.2	.2	.1	.2	.1	.2
325.	.6	.5	.5	.5	.5	.6	.6	.2	.2	.2	.2	.4	.4	.2	.2	.1	.2	.1	.2
330.	.6	.5	.5	.5	.5	.6	.6	.2	.2	.3	.1	.4	.2	.2	.2	.2	.2	.2	.2
335.	.5	.5	.6	.5	.5	.6	.6	.2	.2	.2	.1	.4	.2	.2	.2	.2	.1	.2	.2
340.	.5	.5	.5	.5	.5	.5	.6	.2	.2	.2	.2	.4	.2	.2	.2	.2	.1	.2	.2
345.	.6	.5	.5	.5	.5	.5	.6	.1	.2	.2	.2	.3	.2	.3	.1	.2	.0	.2	.2
350.	.5	.5	.6	.6	.5	.6	.7	.0	.2	.2	.2	.3	.2	.2	.1	.2	.2	.1	.2
355.	.5	.6	.6	.7	.5	.7	.6	.0	.3	.2	.1	.4	.2	.2	.1	.1	.2	.1	.2
360.	.5	.6	.5	.7	.5	.6	.6	.1	.3	.2	.0	.4	.2	.2	.1	.1	.2	.1	.2
MAX	.7	.7	.7	.7	.7	.8	.9	.2	.3	.3	.2	.4	.4	.3	.2	.2	.2	.2	.2
DEGR.	20	10	5	0	10	240	240	260	0	15	260	0	325	25	265	280	0	290	0

THE HIGHEST CONCENTRATION IS .90 PPM AT 240 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 240 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 20 DEGREES FROM REC1 .

1

JOB: S 32 FAIRFIELD PARK

DATE: 12/27/2006 TIME: 14:17:32.22

RUN: FAIRFIELD PARK

B230AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19
1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32B230A.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B230AM

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
	20	10	5	0	10	240	240	260	0	15	260	0	325	25	265	280	0	290

46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
55	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.2	.3	.2	.2	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0
84	*	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.1
86	*	.0	.0	.0	.0	.4	.4	.3	.0	.1	.1	.0	.2	.1	.0	.0	.0	.0
87	*	.1	.1	.4	.4	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0
88	*	.3	.3	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

S32B230P.DAT

S 32 FAIRFIELD PARK			60.0175.0.0000.000190.30480000	11	1
R44 FAIRFIELD PARK	190274.	639079.	5.		
R45 FAIRFIELD PARK	190375.	639222.	5.		
R46 FAIRFIELD PARK	190467.	639339.	5.		
R47 FAIRFIELD PARK	190581.	639473.	5.		
R48 FAIRFIELD PARK	190726.	639624.	5.		
R49 FAIRFIELD PARK	190848.	639754.	5.		
R50 FAIRFIELD PARK	190942.	639845.	5.		
R51 RES FAIRFIELD PA	190945.	639379.	5.		
R55 BALLFIELD FAIRFI	190691.	639375.	5.		
R56 BALLFIELD FAIRFI	190607.	639267.	5.		
R54 RES FAIRFIELD PA	190868.	639277.	5.		
R55 RES FAIRFIELD PA	190819.	639611.	5.		
R56 RES FAIRFIELD P	190987.	639634.	5.		
R57 RES FAIRFIELD P	191134.	639765.	5.		
R58 RES FAIRFIELD P	190787.	639175.	5.		
R59 RES FAIRFIELD P	190707.	639057.	5.		
R60 RES FAIRFIELD P	190616.	638923.	5.		
R61 RES FAIRFIELD P	190514.	638783.	5.		
R62 RES FAIRFIELD P	191275.	639813.	5.		
FAIRFIELD PARK	B230PM		89 1 1		

1	NB 15	AG190860.639818.191068.639999.	5350. 3.7 0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	5350. 3.7 0. 44.	59
3	NB 15	AG191332.640193.191857.640571.	5350. 3.7 0. 44.	59
4	NB OFFRAMPAG	191857.640571.191960.640623.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	191960.640623.192030.640626.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192030.640626.192088.640593.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192088.640593.192120.640535.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192120.640535.192120.640486.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192120.640486.192104.640441.	975. 2.6 0. 32. 30.0	
4	NB OFFRAMPAG	192104.640441.191970.640296.	975. 2.6 0. 32. 30.0	
11	NB OFFRAMPAG	191970.640296.191905.640219.	275. 2.6 0. 32. 30.0	
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12. 1	
145	118	4.0 275 28.3 1770 2 3		
14	NB OFFRAMPAG	191970.640296.191878.640271.	700. 2.6 0. 32. 30.0	
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12. 1	
145	118	4.0 700 28.3 1583 2 3		
15	SB 2ND ST	AG191905.640219.191845.640144.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191845.640144.191808.640099.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191808.640099.191790.640058.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191790.640058.191779.640011.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191779.640011.191779.639965.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191779.639965.191789.639884.	200. 2.6 0. 32. 30.0	
15	SB 2ND ST	AG191789.639884.191805.639773.	200. 2.6 0. 32. 30.0	
22	SB 2ND ST	AG191805.639773.191855.639481.	200. 2.6 0. 32. 30.0	
23	NB 15	AG191857.640571.192459.641017.	5350. 3.7 0. 44. 59	
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.6 0. 32. 30.0	
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.6 0. 32. 30.0	
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12. 1	
145	114	4.0 650 28.3 1680 2 3		
31	NB 15 ON	RAG191934.640223.191986.640270.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG191986.640270.192132.640439.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192132.640439.192165.640514.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192165.640514.192184.640621.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192184.640621.192226.640733.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192226.640733.192290.640837.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192290.640837.192329.640883.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192329.640883.192397.640944.	325. 2.6 0. 32. 30.0	
31	NB 15 ON	RAG192397.640944.192459.641017.	325. 2.6 0. 32. 30.0	
40	SB 15	AG192414.641075.191866.640671.	4350. 3.7 0. 44. 59	
41	SB 15	AG191866.640671.191396.640337.	4350. 3.7 0. 44. 59	

42	1	SB 15	OFFRAG191396.640337.191304.640300.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191304.640300.191225.640317.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191225.640317.191185.640352.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191185.640352.191163.640405.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.72 4.0 75 28.3 1342 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	25.	2.6	0.	44.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.72 4.0 25 28.3 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	3325.	3.7	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	3325.	3.7	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	4350.	3.7	0.	44.	59
56	1	WB ROSEMONAG	192403.639820.192097.640064.	825.	2.6	0.	44.	30
57	2	WB ROSEMONAG	192097.640064.191916.640222.	825.	2.6	0.	44.	30
58	1	WB ROSE Q	AG191949.640193.192034.640119.145 109 4.0 825 28.3 1727 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	825.	2.6	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	1400.	2.6	0.	44.	30
61	2	WB ROSEMONAG	191817.640307.191306.640792.	1400.	2.6	0.	44.	30
62	1	WB ROSE Q	AG191330.640769.191421.640683.90 44 4.0 1400 28.3 1751 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	1400.	2.6	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	1400.	2.6	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	1400.	2.6	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1675.	2.6	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	1025.	2.6	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	1025.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	725.	2.6	0.	44.	30
77	2	EB ROSE	AG191115.640951.191305.640778.	725.	2.6	0.	44.	30
78	1	eB ROSE Q	AG191279.640802.191187.640886.90 58 4.0 725 28.3 1761 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	725.	2.6	0.	44.	30
80	2	EB ROSE	AG191579.640509.191907.640207.	875.	2.6	0.	44.	30
81	1	EB ROSE Q	AG191867.640244.191768.640335.145 90 4.0 875 28.3 1710 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	800.	2.6	0.	44.	30
80	1</							

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:18:42.36

RUN: FAIRFIELD PARK B230PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	5350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	5350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	5350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192197.4	640561.7	*	422.	41. AG	62.	100.0	.0	12.0	1.07 21.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	196960.2	641645.0	*	5245.	75. AG	62.	100.0	.0	12.0	3.06 266.4
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5350.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4350.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4350.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:18:42.36

RUN: FAIRFIELD PARK B230PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4350.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	825.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1400.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1400.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1400.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1400.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	725.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	725.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191194.2	640879.4	*	115.	312. AG	98.	100.0	.0	24.0	.71 5.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	875.	2.6	.0	44.0	

S32B230P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.6	* 215.	313.	AG	94.	100.0	.0	24.0	.76	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	800.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	4350.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	4350.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	4350.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	5350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	5350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	5350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	5350.	3.7	.0	44.0		

1

JOB: S 32 FAIRFIELD PARK
DATE: 12/27/2006 TIME: 14:18:42.36

RUN: FAIRFIELD PARK B230PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	118	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	118	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	eB ROSE Q *	90	58	4.0	725	1761	28.30	2 3
81. 81	EB ROSE Q *	145	90	4.0	875	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R44 FAIRFIELD PARK	*	190274.0	639079.0	5.0 *
2. R45 FAIRFIELD PARK	*	190375.0	639222.0	5.0 *
3. R46 FAIRFIELD PARK	*	190467.0	639339.0	5.0 *
4. R47 FAIRFIELD PARK	*	190581.0	639473.0	5.0 *
5. R48 FAIRFIELD PARK	*	190726.0	639624.0	5.0 *
6. R49 FAIRFIELD PARK	*	190848.0	639754.0	5.0 *
7. R50 FAIRFIELD PARK	*	190942.0	639845.0	5.0 *
8. R51 RES FAIRFIELD PA	*	190945.0	639379.0	5.0 *
9. R55 BALLFIELD FAIRFI	*	190691.0	639375.0	5.0 *
10. R56 BALLFIELD FAIRFI	*	190607.0	639267.0	5.0 *
11. R54 RES FAIRFIELD PA	*	190868.0	639277.0	5.0 *
12. R55 RES FAIRFIELD PA	*	190819.0	639611.0	5.0 *
13. R56 RES FAIRFIELD P	*	190987.0	639634.0	5.0 *
14. R57 RES FAIRFIELD P	*	191134.0	639765.0	5.0 *
15. R58 RES FAIRFIELD P	*	190787.0	639175.0	5.0 *
16. R59 RES FAIRFIELD P	*	190707.0	639057.0	5.0 *
17. R60 RES FAIRFIELD P	*	190616.0	638923.0	5.0 *
18. R61 RES FAIRFIELD P	*	190514.0	638783.0	5.0 *
19. R62 RES FAIRFIELD P	*	191275.0	639813.0	5.0 *

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK B230PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
0.	* .7	.7	.7	.7	.7	.8	.8	.1	.3	.3	.2	.5	.2	.2	.1	.1	.2	.1	.1	
5.	* .7	.8	.7	.7	.7	.8	.8	.1	.3	.3	.1	.4	.2	.3	.1	.1	.2	.1	.2	
10.	* .7	.9	.7	.7	.7	.9	.8	.1	.2	.3	.1	.4	.3	.3	.0	.0	.0	.1	.2	
15.	* .7	.8	.7	.8	.7	.8	.9	.1	.2	.3	.1	.3	.3	.2	.0	.0	.0	.0	.2	
20.	* .8	.7	.7	.8	.8	.9	.9	.1	.2	.2	.0	.5	.3	.2	.0	.0	.0	.0	.2	
25.	* .7	.7	.8	.7	.8	.8	1.0	.1	.2	.2	.0	.3	.2	.3	.0	.0	.0	.0	.2	
30.	* .6	.6	.7	.8	.7	1.0	1.0	.1	.1	.2	.0	.4	.2	.3	.0	.0	.0	.0	.2	
35.	* .4	.5	.6	.7	.8	.8	.9	.1	.1	.0	.0	.3	.3	.2	.0	.0	.0	.0	.3	
40.	* .3	.5	.6	.6	.7	.8	1.0	.0	.1	.0	.0	.3	.1	.2	.0	.0	.0	.0	.2	
45.	* .2	.1	.3	.3	.6	.8	.9	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.1	.1	
50.	* .0	.1	.2	.3	.4	.5	.8	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.0	
55.	* .0	.0	.1	.1	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
60.	* .0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
65.	* .0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	
75.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
105.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
110.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
115.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
120.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
125.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
130.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
135.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
140.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
145.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
150.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
155.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
160.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
165.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	

S32B230P.OUT

170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
200.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0
205.	*	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B230PM

PAGE 5

WIND ANGLE (DEGR)	CONCENTRATION (PPM)																		
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19
210.	*	.1	.2	.2	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0
215.	*	.2	.2	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0
220.	*	.2	.5	.5	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
225.	*	.3	.6	.6	.7	.5	.6	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
230.	*	.5	.6	.6	.7	.6	.8	.8	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.5	.7	.8	.7	.7	.9	.9	.0	.3	.1	.0	.3	.1	.1	.0	.0	.0	.0
240.	*	.6	.8	.7	.9	.8	1.0	1.0	.0	.3	.3	.0	.4	.2	.1	.0	.0	.0	.1
245.	*	.6	.8	.7	.8	.7	1.0	1.1	.0	.2	.3	.0	.4	.3	.1	.0	.0	.0	.1
250.	*	.6	.7	.8	.8	.7	.9	.9	.1	.4	.3	.0	.4	.2	.3	.1	.0	.0	.3
255.	*	.6	.7	.7	.7	.8	.9	1.0	.1	.3	.3	.1	.4	.3	.3	.1	.1	.0	.3
260.	*	.7	.7	.7	.7	.7	.8	1.0	.2	.2	.4	.1	.4	.2	.3	.2	.1	.0	.2
265.	*	.6	.7	.7	.7	.7	.8	.9	.2	.3	.3	.1	.3	.3	.2	.2	.2	.1	.3
270.	*	.6	.7	.7	.7	.6	.8	.9	.2	.3	.3	.2	.3	.3	.2	.1	.2	.1	.3
275.	*	.6	.7	.7	.7	.7	.8	.8	.2	.3	.3	.2	.4	.3	.3	.1	.2	.2	.2
280.	*	.6	.7	.7	.7	.7	.8	.8	.2	.2	.3	.2	.3	.2	.3	.2	.2	.2	.1
285.	*	.7	.7	.6	.7	.6	.7	.8	.1	.3	.3	.2	.3	.2	.3	.2	.1	.2	.2
290.	*	.6	.7	.6	.7	.7	.7	.8	.2	.3	.2	.2	.4	.3	.3	.2	.1	.2	.2
295.	*	.6	.6	.6	.7	.6	.7	.8	.2	.3	.2	.2	.4	.3	.2	.2	.2	.2	.1
300.	*	.6	.6	.7	.7	.7	.7	.7	.2	.3	.3	.1	.3	.3	.3	.2	.2	.2	.1
305.	*	.6	.6	.7	.7	.6	.7	.7	.2	.3	.3	.1	.3	.2	.3	.2	.2	.1	.2
310.	*	.6	.6	.6	.7	.7	.7	.7	.2	.3	.2	.2	.3	.2	.3	.2	.2	.1	.2
315.	*	.6	.6	.7	.7	.7	.7	.8	.3	.3	.2	.2	.3	.2	.3	.1	.2	.2	.3
320.	*	.6	.6	.6	.7	.6	.7	.8	.2	.3	.3	.2	.3	.3	.2	.1	.3	.2	.2
325.	*	.6	.7	.7	.7	.6	.7	.8	.2	.3	.3	.2	.3	.4	.3	.2	.2	.1	.2
330.	*	.6	.7	.6	.7	.6	.7	.7	.2	.3	.4	.2	.3	.3	.2	.2	.1	.2	.2
335.	*	.6	.7	.7	.7	.6	.8	.7	.2	.3	.3	.2	.3	.2	.2	.2	.1	.2	.2
340.	*	.6	.7	.7	.7	.7	.7	.7	.2	.3	.3	.2	.3	.2	.3	.2	.2	.2	.2
345.	*	.6	.7	.6	.7	.7	.7	.8	.1	.3	.3	.2	.3	.3	.3	.2	.2	.1	.2
350.	*	.7	.7	.7	.7	.7	.8	.8	.2	.2	.3	.2	.3	.3	.3	.2	.2	.1	.2
355.	*	.7	.7	.7	.7	.7	.8	.8	.1	.3	.3	.1	.4	.3	.2	.2	.2	.1	.2
360.	*	.7	.7	.7	.7	.7	.8	.8	.1	.3	.3	.2	.5	.2	.2	.1	.1	.2	.1
MAX	*	.8	.9	.8	.9	.8	1.0	1.1	.3	.4	.4	.2	.5	.4	.3	.3	.3	.2	.3
DEGR.	*	20	10	25	240	20	30	245	315	250	260	0	0	325	5	300	320	0	290

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 245 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 30 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 240 DEGREES FROM REC4 .

1

JOB: S 32 FAIRFIELD PARK

DATE: 12/27/2006 TIME: 14:18:42.36

RUN: FAIRFIELD PARK

B230PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* ANGLE (DEGR)	CO/LINK (PPM)																	
		REC1 20	REC2 10	REC3 25	REC4 240	REC5 20	REC6 30	REC7 245	REC8 315	REC9 250	REC10 260	REC11 0	REC12 0	REC13 325	REC14 5	REC15 300	REC16 320	REC17 0	REC18 290
1	*	.0	.0	.0	.0	.1	.5	.4	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S32B230P.OUT

39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S 32 FAIRFIELD PARK

RUN: FAIRFIELD PARK

B230PM

PAGE 7

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																	
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18
	20	10	25	240	20	30	245	315	250	260	0	0	325	5	300	320	0	290

46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.2	.0	.1	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0
84	*	.2	.2	.0	.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0
85	*	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
86	*	.0	.0	.1	.0	.5	.2	.4	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0
87	*	.1	.1	.5	.4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0
88	*	.4	.5	.0	.2	.0	.0	.0	.0	.2	.2	.0	.0	.0	.1	.1	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

Site 33
Residence near Waterford Park

										S33EXAM.DAT		
										60.0175.0.0000.000110.30480000	11	1
S33	RES	NEAR	WATERFORD	PK								
R63	RES	WATERFORD	P	190003.	638991.	5.						
R64	RES	WATERFORD	P	190075.	639103.	5.						
R65	RES	WATERFORD	P	190137.	639187.	5.						
R66	RES	WATERFORD	P	190207.	639287.	5.						
R67	RES	WATERFORD	P	190268.	639360.	5.						
R63	RES	WATERFORD	P	190831.	640013.	5.						
R64	RES	WATERFORD	P	190721.	639881.	5.						
R65	RES	WATERFORD	PA	190624.	639786.	5.						
R66	RES	WATERFORD	PA	190527.	639680.	5.						
R67	RES	WATERFORD	PA	190425.	639569.	5.						
R68	RES	WATERFORD	PA	190334.	639461.	5.						
RES	NEAR	WATERFORD	1998	AM			89	1	1			
1												
1		NB	15	AG190860.639818.191068.639999.	3097.	3.4	0.	44.	50.4			
2		NB	15	AG191068.639999.191332.640193.	3097.	3.4	0.	44.	50.4			
3		NB	15	AG191332.640193.191857.640571.	3097.	3.4	0.	44.	50.4			
4		NB	OFFRAMPAG	191857.640571.191960.640623.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	191960.640623.192030.640626.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192030.640626.192088.640593.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192088.640593.192120.640535.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192120.640535.192120.640486.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192120.640486.192104.640441.	363.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192104.640441.191970.640296.	363.	2.6	0.	32.	30.0			
11		NB	OFFRAMPAG	191970.640296.191905.640219.	109.	2.6	0.	32.	30.0			
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1						
102		81	4.0	109	28.3	1770	2	3				
14		NB	OFFRAMPAG	191970.640296.191878.640271.	254.	2.6	0.	32.	30.0			
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1						
102		81	4.0	1	28.3	1750	2	3				
15		SB	2ND ST	AG191905.640219.191845.640144.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191845.640144.191808.640099.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191808.640099.191790.640058.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191790.640058.191779.640011.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191779.640011.191779.639965.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191779.639965.191789.639884.	540.	2.6	0.	32.	30.0			
15		SB	2ND ST	AG191789.639884.191805.639773.	540.	2.6	0.	32.	30.0			
22		SB	2ND ST	AG191805.639773.191855.639481.	540.	2.6	0.	32.	30.0			
23		NB	15	AG191857.640571.192459.641017.	2734.	3.4	0.	44.	54.1			
24		NB	2ND ST	AG191873.639485.191811.639835.	227.	2.6	0.	32.	30.0			
24		NB	2ND ST	AG191811.639835.191805.639914.	227.	2.6	0.	32.	30.0			
24		NB	2ND ST	AG191805.639914.191797.639982.	227.	2.6	0.	32.	30.0			
24		NB	2ND ST	AG191797.639982.191809.640061.	227.	2.6	0.	32.	30.0			
24		NB	2ND ST	AG191809.640061.191837.640112.	227.	2.6	0.	32.	30.0			
24		NB	2ND ST	AG191837.640112.191934.640223.	227.	2.6	0.	32.	30.0			
30		NB	2ND ST	AG191902.640185.191872.640151.	0.	12.	1					
102		81	4.0	216	28.3	1688	2	3				
31		NB	15	ON RAG191934.640223.191986.640270.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG191986.640270.192132.640439.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192132.640439.192165.640514.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192165.640514.192184.640621.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192184.640621.192226.640733.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192226.640733.192290.640837.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192290.640837.192329.640883.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192329.640883.192397.640944.	212.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192397.640944.192459.641017.	212.	2.6	0.	32.	30.0			
40		SB	15	AG192414.641075.191866.640671.	3233.	3.4	0.	44.	53.1			
41		SB	15	AG191866.640671.191396.640337.	3233.	3.4	0.	44.	53.1			
42		SB	15	OFFRAG191396.640337.191304.640300.	164.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191304.640300.191225.640317.	164.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191225.640317.191185.640352.	164.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191185.640352.191163.640405.	164.	2.6	0.	32.	30.0			

42	1	SB 15	OFFRAG191163.640405.191169.640531.	164. 2.6	0. 32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	164. 2.6	0. 32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	164. 2.6	0. 32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	76. 2.6	0. 32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701. 32 15 4.0 76 28.3 1770 2 3	0. 12.	1	
51	1	SB 15	OFFRAG191246.640695.191341.640730.	88. 2.6	0. 32.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700. 90 15 4.0 16 28.3 1676 2 3	0. 12.	1	
53	1	SB 15	AG191396.640337.191282.640244.	3069. 3.4	0. 44.	53.3
54	1	SB 15	AG191282.640244.190930.639988.	3069. 3.4	0. 44.	53.3
55	1	SB 15	AG190930.639988.190811.639884.	3509. 3.4	0. 44.	53.3
56	1	WB ROSEMONAG	192403.639820.192097.640064.	255. 2.6	0. 44.	30.0
57	1	WB ROSEMONAG	192097.640064.191916.640222.	255. 2.6	0. 44.	30.0
58	2	WB ROSE Q	AG191949.640193.192034.640119. 102 30 4.0 236 28.3 1742 2 3	0. 24.	2	
59	1	WB ROSEMONAG	191916.640222.191878.640271.	619. 2.6	0. 44.	30.0
60	1	WB ROSEMONAG	191878.640271.191817.640307.	619. 2.6	0. 44.	30.0
61	1	WB ROSEMONAG	191817.640307.191306.640792.	611. 2.6	0. 44.	30.0
62	2	WB ROSE Q	AG191330.640769.191421.640683. 32 9 4.0 594 28.3 1752 2 3	0. 24.	2	
63	1	WB ROSEMONAG	191306.640792.191144.640951.	662. 2.6	0. 44.	30.0
64	1	WB ROSEMONAG	191144.640951.191046.641019.	662. 2.6	0. 44.	30.0
65	1	WB ROSEMONAG	191046.641019.190888.641123.	662. 2.6	0. 44.	30.0
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1238. 2.6	0. 44.	30.0
67	1	SB 270	ONRAG190977.641037.191077.640931.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191077.640931.191137.640865.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191137.640865.191176.640783.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191176.640783.191178.640713.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191178.640713.191156.640575.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191156.640575.191108.640301.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191108.640301.191083.640220.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191083.640220.191038.640125.	440. 2.6	0. 32.	30.0
67	1	SB 270	ONRAG191038.640125.190930.639988.	440. 2.6	0. 32.	30.0
76	1	EB ROSE	AG190977.641037.191115.640951.	1238. 2.6	0. 44.	30.0
77	2	EB ROSE	AG191115.640951.191305.640778.	1238. 2.6	0. 44.	30.0
78	1	WB ROSE Q	AG191279.640802.191187.640886. 32 9 4.0 824 28.3 1770 2 3	0. 24.	2	
79	1	EB ROSE	AG191307.640777.191579.640509.	897. 2.6	0. 44.	30.0
80	2	EB ROSE	AG191579.640509.191907.640207.	1500. 2.6	0. 44.	30.0
81	1	EB ROSE Q	AG191867.640244.191768.640335. 102 30 4.0 991 28.3 1717 2 3	0. 24.	2	
80	1	EB ROSE	AG191907.640207.192388.639800.	924. 2.6	0. 44.	30.0
80	1	SB 15	AG190810.639884.190461.639523.	3509. 3.5	0.44.0	30.0
80	1	SB 15	AG190461.639524.190212.639214.	3509. 3.5	0.44.0	30.0
80	1	SB 15	AG190212.639214.190004.638912.	3509. 3.5	0.44.0	30.0
80	1	NB 15	AG190860.639817.190678.639647.	3097. 3.5	0.44.0	30.0
80	1	NB 15	AG190678.639647.190434.639378.	3097. 3.5	0.44.0	30.0
80	1	NB 15	AG190434.639378.190212.639090.	3097. 3.5	0.44.0	30.0
80	1	NB 15	AG190			

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/15/2006 TIME: 10:34:35.17

RUN: RES NEAR WATERFORD1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3097.	3.4	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3097.	3.4	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3097.	3.4	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	363.	2.6	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	363.	2.6	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	363.	2.6	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	363.	2.6	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	363.	2.6	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	363.	2.6	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	363.	2.6	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	109.	2.6	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191981.3	640309.1	*	90.	41. AG	60.	100.0	.0	12.0	.96	4.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	254.	2.6	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	191897.4	640277.1	*	0.	73. AG	60.	100.0	.0	12.0	.01	.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	540.	2.6	.0	32.0		
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	540.	2.6	.0	32.0		
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	540.	2.6	.0	32.0		
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	540.	2.6	.0	32.0		
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	540.	2.6	.0	32.0		
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	540.	2.6	.0	32.0		
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	540.	2.6	.0	32.0		
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	540.	2.6	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2734.	3.4	.0	44.0		
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0		
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0		
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0		
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0		
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0		
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0		
30. 30	NB 2ND ST *	191902.0	640185.0	191020.0	639185.9	*	1333.	221. AG	60.	100.0	.0	12.0	2.14	67.7
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	212.	2.6	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	212.	2.6	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	212.	2.6	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	212.	2.6	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	212.	2.6	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	212.	2.6	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	212.	2.6	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	212.	2.6	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	212.	2.6	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3233.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3233.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	164.	2.6	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	164.	2.6	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	164.	2.6	.0	32.0		

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/15/2006 TIME: 10:34:35.17

RUN: RES NEAR WATERFORD1998 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	164.	2.6	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	164.	2.6	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	164.	2.6	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	164.	2.6	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	76.	2.6	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191280.3	640741.0	*	6.	216. AG	36.	100.0	.0	12.0	.29	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	88.	2.6	.0	32.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191326.8	640724.6	*	1.	250. AG	13.	100.0	.0	12.0	.03	.1
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3069.	3.4	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3069.	3.4	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3509.	3.4	.0	44.0		
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	255.	2.6	.0	44.0		
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	255.	2.6	.0	44.0		
58. 58	WB ROSE Q *	191949.0	640193.0	191963.6	640180.3	*	19.	131. AG	45.	100.0	.0	24.0	.25	1.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	619.	2.6	.0	44.0		
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	619.	2.6	.0	44.0		
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	611.	2.6	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191346.3	640753.6	*	22.	133. AG	43.	100.0	.0	24.0	.74	1.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	662.	2.6	.0	44.0		
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	662.	2.6	.0	44.0		
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	662.	2.6	.0	44.0		
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1238.	2.6	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	440.	2.6	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	440.	2.6	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	440.	2.6	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	440.	2.6	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	440.	2.6	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	440.	2.6	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	440.	2.6	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	440.	2.6	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	440.	2.6	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1238.	2.6	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1238.	2.6	.0	44.0		
78. 78	WB ROSE Q *	191279.0	640802.0	191168.3	640903.1	*	150.	312. AG	43.	100.0	.0	24.0	1.01	7.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	897.	2.6	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1500.	2.6	.0	44.0		

S33EXAM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191492.4	640588.4	* 509.	313.	AG	45.	100.0	.0	24.0	1.07	25.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	924.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3509.	3.5	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3509.	3.5	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3509.	3.5	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3097.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3097.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3097.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3097.	3.5	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD1998 AM
 DATE: 12/15/2006 TIME: 10:34:35.17

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	102	81	4.0	109	770	28.30	1 3
14. 14	NBOFFRAMP *	102	81	4.0	1	750	28.30	1 3
30. 30	NB 2ND ST *	102	81	4.0	216	688	28.30	1 3
50. 50	SB15 RAMP *	32	15	4.0	76	770	28.30	1 3
52. 52	SB15 RAMP *	90	15	4.0	16	676	28.30	1 3
58. 58	WB ROSE Q *	102	30	4.0	236	742	28.30	1 3
62. 62	WB ROSE Q *	32	9	4.0	594	752	28.30	1 3
78. 78	WB ROSE Q *	32	9	4.0	824	770	28.30	1 3
81. 81	EB ROSE Q *	102	30	4.0	991	717	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	* 190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	* 190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	* 190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	* 190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	* 190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	* 190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	* 190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	* 190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	* 190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	* 190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	* 190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD1998 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .3	.2	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	* .4	.3	.3	.3	.2	.0	.0	.0	.1	.1	.1	.1
45.	* .5	.5	.5	.4	.3	.0	.1	.0	.1	.2	.2	.2
50.	* .5	.6	.7	.5	.4	.0	.2	.3	.2	.2	.3	.3
55.	* .5	.4	.6	.5	.5	.1	.2	.3	.2	.4	.4	.4
60.	* .6	.5	.6	.4	.5	.2	.3	.4	.3	.4	.4	.4
65.	* .6	.5	.5	.5	.4	.4	.4	.5	.5	.4	.5	.5
70.	* .5	.4	.5	.5	.4	.4	.5	.4	.4	.5	.4	.4
75.	* .4	.4	.4	.4	.4	.3	.5	.3	.4	.5	.4	.4
80.	* .4	.4	.5	.4	.5	.3	.4	.4	.4	.4	.3	.3
85.	* .4	.4	.5	.4	.5	.3	.3	.4	.4	.4	.4	.4
90.	* .4	.5	.4	.4	.5	.3	.4	.3	.4	.4	.3	.3
95.	* .4	.5	.4	.4	.4	.4	.4	.3	.4	.4	.3	.3
100.	* .4	.5	.4	.4	.4	.3	.4	.3	.4	.4	.3	.3
105.	* .4	.4	.4	.4	.4	.3	.3	.3	.4	.4	.3	.3
110.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3
115.	* .4	.4	.4	.4	.4	.2	.4	.3	.3	.3	.3	.3
120.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3
125.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3
130.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4
135.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3
140.	* .4	.4	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3
145.	* .4	.4	.5	.4	.4	.3	.3	.3	.3	.4	.3	.3
150.	* .4	.4	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3
155.	* .4	.4	.4	.4	.4	.3	.3	.4	.3	.4	.4	.4
160.	* .4	.4	.4	.4	.4	.3	.3	.4	.3	.3	.4	.4
165.	* .3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4
170.	* .3	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4
175.	* .2	.4	.4	.6	.4	.3	.4	.3	.4	.5	.4	.4
180.	* .2	.4	.4	.6	.4	.4	.4	.4	.4	.5	.4	.4
185.	* .2	.4	.4	.5	.5	.3	.4	.4	.4	.4	.4	.4
190.	* .1	.4	.4	.5	.6	.3	.5	.4	.4	.4	.4	.4
195.	* .1	.3	.4	.5	.6	.4	.5	.4	.5	.4	.5	.5
200.	* .1	.2	.4	.4	.5	.4	.4	.3	.5	.4	.4	.4
205.	* .0	.2	.3	.4	.5	.4	.4	.5	.4	.5	.4	.4

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD1998 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.1	.2	.2	.3	.3	.5	.5	.4	.4	.3
215.	.0	.1	.1	.2	.2	.3	.4	.2	.3	.3	.2
220.	.0	.0	.1	.1	.2	.1	.3	.2	.1	.2	.2
225.	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.6	.6	.7	.6	.6	.4	.5	.5	.5	.5	.5
DEGR.	60	50	50	175	190	65	70	65	65	70	65

THE HIGHEST CONCENTRATION IS .70 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 60 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 50 DEGREES FROM REC2 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/15/2006 TIME: 10:34:35.17

RUN: RES NEAR WATERFORD1998 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD1998 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1 60	REC2 50	REC3 50	REC4 175	REC5 190	REC6 65	REC7 70	REC8 65	REC9 65	REC10 70	REC11 65
46 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0
55 *	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83 *	.0	.0	.1	.0	.0	.0	.0	.2	.3	.3	.2
84 *	.0	.2	.3	.2	.3	.0	.0	.0	.0	.0	.2
85 *	.4	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0
86 *	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
87 *	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1
88 *	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
89 *	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0

										S33EXPM.DAT		
										60.0175.0.0000.000110.30480000	11	1
S33	RES	NEAR	WATERFORD									
R63	RES	WATERFORD	P	190003.	638991.	5.						
R64	RES	WATERFORD	P	190075.	639103.	5.						
R65	RES	WATERFORD	P	190137.	639187.	5.						
R66	RES	WATERFORD	P	190207.	639287.	5.						
R67	RES	WATERFORD	P	190268.	639360.	5.						
R63	RES	WATERFORD	P	190831.	640013.	5.						
R64	RES	WATERFORD	P	190721.	639881.	5.						
R65	RES	WATERFORD	PA	190624.	639786.	5.						
R66	RES	WATERFORD	PA	190527.	639680.	5.						
R67	RES	WATERFORD	PA	190425.	639569.	5.						
R68	RES	WATERFORD	PA	190334.	639461.	5.						
RES	NEAR	WATERFORD	1998	PM			89	1	1			
1												
1		NB	15	AG190860.639818.191068.639999.	3917.	3.5	0.	44.	50.4			
2		NB	15	AG191068.639999.191332.640193.	3917.	3.5	0.	44.	50.4			
3		NB	15	AG191332.640193.191857.640571.	3917.	3.5	0.	44.	50.4			
4		NB	OFFRAMPAG	191857.640571.191960.640623.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	191960.640623.192030.640626.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192030.640626.192088.640593.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192088.640593.192120.640535.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192120.640535.192120.640486.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192120.640486.192104.640441.	729.	2.6	0.	32.	30.0			
4		NB	OFFRAMPAG	192104.640441.191970.640296.	729.	2.6	0.	32.	30.0			
11		NB	OFFRAMPAG	191970.640296.191905.640219.	238.	2.6	0.	32.	30.0			
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.	12.	1						
148		108	4.0	238	28.3	1781	2	3				
14		NB	OFFRAMPAG	191970.640296.191878.640271.	491.	2.6	0.	32.	30.0			
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.	12.	1						
148		108	4.0	243	28.3	1583	2	3				
15		SB	2ND	ST AG191905.640219.191845.640144.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191845.640144.191808.640099.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191808.640099.191790.640058.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191790.640058.191779.640011.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191779.640011.191779.639965.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191779.639965.191789.639884.	138.	2.6	0.	32.	30.0			
15		SB	2ND	ST AG191789.639884.191805.639773.	138.	2.6	0.	32.	30.0			
22		SB	2ND	ST AG191805.639773.191855.639481.	138.	2.6	0.	32.	30.0			
23		NB	15	AG191857.640571.192459.641017.	3188.	3.5	0.	44.	54.1			
24		NB	2ND	ST AG191873.639485.191811.639835.	227.	2.6	0.	32.	30.0			
24		NB	2ND	ST AG191811.639835.191805.639914.	227.	2.6	0.	32.	30.0			
24		NB	2ND	ST AG191805.639914.191797.639982.	227.	2.6	0.	32.	30.0			
24		NB	2ND	ST AG191797.639982.191809.640061.	227.	2.6	0.	32.	30.0			
24		NB	2ND	ST AG191809.640061.191837.640112.	227.	2.6	0.	32.	30.0			
24		NB	2ND	ST AG191837.640112.191934.640223.	227.	2.6	0.	32.	30.0			
30		NB	2ND	ST AG191902.640185.191872.640151.	0.	20.	2					
148		124	4.0	224	28.3	1680	2	3				
31		NB	15	ON RAG191934.640223.191986.640270.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG191986.640270.192132.640439.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192132.640439.192165.640514.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192165.640514.192184.640621.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192184.640621.192226.640733.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192226.640733.192290.640837.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192290.640837.192329.640883.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192329.640883.192397.640944.	177.	2.6	0.	32.	30.0			
31		NB	15	ON RAG192397.640944.192459.641017.	177.	2.6	0.	32.	30.0			
40		SB	15	AG192414.641075.191866.640671.	2985.	3.4	0.	44.	53.1			
41		SB	15	AG191866.640671.191396.640337.	2985.	3.4	0.	44.	53.1			
42		SB	15	OFFRAG191396.640337.191304.640300.	113.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191304.640300.191225.640317.	113.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191225.640317.191185.640352.	113.	2.6	0.	32.	30.0			
42		SB	15	OFFRAG191185.640352.191163.640405.	113.	2.6	0.	32.	30.0			

42	1	SB 15 OFFRAG191163.640405.191169.640531.	113.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	113.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	113.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	64.	2.6	0.	32.	30.0
50	33	SB15 RAMP AG191284.640746.191251.640701.	0.	12.	1		
		16 4.0 64 28.3 1770 2 3					
51	1	SB 15 OFFRAG191246.640695.191341.640730.	49.	2.6	0.	32.	30.0
52	33	SB15 RAMP AG191328.640725.191261.640700.	0.	12.	1		
		16 4.0 1 28.3 1750 2 3					
53	1	SB 15 AG191396.640337.191282.640244.	2872.	3.4	0.	44.	53.3
54	1	SB 15 AG191282.640244.190930.639988.	2872.	3.4	0.	44.	53.3
55	1	SB 15 AG190930.639988.190811.639884.	3156.	3.4	0.	44.	53.3
56	1	WB ROSEMONAG192403.639820.192097.640064.	664.	2.6	0.	44.	30.0
57	1	WB ROSEMONAG192097.640064.191916.640222.	664.	2.6	0.	44.	30.0
58	148	WB ROSE Q AG191949.640193.192034.640119.	0.	24.	2		
		52 4.0 647 28.3 1736 2 3					
59	1	WB ROSEMONAG191916.640222.191878.640271.	1274.	2.6	0.	44.	30.0
60	1	WB ROSEMONAG191878.640271.191817.640307.	1274.	2.6	0.	44.	30.0
61	1	WB ROSEMONAG191817.640307.191306.640792.	727.	2.6	0.	44.	30.0
62	33	WB ROSE Q AG191330.640769.191421.640683.	0.	24.	2		
		9 4.0 475 28.3 1674 2 3					
63	1	WB ROSEMONAG191306.640792.191144.640951.	564.	2.6	0.	44.	30.0
64	1	WB ROSEMONAG191144.640951.191046.641019.	564.	2.6	0.	44.	30.0
65	1	WB ROSEMONAG191046.641019.190888.641123.	564.	2.6	0.	44.	30.0
66	1	EB ROSEMONAG190873.641107.190977.641037.	1003.	2.6	0.	44.	30.0
67	1	SB 270 ONRAG190977.641037.191077.640931.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191077.640931.191137.640865.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191137.640865.191176.640783.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191176.640783.191178.640713.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191178.640713.191156.640575.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191156.640575.191108.640301.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191108.640301.191083.640220.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191083.640220.191038.640125.	284.	2.6	0.	32.	30.0
67	1	SB 270 ONRAG191038.640125.190930.639988.	284.	2.6	0.	32.	30.0
76	1	EB ROSE AG190977.641037.191115.640951.	1003.	2.6	0.	44.	30.0
77	2	EB ROSE AG191115.640951.191305.640778.	1003.	2.6	0.	44.	30.0
78	33	WB ROSE Q AG191279.640802.191187.640886.	0.	24.	2		
		9 4.0 838 28.3 1765 2 3					
79	1	EB ROSE AG191307.640777.191579.640509.	888.	2.6	0.	44.	30.0
80	2	EB ROSE AG191579.640509.191907.640207.	911.	2.6	0.	44.	30.0
81	148	EB ROSE Q AG191867.640244.191768.640335.	0.	24.	2		
		52 4.0 823 28.31 1718 2 3					
80	1	EB ROSE AG191907.640207.192388.639800.	942.	2.6	0.	44.	30.0
80	1	SB 15 AG190810.639884.190461.639523.	3156.	3.5	0.44.0		30.0
80	1	SB 15 AG190461.639524.190212.639214.	3156.	3.5	0.44.0		30.0
80	1	SB 15 AG190212.639214.190004.638912.	3156.	3.5	0.44.0		30.0
80	1	NB 15 AG190860.639817.190678.639647.	3917.	3.5	0.44.0		30.0
80	1	NB 15 AG190678.639647.190434.639378.	3917.	3.5	0.44.0		30.0
80	1	NB 15 AG190434.639378.190212.639090.	3917.	3.5	0.44.0		30.0
80	1	NB 15 AG190212.639090.190063.638865.	3917.	3.5	0.44.0		30.0
1.0	0.4	1000. 0.0Y 5 0 72					

JOB: S33 RES NEAR WATERFORD
DATE: 12/15/2006 TIME: 10:34:58.18

RUN: RES NEAR WATERFORD1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3917.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3917.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3917.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	729.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	729.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	729.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	729.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	729.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	729.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	729.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	238.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192448.2	640854.9	*	808.	41. AG	55. 100.0	.0	12.0	1.33	41.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	491.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193180.0	640623.7	*	1329.	75. AG	55. 100.0	.0	12.0	1.83	67.5
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	138.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	138.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	138.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	138.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	138.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	138.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	138.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	138.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3188.	3.5	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191616.4	639861.4	*	432.	221. AG	127. 100.0	.0	20.0	1.37	21.9
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	177.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	177.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	177.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	177.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	177.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	177.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	177.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	177.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	177.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	2985.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	2985.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	113.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	113.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	113.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD
DATE: 12/15/2006 TIME: 10:34:58.18

RUN: RES NEAR WATERFORD1998 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	113.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	113.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	113.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	113.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	64.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191280.7	640741.5	*	6.	216. AG	37. 100.0	.0	12.0	.25	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	49.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191327.9	640725.0	*	0.	242. AG	37. 100.0	.0	12.0	.00	.0
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2872.	3.4	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2872.	3.4	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3156.	3.4	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	664.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	664.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192018.3	640132.7	*	92.	131. AG	53. 100.0	.0	24.0	.72	4.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1274.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1274.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	727.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191339.7	640759.8	*	13.	133. AG	41. 100.0	.0	24.0	.65	.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	564.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	564.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	564.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1003.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	284.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	284.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	284.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	284.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	284.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	284.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	284.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	284.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	284.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1003.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1003.	2.6	.0	44.0	
78. 78	WB ROSE Q *	191279.0	640802.0	191174.8	640897.2	*	141.	312. AG	41. 100.0	.0	24.0	1.00	7.2
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	888.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	911.	2.6	.0	44.0	

S33EXPM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191781.0	640323.1	*	117.	313.	AG	53.	100.0	.0	24.0	.39	5.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	942.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3156.	3.5	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3156.	3.5	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3156.	3.5	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3917.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3917.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3917.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3917.	3.5	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD RUN: RES NEAR WATERFORD1998 PM
 DATE: 12/15/2006 TIME: 10:34:58.18

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	148	108	4.0	238	781	28.30	1 3
14. 14	NBOFFRAMP *	148	108	4.0	243	583	28.30	1 3
30. 30	NB 2ND ST *	148	124	4.0	224	680	28.30	1 3
50. 50	SB15 RAMP *	33	16	4.0	64	770	28.30	1 3
52. 52	SB15 RAMP *	33	16	4.0	1	750	28.30	1 3
58. 58	WB ROSE Q *	148	52	4.0	647	736	28.30	1 3
62. 62	WB ROSE Q *	33	9	4.0	475	674	28.30	1 3
78. 78	WB ROSE Q *	33	9	4.0	838	765	28.30	1 3
81. 81	EB ROSE Q *	148	52	4.0	823	1718	28.31	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	* 190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	* 190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	* 190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	* 190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	* 190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	* 190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	* 190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	* 190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	* 190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	* 190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	* 190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD RUN: RES NEAR WATERFORD1998 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.1	.1
40.	* .4	.2	.3	.2	.2	.0	.0	.0	.1	.1	.1	.1
45.	* .4	.4	.4	.4	.4	.0	.1	.0	.1	.1	.2	.2
50.	* .5	.5	.7	.4	.4	.0	.2	.3	.1	.2	.3	.3
55.	* .5	.5	.6	.5	.5	.2	.3	.3	.3	.3	.5	.5
60.	* .5	.5	.5	.5	.5	.6	.2	.4	.5	.4	.4	.5
65.	* .5	.6	.6	.5	.5	.3	.6	.5	.4	.5	.5	.5
70.	* .5	.5	.6	.5	.5	.4	.5	.3	.4	.5	.5	.5
75.	* .5	.5	.5	.5	.5	.4	.5	.4	.4	.5	.5	.5
80.	* .5	.5	.5	.5	.5	.3	.4	.4	.4	.5	.4	.4
85.	* .5	.4	.5	.5	.5	.3	.4	.4	.3	.4	.4	.4
90.	* .5	.5	.5	.5	.5	.3	.4	.3	.3	.4	.4	.4
95.	* .5	.5	.5	.5	.5	.4	.4	.3	.4	.4	.4	.4
100.	* .5	.5	.5	.5	.5	.3	.4	.4	.4	.4	.4	.4
105.	* .5	.3	.5	.5	.5	.3	.3	.4	.4	.4	.4	.4
110.	* .5	.3	.5	.5	.5	.3	.4	.4	.4	.4	.3	.3
115.	* .5	.4	.5	.4	.5	.2	.4	.4	.3	.4	.3	.3
120.	* .5	.4	.5	.4	.5	.2	.4	.4	.3	.4	.3	.3
125.	* .5	.4	.5	.4	.5	.3	.3	.4	.4	.4	.4	.4
130.	* .5	.4	.4	.4	.5	.3	.3	.4	.4	.5	.4	.4
135.	* .5	.4	.5	.4	.5	.3	.3	.3	.4	.4	.4	.4
140.	* .4	.4	.5	.4	.5	.3	.3	.3	.4	.4	.3	.3
145.	* .4	.4	.5	.4	.5	.3	.4	.3	.4	.4	.3	.3
150.	* .4	.5	.5	.4	.5	.3	.3	.3	.4	.5	.4	.4
155.	* .4	.5	.4	.4	.5	.3	.3	.4	.4	.3	.4	.4
160.	* .4	.5	.5	.4	.5	.3	.4	.4	.4	.3	.4	.4
165.	* .2	.5	.5	.5	.5	.3	.4	.4	.4	.3	.4	.4
170.	* .2	.5	.5	.5	.5	.4	.4	.3	.4	.4	.4	.4
175.	* .2	.4	.5	.5	.5	.3	.3	.3	.4	.4	.4	.4
180.	* .2	.4	.5	.5	.5	.3	.3	.4	.4	.5	.4	.4
185.	* .1	.4	.5	.5	.5	.3	.4	.4	.4	.5	.5	.5
190.	* .1	.4	.4	.4	.6	.3	.5	.4	.5	.4	.4	.4
195.	* .1	.2	.4	.5	.5	.3	.5	.4	.5	.4	.4	.4
200.	* .0	.2	.4	.4	.5	.5	.4	.4	.5	.4	.5	.5
205.	* .0	.1	.2	.3	.5	.4	.4	.5	.4	.3	.5	.5

JOB: S33 RES NEAR WATERFORD

RUN: RES NEAR WATERFORD1998 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.1	.2	.2	.4	.4	.3	.5	.4	.4	.3
215.	.0	.1	.1	.2	.2	.3	.4	.3	.3	.3	.2
220.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.2
225.	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.0
230.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.5	.6	.7	.5	.6	.5	.6	.5	.5	.5	.5
DEGR.	50	65	50	55	60	200	65	60	190	65	55

THE HIGHEST CONCENTRATION IS .70 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 60 DEGREES FROM REC5 .

JOB: S33 RES NEAR WATERFORD

RUN: RES NEAR WATERFORD1998 PM

PAGE 6

DATE: 12/15/2006 TIME: 10:34:58.18

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD

RUN: RES NEAR WATERFORD1998 PM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1 50	REC2 65	REC3 50	REC4 55	REC5 60	REC6 200	REC7 65	REC8 60	REC9 190	REC10 65	REC11 55
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
55	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.1	.1	.1	.2	.0	.1	.2	.3	.2
84	.1	.1	.3	.3	.3	.0	.0	.0	.1	.0	.1
85	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
87	.0	.0	.1	.1	.2	.1	.0	.0	.1	.1	.1
88	.1	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S33NB15A.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	NB15	AM	89	1	1		
1									
1		NB	15	AG190860.639818.191068.639999.	2925.4.0	0.44.	56		
2		NB	15	AG191068.639999.191332.640193.	2925.4.0	0.44.	56		
3		NB	15	AG191332.640193.191857.640571.	2925.4.0	0.44.	56		
4		NB	OFFRAMPAG	191857.640571.191960.640623.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	191960.640623.192030.640626.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	192030.640626.192088.640593.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	192088.640593.192120.640535.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640535.192120.640486.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640486.192104.640441.	525.2.9	0.32.	30.0		
4		NB	OFFRAMPAG	192104.640441.191970.640296.	525.2.9	0.32.	30.0		
11		NB	OFFRAMPAG	191970.640296.191905.640219.	175.2.9	0.32.	30.0		
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1				
95		75	4.0	175	32.2	1770	2	3	
14		NB	OFFRAMPAG	191970.640296.191878.640271.	350.2.9	0.32.	30.0		
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1				
95		75	4.0	350	32.2	1583	2	3	
15		SB	2ND ST	AG191905.640219.191845.640144.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191845.640144.191808.640099.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191808.640099.191790.640058.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191790.640058.191779.640011.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191779.640011.191779.639965.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191779.639965.191789.639884.	600.2.9	0.32.	30.0		
15		SB	2ND ST	AG191789.639884.191805.639773.	600.2.9	0.32.	30.0		
22		SB	2ND ST	AG191805.639773.191855.639481.	600.2.9	0.32.	30.0		
23		NB	15	AG191857.640571.192459.641017.	2550.4.0	0.44.	56		
24		NB	2ND ST	AG191873.639485.191811.639835.	225.2.9	0.32.	30.0		
24		NB	2ND ST	AG191811.639835.191805.639914.	225.2.9	0.32.	30.0		
24		NB	2ND ST	AG191805.639914.191797.639982.	225.2.9	0.32.	30.0		
24		NB	2ND ST	AG191797.639982.191809.640061.	225.2.9	0.32.	30.0		
24		NB	2ND ST	AG191809.640061.191837.640112.	225.2.9	0.32.	30.0		
24		NB	2ND ST	AG191837.640112.191934.640223.	225.2.9	0.32.	30.0		
30		NB	2ND ST	AG191902.640185.191872.640151.	0.12.	1			
95		77	4.0	225	32.2	1682	2	3	
31		NB	15	ON RAG191934.640223.191986.640270.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG191986.640270.192132.640439.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192132.640439.192165.640514.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192165.640514.192184.640621.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192184.640621.192226.640733.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192226.640733.192290.640837.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192290.640837.192329.640883.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192329.640883.192397.640944.	150.2.9	0.32.	30.0		
31		NB	15	ON RAG192397.640944.192459.641017.	150.2.9	0.32.	30.0		
40		SB	15	AG192414.641075.191866.640671.	3425.3.4	0.44.	50		
41		SB	15	AG191866.640671.191396.640337.	3425.3.4	0.44.	50		
42		SB	15	OFFRAG191396.640337.191304.640300.	100.2.9	0.32.	30.0		
42		SB	15	OFFRAG191304.640300.191225.640317.	100.2.9	0.32.	30.0		
42		SB	15	OFFRAG191225.640317.191185.640352.	100.2.9	0.32.	30.0		
42		SB	15	OFFRAG191185.640352.191163.640405.	100.2.9	0.32.	30.0		

42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.	0.	12.	1		
		65	50 4.0 50 32.2 1308 2 3					
51	1	SB 15	OFFRAG191246.640695.191341.640730.	50.	2.9	0.	44.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.	0.	24.	2		
		65	50 4.0 50 32.2 1583 2 3					
53	1	SB 15	AG191396.640337.191282.640244.	3325.	3.9	0.	44.	55
54	1	SB 15	AG191282.640244.190930.639988.	3325.	3.9	0.	44.	55
55	1	SB 15	AG190930.639988.190811.639884.	4000.	3.7	0.	44.	51
56	1	WB ROSEMONAG	192403.639820.192097.640064.	300.	2.9	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	300.	2.9	0.	44.	30
58	2	WB ROSE Q	AG191949.640193.192034.640119.	0.	24.	2		
		95	73 4.0 300 32.2 1719 2 3					
59	1	WB ROSEMONAG	191916.640222.191878.640271.	725.	2.9	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	1000.	2.9	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	1000.	2.9	0.	44.	30
62	2	WB ROSE Q	AG191330.640769.191421.640683.	0.	24.	2		
		65	37 4.0 1000 32.2 1746 2 3					
63	1	WB ROSEMONAG	191306.640792.191144.640951.	925.	2.9	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	925.	2.9	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	925.	2.9	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1175.	2.9	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	675.	2.9	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	550.	2.9	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	550.	2.9	0.	44.	30
78	2	eB ROSE Q	AG191279.640802.191187.640886.	0.	24.	2		
		65	37 4.0 550 32.2 1762 2 3					
79	1	EB ROSE	AG191307.640777.191579.640509.	600.	2.9	0.	44.	30
80	2	EB ROSE	AG191579.640509.191907.640207.	1125.	2.9	0.	44.	30
81	1	EB ROSE Q	AG191867.640244.191768.640335.	0.	24.	2		
		95	56 4.0 1125 32.2 1715 2 3					
80	1	EB ROSE	AG191907.640207.192388.639800.	650.	2.9	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	4000.	3.7	0.	44.	51
80	1	SB 15	AG190461.639524.190212.639214.	4000.	3.7	0.		

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:39:28.25

RUN: RES NEAR WATERFORD NB15 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2925.	4.0	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2925.	4.0	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2925.	4.0	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	525.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	525.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	525.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	525.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	525.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	525.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	525.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191969.7	640295.5	*	72.	41. AG	68.	100.0	.0	12.0	.67 3.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	350.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193228.7	640636.8	*	1379.	75. AG	68.	100.0	.0	12.0	1.50 70.1
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2550.	4.0	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191716.9	639975.3	*	280.	221. AG	70.	100.0	.0	12.0	1.06 14.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3425.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3425.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:39:28.25

RUN: RES NEAR WATERFORD NB15 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191275.9	640735.0	*	14.	216. AG	66.	100.0	.0	12.0	.28 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191321.6	640722.6	*	7.	250. AG	133.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.9	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.9	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4000.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	191994.2	640153.7	*	60.	131. AG	133.	100.0	.0	24.0	.52 3.0
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	725.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.5	640692.0	*	112.	133. AG	98.	100.0	.0	24.0	.85 5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1175.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	550.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	550.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191237.9	640839.5	*	56.	312. AG	98.	100.0	.0	24.0	.46 2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	600.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1125.	2.9	.0	44.0	

S33NB15A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.5	*	215.	313.	AG	102.	100.0	.0	24.0	.94	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	650.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4000.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4000.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4000.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2925.	4.0	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2925.	4.0	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2925.	4.0	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2925.	4.0	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB15 AM
 DATE: 01/20/2007 TIME: 22:39:28.25

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	95	75	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP *	95	75	4.0	350	1583	32.20	2 3
30. 30	NB 2ND ST *	95	77	4.0	225	1682	32.20	2 3
50. 50	SB15 RAMP *	65	50	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP *	65	50	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q *	95	73	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q *	65	37	4.0	1000	1746	32.20	2 3
78. 78	eB ROSE Q *	65	37	4.0	550	1762	32.20	2 3
81. 81	EB ROSE Q *	95	56	4.0	1125	1715	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R63 RES WATERFORD P	* 190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	* 190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	* 190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	* 190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	* 190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	* 190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	* 190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	* 190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	* 190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	* 190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	* 190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB15 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
35.	.3	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.4	.4	.3	.3	.0	.0	.0	.1	.1	.1	.1
45.	.5	.7	.5	.5	.4	.0	.2	.2	.1	.2	.2	.2
50.	.6	.7	.8	.5	.6	.1	.2	.3	.4	.3	.3	.3
55.	.6	.7	.8	.6	.5	.1	.2	.3	.4	.4	.5	.5
60.	.6	.5	.6	.7	.6	.2	.4	.5	.6	.5	.6	.6
65.	.6	.7	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
70.	.6	.6	.5	.6	.5	.4	.6	.5	.4	.6	.4	.4
75.	.5	.6	.7	.6	.5	.3	.6	.4	.4	.6	.5	.5
80.	.5	.5	.6	.5	.6	.3	.4	.5	.4	.5	.5	.5
85.	.5	.4	.6	.5	.6	.3	.5	.5	.4	.4	.4	.4
90.	.5	.5	.6	.5	.6	.5	.4	.4	.4	.4	.4	.4
95.	.5	.5	.5	.4	.5	.5	.4	.4	.4	.4	.4	.4
100.	.5	.5	.4	.4	.5	.3	.4	.4	.5	.4	.4	.4
105.	.5	.4	.4	.4	.4	.3	.4	.4	.5	.4	.4	.4
110.	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
115.	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4
120.	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4
125.	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.5	.5
130.	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.5	.5
135.	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4
140.	.4	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4
145.	.4	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4
150.	.4	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4
155.	.4	.4	.5	.4	.4	.3	.4	.5	.4	.4	.4	.4
160.	.4	.4	.5	.5	.5	.3	.4	.5	.4	.4	.4	.4
165.	.3	.5	.5	.5	.6	.3	.4	.4	.4	.4	.4	.4
170.	.3	.5	.6	.5	.6	.4	.4	.4	.4	.4	.4	.4
175.	.3	.5	.6	.6	.5	.4	.4	.4	.4	.5	.4	.4
180.	.2	.5	.6	.6	.5	.4	.4	.4	.4	.5	.4	.4
185.	.2	.5	.5	.6	.6	.4	.5	.4	.4	.5	.4	.4
190.	.1	.4	.5	.5	.6	.3	.5	.4	.5	.5	.4	.4
195.	.1	.3	.5	.6	.6	.4	.5	.4	.6	.5	.5	.5
200.	.1	.3	.5	.5	.7	.5	.4	.5	.6	.5	.6	.6
205.	.0	.2	.3	.4	.5	.5	.4	.6	.5	.5	.5	.5

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB15 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.1	.2	.3	.5	.4	.5	.5	.5	.5	.3
215.	.0	.1	.2	.2	.3	.4	.5	.3	.5	.3	.2
220.	.0	.1	.1	.1	.2	.3	.3	.2	.3	.2	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.6	.7	.8	.7	.7	.5	.6	.6	.6	.6	.6
DEGR.	40	45	50	60	200	90	70	205	60	70	60

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 45 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 60 DEGREES FROM REC4 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 01/20/2007 TIME: 22:39:28.25

RUN: RES NEAR WATERFORD NB15 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 40	REC2 45	REC3 50	REC4 60	REC5 200	REC6 90	REC7 70	REC8 205	REC9 60	REC10 70	REC11 60
1 *	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
2 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB15 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	40	45	50	60	200	90	70	205	60	70	60
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0
55	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.1	.1	.1	.1	.0	.0	.1	.3	.3	.4	.2
84	.1	.2	.4	.4	.3	.0	.0	.1	.0	.0	.2
85	.3	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
87	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1
88	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0
89	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S33NB15P.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	NB15	PM	89	1	1		
1									
1		NB	15	AG190860.639818.191068.639999.	3650.3.9	0.44.	54		
2		NB	15	AG191068.639999.191332.640193.	3650.3.9	0.44.	54		
3		NB	15	AG191332.640193.191857.640571.	3650.3.9	0.44.	54		
4		NB	OFFRAMPAG191857.640571.191960.640623.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG191960.640623.192030.640626.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG192030.640626.192088.640593.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG192088.640593.192120.640535.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG192120.640535.192120.640486.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG192120.640486.192104.640441.	650.2.9	0.32.	30.0			
4		NB	OFFRAMPAG192104.640441.191970.640296.	650.2.9	0.32.	30.0			
11		NB	OFFRAMPAG191970.640296.191905.640219.	200.2.9	0.32.	30.0			
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1				
135		113	4.0 200 32.2 1770 2 3						
14		NB	OFFRAMPAG191970.640296.191878.640271.	450.2.9	0.32.	30.0			
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1				
135		113	4.0 450 32.2 1583 2 3						
15		SB	2ND ST AG191905.640219.191845.640144.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191845.640144.191808.640099.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191808.640099.191790.640058.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191790.640058.191779.640011.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191779.640011.191779.639965.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191779.639965.191789.639884.	200.2.9	0.32.	30.0			
15		SB	2ND ST AG191789.639884.191805.639773.	200.2.9	0.32.	30.0			
22		SB	2ND ST AG191805.639773.191855.639481.	200.2.9	0.32.	30.0			
23		NB	15 AG191857.640571.192459.641017.	3250.4.0	0.44.	56			
24		NB	2ND ST AG191873.639485.191811.639835.	650.2.9	0.32.	30.0			
24		NB	2ND ST AG191811.639835.191805.639914.	650.2.9	0.32.	30.0			
24		NB	2ND ST AG191805.639914.191797.639982.	650.2.9	0.32.	30.0			
24		NB	2ND ST AG191797.639982.191809.640061.	650.2.9	0.32.	30.0			
24		NB	2ND ST AG191809.640061.191837.640112.	650.2.9	0.32.	30.0			
24		NB	2ND ST AG191837.640112.191934.640223.	650.2.9	0.32.	30.0			
30		NB	2ND ST AG191902.640185.191872.640151.	0.12.	1				
135		102	4.0 650 32.2 1680 2 3						
31		NB	15 ON RAG191934.640223.191986.640270.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG191986.640270.192132.640439.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192132.640439.192165.640514.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192165.640514.192184.640621.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192184.640621.192226.640733.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192226.640733.192290.640837.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192290.640837.192329.640883.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192329.640883.192397.640944.	250.2.9	0.32.	30.0			
31		NB	15 ON RAG192397.640944.192459.641017.	250.2.9	0.32.	30.0			
40		SB	15 AG192414.641075.191866.640671.	3100.4.0	0.44.	56			
41		SB	15 AG191866.640671.191396.640337.	3100.4.0	0.44.	56			
42		SB	15 OFFRAG191396.640337.191304.640300.	100.2.9	0.32.	30.0			
42		SB	15 OFFRAG191304.640300.191225.640317.	100.2.9	0.32.	30.0			
42		SB	15 OFFRAG191225.640317.191185.640352.	100.2.9	0.32.	30.0			
42		SB	15 OFFRAG191185.640352.191163.640405.	100.2.9	0.32.	30.0			

42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	2	SB15 RAMP AG191284.640746.191251.640701.	0.	12.	1		
	65	49 4.0 50 32.2 1342 2 3					
51	1	SB 15 OFFRAG191246.640695.191341.640730.	25.	2.9	0.	44.	30.0
52	2	SB15 RAMP AG191328.640725.191261.640700.	0.	24.	2		
	65	49 4.0 25 32.2 1583 2 3					
53	1	SB 15 AG191396.640337.191282.640244.	3100.	4.0	0.	44.	56
54	1	SB 15 AG191282.640244.190930.639988.	3100.	4.0	0.	44.	56
55	1	SB 15 AG190930.639988.190811.639884.	3675.	3.9	0.	44.	54
56	1	WB ROSEMONAG192403.639820.192097.640064.	650.	2.9	0.	44.	30
57	1	WB ROSEMONAG192097.640064.191916.640222.	650.	2.9	0.	44.	30
58	2	WB ROSE Q AG191949.640193.192034.640119.	0.	24.	2		
	135	104 4.0 650 32.2 1726 2 3					
59	1	WB ROSEMONAG191916.640222.191878.640271.	1575.	2.9	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	1000.	2.9	0.	44.	30
61	1	WB ROSEMONAG191817.640307.191306.640792.	1000.	2.9	0.	44.	30
62	2	WB ROSE Q AG191330.640769.191421.640683.	0.	24.	2		
	65	38 4.0 1000 32.2 1746 2 3					
63	1	WB ROSEMONAG191306.640792.191144.640951.	900.	2.9	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	900.	2.9	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	900.	2.9	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1150.	2.9	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	750.	2.9	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	750.	2.9	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	625.	2.9	0.	44.	30
77	1	EB ROSE AG191115.640951.191305.640778.	625.	2.9	0.	44.	30
78	2	eB ROSE Q AG191279.640802.191187.640886.	0.	24.	2		
	65	38 4.0 625 32.2 1759 2 3					
79	1	EB ROSE AG191307.640777.191579.640509.	650.	2.9	0.	44.	30
80	1	EB ROSE AG191579.640509.191907.640207.	775.	2.9	0.	44.	30
81	2	EB ROSE Q AG191867.640244.191768.640335.	0.	24.	2		
	135	82 4.0 775 32.2 1712 2 3					
80	1	EB ROSE AG191907.640207.192388.639800.	675.	2.9	0.	44.	30
80	1	SB 15 AG190810.639884.190461.639523.	3675.	3.9	0.	44.	54
80	1	SB 15 AG190461.639524.190212.639214.	3675.	3.9	0.	44.	54
80	1	SB 15 AG190212.639214.190004.638912.	3675.	3.9	0.	44.	54
80	1	NB 15 AG190860.639817.190678.639647.	3650.	3.9	0.	44.	54
80	1	NB					

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:48:31.14

RUN: RES NEAR WATERFORD NB15 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3650.	3.9	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3650.	3.9	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3650.	3.9	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192025.4	640360.6	*	157.	41. AG	72. 100.0	.0	12.0	.96	8.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	450.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194775.7	641054.8	*	2982.	75. AG	72. 100.0	.0	12.0	2.41	151.5
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.0	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189537.9	637506.9	*	3572.	221. AG	65. 100.0	.0	12.0	1.93	181.5
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	250.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	250.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	250.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	250.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	250.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	250.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	250.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	250.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	250.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3100.	4.0	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3100.	4.0	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:48:31.14

RUN: RES NEAR WATERFORD NB15 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65. 100.0	.0	12.0	.24	.7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25. 2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130. 100.0	.0	24.0	.05	.2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.0	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.0	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3675.	3.9	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	650.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	650.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192179.2	639992.7	*	305.	131. AG	133. 100.0	.0	24.0	1.02	15.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1575.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191421.5	640682.6	*	126.	133. AG	101. 100.0	.0	24.0	.89	6.4
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	900.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	900.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	900.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1150.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	625.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	625.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191231.1	640845.7	*	65.	312. AG	101. 100.0	.0	24.0	.55	3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	775.	2.9	.0	44.0	

S33NB15P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191739.2	640361.5	*	174.	313.	AG	105.	100.0	.0	24.0	.65	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	675.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3675.	3.9	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3675.	3.9	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3675.	3.9	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3650.	3.9	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3650.	3.9	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3650.	3.9	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3650.	3.9	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB15 PM
 DATE: 01/20/2007 TIME: 22:48:31.14

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	113	4.0	200	1770	2	3
14. 14	NBOFFRAMP *	135	113	4.0	450	1583	2	3
30. 30	NB 2ND ST *	135	102	4.0	650	1680	2	3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	2	3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	2	3
58. 58	WB ROSE Q *	135	104	4.0	650	1726	2	3
62. 62	WB ROSE Q *	65	38	4.0	1000	1746	2	3
78. 78	EB ROSE Q *	65	38	4.0	625	1759	2	3
81. 81	EB ROSE Q *	135	82	4.0	775	1712	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB15 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
35.	.3	.2	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.4	.4	.5	.3	.2	.0	.0	.0	.1	.1	.1	.1
45.	.5	.7	.5	.4	.4	.0	.1	.2	.1	.2	.2	.2
50.	.6	.7	.7	.5	.5	.1	.2	.3	.4	.2	.3	.3
55.	.7	.7	.7	.6	.5	.2	.4	.4	.5	.4	.5	.5
60.	.6	.6	.6	.7	.7	.3	.5	.6	.5	.4	.6	.6
65.	.6	.6	.8	.6	.7	.4	.6	.6	.5	.6	.6	.6
70.	.6	.6	.6	.6	.6	.4	.6	.4	.5	.6	.5	.5
75.	.6	.6	.7	.6	.7	.4	.6	.5	.4	.6	.6	.6
80.	.6	.6	.6	.6	.6	.3	.4	.5	.5	.5	.6	.6
85.	.6	.4	.6	.6	.6	.3	.5	.5	.5	.5	.5	.5
90.	.6	.5	.5	.5	.5	.4	.5	.4	.4	.5	.5	.5
95.	.6	.5	.5	.5	.4	.5	.5	.4	.5	.5	.5	.5
100.	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5
105.	.5	.4	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
110.	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5
115.	.5	.5	.5	.5	.5	.4	.5	.5	.4	.5	.4	.4
120.	.5	.5	.5	.5	.5	.3	.5	.5	.4	.5	.4	.4
125.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.4	.5	.5
130.	.5	.5	.4	.5	.5	.3	.4	.5	.5	.5	.5	.5
135.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
140.	.5	.5	.5	.5	.5	.3	.5	.4	.5	.5	.4	.4
145.	.4	.5	.5	.5	.5	.3	.5	.4	.5	.5	.4	.4
150.	.4	.5	.5	.5	.5	.3	.5	.4	.5	.5	.5	.5
155.	.4	.5	.4	.5	.5	.3	.5	.5	.5	.5	.5	.5
160.	.4	.5	.6	.6	.5	.3	.5	.5	.5	.4	.5	.5
165.	.3	.6	.6	.6	.5	.3	.5	.5	.5	.4	.5	.5
170.	.3	.6	.6	.5	.6	.4	.5	.4	.5	.5	.5	.5
175.	.3	.5	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
180.	.2	.5	.6	.6	.6	.4	.4	.5	.5	.5	.5	.5
185.	.2	.5	.6	.6	.7	.4	.5	.5	.5	.5	.5	.5
190.	.1	.4	.5	.5	.6	.3	.5	.5	.6	.6	.5	.5
195.	.1	.3	.5	.6	.6	.4	.5	.5	.6	.6	.6	.6
200.	.1	.3	.5	.5	.7	.5	.4	.6	.6	.5	.6	.6
205.	.0	.2	.3	.4	.5	.4	.4	.6	.6	.5	.5	.5

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB15 PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.1	.2	.4	.4	.4	.6	.5	.4	.5	.4
215.	.0	.1	.2	.2	.3	.3	.4	.4	.5	.3	.2
220.	.0	.0	.1	.1	.2	.2	.4	.2	.2	.2	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.7	.7	.8	.7	.7	.5	.6	.6	.6	.6	.6
DEGR.	55	45	65	60	75	95	65	60	190	65	60

THE HIGHEST CONCENTRATION IS .80 PPM AT 65 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 55 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 45 DEGREES FROM REC2 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 01/20/2007 TIME: 22:48:31.14

RUN: RES NEAR WATERFORD NB15 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 55	REC2 45	REC3 65	REC4 60	REC5 75	REC6 95	REC7 65	REC8 60	REC9 190	REC10 65	REC11 60
1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB15 PM

LINK #	*	CO/LINK (PPM)										
		ANGLE (DEGREES)										
		REC1 55	REC2 45	REC3 65	REC4 60	REC5 75	REC6 95	REC7 65	REC8 60	REC9 190	REC10 65	REC11 60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.0	.1	.0	.0	.0	.2	.3	.4	.2
84	*	.1	.2	.3	.4	.4	.0	.0	.0	.1	.0	.2
85	*	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
87	*	.0	.1	.1	.1	.2	.0	.0	.0	.1	.1	.1
88	*	.1	.1	.2	.1	.1	.0	.0	.0	.1	.0	.0
89	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

S33B115A.DAT

S33	RES NEAR WATERFORD PK	60.0175.0.0000.000110.30480000	11	1
R63	RES WATERFORD P 190003.	638991.	5.	
R64	RES WATERFORD P 190075.	639103.	5.	
R65	RES WATERFORD P 190137.	639187.	5.	
R66	RES WATERFORD P 190207.	639287.	5.	
R67	RES WATERFORD P 190268.	639360.	5.	
R63	RES WATERFORD P 190831.	640013.	5.	
R64	RES WATERFORD P 190721.	639881.	5.	
R65	RES WATERFORD PA 190624.	639786.	5.	
R66	RES WATERFORD PA 190527.	639680.	5.	
R67	RES WATERFORD PA 190425.	639569.	5.	
R68	RES WATERFORD PA 190334.	639461.	5.	
RES	NEAR WATERFORD B115 AM	89 1 1		
1				
1	NB 15 AG190860.639818.191068.639999.	2900.4.2 0.44.	59	
2	NB 15 AG191068.639999.191332.640193.	2900.4.2 0.44.	50.4	
3	NB 15 AG191332.640193.191857.640571.	2900.4.2 0.44.	50.4	
4	NB OFFRAMPAG191857.640571.191960.640623.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	550.2.9 0.32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	550.2.9 0.32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	175.2.9 0.32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0.12. 1		
105	84 4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG191970.640296.191878.640271.	375.2.9 0.32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0.12. 1		
105	84 4.0 375 32.2 1583 2 3			
15	SB 2ND ST AG191905.640219.191845.640144.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	600.2.9 0.32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	600.2.9 0.32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	600.2.9 0.32.	30.0	
23	NB 15 AG191857.640571.192459.641017.	2500.4.2 0.44.	59	
24	NB 2ND ST AG191873.639485.191811.639835.	225.2.9 0.32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	225.2.9 0.32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	225.2.9 0.32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	225.2.9 0.32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	225.2.9 0.32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	225.2.9 0.32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0.12. 1		
105	87 4.0 225 32.2 1681 2 3			
31	NB 15 ON RAG191934.640223.191986.640270.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192290.640837.192329.640883.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192329.640883.192397.640944.	150.2.9 0.32.	30.0	
31	NB 15 ON RAG192397.640944.192459.641017.	150.2.9 0.32.	30.0	
40	SB 15 AG192414.641075.191866.640671.	3500.4.2 0.44.	59	
41	SB 15 AG191866.640671.191396.640337.	3500.4.2 0.44.	59	
42	SB 15 OFFRAG191396.640337.191304.640300.	100.2.9 0.32.	30.0	
42	SB 15 OFFRAG191304.640300.191225.640317.	100.2.9 0.32.	30.0	
42	SB 15 OFFRAG191225.640317.191185.640352.	100.2.9 0.32.	30.0	
42	SB 15 OFFRAG191185.640352.191163.640405.	100.2.9 0.32.	30.0	

42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	60	SB15 RAMP	AG191284.640746.191251.640701.4.0 50 32.2 1308 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	50.	2.9	0.	44.	30.0
52	60	SB15 RAMP	AG191328.640725.191261.640700.4.0 50 32.2 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	3400.	4.2	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	3400.	4.2	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	4100.	4.2	0.	44.	59
56	1	WB	ROSEMONAG192403.639820.192097.640064.	300.	2.9	0.	44.	30
57	1	WB	ROSEMONAG192097.640064.191916.640222.	300.	2.9	0.	44.	30
58	105	WB ROSE Q	AG191949.640193.192034.640119.4.0 300 32.2 1719 2 3	0.	24.	2		
59	1	WB	ROSEMONAG191916.640222.191878.640271.	750.	2.9	0.	44.	30
60	1	WB	ROSEMONAG191878.640271.191817.640307.	750.	2.9	0.	44.	30
61	1	WB	ROSEMONAG191817.640307.191306.640792.	750.	2.9	0.	44.	30
62	60	WB ROSE Q	AG191330.640769.191421.640683.4.0 750 32.2 1726 2 3	0.	24.	2		
63	1	WB	ROSEMONAG191306.640792.191144.640951.	675.	2.9	0.	44.	30
64	1	WB	ROSEMONAG191144.640951.191046.641019.	675.	2.9	0.	44.	30
65	1	WB	ROSEMONAG191046.641019.190888.641123.	675.	2.9	0.	44.	30
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1300.	2.9	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	700.	2.9	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	700.	2.9	0.	32.	30
76	1	EB	ROSE AG190977.641037.191115.640951.	650.	2.9	0.	44.	30
77	2	EB	ROSE AG191115.640951.191305.640778.	650.	2.9	0.	44.	30
78	60	eB ROSE Q	AG191279.640802.191187.640886.4.0 650 32.2 1763 2 3	0.	24.	2		
79	1	EB	ROSE AG191307.640777.191579.640509.	700.	2.9	0.	44.	30
80	2	EB	ROSE AG191579.640509.191907.640207.	1225.	2.9	0.	44.	30
81	105	EB ROSE Q	AG191867.640244.191768.640335.4.0 1225 32.2 1716 2 3	0.	24.	2		
80	1	EB	ROSE AG191907.640207.192388.639800.	750.	2.9	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	4100.	4.2	0.	44.	59
80	1	SB 15	AG190461.639524.190212.639214.	4100.	4.2	0.	44.	59
80	1	SB 15	AG190212.639214.190004.638912.	4100.	4.2	0.	44.	59
80	1	NB 15	AG190860.639817.190678.639647.	2900.	4.2	0.	44.	59
80	1	NB 15	AG190678.639647.190434.639378.	2900				

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:22:20.32

RUN: RES NEAR WATERFORD B115 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2900.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2900.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2900.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	550.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	550.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	550.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	550.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	550.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	550.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	550.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69.	100.0	.0	12.0	.69 4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69.	100.0	.0	12.0	1.66 87.8
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2500.	4.2	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3500.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3500.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:22:20.32

RUN: RES NEAR WATERFORD B115 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.7	640736.1	*	12.	216. AG	65.	100.0	.0	12.0	.26 .6
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191322.2	640722.9	*	6.	250. AG	130.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3400.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3400.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4100.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137.	100.0	.0	24.0	.57 3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	750.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109.	100.0	.0	24.0	.82 4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	675.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	675.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	675.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1300.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191238.3	640839.2	*	55.	312. AG	89.	100.0	.0	24.0	.48 2.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S33B115A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	750.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4100.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4100.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4100.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2900.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2900.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2900.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2900.	4.2	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B115 AM
 DATE: 01/20/2007 TIME: 22:22:20.32

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	84	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP *	105	84	4.0	375	1583	32.20	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	32.20	2 3
50. 50	SB15 RAMP *	60	45	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP *	60	45	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q *	105	83	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q *	60	38	4.0	750	1726	32.20	2 3
78. 78	EB ROSE Q *	60	31	4.0	650	1763	32.20	2 3
81. 81	EB ROSE Q *	105	57	4.0	1225	1716	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B115 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1
35.	.4	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.4	.4	.3	.4	.0	.0	.0	.1	.1	.2	.2
45.	.7	.7	.6	.5	.6	.0	.2	.3	.3	.2	.3	.3
50.	.6	.8	.8	.6	.6	.1	.2	.3	.4	.3	.4	.4
55.	.7	.7	.8	.6	.7	.2	.3	.3	.6	.5	.6	.6
60.	.7	.6	.8	.8	.6	.4	.6	.5	.7	.5	.7	.7
65.	.7	.7	.6	.7	.7	.5	.5	.6	.6	.6	.5	.5
70.	.7	.6	.8	.7	.6	.4	.7	.5	.6	.6	.6	.6
75.	.6	.6	.7	.7	.6	.4	.7	.5	.5	.6	.5	.5
80.	.6	.5	.7	.5	.7	.4	.4	.5	.5	.5	.6	.6
85.	.6	.5	.7	.5	.6	.3	.5	.5	.5	.5	.6	.6
90.	.6	.6	.7	.6	.6	.5	.5	.4	.5	.5	.5	.5
95.	.6	.6	.6	.6	.5	.5	.5	.4	.5	.5	.4	.5
100.	.6	.6	.6	.5	.5	.4	.5	.4	.5	.5	.5	.5
105.	.5	.5	.6	.5	.5	.4	.5	.4	.5	.5	.4	.4
110.	.6	.5	.5	.5	.5	.4	.5	.4	.4	.5	.4	.4
115.	.6	.5	.5	.5	.5	.4	.5	.4	.4	.4	.4	.4
120.	.6	.5	.5	.5	.6	.3	.4	.4	.4	.4	.4	.4
125.	.5	.5	.5	.5	.6	.4	.4	.4	.4	.5	.5	.5
130.	.5	.6	.5	.5	.6	.4	.4	.4	.4	.5	.5	.5
135.	.5	.5	.5	.5	.6	.4	.4	.4	.4	.4	.5	.5
140.	.5	.5	.6	.5	.6	.4	.4	.4	.4	.5	.4	.4
145.	.5	.5	.6	.5	.5	.4	.4	.4	.4	.5	.4	.4
150.	.5	.6	.5	.5	.6	.4	.4	.4	.4	.4	.4	.4
155.	.5	.6	.5	.5	.6	.4	.4	.5	.4	.5	.5	.5
160.	.5	.6	.5	.5	.6	.4	.4	.5	.4	.4	.5	.5
165.	.4	.5	.6	.5	.6	.4	.4	.4	.4	.4	.5	.5
170.	.4	.5	.7	.6	.6	.5	.4	.4	.4	.5	.6	.6
175.	.3	.5	.7	.7	.6	.5	.5	.4	.5	.6	.6	.6
180.	.3	.5	.7	.7	.5	.4	.5	.5	.5	.6	.6	.6
185.	.2	.5	.6	.7	.7	.4	.6	.5	.6	.5	.5	.5
190.	.2	.5	.6	.6	.7	.5	.6	.5	.5	.5	.5	.5
195.	.1	.4	.6	.6	.8	.4	.6	.5	.6	.5	.6	.6
200.	.1	.3	.5	.6	.7	.6	.5	.6	.7	.6	.6	.6
205.	.0	.2	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B115 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.2	.3	.3	.5	.4	.6	.6	.6	.5	.3
215.	.0	.1	.2	.2	.3	.5	.5	.3	.5	.3	.3
220.	.0	.1	.1	.2	.3	.3	.3	.2	.4	.3	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.2
230.	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.7	.8	.8	.8	.8	.6	.7	.6	.7	.6	.7
DEGR.	45	50	50	60	195	200	70	65	60	65	60

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 60 DEGREES FROM REC4 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 01/20/2007 TIME: 22:22:20.32

RUN: RES NEAR WATERFORD B115 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 45	REC2 50	REC3 50	REC4 60	REC5 195	REC6 200	REC7 70	REC8 65	REC9 60	REC10 65	REC11 60
1 *	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B115 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	45	50	50	60	195	200	70	65	60	65	60
46 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
55 *	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83 *	.1	.1	.1	.1	.0	.3	.1	.3	.3	.4	.3
84 *	.1	.2	.4	.5	.4	.0	.0	.0	.0	.0	.2
85 *	.4	.3	.1	.0	.2	.0	.0	.0	.0	.0	.0
86 *	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1
87 *	.0	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1
88 *	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
89 *	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S33B115P.DAT

S33	RES NEAR WATERFORD PK	60.0175.0.0000.000110.30480000	11	1
R63	RES WATERFORD P 190003.	638991.	5.	
R64	RES WATERFORD P 190075.	639103.	5.	
R65	RES WATERFORD P 190137.	639187.	5.	
R66	RES WATERFORD P 190207.	639287.	5.	
R67	RES WATERFORD P 190268.	639360.	5.	
R63	RES WATERFORD P 190831.	640013.	5.	
R64	RES WATERFORD P 190721.	639881.	5.	
R65	RES WATERFORD PA 190624.	639786.	5.	
R66	RES WATERFORD PA 190527.	639680.	5.	
R67	RES WATERFORD PA 190425.	639569.	5.	
R68	RES WATERFORD PA 190334.	639461.	5.	
RES	NEAR WATERFORD B115 PM	89 1 1		

1	NB 15	AG190860.639818.191068.639999.	3850. 4.2 0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	3850. 4.2 0. 44.	50.4
3	NB 15	AG191332.640193.191857.640571.	3850. 4.2 0. 44.	50.4
4	NB OFFRAMPAG191857.640571.191960.640623.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	675. 2.9 0. 32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	675. 2.9 0. 32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	200. 2.9 0. 32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12. 1		
145	123 4.0 200 32.2 1770 2 3			
14	NB OFFRAMPAG191970.640296.191878.640271.	475. 2.9 0. 32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12. 1		
65	123 4.0 475 32.2 1583 2 3			
15	SB 2ND ST AG191905.640219.191845.640144.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	200. 2.9 0. 32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	200. 2.9 0. 32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	200. 2.9 0. 32.	30.0	
23	NB 15 AG191857.640571.192459.641017.	3475. 4.2 0. 44.	59	
24	NB 2ND ST AG191873.639485.191811.639835.	650. 2.9 0. 32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	650. 2.9 0. 32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	650. 2.9 0. 32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	650. 2.9 0. 32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	650. 2.9 0. 32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	650. 2.9 0. 32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0. 12. 1		
145	111 4.0 650 32.2 1681 2 3			
31	NB 15 ON RAG191934.640223.191986.640270.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192290.640837.192329.640883.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192329.640883.192397.640944.	300. 2.9 0. 32.	30.0	
31	NB 15 ON RAG192397.640944.192459.641017.	300. 2.9 0. 32.	30.0	
40	SB 15 AG192414.641075.191866.640671.	3175. 4.2 0. 44.	59	
41	SB 15 AG191866.640671.191396.640337.	3175. 4.2 0. 44.	59	
42	SB 15 OFFRAG191396.640337.191304.640300.	75. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG191304.640300.191225.640317.	75. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG191225.640317.191185.640352.	75. 2.9 0. 32.	30.0	
42	SB 15 OFFRAG191185.640352.191163.640405.	75. 2.9 0. 32.	30.0	

Page 1

42	1	SB 15	OFFRAG191163.640405.191169.640531.	75.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	75.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	75.	2.9	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	50.	2.9	0.	32.	30.0
50	2	SB15	RAMP AG191284.640746.191251.640701.4.0 50 32.2 1342 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	25.	2.9	0.	44.	30.0
52	2	SB15	RAMP AG191328.640725.191261.640700.4.0 25 32.2 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	3100.	4.2	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	3100.	4.2	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	3775.	4.2	0.	44.	59
56	1	WB	ROSEMONAG192403.639820.192097.640064.	675.	2.9	0.	44.	30
57	1	WB	ROSEMONAG192097.640064.191916.640222.	675.	2.9	0.	44.	30
58	2	WB	ROSE Q AG191949.640193.192034.640119.4.0 675 32.2 1718 2 3	0.	24.	2		
59	1	WB	ROSEMONAG191916.640222.191878.640271.	1600.	2.9	0.	44.	30
60	1	WB	ROSEMONAG191878.640271.191817.640307.	1600.	2.9	0.	44.	30
61	1	WB	ROSEMONAG191817.640307.191306.640792.	1025.	2.9	0.	44.	30
62	2	WB	ROSE Q AG191330.640769.191421.640683.4.0 1025 32.2 1746 2 3	0.	24.	2		
63	1	WB	ROSEMONAG191306.640792.191144.640951.	925.	2.9	0.	44.	30
64	1	WB	ROSEMONAG191144.640951.191046.641019.	925.	2.9	0.	44.	30
65	1	WB	ROSEMONAG191046.641019.190888.641123.	925.	2.9	0.	44.	30
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1250.	2.9	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	675.	2.9	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	675.	2.9	0.	32.	30
76	1	EB	ROSE AG190977.641037.191115.640951.	700.	2.9	0.	44.	30
77	1	EB	ROSE AG191115.640951.191305.640778.	700.	2.9	0.	44.	30
78	2	eB	ROSE Q AG191279.640802.191187.640886.4.0 700 32.2 1760 2 3	0.	24.	2		
79	1	EB	ROSE AG191307.640777.191579.640509.	725.	2.9	0.	44.	30
80	1	EB	ROSE AG191579.640509.191907.640207.	850.	2.9	0.	44.	30
81	2	EB	ROSE Q AG191867.640244.191768.640335.4.0 850 32.2 1711 2 3	0.	24.	2		
80	1	EB	ROSE AG191907.640207.192388.639800.	800.	2.9	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	3775.	4.2	0.	44.	59
80	1	SB 15	AG190461.639524.190212.639214.	3775.	4.2	0.	44.	59
80	1	SB 15	AG190212.639214.190004.638912.	3775.	4.2	0.	44.	59
80	1	NB 15	AG190860.639817.190678.639647.	3850.	4.2	0.	44.	59
80	1	NB 15	AG190678.639647.190434.639378.	3850.	4.2			

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:32:39.99

RUN: RES NEAR WATERFORD B115 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3850.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3850.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3850.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73.	100.0	.0	12.0	1.03 11.8
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	192387.9	640409.6	*	509.	75. AG	163.	100.0	.0	12.0	-.30 25.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3475.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189438.5	637394.2	*	3723.	221. AG	66.	100.0	.0	12.0	2.01 189.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	300.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	300.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	300.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	300.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	300.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	300.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	300.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	300.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	300.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	75.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	75.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	75.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 01/20/2007 TIME: 22:32:39.99

RUN: RES NEAR WATERFORD B115 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	75.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	75.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	75.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	75.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65.	100.0	.0	12.0	.24 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130.	100.0	.0	24.0	.05 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3775.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	675.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	675.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192285.4	639900.3	*	446.	131. AG	133.	100.0	.0	24.0	1.06 22.7
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1600.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1600.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1025.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191428.9	640675.6	*	136.	133. AG	101.	100.0	.0	24.0	.91 6.9
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1250.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191226.7	640849.7	*	71.	312. AG	98.	100.0	.0	24.0	.59 3.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S33B115P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	* 198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	800.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3775.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3775.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3775.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3850.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3850.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3850.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3850.	4.2	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B115 PM
 DATE: 01/20/2007 TIME: 22:32:39.99

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	65	123	4.0	475	1583	32.20	2 3
30. 30	NB 2ND ST *	145	111	4.0	650	1681	32.20	2 3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	32.20	2 3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	145	112	4.0	675	1718	32.20	2 3
62. 62	WB ROSE Q *	65	38	4.0	1025	1746	32.20	2 3
78. 78	eB ROSE Q *	65	37	4.0	700	1760	32.20	2 3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B115 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1
35.	.3	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.5	.5	.3	.3	.0	.0	.0	.1	.1	.2	.2
45.	.7	.7	.5	.5	.5	.0	.2	.3	.1	.2	.3	.3
50.	.7	.8	.8	.5	.7	.1	.2	.3	.4	.4	.5	.5
55.	.8	.8	.8	.6	.8	.3	.4	.6	.6	.5	.6	.6
60.	.7	.8	.8	.7	.7	.3	.5	.7	.7	.6	.7	.7
65.	.7	.7	.8	.6	.7	.4	.6	.6	.5	.6	.7	.7
70.	.7	.6	.6	.6	.6	.4	.6	.6	.6	.6	.6	.6
75.	.7	.6	.7	.7	.7	.4	.6	.6	.7	.6	.6	.6
80.	.6	.6	.6	.6	.6	.3	.5	.5	.6	.7	.6	.6
85.	.6	.7	.6	.6	.6	.3	.6	.5	.5	.6	.5	.5
90.	.6	.6	.7	.6	.6	.5	.6	.5	.5	.6	.5	.5
95.	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5
100.	.6	.6	.6	.6	.6	.4	.6	.5	.5	.5	.5	.5
105.	.6	.7	.6	.6	.6	.3	.5	.5	.5	.5	.5	.5
110.	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5
115.	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5
120.	.6	.6	.6	.6	.6	.4	.5	.5	.5	.5	.4	.4
125.	.6	.6	.6	.6	.6	.4	.4	.5	.5	.6	.5	.5
130.	.6	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
135.	.6	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
140.	.6	.6	.6	.5	.6	.5	.5	.5	.5	.6	.4	.4
145.	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5	.5
150.	.5	.6	.6	.5	.6	.5	.5	.4	.5	.5	.5	.5
155.	.5	.6	.6	.5	.6	.4	.5	.5	.5	.6	.5	.5
160.	.5	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
165.	.4	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
170.	.3	.6	.6	.7	.6	.4	.5	.4	.5	.5	.5	.5
175.	.3	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.6
180.	.2	.5	.6	.6	.6	.4	.5	.5	.5	.6	.6	.6
185.	.2	.5	.7	.7	.8	.4	.6	.5	.5	.7	.6	.6
190.	.2	.5	.6	.6	.7	.4	.6	.5	.7	.6	.6	.6
195.	.1	.3	.5	.6	.7	.4	.6	.5	.6	.6	.7	.6
200.	.1	.3	.5	.5	.7	.5	.6	.7	.6	.7	.6	.6
205.	.0	.2	.4	.5	.5	.5	.5	.6	.6	.7	.6	.6

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B115 PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.2	.3	.4	.5	.5	.6	.5	.5	.5	.4
215.	.0	.1	.2	.2	.3	.4	.6	.5	.5	.4	.2
220.	.0	.1	.1	.1	.2	.4	.4	.2	.4	.2	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.8	.8	.8	.7	.8	.5	.6	.7	.7	.7	.7
DEGR.	55	50	50	60	55	90	65	200	60	205	60

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 55 DEGREES FROM REC1 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 01/20/2007 TIME: 22:32:39.99

RUN: RES NEAR WATERFORD B115 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 55	REC2 50	REC3 50	REC4 60	REC5 55	REC6 90	REC7 65	REC8 200	REC9 60	REC10 205	REC11 60
1 *	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
2 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B115 PM

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)										
		REC1 55	REC2 50	REC3 50	REC4 60	REC5 55	REC6 90	REC7 65	REC8 200	REC9 60	REC10 205	REC11 60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0
55	*	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.1	.1	.1	.0	.0	.3	.3	.0	.3
84	*	.1	.2	.4	.4	.4	.0	.0	.1	.0	.4	.2
85	*	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1
87	*	.0	.1	.1	.1	.2	.0	.0	.2	.0	.0	.1
88	*	.2	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0
89	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

										S33B215A										
S33 RES NEAR WATERFORD PK										60.0175.0.0000.000110.30480000 11 1										
R63	RES	WATERFORD	P	190003.	638991.	5.														
R64	RES	WATERFORD	P	190075.	639103.	5.														
R65	RES	WATERFORD	P	190137.	639187.	5.														
R66	RES	WATERFORD	P	190207.	639287.	5.														
R67	RES	WATERFORD	P	190268.	639360.	5.														
R63	RES	WATERFORD	P	190831.	640013.	5.														
R64	RES	WATERFORD	P	190721.	639881.	5.														
R65	RES	WATERFORD	PA	190624.	639786.	5.														
R66	RES	WATERFORD	PA	190527.	639680.	5.														
R67	RES	WATERFORD	PA	190425.	639569.	5.														
R68	RES	WATERFORD	PA	190334.	639461.	5.														
RES NEAR WATERFORD B215 AM								89	1	1										
1		NB	15	AG190860.639818.191068.639999.	2375.	4.2	0.	44.	59											
2		NB	15	AG191068.639999.191332.640193.	2375.	4.2	0.	44.	59											
3		NB	15	AG191332.640193.191857.640571.	2375.	4.2	0.	44.	59											
4		NB	OFFRAMP	AG191857.640571.191960.640623.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG191960.640623.192030.640626.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG192030.640626.192088.640593.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG192088.640593.192120.640535.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG192120.640535.192120.640486.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG192120.640486.192104.640441.	500.	2.9	0.	32.	30.0											
4		NB	OFFRAMP	AG192104.640441.191970.640296.	500.	2.9	0.	32.	30.0											
11		NB	OFFRAMP	AG191970.640296.191905.640219.	175.	2.9	0.	32.	30.0											
12		NB	OFFRAMP	AG191923.640241.191947.640269.	0.	12.	1													
105	84	4.0	175	32.2	1770	2	3													
14		NB	OFFRAMP	AG191970.640296.191878.640271.	375.	2.9	0.	32.	30.0											
14		NB	OFFRAMP	AG191897.640277.191934.640287.	0.	12.	1													
105	84	4.0	375	32.2	1583	2	3													
15		SB	2ND ST	AG191905.640219.191845.640144.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191845.640144.191808.640099.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191808.640099.191790.640058.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191790.640058.191779.640011.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191779.640011.191779.639965.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191779.639965.191789.639884.	150.	2.9	0.	32.	30.0											
15		SB	2ND ST	AG191789.639884.191805.639773.	150.	2.9	0.	32.	30.0											
22		SB	2ND ST	AG191805.639773.191855.639481.	150.	2.9	0.	32.	30.0											
23		NB	15	AG191857.640571.192459.641017.	2375.	4.2	0.	44.	59											
24		NB	2ND ST	AG191873.639485.191811.639835.	225.	2.9	0.	32.	30.0											
24		NB	2ND ST	AG191811.639835.191805.639914.	225.	2.9	0.	32.	30.0											
24		NB	2ND ST	AG191805.639914.191797.639982.	225.	2.9	0.	32.	30.0											
24		NB	2ND ST	AG191797.639982.191809.640061.	225.	2.9	0.	32.	30.0											
24		NB	2ND ST	AG191809.640061.191837.640112.	225.	2.9	0.	32.	30.0											
24		NB	2ND ST	AG191837.640112.191934.640223.	225.	2.9	0.	32.	30.0											
30		NB	2ND ST	AG191902.640185.191872.640151.	0.	12.	1													
105	87	4.0	225	32.2	1682	2	3													
31		NB	15 ON	RAG191934.640223.191986.640270.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG191986.640270.192132.640439.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192132.640439.192165.640514.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192165.640514.192184.640621.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192184.640621.192226.640733.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192226.640733.192290.640837.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192290.640837.192329.640883.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192329.640883.192397.640944.	350.	2.9	0.	32.	30.0											
31		NB	15 ON	RAG192397.640944.192459.641017.	350.	2.9	0.	32.	30.0											
40		SB	15	AG192414.641075.191866.640671.	3575.	4.2	0.	44.	59											
41		SB	15	AG191866.640671.191396.640337.	3575.	4.2	0.	44.	59											
42		SB	15 OFFRAG	191396.640337.191304.640300.	100.	2.9	0.	32.	30.0											
42		SB	15 OFFRAG	191304.640300.191225.640317.	100.	2.9	0.	32.	30.0											
42		SB	15 OFFRAG	191225.640317.191185.640352.	100.	2.9	0.	32.	30.0											
42		SB	15 OFFRAG	191185.640352.191163.640405.	100.	2.9	0.	32.	30.0											

							S33B215A	
42 ¹		SB 15 OFFRAG191163.640405.191169.640531.		100.	2.9	0.	32.	30.0
42 ¹		SB 15 OFFRAG191169.640531.191199.640621.		100.	2.9	0.	32.	30.0
42 ¹		SB 15 OFFRAG191199.640621.191246.640695.		100.	2.9	0.	32.	30.0
42 ¹		SB 15 OFFRAG191246.640695.191307.640777.		75.	2.9	0.	32.	30.0
50 ²		SB15 RAMP AG191284.640746.191251.640701.		0.	12.	1		
	60	44 4.0 75 32.2 1308 2 3						
51 ¹		SB 15 OFFRAG191246.640695.191341.640730.		50.	2.9	0.	44.	30.0
52 ²		SB15 RAMP AG191328.640725.191261.640700.		0.	24.	2		
	60	44 4.0 50 32.2 1583 2 3						
53 ¹		SB 15 AG191396.640337.191282.640244.		3825.	4.2	0.	44.	59
54 ¹		SB 15 AG191282.640244.190930.639988.		3825.	4.2	0.	44.	59
55 ¹		SB 15 AG190930.639988.190811.639884.		3575.	4.2	0.	44.	59
56 ¹		WB ROSEMONAG192403.639820.192097.640064.		300.	2.9	0.	44.	30
57 ¹		WB ROSEMONAG192097.640064.191916.640222.		300.	2.9	0.	44.	30
58 ²		WB ROSE Q AG191949.640193.192034.640119.		0.	24.	2		
	105	83 4.0 300 32.2 1719 2 3						
59 ¹		WB ROSEMONAG191916.640222.191878.640271.		300.	2.9	0.	44.	30
60 ¹		WB ROSEMONAG191878.640271.191817.640307.		750.	2.9	0.	44.	30
61 ¹		WB ROSEMONAG191817.640307.191306.640792.		750.	2.9	0.	44.	30
62 ²		WB ROSE Q AG191330.640769.191421.640683.		0.	24.	2		
	60	38 4.0 750 32.2 1726 2 3						
63 ¹		WB ROSEMONAG191306.640792.191144.640951.		750.	2.9	0.	44.	30
64 ¹		WB ROSEMONAG191144.640951.191046.641019.		750.	2.9	0.	44.	30
65 ¹		WB ROSEMONAG191046.641019.190888.641123.		750.	2.9	0.	44.	30
66 ¹		EB ROSEMONAG190873.641107.190977.641037.		1600.	2.9	0.	44.	30
67 ¹		SB 270 ONRAG190977.641037.191077.640931.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191077.640931.191137.640865.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191137.640865.191176.640783.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191176.640783.191178.640713.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191178.640713.191156.640575.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191156.640575.191108.640301.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191108.640301.191083.640220.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191083.640220.191038.640125.		700.	2.9	0.	32.	30
67 ¹		SB 270 ONRAG191038.640125.190930.639988.		700.	2.9	0.	32.	30
76 ¹		EB ROSE AG190977.641037.191115.640951.		650.	2.9	0.	44.	30
77 ¹		EB ROSE AG191115.640951.191305.640778.		650.	2.9	0.	44.	30
78 ²		eB ROSE Q AG191279.640802.191187.640886.		0.	24.	2		
	60	32 4.0 650 32.2 1763 2 3						
79 ¹		EB ROSE AG191307.640777.191579.640509.		650.	2.9	0.	44.	30
80 ¹		EB ROSE AG191579.640509.191907.640207.		1225.	2.9	0.	44.	30
81 ²		EB ROSE Q AG191867.640244.191768.640335.		0.	24.	2		
	105	57 4.0 1225 32.2 1716 2 3						
80 ¹		EB ROSE AG191907.640207.192388.639800.		1225.	2.9	0.	44.	30
80 ¹								

JOB: S33 RES NEAR WATERFORD PK
DATE: 03/15/2007 TIME: 20:10:40.22

RUN: RES NEAR WATERFORD B215 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2375.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2375.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2375.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	500.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	500.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	500.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	500.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	500.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	500.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	500.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69. 100.0	.0	12.0	.69	4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69. 100.0	.0	12.0	1.66	87.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	150.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	150.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	150.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2375.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72. 100.0	.0	12.0	1.17	25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3575.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3575.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 03/15/2007 TIME: 20:10:40.22

RUN: RES NEAR WATERFORD B215 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191273.3	640731.5	*	18.	216. AG	63. 100.0	.0	12.0	.35	.9
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191322.4	640722.9	*	6.	250. AG	127. 100.0	.0	24.0	.10	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3825.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3825.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3575.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q*	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137. 100.0	.0	24.0	.57	3.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	300.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q*	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109. 100.0	.0	24.0	.82	4.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	750.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	750.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	750.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q*	191279.0	640802.0	191237.0	640840.4	*	57.	312. AG	92. 100.0	.0	24.0	.50	2.9
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S33B215A

81.	81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	1225.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3575.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3575.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3575.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2375.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2375.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2375.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2375.	4.2	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK
 DATE: 03/15/2007 TIME: 20:10:40.22

RUN: RES NEAR WATERFORD B215 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	84	4.0	175	1770	32.20	2	3
14. 14	NBOFFRAMP	* 105	84	4.0	375	1583	32.20	2	3
30. 30	NB 2ND ST	* 105	87	4.0	225	1682	32.20	2	3
50. 50	SB15 RAMP	* 60	44	4.0	75	1308	32.20	2	3
52. 52	SB15 RAMP	* 60	44	4.0	50	1583	32.20	2	3
58. 58	WB ROSE Q	* 105	83	4.0	300	1719	32.20	2	3
62. 62	WB ROSE Q	* 60	38	4.0	750	1726	32.20	2	3
78. 78	EB ROSE Q	* 60	32	4.0	650	1763	32.20	2	3
81. 81	EB ROSE Q	* 105	57	4.0	1225	1716	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. R63	RES WATERFORD P	* 190003.0	638991.0	5.0	*
2. R64	RES WATERFORD P	* 190075.0	639103.0	5.0	*
3. R65	RES WATERFORD P	* 190137.0	639187.0	5.0	*
4. R66	RES WATERFORD P	* 190207.0	639287.0	5.0	*
5. R67	RES WATERFORD P	* 190268.0	639360.0	5.0	*
6. R63	RES WATERFORD P	* 190831.0	640013.0	5.0	*
7. R64	RES WATERFORD P	* 190721.0	639881.0	5.0	*
8. R65	RES WATERFORD PA	* 190624.0	639786.0	5.0	*
9. R66	RES WATERFORD PA	* 190527.0	639680.0	5.0	*
10. R67	RES WATERFORD PA	* 190425.0	639569.0	5.0	*
11. R68	RES WATERFORD PA	* 190334.0	639461.0	5.0	*

1

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B215 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
35.	*	.3	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	*	.6	.4	.4	.3	.3	.0	.1	.0	.1	.1	.2	.2
45.	*	.5	.6	.5	.5	.4	.0	.2	.2	.2	.2	.3	.3
50.	*	.6	.6	.8	.5	.6	.1	.2	.3	.4	.4	.3	.3
55.	*	.6	.6	.8	.6	.5	.2	.3	.3	.4	.4	.4	.4
60.	*	.6	.5	.6	.6	.6	.3	.4	.5	.5	.5	.5	.5
65.	*	.6	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
70.	*	.6	.5	.5	.6	.5	.5	.6	.6	.4	.6	.5	.5
75.	*	.5	.5	.6	.5	.5	.4	.5	.4	.4	.6	.5	.5
80.	*	.5	.5	.5	.5	.6	.4	.4	.5	.4	.5	.5	.5
85.	*	.5	.5	.5	.5	.6	.4	.5	.5	.4	.4	.4	.4
90.	*	.5	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4
95.	*	.5	.5	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4
100.	*	.5	.4	.4	.4	.5	.4	.4	.4	.5	.4	.4	.4
105.	*	.5	.4	.4	.4	.5	.3	.4	.4	.5	.4	.4	.4
110.	*	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
115.	*	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4
120.	*	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4
125.	*	.5	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4
130.	*	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.5
135.	*	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4
140.	*	.4	.4	.6	.4	.4	.3	.4	.4	.4	.4	.4	.4
145.	*	.4	.4	.6	.4	.4	.3	.4	.4	.4	.4	.4	.4
150.	*	.5	.4	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4
155.	*	.5	.4	.5	.4	.5	.3	.4	.4	.4	.4	.4	.4
160.	*	.3	.5	.5	.5	.5	.3	.4	.5	.4	.4	.4	.4
165.	*	.3	.5	.5	.5	.5	.3	.4	.4	.4	.4	.4	.4
170.	*	.3	.5	.5	.5	.5	.3	.4	.4	.4	.4	.4	.4
175.	*	.3	.5	.5	.6	.5	.3	.4	.4	.4	.5	.4	.4
180.	*	.2	.5	.5	.6	.5	.4	.4	.4	.4	.5	.4	.4
185.	*	.2	.5	.5	.5	.6	.4	.4	.4	.4	.5	.4	.4
190.	*	.1	.4	.5	.5	.7	.4	.5	.4	.5	.5	.4	.4
195.	*	.1	.3	.5	.6	.7	.4	.5	.4	.6	.5	.5	.5
200.	*	.1	.3	.5	.5	.6	.4	.4	.5	.6	.5	.5	.5
205.	*	.0	.2	.3	.4	.5	.5	.4	.5	.5	.5	.3	.3

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B215 AM

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.1	.2	.3	.4	.4	.5	.4	.5	.5	.3
215.	.0	.1	.2	.2	.3	.3	.5	.3	.4	.3	.2
220.	.0	.1	.1	.1	.2	.3	.3	.2	.3	.2	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.6	.6	.8	.6	.7	.5	.6	.6	.6	.6	.5
DEGR.	40	45	50	55	190	70	70	70	195	70	60

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 190 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 40 DEGREES FROM REC1 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 03/15/2007 TIME: 20:10:40.22

RUN: RES NEAR WATERFORD B215 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
2	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B215 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	40	45	50	55	190	70	70	70	195	70	60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.3	.1	.1	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.1	.1	.1	.1	.0	.1	.3	.3	.4	.2
84	*	.1	.2	.4	.4	.4	.0	.0	.1	.0	.2
85	*	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
87	*	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1
88	*	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0
89	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

										S33B215P			
S33 RES NEAR WATERFORD PK										60.0175.0.0000.000110.30480000	11	1	
R63	RES	WATERFORD	P	190003.	638991.	5.							
R64	RES	WATERFORD	P	190075.	639103.	5.							
R65	RES	WATERFORD	P	190137.	639187.	5.							
R66	RES	WATERFORD	P	190207.	639287.	5.							
R67	RES	WATERFORD	P	190268.	639360.	5.							
R63	RES	WATERFORD	P	190831.	640013.	5.							
R64	RES	WATERFORD	P	190721.	639881.	5.							
R65	RES	WATERFORD	PA	190624.	639786.	5.							
R66	RES	WATERFORD	PA	190527.	639680.	5.							
R67	RES	WATERFORD	PA	190425.	639569.	5.							
R68	RES	WATERFORD	PA	190334.	639461.	5.							
RES NEAR WATERFORD B215 PM					89	1	1						
1		NB	15	AG190860.639818.191068.639999.	3250.	4.2	0.	44.	59				
2		NB	15	AG191068.639999.191332.640193.	3250.	4.2	0.	44.	59				
3		NB	15	AG191332.640193.191857.640571.	3250.	4.2	0.	44.	59				
4		NB	OFFRAMP	AG191857.640571.191960.640623.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG191960.640623.192030.640626.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG192030.640626.192088.640593.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG192088.640593.192120.640535.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG192120.640535.192120.640486.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG192120.640486.192104.640441.	675.	2.9	0.	32.	30.0				
4		NB	OFFRAMP	AG192104.640441.191970.640296.	675.	2.9	0.	32.	30.0				
11		NB	OFFRAMP	AG191970.640296.191905.640219.	200.	2.9	0.	32.	30.0				
12		NB	OFFRAMP	AG191923.640241.191947.640269.	0.	12.	1						
145				123 4.0 200 32.2 1770 2 3									
14		NB	OFFRAMP	AG191970.640296.191878.640271.	475.	2.9	0.	32.	30.0				
14		NB	OFFRAMP	AG191897.640277.191934.640287.	0.	12.	1						
145				123 4.0 475 32.2 1583 2 3									
15		SB	2ND ST	AG191905.640219.191845.640144.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191845.640144.191808.640099.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191808.640099.191790.640058.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191790.640058.191779.640011.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191779.640011.191779.639965.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191779.639965.191789.639884.	275.	2.9	0.	32.	30.0				
15		SB	2ND ST	AG191789.639884.191805.639773.	275.	2.9	0.	32.	30.0				
22		SB	2ND ST	AG191805.639773.191855.639481.	275.	2.9	0.	32.	30.0				
23		NB	15	AG191857.640571.192459.641017.	3250.	4.2	0.	44.	59				
24		NB	2ND ST	AG191873.639485.191811.639835.	650.	2.9	0.	32.	30.0				
24		NB	2ND ST	AG191811.639835.191805.639914.	650.	2.9	0.	32.	30.0				
24		NB	2ND ST	AG191805.639914.191797.639982.	650.	2.9	0.	32.	30.0				
24		NB	2ND ST	AG191797.639982.191809.640061.	650.	2.9	0.	32.	30.0				
24		NB	2ND ST	AG191809.640061.191837.640112.	650.	2.9	0.	32.	30.0				
24		NB	2ND ST	AG191837.640112.191934.640223.	650.	2.9	0.	32.	30.0				
30		NB	2ND ST	AG191902.640185.191872.640151.	0.	12.	1						
145				114 4.0 650 32.2 1680 2 3									
31		NB	15 ON	RAG191934.640223.191986.640270.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG191986.640270.192132.640439.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192132.640439.192165.640514.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192165.640514.192184.640621.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192184.640621.192226.640733.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192226.640733.192290.640837.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192290.640837.192329.640883.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192329.640883.192397.640944.	275.	2.9	0.	32.	30.0				
31		NB	15 ON	RAG192397.640944.192459.641017.	275.	2.9	0.	32.	30.0				
40		SB	15	AG192414.641075.191866.640671.	3175.	4.2	0.	44.	59				
41		SB	15	AG191866.640671.191396.640337.	3175.	4.2	0.	44.	59				
42		SB	15 OFFRAG	191396.640337.191304.640300.	100.	2.9	0.	32.	30.0				
42		SB	15 OFFRAG	191304.640300.191225.640317.	100.	2.9	0.	32.	30.0				
42		SB	15 OFFRAG	191225.640317.191185.640352.	100.	2.9	0.	32.	30.0				
42		SB	15 OFFRAG	191185.640352.191163.640405.	100.	2.9	0.	32.	30.0				

Page 2

JOB: S33 RES NEAR WATERFORD PK
DATE: 03/15/2007 TIME: 20:13:37.74

RUN: RES NEAR WATERFORD B215 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3250.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3250.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3250.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73. 100.0	.0	12.0	1.03 11.8	
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	195186.1	641165.7	*	3407.	75. AG	73. 100.0	.0	12.0	2.73 173.1	
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	275.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	275.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	275.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	275.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	275.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	275.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	275.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	275.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	68. 100.0	.0	12.0	2.25 207.6	
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	275.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	275.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	275.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	275.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	275.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	275.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	275.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	275.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	275.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 03/15/2007 TIME: 20:13:37.74

RUN: RES NEAR WATERFORD B215 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191271.1	640728.5	*	22.	216. AG	65. 100.0	.0	12.0	.36 1.1	
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191324.7	640723.8	*	3.	249. AG	131. 100.0	.0	24.0	.05 .2	
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2875.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2875.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3175.	4.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	775.	2.9	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	775.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192671.6	639564.2	*	958.	131. AG	133. 100.0	.0	24.0	1.21 48.7	
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	775.	2.9	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1050.	2.9	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1050.	2.9	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191417.3	640686.5	*	120.	133. AG	96. 100.0	.0	24.0	.84 6.1	
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1050.	2.9	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1050.	2.9	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1050.	2.9	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	650.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	650.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	650.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	650.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	650.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	650.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	650.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	650.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	650.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191219.7	640856.2	*	80.	312. AG	104. 100.0	.0	24.0	.63 4.1	
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S33B215P

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	*	198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	850.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3175.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3175.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3175.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3250.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3250.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3250.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3250.	4.2	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B215 PM
 DATE: 03/15/2007 TIME: 20:13:37.74

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	145	123	4.0	475	1583	32.20	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	32.20	2 3
50. 50	SB15 RAMP *	70	53	4.0	75	1342	32.20	2 3
52. 52	SB15 RAMP *	70	53	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	145	112	4.0	775	1727	32.20	2 3
62. 62	WB ROSE Q *	70	39	4.0	1050	1749	32.20	2 3
78. 78	eB ROSE Q *	70	42	4.0	700	1760	32.20	2 3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*	
1. R63 RES WATERFORD P	*	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	*	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	*	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	*	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	*	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	*	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	*	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	*	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	*	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	*	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	*	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B215 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
35.	.3	.2	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.4	.4	.3	.3	.2	.0	.0	.0	.1	.1	.1	.1
45.	.5	.7	.5	.4	.4	.0	.1	.2	.1	.2	.2	.2
50.	.5	.6	.7	.5	.5	.1	.2	.3	.3	.2	.3	.3
55.	.7	.6	.6	.5	.5	.2	.3	.3	.4	.4	.5	.5
60.	.6	.6	.6	.7	.6	.3	.5	.6	.5	.4	.6	.6
65.	.6	.6	.7	.6	.7	.4	.6	.6	.5	.5	.6	.6
70.	.6	.5	.6	.6	.6	.4	.5	.4	.5	.5	.5	.5
75.	.6	.5	.5	.6	.6	.4	.6	.5	.4	.5	.5	.5
80.	.6	.5	.6	.5	.6	.3	.4	.5	.5	.5	.6	.6
85.	.5	.4	.6	.5	.5	.3	.5	.5	.4	.4	.5	.5
90.	.5	.5	.5	.5	.5	.4	.5	.4	.4	.5	.5	.5
95.	.5	.5	.5	.5	.4	.5	.4	.4	.5	.5	.5	.5
100.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
105.	.5	.4	.5	.5	.5	.3	.3	.5	.5	.5	.5	.5
110.	.5	.4	.5	.5	.5	.3	.4	.5	.5	.5	.4	.4
115.	.5	.5	.5	.5	.5	.4	.5	.5	.4	.5	.4	.4
120.	.5	.5	.5	.5	.5	.3	.5	.4	.4	.4	.4	.4
125.	.5	.5	.5	.5	.5	.3	.4	.5	.4	.4	.5	.5
130.	.5	.5	.4	.5	.5	.3	.4	.4	.5	.5	.5	.5
135.	.5	.5	.5	.5	.5	.3	.4	.3	.5	.5	.5	.5
140.	.4	.5	.5	.5	.5	.3	.4	.4	.5	.5	.4	.4
145.	.4	.5	.5	.5	.5	.3	.4	.4	.5	.5	.4	.4
150.	.4	.5	.5	.5	.5	.3	.4	.4	.5	.5	.4	.4
155.	.4	.5	.4	.5	.5	.3	.4	.5	.5	.4	.5	.5
160.	.4	.5	.5	.6	.5	.3	.5	.5	.5	.3	.5	.5
165.	.3	.5	.5	.6	.5	.3	.5	.5	.5	.4	.5	.5
170.	.3	.5	.6	.5	.5	.4	.5	.4	.5	.5	.5	.5
175.	.2	.4	.6	.6	.5	.4	.4	.4	.5	.5	.5	.5
180.	.2	.4	.6	.6	.5	.4	.4	.5	.5	.5	.5	.5
185.	.2	.4	.6	.6	.6	.3	.5	.5	.5	.5	.5	.5
190.	.1	.4	.5	.5	.6	.3	.5	.5	.6	.4	.5	.5
195.	.1	.3	.5	.5	.6	.4	.5	.5	.5	.4	.6	.6
200.	.1	.2	.4	.4	.6	.5	.4	.6	.5	.4	.6	.6
205.	.0	.2	.3	.4	.5	.4	.4	.5	.6	.5	.5	.5

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B215 PM

WIND * CONCENTRATION												
ANGLE * (PPM)												
(DEGR) *	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	
210.	.0	.1	.2	.3	.4	.4	.5	.5	.4	.4	.4	
215.	.0	.1	.1	.2	.3	.3	.4	.4	.4	.3	.2	
220.	.0	.0	.1	.1	.2	.2	.3	.2	.1	.2	.2	
225.	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	.7	.7	.7	.7	.7	.5	.6	.6	.6	.5	.6	
DEGR.	55	45	50	60	65	95	65	60	190	65	60	

THE HIGHEST CONCENTRATION IS .70 PPM AT 55 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 45 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 50 DEGREES FROM REC3 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 03/15/2007 TIME: 20:13:37.74

RUN: RES NEAR WATERFORD B215 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

* CO/LINK (PPM)												
* ANGLE (DEGREES)												
LINK #	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	
	55	45	50	60	65	95	65	60	190	65	60	
1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	
2	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	
3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B215 PM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	55	45	50	60	65	95	65	60	190	65	60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0
55	*	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.1	.1	.1	.0	.2	.3	.3	.2
84	*	.1	.2	.3	.4	.4	.0	.0	.1	.0	.2
85	*	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
87	*	.0	.1	.1	.1	.2	.0	.0	.1	.1	.1
88	*	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0
89	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

S33NB30A.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	NB33	AM	89	1	1		
1									
1		NB	15	AG190860.639818.191068.639999.	3450.3.5	0.44.	55		
2		NB	15	AG191068.639999.191332.640193.	3450.3.5	0.44.	55		
3		NB	15	AG191332.640193.191857.640571.	3450.3.5	0.44.	55		
4		NB	OFFRAMPAG	191857.640571.191960.640623.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	191960.640623.192030.640626.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192030.640626.192088.640593.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192088.640593.192120.640535.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640535.192120.640486.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640486.192104.640441.	650.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192104.640441.191970.640296.	650.2.6	0.32.	30.0		
11		NB	OFFRAMPAG	191970.640296.191905.640219.	225.2.6	0.32.	30.0		
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1				
135		81	4.0	1	28.3	1770	2	3	
14		NB	OFFRAMPAG	191970.640296.191878.640271.	425.2.6	0.32.	30.0		
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1				
135		112	4.0	425	28.3	1583	2	3	
15		SB	2ND ST	AG191905.640219.191845.640144.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191845.640144.191808.640099.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191808.640099.191790.640058.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191790.640058.191779.640011.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191779.640011.191779.639965.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191779.639965.191789.639884.	600.2.6	0.32.	30.0		
15		SB	2ND ST	AG191789.639884.191805.639773.	600.2.6	0.32.	30.0		
22		SB	2ND ST	AG191805.639773.191855.639481.	600.2.6	0.32.	30.0		
23		NB	15	AG191857.640571.192459.641017.	3000.3.5	0.44.	54.1		
24		NB	2ND ST	AG191873.639485.191811.639835.	225.2.6	0.32.	30.0		
24		NB	2ND ST	AG191811.639835.191805.639914.	225.2.6	0.32.	30.0		
24		NB	2ND ST	AG191805.639914.191797.639982.	225.2.6	0.32.	30.0		
24		NB	2ND ST	AG191797.639982.191809.640061.	225.2.6	0.32.	30.0		
24		NB	2ND ST	AG191809.640061.191837.640112.	225.2.6	0.32.	30.0		
24		NB	2ND ST	AG191837.640112.191934.640223.	225.2.6	0.32.	30.0		
30		NB	2ND ST	AG191902.640185.191872.640151.	0.12.	1			
135		115	4.0	225	28.3	1715	2	3	
31		NB	15	ON RAG191934.640223.191986.640270.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG191986.640270.192132.640439.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192132.640439.192165.640514.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192165.640514.192184.640621.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192184.640621.192226.640733.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192226.640733.192290.640837.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192290.640837.192329.640883.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192329.640883.192397.640944.	200.2.6	0.32.	30.0		
31		NB	15	ON RAG192397.640944.192459.641017.	200.2.6	0.32.	30.0		
40		SB	15	AG192414.641075.191866.640671.	4050.3.4	0.44.	50		
41		SB	15	AG191866.640671.191396.640337.	4050.3.4	0.44.	50		
42		SB	15	OFFRAG191396.640337.191304.640300.	150.2.6	0.32.	30.0		
42		SB	15	OFFRAG191304.640300.191225.640317.	150.2.6	0.32.	30.0		
42		SB	15	OFFRAG191225.640317.191185.640352.	150.2.6	0.32.	30.0		
42		SB	15	OFFRAG191185.640352.191163.640405.	150.2.6	0.32.	30.0		

42	1	SB 15	OFFRAG191163.640405.191169.640531.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	65	SB15 RAMP	AG191284.640746.191251.640701.4.0 1 28.3 1493 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	75.	2.6	0.	44.	30.0
52	65	SB15 RAMP	AG191328.640725.191261.640700.4.0 75 28.3 1446 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	3900.	3.2	0.	44.	48
54	1	SB 15	AG191282.640244.190930.639988.	3900.	3.2	0.	44.	48
55	1	SB 15	AG190930.639988.190811.639884.	4725.	3.2	0.	44.	48
56	1	WB	ROSEMONAG192403.639820.192097.640064.	400.	2.6	0.	44.	30
57	1	WB	ROSEMONAG192097.640064.191916.640222.	400.	2.6	0.	44.	30
58	135	WB ROSE Q	AG191949.640193.192034.640119.4.0 400 28.3 1715 2 3	0.	24.	2		
59	1	WB	ROSEMONAG191916.640222.191878.640271.	450.	2.6	0.	44.	30
60	1	WB	ROSEMONAG191878.640271.191817.640307.	875.	2.6	0.	44.	30
61	1	WB	ROSEMONAG191817.640307.191306.640792.	875.	2.6	0.	44.	30
62	65	WB ROSE Q	AG191330.640769.191421.640683.4.0 875 28.3 1730 2 3	0.	24.	2		
63	1	WB	ROSEMONAG191306.640792.191144.640951.	800.	2.6	0.	44.	30
64	1	WB	ROSEMONAG191144.640951.191046.641019.	800.	2.6	0.	44.	30
65	1	WB	ROSEMONAG191046.641019.190888.641123.	800.	2.6	0.	44.	30
66	1	EB	ROSEMONAG190873.641107.190977.641037.	1575.	2.6	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	825.	2.6	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	825.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	825.	2.6	0.	44.	30
77	2	EB ROSE	AG191115.640951.191305.640778.	825.	2.6	0.	44.	30
78	65	eB ROSE Q	AG191279.640802.191187.640886.4.0 825 28.3 1764 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	900.	2.6	0.	44.	30
80	2	EB ROSE	AG191579.640509.191907.640207.	1425.	2.6	0.	44.	30
81	135	EB ROSE Q	AG191867.640244.191768.640335.4.0 1425 28.3 1716 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	975.	2.6	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	4725.	3.3	0.44.0		48
80	1	SB 15	AG190461.639524.190212.639214.	4725.	3.3	0.44.0		48
80	1	SB 15	AG190212.639214.190004.638912.	4725.	3.3	0.44.0		48
80	1	NB 15	AG190860.639817.190678.639647.	3450.	3.5	0.44.0		55
80	1	NB 15	AG190678.639647.190434.639378.					

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/20/2006 TIME: 14:20:16.94

RUN: RES NEAR WATERFORD NB33 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3450.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3450.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3450.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	225.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	425.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194397.2	640952.5	*	2590.	75. AG	63.	100.0	.0	12.0	2.14 131.6
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3000.	3.5	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191456.4	639680.2	*	673.	221. AG	65.	100.0	.0	12.0	1.27 34.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4050.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4050.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/20/2006 TIME: 14:20:16.94

RUN: RES NEAR WATERFORD NB33 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.8	*	0.	215. AG	57.	100.0	.0	12.0	.00 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.17 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3900.	3.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3900.	3.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4725.	3.2	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	400.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	400.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192075.1	640083.3	*	167.	131. AG	127.	100.0	.0	24.0	.99 8.5
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	450.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	875.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	875.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.2	640692.3	*	112.	133. AG	93.	100.0	.0	24.0	.87 5.7
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	800.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	800.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	800.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1575.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	825.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	825.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	825.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	825.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	825.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	825.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	825.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	825.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	825.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	825.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	825.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191224.1	640852.2	*	74.	312. AG	77.	100.0	.0	24.0	.58 3.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1425.	2.6	.0	44.0	

S33NB30A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191692.1	640404.7	*	237.	313.	AG	69.	100.0	.0	24.0	.82	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	975.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4725.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4725.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4725.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3450.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3450.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3450.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3450.	3.5	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB33 AM
 DATE: 12/20/2006 TIME: 14:20:16.94

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP *	135	112	4.0	425	1583	28.30	2 3
30. 30	NB 2ND ST *	135	115	4.0	225	1715	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1446	28.30	2 3
58. 58	WB ROSE Q *	135	113	4.0	400	1715	28.30	2 3
62. 62	WB ROSE Q *	65	40	4.0	875	1730	28.30	2 3
78. 78	EB ROSE Q *	65	33	4.0	825	1764	28.30	2 3
81. 81	EB ROSE Q *	135	61	4.0	1425	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R63 RES WATERFORD P	* 190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	* 190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	* 190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	* 190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	* 190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	* 190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	* 190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	* 190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	* 190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	* 190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	* 190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB33 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
35.	.3	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.4	.4	.3	.3	.0	.0	.0	.1	.1	.2	.2
45.	.6	.7	.5	.5	.5	.0	.2	.3	.1	.2	.3	.3
50.	.6	.7	.8	.5	.6	.1	.2	.3	.4	.3	.4	.4
55.	.6	.7	.8	.6	.6	.2	.2	.3	.6	.4	.6	.6
60.	.7	.5	.7	.7	.6	.3	.5	.5	.5	.5	.6	.6
65.	.7	.7	.6	.6	.6	.4	.5	.5	.5	.6	.5	.5
70.	.6	.6	.6	.6	.5	.4	.6	.5	.6	.6	.5	.5
75.	.5	.6	.7	.6	.5	.3	.6	.4	.5	.6	.5	.5
80.	.5	.5	.6	.5	.6	.3	.4	.5	.5	.5	.6	.6
85.	.6	.5	.6	.5	.6	.3	.5	.5	.4	.5	.5	.5
90.	.6	.6	.7	.6	.6	.5	.4	.4	.4	.5	.5	.5
95.	.6	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4
100.	.5	.6	.6	.5	.5	.3	.5	.4	.5	.4	.4	.4
105.	.5	.5	.6	.5	.5	.3	.4	.4	.5	.4	.4	.4
110.	.5	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.4
115.	.6	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.4
120.	.6	.4	.5	.4	.5	.3	.4	.4	.4	.4	.4	.4
125.	.5	.4	.5	.4	.5	.3	.4	.4	.4	.4	.4	.5
130.	.5	.4	.5	.4	.6	.3	.4	.4	.4	.4	.4	.5
135.	.5	.4	.5	.4	.6	.3	.4	.4	.4	.4	.4	.5
140.	.5	.4	.6	.4	.5	.3	.4	.4	.4	.4	.5	.4
145.	.5	.5	.6	.4	.5	.3	.4	.4	.4	.4	.4	.4
150.	.5	.5	.5	.4	.5	.3	.4	.4	.4	.4	.4	.4
155.	.5	.6	.5	.4	.6	.3	.4	.5	.4	.5	.4	.4
160.	.5	.6	.5	.5	.6	.3	.4	.5	.4	.4	.4	.4
165.	.3	.5	.6	.5	.6	.3	.4	.4	.4	.4	.4	.4
170.	.3	.5	.6	.5	.6	.4	.4	.4	.4	.4	.4	.5
175.	.3	.5	.6	.6	.6	.4	.4	.4	.4	.5	.5	.5
180.	.2	.5	.6	.6	.5	.4	.4	.4	.4	.6	.6	.6
185.	.2	.5	.5	.7	.7	.4	.5	.4	.4	.5	.5	.5
190.	.2	.5	.5	.5	.7	.4	.6	.4	.5	.5	.5	.5
195.	.1	.3	.5	.6	.7	.4	.6	.4	.6	.5	.5	.5
200.	.1	.3	.5	.5	.7	.5	.5	.5	.6	.6	.6	.6
205.	.0	.2	.3	.5	.5	.5	.5	.6	.5	.5	.6	.6

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB33 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	
210.	.0	.2	.2	.3	.5	.4	.5	.5	.5	.3	
215.	.0	.1	.2	.2	.3	.4	.5	.3	.5	.2	
220.	.0	.1	.1	.1	.2	.3	.3	.2	.4	.2	
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	
230.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MAX	.7	.7	.8	.7	.7	.5	.6	.6	.6	.6	
DEGR.	60	45	50	60	185	90	70	205	55	65	

THE HIGHEST CONCENTRATION IS .80 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 60 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 45 DEGREES FROM REC2 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/20/2006 TIME: 14:20:16.94

RUN: RES NEAR WATERFORD NB33 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 60	REC2 45	REC3 50	REC4 60	REC5 185	REC6 90	REC7 70	REC8 205	REC9 55	REC10 65	REC11 55
1 *	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
2 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB33 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	60	45	50	60	185	90	70	205	55	65	55
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.2	.1	.0	.1	.0	.0
55	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.1	.1	.1	.0	.0	.1	.3	.3	.4	.3
84	.0	.2	.4	.4	.4	.0	.0	.1	.0	.0	.1
85	.5	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
87	.0	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1
88	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0
89	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

S33NB30P.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	NB30	PM	89	1	1		
1									
1		NB	15	AG190860.639818.191068.639999.	4675.3.1	0.44.	46		
2		NB	15	AG191068.639999.191332.640193.	4675.3.1	0.44.	46		
3		NB	15	AG191332.640193.191857.640571.	4675.3.1	0.44.	46		
4		NB	OFFRAMPAG	191857.640571.191960.640623.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	191960.640623.192030.640626.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192030.640626.192088.640593.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192088.640593.192120.640535.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640535.192120.640486.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192120.640486.192104.640441.	850.2.6	0.32.	30.0		
4		NB	OFFRAMPAG	192104.640441.191970.640296.	850.2.6	0.32.	30.0		
11		NB	OFFRAMPAG	191970.640296.191905.640219.	75.2.6	0.32.	30.0		
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1				
135		81	4.0	1	28.3	1770	2	3	
14		NB	OFFRAMPAG	191970.640296.191878.640271.	50.2.6	0.32.	30.0		
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1				
90		72	4.0	50	28.3	1723	2	3	
15		SB	2ND ST	AG191905.640219.191845.640144.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191845.640144.191808.640099.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191808.640099.191790.640058.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191790.640058.191779.640011.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191779.640011.191779.639965.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191779.639965.191789.639884.	150.2.6	0.32.	30.0		
15		SB	2ND ST	AG191789.639884.191805.639773.	150.2.6	0.32.	30.0		
22		SB	2ND ST	AG191805.639773.191855.639481.	150.2.6	0.32.	30.0		
23		NB	15	AG191857.640571.192459.641017.	4225.3.6	0.44.	56		
24		NB	2ND ST	AG191873.639485.191811.639835.	100.2.6	0.32.	30.0		
24		NB	2ND ST	AG191811.639835.191805.639914.	100.2.6	0.32.	30.0		
24		NB	2ND ST	AG191805.639914.191797.639982.	100.2.6	0.32.	30.0		
24		NB	2ND ST	AG191797.639982.191809.640061.	100.2.6	0.32.	30.0		
24		NB	2ND ST	AG191809.640061.191837.640112.	100.2.6	0.32.	30.0		
24		NB	2ND ST	AG191837.640112.191934.640223.	100.2.6	0.32.	30.0		
30		NB	2ND ST	AG191902.640185.191872.640151.	0.12.	1			
90		74	4.0	100	28.3	1463	2	3	
31		NB	15	ON RAG191934.640223.191986.640270.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG191986.640270.192132.640439.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192132.640439.192165.640514.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192165.640514.192184.640621.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192184.640621.192226.640733.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192226.640733.192290.640837.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192290.640837.192329.640883.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192329.640883.192397.640944.	350.2.6	0.32.	30.0		
31		NB	15	ON RAG192397.640944.192459.641017.	350.2.6	0.32.	30.0		
40		SB	15	AG192414.641075.191866.640671.	3775.3.4	0.44.	53		
41		SB	15	AG191866.640671.191396.640337.	3775.3.4	0.44.	53		
42		SB	15	OFFRAG191396.640337.191304.640300.	100.2.6	0.32.	30.0		
42		SB	15	OFFRAG191304.640300.191225.640317.	100.2.6	0.32.	30.0		
42		SB	15	OFFRAG191225.640317.191185.640352.	100.2.6	0.32.	30.0		
42		SB	15	OFFRAG191185.640352.191163.640405.	100.2.6	0.32.	30.0		

42	1	SB 15	OFFRAG191163.640405.191169.640531.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	100.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.72 4.0 1 28.3 1493 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	25.	2.6	0.	32.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.72 4.0 25 28.3 1463 2 3	0.	12.	1		
53	1	SB 15	AG191396.640337.191282.640244.	3675.	3.4	0.	44.	53
54	1	SB 15	AG191282.640244.190930.639988.	3675.	3.4	0.	44.	53
55	1	SB 15	AG190930.639988.190811.639884.	4425.	3.4	0.	44.	53
56	1	WB ROSEMONAG	192403.639820.192097.640064.	875.	2.6	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	875.	2.6	0.	44.	30
58	2	WB ROSE Q	AG191949.640193.192034.640119.145 115 4.0 875 28.3 1722 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	1300.	2.6	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	1850.	2.6	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	1275.	2.6	0.	44.	30
62	2	WB ROSE Q	AG191330.640769.191421.640683.90 47 4.0 1275 28.3 1751 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	1200.	2.6	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	1200.	2.6	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	1200.	2.6	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	875.	2.6	0.	44.	30
67	1	SB 270 ONRAG	190977.641037.191077.640931.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191077.640931.191137.640865.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191137.640865.191176.640783.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191176.640783.191178.640713.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191178.640713.191156.640575.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191156.640575.191108.640301.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191108.640301.191083.640220.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191083.640220.191038.640125.	750.	2.6	0.	32.	30
67	1	SB 270 ONRAG	191038.640125.190930.639988.	750.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	750.	2.6	0.	44.	30
77	2	EB ROSE	AG191115.640951.191305.640778.	750.	2.6	0.	44.	30
78	1	eB ROSE Q	AG191279.640802.191187.640886.90 55 4.0 750 28.3 1762 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	900.	2.6	0.	44.	30
80	2	EB ROSE	AG191579.640509.191907.640207.	1025.	2.6	0.	44.	30
81	1	EB ROSE Q	AG191867.640244.191768.640335.145 85 4.0 1025 28.3 1712 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	925.	2.6	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	4425.	3.3	0.44.0		50
80	1	SB 15	AG190461.639524.190212.639214.	4425.	3.3	0.44.0		50
80	1	SB 15	AG190212.639214.190004.638912.	4425.	3.3	0.44.0		50
80	1	NB 15	AG190860.639817.190678.639647.	4675.	3.3	0.44.0		46
80	1	NB 15						

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/20/2006 TIME: 14:20:49.13

RUN: RES NEAR WATERFORD NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4675.	3.1	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4675.	3.1	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4675.	3.1	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	850.	2.6	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	850.	2.6	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	850.	2.6	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	850.	2.6	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	850.	2.6	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	850.	2.6	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	850.	2.6	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	75.	2.6	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00	.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	50.	2.6	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	191916.0	640282.2	*	20.	75. AG	61.	100.0	.0	12.0	.22	1.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.6	.0	32.0		
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.6	.0	32.0		
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.6	.0	32.0		
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.6	.0	32.0		
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	150.	2.6	.0	32.0		
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	150.	2.6	.0	32.0		
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	150.	2.6	.0	32.0		
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.6	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	4225.	3.6	.0	44.0		
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	100.	2.6	.0	32.0		
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	100.	2.6	.0	32.0		
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	100.	2.6	.0	32.0		
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	100.	2.6	.0	32.0		
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	100.	2.6	.0	32.0		
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	100.	2.6	.0	32.0		
30. 30	NB 2ND ST *	191902.0	640185.0	191875.2	640154.7	*	40.	221. AG	62.	100.0	.0	12.0	.62	2.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.6	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.6	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.6	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.6	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.6	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.6	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.6	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.6	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.6	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3775.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3775.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0		

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/20/2006 TIME: 14:20:49.13

RUN: RES NEAR WATERFORD NB30 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.7	*	0.	216. AG	61.	100.0	.0	12.0	.01	.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	32.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191318.8	640721.6	*	10.	249. AG	61.	100.0	.0	12.0	.13	.5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3675.	3.4	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3675.	3.4	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4425.	3.4	.0	44.0		
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	875.	2.6	.0	44.0		
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	875.	2.6	.0	44.0		
58. 58	WB ROSE Q *	191949.0	640193.0	193349.9	638973.9	*	1857.	131. AG	120.	100.0	.0	24.0	1.53	94.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1300.	2.6	.0	44.0		
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1850.	2.6	.0	44.0		
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1275.	2.6	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191460.1	640646.1	*	179.	133. AG	79.	100.0	.0	24.0	.89	9.1
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1200.	2.6	.0	44.0		
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1200.	2.6	.0	44.0		
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1200.	2.6	.0	44.0		
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	875.	2.6	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.6	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.6	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.6	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.6	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.6	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.6	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.6	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.6	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.6	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0		
78. 78	eB ROSE Q *	191279.0	640802.0	191195.7	640878.1	*	113.	312. AG	93.	100.0	.0	24.0	.66	5.7
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1025.	2.6	.0	44.0		

S33NB30P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191691.8	640405.0	*	238.	313.	AG	89.	100.0	.0	24.0	.80	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4425.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4425.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4425.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4675.	3.3	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4675.	3.3	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4675.	3.3	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4675.	3.3	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB30 PM
DATE: 12/20/2006 TIME: 14:20:49.13

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP *	90	72	4.0	50	1723	28.30	2 3
30. 30	NB 2ND ST *	90	74	4.0	100	1463	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1463	28.30	2 3
58. 58	WB ROSE Q *	145	115	4.0	875	1722	28.30	2 3
62. 62	WB ROSE Q *	90	47	4.0	1275	1751	28.30	2 3
78. 78	eB ROSE Q *	90	55	4.0	750	1762	28.30	2 3
81. 81	EB ROSE Q *	145	85	4.0	1025	1712	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD NB30 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
35.	.3	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.5	.5	.3	.2	.0	.0	.0	.1	.1	.1	.1
45.	.6	.7	.5	.5	.5	.0	.2	.2	.1	.2	.2	.2
50.	.7	.7	.7	.5	.6	.1	.2	.3	.4	.3	.4	.4
55.	.7	.8	.8	.6	.5	.3	.4	.4	.5	.4	.6	.6
60.	.6	.7	.6	.7	.7	.3	.5	.6	.5	.4	.6	.6
65.	.6	.7	.8	.6	.7	.4	.6	.6	.5	.6	.6	.6
70.	.6	.6	.6	.6	.6	.4	.6	.5	.5	.6	.5	.5
75.	.7	.6	.7	.7	.7	.4	.6	.5	.5	.6	.6	.6
80.	.6	.6	.6	.6	.6	.3	.4	.5	.5	.5	.6	.6
85.	.6	.5	.6	.6	.6	.3	.5	.5	.5	.5	.5	.5
90.	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5
95.	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5
100.	.6	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5
105.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
110.	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5
115.	.5	.5	.5	.5	.5	.4	.5	.5	.4	.5	.4	.4
120.	.5	.5	.5	.5	.5	.3	.5	.5	.5	.5	.4	.4
125.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
130.	.5	.5	.5	.5	.5	.3	.4	.5	.5	.5	.5	.5
135.	.5	.5	.5	.5	.5	.3	.5	.5	.5	.5	.5	.5
140.	.5	.5	.5	.5	.5	.3	.5	.5	.5	.5	.4	.4
145.	.4	.5	.5	.5	.5	.3	.5	.4	.5	.5	.4	.4
150.	.4	.5	.5	.5	.5	.3	.5	.4	.5	.5	.5	.5
155.	.4	.5	.6	.5	.5	.3	.5	.5	.5	.5	.5	.5
160.	.4	.5	.6	.6	.5	.3	.5	.5	.5	.5	.5	.5
165.	.3	.6	.6	.6	.6	.3	.5	.5	.5	.5	.5	.5
170.	.3	.6	.6	.6	.6	.4	.5	.4	.5	.5	.5	.5
175.	.3	.6	.6	.6	.6	.4	.5	.5	.5	.5	.5	.5
180.	.2	.5	.6	.6	.6	.4	.4	.5	.5	.5	.5	.5
185.	.2	.5	.6	.6	.8	.4	.5	.5	.5	.6	.5	.5
190.	.1	.4	.6	.5	.6	.3	.5	.5	.7	.6	.5	.5
195.	.1	.3	.5	.6	.6	.4	.5	.5	.6	.6	.6	.6
200.	.1	.3	.5	.5	.7	.5	.5	.7	.6	.6	.6	.6
205.	.0	.2	.3	.4	.5	.5	.4	.6	.6	.5	.5	.5

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB30 PM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.1	.2	.4	.4	.4	.6	.5	.5	.5	.4
215.	.0	.1	.2	.2	.3	.4	.5	.5	.5	.4	.2
220.	.0	.1	.1	.1	.2	.4	.4	.2	.2	.2	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.7	.8	.8	.7	.8	.5	.6	.7	.7	.6	.6
DEGR.	50	55	55	60	185	90	65	200	190	65	55

THE HIGHEST CONCENTRATION IS .80 PPM AT 55 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 55 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 185 DEGREES FROM REC5 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/20/2006 TIME: 14:20:49.13

RUN: RES NEAR WATERFORD NB30 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 50	REC2 55	REC3 55	REC4 60	REC5 185	REC6 90	REC7 65	REC8 200	REC9 190	REC10 65	REC11 55
1 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
2 *	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD NB30 PM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
	50	55	55	60	185	90	65	200	190	65	55
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.1	.1	.0	.0	.0	.3	.3	.4	.3
84	.1	.2	.4	.4	.4	.0	.0	.1	.1	.0	.1
85	.4	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
87	.1	.1	.1	.1	.0	.0	.0	.2	.2	.1	.1
88	.1	.2	.1	.1	.2	.0	.0	.1	.1	.0	.0
89	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

										S33B130A.DAT	
										11	1
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000						
R63	RES	WATERFORD	P	190003.	638991.	5.					
R64	RES	WATERFORD	P	190075.	639103.	5.					
R65	RES	WATERFORD	P	190137.	639187.	5.					
R66	RES	WATERFORD	P	190207.	639287.	5.					
R67	RES	WATERFORD	P	190268.	639360.	5.					
R63	RES	WATERFORD	P	190831.	640013.	5.					
R64	RES	WATERFORD	P	190721.	639881.	5.					
R65	RES	WATERFORD	PA	190624.	639786.	5.					
R66	RES	WATERFORD	PA	190527.	639680.	5.					
R67	RES	WATERFORD	PA	190425.	639569.	5.					
R68	RES	WATERFORD	PA	190334.	639461.	5.					
RES	NEAR	WATERFORD	B130	AM	89	1	1				
1											
1		NB	15	AG190860.639818.191068.639999.	4350.3.7	0.44.	59				
2		NB	15	AG191068.639999.191332.640193.	4350.3.7	0.44.	50.4				
3		NB	15	AG191332.640193.191857.640571.	4350.3.7	0.44.	50.4				
4		NB	OFFRAMPAG	191857.640571.191960.640623.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	191960.640623.192030.640626.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	192030.640626.192088.640593.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	192088.640593.192120.640535.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	192120.640535.192120.640486.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	192120.640486.192104.640441.	775.2.6	0.32.	30.0				
4		NB	OFFRAMPAG	192104.640441.191970.640296.	775.2.6	0.32.	30.0				
11		NB	OFFRAMPAG	191970.640296.191905.640219.	250.2.6	0.32.	30.0				
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1						
105		83	4.0	250	28.3	1770	2	3			
14		NB	OFFRAMPAG	191970.640296.191878.640271.	525.2.6	0.32.	30.0				
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1						
105		83	4.0	525	28.3	1583	2	3			
15		SB	2ND	ST AG191905.640219.191845.640144.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191845.640144.191808.640099.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191808.640099.191790.640058.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191790.640058.191779.640011.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191779.640011.191779.639965.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191779.639965.191789.639884.	600.2.6	0.32.	30.0				
15		SB	2ND	ST AG191789.639884.191805.639773.	600.2.6	0.32.	30.0				
22		SB	2ND	ST AG191805.639773.191855.639481.	600.2.6	0.32.	30.0				
23		NB	15	AG191857.640571.192459.641017.	3775.3.7	0.44.	59				
24		NB	2ND	ST AG191873.639485.191811.639835.	225.2.6	0.32.	30.0				
24		NB	2ND	ST AG191811.639835.191805.639914.	225.2.6	0.32.	30.0				
24		NB	2ND	ST AG191805.639914.191797.639982.	225.2.6	0.32.	30.0				
24		NB	2ND	ST AG191797.639982.191809.640061.	225.2.6	0.32.	30.0				
24		NB	2ND	ST AG191809.640061.191837.640112.	225.2.6	0.32.	30.0				
24		NB	2ND	ST AG191837.640112.191934.640223.	225.2.6	0.32.	30.0				
30		NB	2ND	ST AG191902.640185.191872.640151.	0.12.	1					
105		87	4.0	225	28.3	1681	2	3			
31		NB	15	ON RAG191934.640223.191986.640270.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG191986.640270.192132.640439.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192132.640439.192165.640514.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192165.640514.192184.640621.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192184.640621.192226.640733.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192226.640733.192290.640837.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192290.640837.192329.640883.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192329.640883.192397.640944.	200.2.6	0.32.	30.0				
31		NB	15	ON RAG192397.640944.192459.641017.	200.2.6	0.32.	30.0				
40		SB	15	AG192414.641075.191866.640671.	5100.3.7	0.44.	59				
41		SB	15	AG191866.640671.191396.640337.	5100.3.7	0.44.	59				
42		SB	15	OFFRAG191396.640337.191304.640300.	150.2.6	0.32.	30.0				
42		SB	15	OFFRAG191304.640300.191225.640317.	150.2.6	0.32.	30.0				
42		SB	15	OFFRAG191225.640317.191185.640352.	150.2.6	0.32.	30.0				
42		SB	15	OFFRAG191185.640352.191163.640405.	150.2.6	0.32.	30.0				

42	1	SB 15	OFFRAG191163.640405.191169.640531.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.	0.	12.	1		
		65	49 4.0 75 28.3 1308 2 3					
51	1	SB 15	OFFRAG191246.640695.191341.640730.	75.	2.6	0.	44.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.	0.	24.	2		
		65	49 4.0 75 28.3 1583 2 3					
53	1	SB 15	AG191396.640337.191282.640244.	4950.	3.7	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	4950.	3.7	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	6075.	3.7	0.	44.	59
56	1	WB ROSEMONAG	192403.639820.192097.640064.	375.	2.6	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	375.	2.6	0.	44.	30
58	2	WB ROSE Q	AG191949.640193.192034.640119.	0.	24.	2		
		105	83 4.0 375 28.3 1711 2 3					
59	1	WB ROSEMONAG	191916.640222.191878.640271.	275.	2.6	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	800.	2.6	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	800.	2.6	0.	44.	30
62	2	WB ROSE Q	AG191330.640769.191421.640683.	0.	24.	2		
		65	38 4.0 800 28.3 1731 2 3					
63	1	WB ROSEMONAG	191306.640792.191144.640951.	850.	2.6	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	850.	2.6	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	850.	2.6	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1775.	2.6	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	1125.	2.6	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	1125.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	650.	2.6	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	650.	2.6	0.	44.	30
78	2	eB ROSE Q	AG191279.640802.191187.640886.	0.	24.	2		
		65	37 4.0 650 28.3 1763 2 3					
79	1	EB ROSE	AG191307.640777.191579.640509.	675.	2.6	0.	44.	30
80	1	EB ROSE	AG191579.640509.191907.640207.	1250.	2.6	0.	44.	30
81	2	EB ROSE Q	AG191867.640244.191768.640335.	0.	24.	2		
		105	58 4.0 1250 28.3 1715 2 3					
80	1	EB ROSE	AG191907.640207.192388.639800.	825.	2.6	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	6075.	3.7	0.	44.	59
80	1	SB 15	AG190461.639524.190212.639214.	6075.	3.7</			

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/22/2006 TIME: 23:21:16.59

RUN: RES NEAR WATERFORD B130 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192015.9	640349.6	*	143.	41. AG	60.	100.0	.0	12.0	.93 7.3
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194943.6	641100.2	*	3156.	75. AG	60.	100.0	.0	12.0	2.18 160.3
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3775.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	63.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/22/2006 TIME: 23:21:16.59

RUN: RES NEAR WATERFORD B130 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4950.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4950.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	6075.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192013.0	640137.3	*	85.	131. AG	120.	100.0	.0	24.0	.72 4.3
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	800.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	800.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191390.4	640711.9	*	83.	133. AG	89.	100.0	.0	24.0	.72 4.2
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	850.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	850.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	850.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1775.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1125.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1125.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1125.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1125.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1125.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1125.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1125.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1125.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1125.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191230.4	640846.4	*	66.	312. AG	86.	100.0	.0	24.0	.55 3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	675.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1250.	2.6	.0	44.0	

S33B130A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191694.9	640402.2	* 234.	313.	AG	84.	100.0	.0	24.0	.93	11.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	6075.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	6075.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	6075.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	4350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	4350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	4350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	4350.	3.7	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B130 AM
 DATE: 12/22/2006 TIME: 23:21:16.59

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	105	83	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	105	83	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	105	87	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	105	83	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	38	4.0	800	1731	28.30	2 3
78. 78	eB ROSE Q *	65	37	4.0	650	1763	28.30	2 3
81. 81	EB ROSE Q *	105	58	4.0	1250	1715	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B130 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1
35.	.6	.4	.4	.3	.2	.0	.0	.0	.1	.1	.1	.1
40.	.8	.7	.6	.5	.4	.0	.1	.2	.1	.2	.2	.2
45.	1.0	.9	.8	.7	.6	.0	.2	.3	.4	.4	.4	.4
50.	1.0	1.0	.9	.8	.7	.2	.3	.3	.5	.7	.6	.6
55.	1.0	1.0	1.0	.8	1.0	.3	.7	.8	.7	.8	.8	.8
60.	1.0	1.0	1.0	.9	.9	.4	.8	.9	.8	.7	.9	.9
65.	.8	.8	1.0	.8	.9	.6	.8	.7	.8	.8	.9	.9
70.	.9	.9	.9	.8	.8	.5	.7	.8	.7	.8	.8	.8
75.	.9	.8	.9	.9	.9	.5	.7	.7	.8	.8	.7	.7
80.	.8	.8	.9	.8	.8	.4	.8	.6	.7	.8	.7	.7
85.	.8	.8	.8	.8	.8	.4	.7	.7	.7	.7	.7	.7
90.	.8	.7	.8	.7	.7	.6	.7	.7	.7	.7	.7	.7
95.	.8	.7	.7	.7	.7	.5	.7	.6	.7	.7	.7	.7
100.	.7	.7	.7	.7	.7	.6	.7	.6	.7	.7	.7	.7
105.	.7	.8	.7	.7	.7	.5	.6	.6	.6	.7	.7	.7
110.	.7	.7	.7	.7	.7	.4	.6	.6	.6	.7	.7	.7
115.	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6
120.	.7	.7	.7	.7	.7	.5	.6	.6	.6	.6	.5	.5
125.	.7	.7	.7	.7	.7	.5	.5	.6	.6	.7	.6	.6
130.	.7	.7	.7	.7	.7	.5	.6	.6	.6	.6	.6	.6
135.	.7	.7	.7	.7	.7	.6	.6	.6	.6	.7	.6	.6
140.	.7	.7	.7	.7	.7	.6	.6	.6	.6	.7	.6	.6
145.	.7	.7	.7	.7	.7	.6	.6	.6	.6	.7	.7	.7
150.	.6	.7	.7	.7	.7	.6	.6	.5	.6	.6	.7	.7
155.	.6	.7	.7	.8	.7	.5	.6	.6	.6	.7	.7	.7
160.	.6	.7	.8	.8	.7	.5	.6	.6	.6	.7	.7	.7
165.	.6	.7	.8	.7	.7	.5	.6	.6	.6	.6	.7	.7
170.	.5	.8	.8	.9	.8	.5	.7	.5	.6	.7	.7	.7
175.	.4	.8	.8	.8	.8	.6	.7	.7	.7	.7	.7	.7
180.	.4	.7	.8	.9	.9	.5	.7	.7	.7	.7	.7	.7
185.	.3	.7	.8	.8	1.0	.5	.7	.7	.8	.8	.7	.7
190.	.2	.6	.8	.9	.9	.5	.7	.7	.8	.8	.8	.8
195.	.2	.5	.7	.7	.9	.6	.7	.8	.8	.8	.9	.9
200.	.1	.4	.7	.8	.9	.6	.7	.9	.7	.9	.7	.7
205.	.1	.3	.6	.6	.7	.7	.7	.9	.8	.8	.8	.8

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B130 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.2	.4	.5	.6	.7	.8	.8	.7	.6	.6
215.	.0	.1	.3	.3	.5	.5	.7	.8	.6	.5	.4
220.	.0	.1	.2	.2	.3	.5	.5	.5	.4	.3	.2
225.	.0	.0	.1	.1	.2	.3	.3	.2	.3	.2	.2
230.	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0
235.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	1.0	1.0	1.0	.9	1.0	.7	.8	.9	.9	.9	.9
DEGR.	45	55	65	60	55	205	210	60	205	200	60

THE HIGHEST CONCENTRATION IS 1.00 PPM AT 55 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 65 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 45 DEGREES FROM REC1 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/22/2006 TIME: 23:21:16.59

RUN: RES NEAR WATERFORD B130 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B130 AM

LINK #	* * * *	CO/LINK (PPM) ANGLE (DEGREES)										
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
		45	55	65	60	55	205	210	60	205	200	60
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.1	.1	.0	.1	.2	.4	.5	.3	.3	.0	
84	*	.2	.2	.4	.6	.5	.0	.1	.0	.3	.6	
85	*	.5	.4	.3	.0	.0	.0	.0	.0	.1	.1	
86	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	
87	*	.1	.1	.1	.1	.2	.1	.1	.0	.1	.0	
88	*	.1	.2	.2	.1	.0	.0	.1	.0	.1	.2	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

										S33B130P.DAT			
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000		11	1					
R63	RES	WATERFORD	P	190003.	638991.	5.							
R64	RES	WATERFORD	P	190075.	639103.	5.							
R65	RES	WATERFORD	P	190137.	639187.	5.							
R66	RES	WATERFORD	P	190207.	639287.	5.							
R67	RES	WATERFORD	P	190268.	639360.	5.							
R63	RES	WATERFORD	P	190831.	640013.	5.							
R64	RES	WATERFORD	P	190721.	639881.	5.							
R65	RES	WATERFORD	PA	190624.	639786.	5.							
R66	RES	WATERFORD	PA	190527.	639680.	5.							
R67	RES	WATERFORD	PA	190425.	639569.	5.							
R68	RES	WATERFORD	PA	190334.	639461.	5.							
RES	NEAR	WATERFORD	B130	PM	89	1	1						
1													
1		NB	15	AG190860.639818.191068.639999.	6050.3.7	0.44.	59						
2		NB	15	AG191068.639999.191332.640193.	6050.3.7	0.44.	59						
3		NB	15	AG191332.640193.191857.640571.	6050.3.7	0.44.	59						
4		NB	OFFRAMPAG191857.640571.191960.640623.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG191960.640623.192030.640626.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG192030.640626.192088.640593.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG192088.640593.192120.640535.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG192120.640535.192120.640486.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG192120.640486.192104.640441.	975.2.6	0.32.	30.0							
4		NB	OFFRAMPAG192104.640441.191970.640296.	975.2.6	0.32.	30.0							
11		NB	OFFRAMPAG191970.640296.191905.640219.	275.2.6	0.32.	30.0							
12		NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1								
145		119	4.0 275 28.3 1770 2 3										
14		NB	OFFRAMPAG191970.640296.191878.640271.	700.2.6	0.32.	30.0							
14		NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1								
145		119	4.0 700 28.3 1583 2 3										
15		SB	2ND ST AG191905.640219.191845.640144.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191845.640144.191808.640099.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191808.640099.191790.640058.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191790.640058.191779.640011.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191779.640011.191779.639965.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191779.639965.191789.639884.	200.2.6	0.32.	30.0							
15		SB	2ND ST AG191789.639884.191805.639773.	200.2.6	0.32.	30.0							
22		SB	2ND ST AG191805.639773.191855.639481.	200.2.6	0.32.	30.0							
23		NB	15 AG191857.640571.192459.641017.	5400.3.7	0.44.	59							
24		NB	2ND ST AG191873.639485.191811.639835.	650.2.6	0.32.	30.0							
24		NB	2ND ST AG191811.639835.191805.639914.	650.2.6	0.32.	30.0							
24		NB	2ND ST AG191805.639914.191797.639982.	650.2.6	0.32.	30.0							
24		NB	2ND ST AG191797.639982.191809.640061.	650.2.6	0.32.	30.0							
24		NB	2ND ST AG191809.640061.191837.640112.	650.2.6	0.32.	30.0							
24		NB	2ND ST AG191837.640112.191934.640223.	650.2.6	0.32.	30.0							
30		NB	2ND ST AG191902.640185.191872.640151.	0.12.	1								
145		114	4.0 650 28.3 1680 2 3										
31		NB	15 ON RAG191934.640223.191986.640270.	325.2.6	0.32.	30.0							
31		NB	15 ON RAG191986.640270.192132.640439.										

42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	90	SB15 RAMP AG191284.640746.191251.640701. 72 4.0 75 28.3 1342 2 3	0.	12.	1		
51	2	SB 15 OFFRAG191246.640695.191341.640730.	25.	2.6	0.	44.	30.0
52	90	SB15 RAMP AG191328.640725.191261.640700. 72 4.0 25 28.3 1583 2 3	0.	24.	2		
53	1	SB 15 AG191396.640337.191282.640244.	4275.	3.7	0.	44.	59
54	1	SB 15 AG191282.640244.190930.639988.	4275.	3.7	0.	44.	59
55	1	SB 15 AG190930.639988.190811.639884.	5300.	3.7	0.	44.	59
56	1	WB ROSEMONAG192403.639820.192097.640064.	825.	2.6	0.	44.	30
57	1	WB ROSEMONAG192097.640064.191916.640222.	825.	2.6	0.	44.	30
58	145	WB ROSE Q AG191949.640193.192034.640119. 109 4.0 825 28.3 1727 2 3	0.	24.	2		
59	1	WB ROSEMONAG191916.640222.191878.640271.	275.	2.6	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	1975.	2.6	0.	44.	30
61	2	WB ROSEMONAG191817.640307.191306.640792.	1400.	2.6	0.	44.	30
62	90	WB ROSE Q AG191330.640769.191421.640683. 44 4.0 1400 28.3 1751 2 3	0.	24.	2		
63	1	WB ROSEMONAG191306.640792.191144.640951.	1300.	2.6	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	1300.	2.6	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	1300.	2.6	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1625.	2.6	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	1025.	2.6	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	750.	2.6	0.	44.	30
77	2	EB ROSE AG191115.640951.191305.640778.	750.	2.6	0.	44.	30
78	90	eB ROSE Q AG191279.640802.191187.640886. 58 4.0 750 28.3 1761 2 3	0.	24.	2		
79	1	EB ROSE AG191307.640777.191579.640509.	775.	2.6	0.	44.	30
80	2	EB ROSE AG191579.640509.191907.640207.	900.	2.6	0.	44.	30
81	145	EB ROSE Q AG191867.640244.191768.640335. 89 4.0 900 28.3 1710 2 3	0.	24.	2		
80	1	EB ROSE AG191907.640207.192388.639800.	825.	2.6	0.	44.	30
80	1	SB 15 AG190810.639884.190461.639523.	5300.	3.7	0.44.0		59
80	1	SB 15 AG190461.639524.190212.639214.	5300.	3.7	0.44.0		59
80	1	SB 15 AG190212.639214.190004.638912.	5300.	3.7	0.44.0		59
80	1	NB 15 AG190860.639817.190678.639647.	6050.	3.7	0.44.0		59
80	1	NB 15 AG190678.639647.190434.639378.	6050.	3.7	0.44.0		59
80	1	NB 15 AG190434.639378.190212.639090.	6050.	3.7	0.44.0		59
80	1	NB 15 AG190212.6					

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/22/2006 TIME: 23:22:50.62

RUN: RES NEAR WATERFORD B130 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	6050.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	6050.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	6050.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192276.2	640653.9	*	543.	41. AG	62.	100.0	.0	12.0	1.13 27.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	197072.8	641675.4	*	5361.	75. AG	62.	100.0	.0	12.0	3.21 272.4
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5400.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640220.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4375.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4375.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/22/2006 TIME: 23:22:50.62

RUN: RES NEAR WATERFORD B130 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4275.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4275.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5300.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1975.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1300.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1300.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1300.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1625.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191191.2	640882.2	*	119.	312. AG	98.	100.0	.0	24.0	.74 6.0
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	775.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	900.	2.6	.0	44.0	

S33B130P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191705.8	640392.2	* 219.	313.	AG	93.	100.0	.0	24.0	.76	11.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	5300.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	5300.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	5300.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	6050.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	6050.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	6050.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	6050.	3.7	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B130 PM
 DATE: 12/22/2006 TIME: 23:22:50.62

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	119	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	119	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	eB ROSE Q *	90	58	4.0	750	1761	28.30	2 3
81. 81	EB ROSE Q *	145	89	4.0	900	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B130 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1
35.	.5	.4	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1
40.	.8	.7	.5	.4	.5	.0	.0	.0	.1	.2	.2	.2
45.	.9	.8	.8	.6	.7	.0	.2	.3	.4	.2	.5	.5
50.	1.1	.9	.9	.8	.9	.1	.3	.5	.7	.6	.7	.7
55.	1.0	.9	1.0	1.0	.9	.3	.7	.7	.9	.9	.8	.8
60.	.9	.9	.9	.9	1.0	.5	.7	.7	1.0	.8	.9	.9
65.	1.0	.9	1.1	.8	.9	.5	.8	.9	.7	.9	.8	.8
70.	.9	.9	1.0	.8	.9	.6	.9	.9	.7	.7	.8	.8
75.	.8	.8	.9	.8	.8	.6	.8	.8	.7	.8	.8	.8
80.	.8	.8	.9	.8	.8	.6	.8	.6	.6	.8	.8	.8
85.	.8	.8	.8	.8	.8	.6	.6	.7	.6	.8	.7	.7
90.	.8	.8	.8	.8	.8	.6	.7	.7	.7	.7	.7	.7
95.	.8	.8	.8	.8	.8	.5	.6	.6	.7	.7	.7	.7
100.	.8	.7	.8	.8	.7	.6	.6	.6	.7	.7	.7	.7
105.	.8	.7	.7	.7	.8	.5	.7	.7	.7	.7	.7	.7
110.	.8	.6	.7	.7	.8	.5	.7	.7	.7	.7	.6	.6
115.	.8	.7	.7	.7	.8	.5	.6	.7	.7	.6	.6	.6
120.	.8	.7	.8	.7	.7	.5	.7	.6	.6	.7	.7	.7
125.	.8	.7	.7	.7	.7	.5	.7	.6	.6	.7	.7	.7
130.	.8	.7	.8	.7	.7	.5	.6	.6	.7	.7	.6	.6
135.	.8	.7	.8	.7	.7	.5	.6	.6	.7	.7	.7	.7
140.	.7	.7	.8	.7	.7	.5	.6	.6	.7	.7	.7	.7
145.	.7	.7	.8	.7	.7	.5	.6	.6	.7	.7	.6	.6
150.	.7	.7	.8	.7	.8	.5	.6	.7	.6	.6	.6	.6
155.	.6	.8	.8	.8	.8	.5	.6	.7	.7	.6	.7	.7
160.	.6	.8	.8	.8	.8	.5	.6	.6	.7	.6	.7	.7
165.	.5	.8	.8	.8	.8	.6	.6	.7	.7	.7	.7	.7
170.	.4	.8	.8	.8	.8	.5	.6	.7	.7	.7	.7	.7
175.	.4	.7	.8	.8	.8	.6	.6	.6	.7	.7	.7	.7
180.	.3	.7	.8	.8	.9	.6	.7	.7	.7	.8	.7	.7
185.	.3	.7	.9	.9	.9	.5	.7	.7	.9	.8	.7	.7
190.	.2	.6	.8	.8	.9	.6	.6	.7	.8	.8	.8	.8
195.	.1	.5	.7	.8	.9	.7	.8	.8	.8	.7	.8	.8
200.	.1	.3	.6	.8	1.0	.7	.8	.8	.8	.9	.8	.8
205.	.1	.3	.5	.5	.8	.6	.8	.8	.9	.8	.7	.7

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B130 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.2	.3	.5	.6	.7	.8	.6	.9	.7	.6
215.	.0	.1	.2	.3	.4	.6	.6	.7	.5	.6	.4
220.	.0	.1	.1	.2	.3	.4	.6	.5	.5	.3	.2
225.	.0	.0	.1	.1	.1	.3	.3	.2	.1	.2	.2
230.	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	1.1	.9	1.1	1.0	1.0	.7	.9	.9	1.0	.9	.9
DEGR.	50	50	65	55	200	195	70	65	60	55	60

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 65 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 50 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 200 DEGREES FROM REC5 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/22/2006 TIME: 23:22:50.62

RUN: RES NEAR WATERFORD B130 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1
2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B130 PM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)									
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10
	50	50	65	55	200	195	70	65	60	55
REC11	60									
46 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54 *	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
55 *	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0
56 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83 *	.1	.1	.0	.1	.0	.3	.1	.3	.4	.4
84 *	.1	.2	.4	.5	.4	.0	.0	.0	.0	.2
85 *	.5	.3	.3	.0	.3	.0	.0	.0	.0	.0
86 *	.0	.0	.0	.1	.0	.2	.0	.0	.1	.1
87 *	.1	.1	.1	.2	.0	.1	.0	.0	.0	.2
88 *	.2	.2	.3	.1	.1	.0	.0	.0	.0	.0
89 *	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0

S33B230A.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	B230	AM	89	1	1		
1									
1	NB	15	AG	190860.639818.191068.639999.	3750.3.7	0.44.	59		
2	NB	15	AG	191068.639999.191332.640193.	3750.3.7	0.44.	50.4		
3	NB	15	AG	191332.640193.191857.640571.	3750.3.7	0.44.	50.4		
4	NB	OFFRAMP	AG	191857.640571.191960.640623.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	191960.640623.192030.640626.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192030.640626.192088.640593.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192088.640593.192120.640535.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192120.640535.192120.640486.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192120.640486.192104.640441.	775.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192104.640441.191970.640296.	775.2.6	0.32.	30.0		
11	NB	OFFRAMP	AG	191970.640296.191905.640219.	250.2.6	0.32.	30.0		
12	NB	OFFRAMP	AG	191923.640241.191947.640269.	0.12.	1			
125	101	4.0	250	28.3 1770 2 3					
14	NB	OFFRAMP	AG	191970.640296.191878.640271.	525.2.6	0.32.	30.0		
14	NB	OFFRAMP	AG	191897.640277.191934.640287.	0.12.	1			
125	101	4.0	525	28.3 1583 2 3					
15	SB	2ND	ST	AG	191905.640219.191845.640144.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191845.640144.191808.640099.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191808.640099.191790.640058.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191790.640058.191779.640011.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191779.640011.191779.639965.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191779.639965.191789.639884.	600.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191789.639884.191805.639773.	600.2.6	0.32.	30.0	
22	SB	2ND	ST	AG	191805.639773.191855.639481.	600.2.6	0.32.	30.0	
23	NB	15	AG	191857.640571.192459.641017.	3750.3.7	0.44.	59		
24	NB	2ND	ST	AG	191873.639485.191811.639835.	225.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191811.639835.191805.639914.	225.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191805.639914.191797.639982.	225.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191797.639982.191809.640061.	225.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191809.640061.191837.640112.	225.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191837.640112.191934.640223.	225.2.6	0.32.	30.0	
30	NB	2ND	ST	AG	191902.640185.191872.640151.	0.12.	1		
125	106	4.0	225	28.3 1681 2 3					
31	NB	15	ON	RAG	191934.640223.191986.640270.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	191986.640270.192132.640439.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192132.640439.192165.640514.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192165.640514.192184.640621.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192184.640621.192226.640733.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192226.640733.192290.640837.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192290.640837.192329.640883.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192329.640883.192397.640944.	200.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192397.640944.192459.641017.	200.2.6	0.32.	30.0	
40	SB	15	AG	192414.641075.191866.640671.	5100.3.7	0.44.	59		
41	SB	15	AG	191866.640671.191396.640337.	5100.3.7	0.44.	59		
42	SB	15	OFFRAG	191396.640337.191304.640300.	150.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191304.640300.191225.640317.	150.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191225.640317.191185.640352.	150.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191185.640352.191163.640405.	150.2.6	0.32.	30.0		

42	1	SB 15	OFFRAG191163.640405.191169.640531.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191169.640531.191199.640621.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191199.640621.191246.640695.	150.	2.6	0.	32.	30.0
42	1	SB 15	OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	2	SB15 RAMP	AG191284.640746.191251.640701.49 4.0 75 28.3 1308 2 3	0.	12.	1		
51	1	SB 15	OFFRAG191246.640695.191341.640730.	75.	2.6	0.	44.	30.0
52	2	SB15 RAMP	AG191328.640725.191261.640700.65 49 4.0 75 28.3 1583 2 3	0.	24.	2		
53	1	SB 15	AG191396.640337.191282.640244.	4100.	3.7	0.	44.	59
54	1	SB 15	AG191282.640244.190930.639988.	4100.	3.7	0.	44.	59
55	1	SB 15	AG190930.639988.190811.639884.	5100.	3.7	0.	44.	59
56	1	WB ROSEMONAG	192403.639820.192097.640064.	375.	2.6	0.	44.	30
57	1	WB ROSEMONAG	192097.640064.191916.640222.	375.	2.6	0.	44.	30
58	2	WB ROSE Q	AG191949.640193.192034.640119.125 103 4.0 375 28.3 1711 2 3	0.	24.	2		
59	1	WB ROSEMONAG	191916.640222.191878.640271.	375.	2.6	0.	44.	30
60	1	WB ROSEMONAG	191878.640271.191817.640307.	950.	2.6	0.	44.	30
61	1	WB ROSEMONAG	191817.640307.191306.640792.	950.	2.6	0.	44.	30
62	2	WB ROSE Q	AG191330.640769.191421.640683.65 39 4.0 950 28.3 1733 2 3	0.	24.	2		
63	1	WB ROSEMONAG	191306.640792.191144.640951.	875.	2.6	0.	44.	30
64	1	WB ROSEMONAG	191144.640951.191046.641019.	875.	2.6	0.	44.	30
65	1	WB ROSEMONAG	191046.641019.190888.641123.	875.	2.6	0.	44.	30
66	1	EB ROSEMONAG	190873.641107.190977.641037.	1675.	2.6	0.	44.	30
67	1	SB 270	ONRAG190977.641037.191077.640931.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191077.640931.191137.640865.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191137.640865.191176.640783.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191176.640783.191178.640713.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191178.640713.191156.640575.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191156.640575.191108.640301.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191108.640301.191083.640220.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191083.640220.191038.640125.	1000.	2.6	0.	32.	30
67	1	SB 270	ONRAG191038.640125.190930.639988.	1000.	2.6	0.	32.	30
76	1	EB ROSE	AG190977.641037.191115.640951.	750.	2.6	0.	44.	30
77	1	EB ROSE	AG191115.640951.191305.640778.	750.	2.6	0.	44.	30
78	2	eB ROSE Q	AG191279.640802.191187.640886.65 26 4.0 750 28.3 1764 2 3	0.	24.	2		
79	1	EB ROSE	AG191307.640777.191579.640509.	750.	2.6	0.	44.	30
80	2	EB ROSE	AG191579.640509.191907.640207.	1350.	2.6	0.	44.	30
81	1	EB ROSE Q	AG191867.640244.191768.640335.125 61 4.0 1350 28.3 1716 2 3	0.	24.	2		
80	1	EB ROSE	AG191907.640207.192388.639800.	925.	2.6	0.	44.	30
80	1	SB 15	AG190810.639884.190461.639523.	5100.	3.7	0.	44.	59
80	1	SB 15	AG190461.639524.190212.639214.	5100.	3.7	0.	44.	59
80	1	SB 15	AG190212.639214.190004.638912.	5100.	3.7	0.	44.	59
80	1	NB 15	AG190860.639817.190678.639647.	3750.	3.7	0.	44.	59
80	1	NB 15						

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/27/2006 TIME: 14:20:09.25

RUN: RES NEAR WATERFORD B230 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3750.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3750.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3750.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192043.9	640382.3	*	186.	41. AG	61. 100.0	.0	12.0	.98	9.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	195126.7	641149.6	*	3345.	75. AG	61. 100.0	.0	12.0	2.31	170.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3750.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191443.2	639665.3	*	693.	221. AG	64. 100.0	.0	12.0	1.29	35.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/27/2006 TIME: 14:20:09.25

RUN: RES NEAR WATERFORD B230 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57. 100.0	.0	12.0	.37	1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114. 100.0	.0	24.0	.15	.5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4100.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4100.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5100.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192036.5	640116.9	*	116.	131. AG	125. 100.0	.0	24.0	.85	5.9
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	375.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	950.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	950.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191420.8	640683.2	*	125.	133. AG	91. 100.0	.0	24.0	.89	6.3
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	875.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	875.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	875.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1000.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1000.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1000.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1000.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1000.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1000.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1000.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1000.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1000.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191239.6	640838.0	*	53.	312. AG	61. 100.0	.0	24.0	.42	2.7
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	750.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1350.	2.6	.0	44.0	

S33B230A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191701.2	640396.4	*	225.	313.	AG	74.	100.0	.0	24.0	.85	11.4
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	5100.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	5100.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	5100.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3750.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3750.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3750.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3750.	3.7	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B230 AM
 DATE: 12/27/2006 TIME: 14:20:09.25

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	125	101	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP *	125	101	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST *	125	106	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP *	65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP *	65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q *	125	103	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q *	65	39	4.0	950	1733	28.30	2 3
78. 78	EB ROSE Q *	65	26	4.0	750	1764	28.30	2 3
81. 81	EB ROSE Q *	125	61	4.0	1350	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B230 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1
35.	.4	.4	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1
40.	.6	.5	.4	.3	.4	.0	.0	.0	.1	.1	.2	.2
45.	.7	.8	.6	.5	.6	.0	.2	.3	.4	.2	.4	.4
50.	.7	.8	.9	.6	.7	.2	.3	.3	.4	.4	.4	.4
55.	.8	.8	.9	.7	.7	.3	.6	.6	.6	.5	.7	.7
60.	.7	.7	.8	.8	.8	.4	.7	.6	.8	.5	.7	.7
65.	.7	.8	.8	.7	.8	.5	.7	.7	.6	.7	.7	.7
70.	.7	.8	.8	.7	.7	.5	.7	.6	.6	.7	.7	.7
75.	.7	.7	.7	.7	.7	.5	.7	.7	.5	.7	.7	.7
80.	.7	.7	.8	.7	.7	.4	.5	.6	.6	.7	.7	.7
85.	.7	.5	.7	.7	.7	.4	.6	.6	.6	.5	.6	.6
90.	.7	.6	.7	.7	.7	.5	.6	.5	.5	.6	.6	.6
95.	.7	.6	.6	.6	.6	.5	.6	.5	.6	.6	.6	.6
100.	.7	.6	.6	.6	.6	.4	.5	.6	.6	.6	.6	.6
105.	.7	.5	.6	.6	.6	.4	.5	.6	.6	.6	.6	.6
110.	.6	.5	.6	.6	.6	.4	.5	.6	.6	.6	.6	.6
115.	.6	.6	.6	.6	.6	.4	.6	.6	.5	.6	.5	.5
120.	.6	.6	.6	.6	.6	.4	.6	.6	.5	.6	.5	.5
125.	.6	.6	.6	.6	.6	.4	.5	.6	.6	.6	.6	.6
130.	.6	.6	.5	.6	.6	.4	.5	.6	.6	.6	.6	.6
135.	.6	.6	.6	.6	.6	.4	.5	.6	.6	.6	.6	.6
140.	.5	.6	.6	.6	.6	.4	.5	.5	.6	.6	.5	.5
145.	.5	.6	.6	.6	.6	.4	.6	.5	.6	.6	.5	.5
150.	.5	.6	.7	.6	.6	.4	.6	.5	.6	.6	.6	.6
155.	.5	.6	.6	.7	.6	.4	.5	.6	.6	.6	.6	.6
160.	.5	.6	.7	.7	.7	.4	.6	.6	.6	.5	.6	.6
165.	.4	.7	.7	.7	.7	.4	.6	.6	.6	.5	.6	.6
170.	.4	.7	.7	.7	.7	.5	.6	.5	.6	.6	.6	.6
175.	.3	.6	.7	.7	.7	.6	.5	.5	.6	.6	.6	.6
180.	.3	.6	.7	.7	.7	.4	.5	.6	.6	.6	.6	.6
185.	.2	.6	.7	.8	.8	.4	.6	.6	.7	.7	.6	.6
190.	.2	.5	.6	.6	.7	.5	.6	.6	.7	.6	.6	.6
195.	.1	.4	.6	.7	.8	.4	.6	.6	.6	.7	.7	.7
200.	.1	.3	.6	.7	.7	.6	.5	.7	.7	.7	.7	.7
205.	.0	.3	.4	.5	.7	.6	.6	.6	.7	.6	.6	.6

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B230 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)										
	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
210.	.0	.2	.3	.4	.6	.6	.6	.6	.7	.5	.5
215.	.0	.1	.2	.3	.3	.5	.5	.5	.5	.4	.3
220.	.0	.1	.1	.2	.3	.3	.3	.3	.4	.3	.2
225.	.0	.0	.1	.1	.1	.3	.3	.2	.1	.2	.2
230.	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.8	.8	.9	.8	.8	.6	.7	.7	.8	.7	.7
DEGR.	55	45	50	60	185	175	65	65	60	65	55

THE HIGHEST CONCENTRATION IS .90 PPM AT 50 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 55 DEGREES FROM REC1 .
 THE 3RD HIGHEST CONCENTRATION IS .80 PPM AT 45 DEGREES FROM REC2 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/27/2006 TIME: 14:20:09.25

RUN: RES NEAR WATERFORD B230 AM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK (PPM) * ANGLE (DEGREES)										
	REC1 55	REC2 45	REC3 50	REC4 60	REC5 185	REC6 175	REC7 65	REC8 65	REC9 60	REC10 65	REC11 55
1 *	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
2 *	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
3 *	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B230 AM

LINK #	CO/LINK (PPM) ANGLE (DEGREES)										
	REC1 55	REC2 45	REC3 50	REC4 60	REC5 185	REC6 175	REC7 65	REC8 65	REC9 60	REC10 65	REC11 55
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
55	*	.0	.0	.0	.0	.3	.3	.1	.1	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.1	.1	.0	.1	.3	.4	.5	.3
84	*	.1	.3	.5	.5	.5	.0	.0	.0	.0	.2
85	*	.5	.2	.1	.0	.1	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1
87	*	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1
88	*	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
89	*	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0

S33B230P.DAT									
S33	RES	NEAR	WATERFORD	PK	60.0175.0.0000.000110.30480000	11	1		
R63	RES	WATERFORD	P	190003.	638991.	5.			
R64	RES	WATERFORD	P	190075.	639103.	5.			
R65	RES	WATERFORD	P	190137.	639187.	5.			
R66	RES	WATERFORD	P	190207.	639287.	5.			
R67	RES	WATERFORD	P	190268.	639360.	5.			
R63	RES	WATERFORD	P	190831.	640013.	5.			
R64	RES	WATERFORD	P	190721.	639881.	5.			
R65	RES	WATERFORD	PA	190624.	639786.	5.			
R66	RES	WATERFORD	PA	190527.	639680.	5.			
R67	RES	WATERFORD	PA	190425.	639569.	5.			
R68	RES	WATERFORD	PA	190334.	639461.	5.			
RES	NEAR	WATERFORD	B230	PM	89	1	1		
1									
1	NB	15	AG	190860.639818.191068.639999.	5350.3.7	0.44.	59		
2	NB	15	AG	191068.639999.191332.640193.	5350.3.7	0.44.	59		
3	NB	15	AG	191332.640193.191857.640571.	5350.3.7	0.44.	59		
4	NB	OFFRAMP	AG	191857.640571.191960.640623.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	191960.640623.192030.640626.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192030.640626.192088.640593.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192088.640593.192120.640535.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192120.640535.192120.640486.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192120.640486.192104.640441.	975.2.6	0.32.	30.0		
4	NB	OFFRAMP	AG	192104.640441.191970.640296.	975.2.6	0.32.	30.0		
11	NB	OFFRAMP	AG	191970.640296.191905.640219.	275.2.6	0.32.	30.0		
12	NB	OFFRAMP	AG	191923.640241.191947.640269.	0.12.	1			
145				118 4.0 275 28.3 1770 2 3					
14	NB	OFFRAMP	AG	191970.640296.191878.640271.	700.2.6	0.32.	30.0		
14	NB	OFFRAMP	AG	191897.640277.191934.640287.	0.12.	1			
145				118 4.0 700 28.3 1583 2 3					
15	SB	2ND	ST	AG	191905.640219.191845.640144.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191845.640144.191808.640099.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191808.640099.191790.640058.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191790.640058.191779.640011.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191779.640011.191779.639965.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191779.639965.191789.639884.	200.2.6	0.32.	30.0	
15	SB	2ND	ST	AG	191789.639884.191805.639773.	200.2.6	0.32.	30.0	
22	SB	2ND	ST	AG	191805.639773.191855.639481.	200.2.6	0.32.	30.0	
23	NB	15	AG	191857.640571.192459.641017.	5350.3.7	0.44.	59		
24	NB	2ND	ST	AG	191873.639485.191811.639835.	650.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191811.639835.191805.639914.	650.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191805.639914.191797.639982.	650.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191797.639982.191809.640061.	650.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191809.640061.191837.640112.	650.2.6	0.32.	30.0	
24	NB	2ND	ST	AG	191837.640112.191934.640223.	650.2.6	0.32.	30.0	
30	NB	2ND	ST	AG	191902.640185.191872.640151.	0.12.	1		
145				114 4.0 650 28.3 1680 2 3					
31	NB	15	ON	RAG	191934.640223.191986.640270.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	191986.640270.192132.640439.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192132.640439.192165.640514.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192165.640514.192184.640621.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192184.640621.192226.640733.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192226.640733.192290.640837.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192290.640837.192329.640883.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192329.640883.192397.640944.	325.2.6	0.32.	30.0	
31	NB	15	ON	RAG	192397.640944.192459.641017.	325.2.6	0.32.	30.0	
40	SB	15	AG	192414.641075.191866.640671.	4350.3.7	0.44.	59		
41	SB	15	AG	191866.640671.191396.640337.	4350.3.7	0.44.	59		
42	SB	15	OFFRAG	191396.640337.191304.640300.	100.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191304.640300.191225.640317.	100.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191225.640317.191185.640352.	100.2.6	0.32.	30.0		
42	SB	15	OFFRAG	191185.640352.191163.640405.	100.2.6	0.32.	30.0		

42	1	SB 15 OFFRAG191163.640405.191169.640531.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191169.640531.191199.640621.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191199.640621.191246.640695.	100.	2.6	0.	32.	30.0
42	1	SB 15 OFFRAG191246.640695.191307.640777.	75.	2.6	0.	32.	30.0
50	90	SB15 RAMP AG191284.640746.191251.640701. 72 4.0 75 28.3 1342 2 3	0.	12.	1		
51	2	SB 15 OFFRAG191246.640695.191341.640730.	25.	2.6	0.	44.	30.0
52	90	SB15 RAMP AG191328.640725.191261.640700. 72 4.0 25 28.3 1583 2 3	0.	24.	2		
53	1	SB 15 AG191396.640337.191282.640244.	3325.	3.7	0.	44.	59
54	1	SB 15 AG191282.640244.190930.639988.	3325.	3.7	0.	44.	59
55	1	SB 15 AG190930.639988.190811.639884.	4350.	3.7	0.	44.	59
56	1	WB ROSEMONAG192403.639820.192097.640064.	825.	2.6	0.	44.	30
57	1	WB ROSEMONAG192097.640064.191916.640222.	825.	2.6	0.	44.	30
58	145	WB ROSE Q AG191949.640193.192034.640119. 109 4.0 825 28.3 1727 2 3	0.	24.	2		
59	1	WB ROSEMONAG191916.640222.191878.640271.	825.	2.6	0.	44.	30
60	1	WB ROSEMONAG191878.640271.191817.640307.	1400.	2.6	0.	44.	30
61	1	WB ROSEMONAG191817.640307.191306.640792.	1400.	2.6	0.	44.	30
62	90	WB ROSE Q AG191330.640769.191421.640683. 44 4.0 1400 28.3 1751 2 3	0.	24.	2		
63	1	WB ROSEMONAG191306.640792.191144.640951.	1400.	2.6	0.	44.	30
64	1	WB ROSEMONAG191144.640951.191046.641019.	1400.	2.6	0.	44.	30
65	1	WB ROSEMONAG191046.641019.190888.641123.	1400.	2.6	0.	44.	30
66	1	EB ROSEMONAG190873.641107.190977.641037.	1675	2.6	0.	44.	30
67	1	SB 270 ONRAG190977.641037.191077.640931.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191077.640931.191137.640865.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191137.640865.191176.640783.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191176.640783.191178.640713.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191178.640713.191156.640575.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191156.640575.191108.640301.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191108.640301.191083.640220.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191083.640220.191038.640125.	1025.	2.6	0.	32.	30
67	1	SB 270 ONRAG191038.640125.190930.639988.	1025.	2.6	0.	32.	30
76	1	EB ROSE AG190977.641037.191115.640951.	725.	2.6	0.	44.	30
77	2	EB ROSE AG191115.640951.191305.640778.	725.	2.6	0.	44.	30
78	90	eB ROSE Q AG191279.640802.191187.640886. 58 4.0 725 28.3 1761 2 3	0.	24.	2		
79	1	EB ROSE AG191307.640777.191579.640509.	725.	2.6	0.	44.	30
80	2	EB ROSE AG191579.640509.191907.640207.	875.	2.6	0.	44.	30
81	145	EB ROSE Q AG191867.640244.191768.640335. 90 4.0 875 28.3 1710 2 3	0.	24.	2		
80	1	EB ROSE AG191907.640207.192388.639800.	800.	2.6	0.	44.	30
80	1	SB 15 AG190810.639884.190461.639523.	4350.	3.7	0.44.0		59
80	1	SB 15 AG190461.639524.190212.639214.	4350.	3.7	0.44.0		59
80	1	SB 15 AG190212.639214.190004.638912.	4350.	3.7	0.44.0		59
80	1	NB 15 AG190860.639817.190678.639647.	5350.	3.7	0.44.0		59
80	1	NB 15 AG190678.639647.190434.639378.	5350.	3.7	0.44.0		59
80	1	NB 15 AG190434.639378.190212.639090.	5350.	3.7	0.44.0		59
1.0	1.0	NB 15 AG19021					

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/27/2006 TIME: 14:20:52.81

RUN: RES NEAR WATERFORD B230 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	5350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	5350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	5350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192197.4	640561.7	*	422.	41. AG	62.	100.0	.0	12.0	1.07 21.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	196960.2	641645.0	*	5245.	75. AG	62.	100.0	.0	12.0	3.06 266.4
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5350.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4350.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4350.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: S33 RES NEAR WATERFORD PK
DATE: 12/27/2006 TIME: 14:20:52.81

RUN: RES NEAR WATERFORD B230 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4350.	3.7	.0	44.0	
56. 56	WB ROSEMON*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMON*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMON*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	825.	2.6	.0	44.0	
60. 60	WB ROSEMON*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1400.	2.6	.0	44.0	
61. 61	WB ROSEMON*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMON*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1400.	2.6	.0	44.0	
64. 64	WB ROSEMON*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1400.	2.6	.0	44.0	
65. 65	WB ROSEMON*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1400.	2.6	.0	44.0	
66. 66	EB ROSEMON*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	725.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	725.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191194.2	640879.4	*	115.	312. AG	98.	100.0	.0	24.0	.71 5.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	875.	2.6	.0	44.0	

S33B230P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.6	*	215.	313.	AG	94.	100.0	.0	24.0	.76	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	800.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4350.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4350.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4350.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	5350.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	5350.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	5350.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	5350.	3.7	.0	44.0		

1

PAGE 3

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B230 PM
 DATE: 12/27/2006 TIME: 14:20:52.81

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	118	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	118	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	eB ROSE Q *	90	58	4.0	725	1761	28.30	2 3
81. 81	EB ROSE Q *	145	90	4.0	875	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	* Z
1. R63 RES WATERFORD P	190003.0	638991.0	5.0	*
2. R64 RES WATERFORD P	190075.0	639103.0	5.0	*
3. R65 RES WATERFORD P	190137.0	639187.0	5.0	*
4. R66 RES WATERFORD P	190207.0	639287.0	5.0	*
5. R67 RES WATERFORD P	190268.0	639360.0	5.0	*
6. R63 RES WATERFORD P	190831.0	640013.0	5.0	*
7. R64 RES WATERFORD P	190721.0	639881.0	5.0	*
8. R65 RES WATERFORD PA	190624.0	639786.0	5.0	*
9. R66 RES WATERFORD PA	190527.0	639680.0	5.0	*
10. R67 RES WATERFORD PA	190425.0	639569.0	5.0	*
11. R68 RES WATERFORD PA	190334.0	639461.0	5.0	*

1

PAGE 4

JOB: S33 RES NEAR WATERFORD PK RUN: RES NEAR WATERFORD B230 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11
0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1
35.	.4	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1
40.	.7	.6	.5	.4	.3	.0	.0	.0	.1	.1	.2	.2
45.	.8	.7	.6	.5	.5	.0	.2	.3	.1	.2	.3	.3
50.	.8	.9	.8	.6	.7	.1	.3	.3	.5	.5	.6	.6
55.	.9	.8	.8	.8	.8	.3	.5	.6	.9	.5	.7	.7
60.	.8	.8	.8	.8	.8	.4	.6	.7	.8	.6	.7	.7
65.	.8	.8	.8	.7	.7	.5	.6	.7	.5	.7	.7	.7
70.	.8	.7	.8	.7	.7	.4	.7	.7	.7	.6	.8	.8
75.	.7	.7	.8	.7	.7	.5	.7	.7	.7	.7	.6	.6
80.	.6	.6	.7	.7	.7	.4	.6	.5	.6	.7	.7	.7
85.	.7	.7	.8	.6	.6	.5	.6	.5	.6	.6	.6	.6
90.	.7	.7	.8	.6	.7	.5	.6	.6	.5	.6	.6	.6
95.	.6	.6	.7	.6	.7	.5	.5	.5	.6	.5	.5	.5
100.	.6	.7	.7	.6	.6	.5	.6	.5	.5	.5	.5	.5
105.	.6	.7	.6	.6	.6	.4	.7	.5	.5	.5	.5	.5
110.	.6	.6	.6	.6	.6	.5	.5	.5	.6	.5	.5	.5
115.	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5
120.	.6	.6	.6	.6	.6	.4	.5	.5	.5	.5	.6	.6
125.	.6	.6	.6	.6	.6	.4	.5	.5	.5	.6	.5	.5
130.	.6	.6	.7	.6	.6	.4	.5	.5	.5	.5	.5	.5
135.	.6	.6	.7	.6	.6	.5	.5	.5	.5	.5	.6	.6
140.	.6	.6	.6	.6	.6	.5	.5	.5	.5	.6	.6	.6
145.	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5	.5
150.	.6	.6	.7	.5	.6	.5	.5	.6	.5	.5	.5	.5
155.	.5	.6	.6	.5	.6	.5	.5	.5	.5	.6	.5	.5
160.	.5	.6	.6	.6	.7	.5	.5	.5	.5	.5	.5	.5
165.	.5	.6	.7	.6	.7	.4	.5	.6	.5	.5	.5	.5
170.	.3	.6	.7	.7	.7	.4	.5	.6	.5	.6	.6	.6
175.	.3	.6	.7	.7	.6	.5	.5	.5	.5	.6	.7	.7
180.	.3	.6	.8	.7	.7	.5	.6	.5	.5	.7	.6	.6
185.	.2	.5	.7	.8	.8	.5	.7	.5	.5	.7	.6	.6
190.	.2	.5	.7	.8	.8	.5	.6	.5	.7	.6	.7	.7
195.	.1	.4	.5	.7	.7	.6	.7	.6	.7	.6	.7	.7
200.	.1	.3	.5	.6	.7	.5	.7	.7	.6	.8	.6	.6
205.	.0	.2	.4	.5	.6	.5	.8	.7	.6	.8	.6	.6

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B230 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
210.	.0	.2	.3	.4	.5	.5	.7	.6	.5	.6	.5
215.	.0	.1	.2	.2	.4	.4	.6	.5	.5	.4	.2
220.	.0	.1	.1	.1	.2	.4	.5	.3	.5	.3	.2
225.	.0	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1
230.	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.9	.9	.8	.8	.8	.6	.8	.7	.9	.8	.8
DEGR.	55	50	50	55	55	195	205	70	55	200	70

THE HIGHEST CONCENTRATION IS .90 PPM AT 55 DEGREES FROM REC1 .
 THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 50 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS .90 PPM AT 55 DEGREES FROM REC9 .

JOB: S33 RES NEAR WATERFORD PK
 DATE: 12/27/2006 TIME: 14:20:52.81

RUN: RES NEAR WATERFORD B230 PM

PAGE 6

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11
1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: S33 RES NEAR WATERFORD PK

RUN: RES NEAR WATERFORD B230 PM

LINK #	*	CO/LINK (PPM)			REC4 55	REC5 55	REC6 195	REC7 205	REC8 70	REC9 55	REC10 200	REC11 70
		REC1 55	REC2 50	REC3 50								
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
55	*	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.1	.1	.1	.1	.2	.4	.3	.3	.0	.2
84	*	.1	.2	.4	.4	.4	.0	.1	.0	.0	.4	.3
85	*	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0
86	*	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.1
87	*	.1	.1	.1	.2	.2	.1	.2	.0	.0	.0	.2
88	*	.2	.2	.1	.1	.0	.0	.1	.0	.0	.2	.0
89	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

Site 34
US 15 & Rosemont Interchange

										S34EXAM.DAT			
										60.0175.0.0000.000280.30480000	11	1	
I 15	AND ROSEMONT												
R1	US15 NB ROSEMONT	191330.	640165.	5.									
REC 2	164' SE CORNER	191519.	640303.	5.									
REC 3	82' SE CORNER	191587.	640352.	5.									
REC 4	SE CORNER	191653.	640394.	5.									
REC 4	82' ES CORNER	191720.	640348.	5.									
REC 4	164' ES CORNE	191780.	640291.	5.									
REC 7	400' ES CORNE	191958.	640132.	5.									
REC 8	400' EN CORNE	192007.	640171.	5.									
REC 9	164' EN CORNER	191828.	640327.	5.									
REC 10	82' EN CORNER	191767.	640384.	5.									
REC 11	NE CORNER	191708.	640436.	5.									
REC 12	82' NE CORNER	191774.	640483.	5.									
REC 13	164' NE CORNE	191854.	640532.	5.									
REC 14	400' NE CORNE	192037.	640674.	5.									
REC 15	400' NW CORNE	191950.	640754.	5.									
REC 16	164' NW CORNE	191757.	640620.	5.									
REC 17	82' NW CORNER	191688.	640574.	5.									
REC 18	NW CORNER	191622.	640543.	5.									
REC 19	72' WN CORNE	191576.	640576.	5.									
REC 20	164' WN CORN	191499.	640640.	5.									
REC 21	390' WN CORN	191349.	640796.	5.									
REC 22	350' WS CORN	191316.	640696.	5.									
REC 23	164' WS CORN	191448.	640606.	5.									
REC 24	82' WS CORNE	191509.	640548.	5.									
REC 25	SW CORNER	191563.	640496.	5.									
REC 26	82' SW CORNER	191504.	640445.	5.									
REC 27	164' SW CORNE	191442.	640403.	5.									
REC 28	350' SW CORNE	191259.	640324.	5.									
I 15	AND ROSEMONT 1998 AM				89	1	1						
1													
1	NB 15	AG190860.639818.191068.639999.	3097. 3.4	0. 44.	50.4								
2	NB 15	AG191068.639999.191332.640193.	3097. 3.4	0. 44.	50.4								
3	NB 15	AG191332.640193.191857.640571.	3097. 3.4	0. 44.	50.4								
4	NB OFFRAMPAG191857.640571.191960.640623.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG191960.640623.192030.640626.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG192030.640626.192088.640593.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG192088.640593.192120.640535.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG192120.640535.192120.640486.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG192120.640486.192104.640441.	363. 2.6	0. 32.	30.0									
4	NB OFFRAMPAG192104.640441.191970.640296.	363. 2.6	0. 32.	30.0									
11	NB OFFRAMPAG191970.640296.191905.640219.	109. 2.6	0. 32.	30.0									
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1										
102	81 4.0 109 28.3 1770 2 3												
14	NB OFFRAMPAG191970.640296.191878.640271.	254. 2.6	0. 32.	30.0									
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1										
102	81 4.0 1 28.3 1750 2 3												
15	SB 2ND ST AG191905.640219.191845.640144.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191845.640144.191808.640099.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191808.640099.191790.640058.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191790.640058.191779.640011.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191779.640011.191779.639965.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191779.639965.191789.639884.	540. 2.6	0. 32.	30.0									
15	SB 2ND ST AG191789.639884.191805.639773.	540. 2.6	0. 32.	30.0									
22	SB 2ND ST AG191805.639773.191855.639481.	540. 2.6	0. 32.	30.0									
23	NB 15 AG191857.640571.192459.641017.	2734. 3.4	0. 44.	54.1									
24	NB 2ND ST AG191873.639485.191811.639835.	227. 2.6	0. 32.	30.0									
24	NB 2ND ST AG191811.639835.191805.639914.	227. 2.6	0. 32.	30.0									
24	NB 2ND ST AG191805.639914.191797.639982.	227. 2.6	0. 32.	30.0									
24	NB 2ND ST AG191797.639982.191809.640061.	227. 2.6	0. 32.	30.0									
24	NB 2ND ST AG191809.640061.191837.640112.	227. 2.6	0. 32.	30.0									
24	NB 2ND ST AG191837.640112.191934.640223.	227. 2.6	0. 32.	30.0									
30	NB 2ND ST AG191902.640185.191872.640151.	0. 12.	1										
102	81 4.0 216 28.3 1688 2 3												
31	NB 15 ON RAG191934.640223.191986.640270.	212. 2.6	0. 32.	30.0									
31	NB 15 ON RAG191986.640270.192132.640439.	212. 2.6	0. 32.	30.0									
31	NB 15 ON RAG192132.640439.192165.640514.	212. 2.6	0. 32.	30.0									
31	NB 15 ON RAG192165.640514.192184.640621.	212. 2.6	0. 32.	30.0									
31	NB 15 ON RAG192184.640621.192226.640733.	212. 2.6	0. 32.	30.0									
31	NB 15 ON RAG192226.640733.192290.640837.	212. 2.6	0. 32.	30.0									

31	1	NB	15	ON	RAG192290.640837.192329.640883.	212.	2.6	0.	32.	30.0	S34EXAM.DAT
31	1	NB	15	ON	RAG192329.640883.192397.640944.	212.	2.6	0.	32.	30.0	
31	1	NB	15	ON	RAG192397.640944.192459.641017.	212.	2.6	0.	32.	30.0	
40	1	SB	15		AG192414.641075.191866.640671.	3233.	3.4	0.	44.	53.1	
41	1	SB	15		AG191866.640671.191396.640337.	3233.	3.4	0.	44.	53.1	
42	1	SB	15	OFFRAG	191396.640337.191304.640300.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191304.640300.191225.640317.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191225.640317.191185.640352.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191185.640352.191163.640405.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191163.640405.191169.640531.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191169.640531.191199.640621.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191199.640621.191246.640695.	164.	2.6	0.	32.	30.0	
42	1	SB	15	OFFRAG	191246.640695.191307.640777.	76.	2.6	0.	32.	30.0	
50	32	SB15	RAMP	AG191284.640746.191251.640701.4.0 76 28.3 1770 2 3	0.	12.	1				
51	1	SB	15	OFFRAG	191246.640695.191341.640730.	88.	2.6	0.	32.	30.0	
52	2	SB15	RAMP	AG191328.640725.191261.640700.4.0 16 28.3 1676 2 3	0.	12.	1				
53	1	SB	15		AG191396.640337.191282.640244.	3069.	3.4	0.	44.	53.3	
54	1	SB	15		AG191282.640244.190930.639988.	3069.	3.4	0.	44.	53.3	
55	1	SB	15		AG190930.639988.190811.639884.	3509.	3.4	0.	44.	53.3	
56	1	WB	ROSEMONAG	192403.639820.192097.640064.	255.	2.6	0.	44.		30	
57	1	WB	ROSEMONAG	192097.640064.191916.640222.	255.	2.6	0.	44.		30	
58	2	WB	ROSE Q	AG191949.640193.192034.640119.4.0 236 28.3 1742 2 3	0.	24.	2				
59	1	WB	ROSEMONAG	191916.640222.191878.640271.	619.	2.6	0.	44.		30	
60	1	WB	ROSEMONAG	191878.640271.191817.640307.	619.	2.6	0.	44.		30	
61	1	WB	ROSEMONAG	191817.640307.191306.640792.	611.	2.6	0.	44.		30	
62	2	WB	ROSE Q	AG191330.640769.191421.640683.4.0 594 28.3 1752 2 3	0.	24.	2				
63	1	WB	ROSEMONAG	191306.640792.191144.640951.	662.	2.6	0.	44.		30	
64	1	WB	ROSEMONAG	191144.640951.191046.641019.	662.	2.6	0.	44.		30	
65	1	WB	ROSEMONAG	191046.641019.190888.641123.	662.	2.6	0.	44.		30	
66	1	EB	ROSEMONAG	190873.641107.190977.641037.	1238.	2.6	0.	44.		30	
67	1	SB	270	ONRAG190977.641037.191077.640931.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191077.640931.191137.640865.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191137.640865.191176.640783.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191176.640783.191178.640713.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191178.640713.191156.640575.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191156.640575.191108.640301.	440.	2.6	0.	32.		30	
67	1	SB	270	ONRAG191108.640301.191083.640220.	440.	2.6					

80		NB 15	AG190678.639647.190434.639378.	3097. 3.4	S34EXAM.DAT 0.44.0	30
1						
80		NB 15	AG190434.639378.190212.639090.	3097. 3.4	0.44.0	30
1						
80		NB 15	AG190212.639090.190063.638865.	3097. 3.4	0.44.0	30
1.0	0.4 1000. 0.0Y	5	0 72			

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:00.11

RUN: I 15 AND ROSEMONT 1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3097.	3.4	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3097.	3.4	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3097.	3.4	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	363.	2.6	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	363.	2.6	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	363.	2.6	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	363.	2.6	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	363.	2.6	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	363.	2.6	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	363.	2.6	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	109.	2.6	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191981.3	640309.1	*	90.	41. AG	60.	100.0	.0	12.0	.96	4.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	254.	2.6	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	191897.4	640277.1	*	0.	73. AG	60.	100.0	.0	12.0	.01	.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	540.	2.6	.0	32.0		
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	540.	2.6	.0	32.0		
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	540.	2.6	.0	32.0		
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	540.	2.6	.0	32.0		
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	540.	2.6	.0	32.0		
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	540.	2.6	.0	32.0		
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	540.	2.6	.0	32.0		
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	540.	2.6	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2734.	3.4	.0	44.0		
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0		
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0		
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0		
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0		
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0		
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0		
30. 30	NB 2ND ST *	191902.0	640185.0	191020.0	639185.9	*	1333.	221. AG	60.	100.0	.0	12.0	2.14	67.7
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	212.	2.6	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	212.	2.6	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	212.	2.6	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	212.	2.6	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	212.	2.6	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	212.	2.6	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	212.	2.6	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	212.	2.6	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	212.	2.6	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3233.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3233.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	164.	2.6	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	164.	2.6	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	164.	2.6	.0	32.0		

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:00.11

RUN: I 15 AND ROSEMONT 1998 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	164.	2.6	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	164.	2.6	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	164.	2.6	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	164.	2.6	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	76.	2.6	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191280.3	640741.0	*	6.	216. AG	36.	100.0	.0	12.0	.29	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	88.	2.6	.0	32.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191326.8	640724.6	*	1.	250. AG	13.	100.0	.0	12.0	.03	.1
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3069.	3.4	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3069.	3.4	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3509.	3.4	.0	44.0		
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	255.	2.6	.0	44.0		
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	255.	2.6	.0	44.0		
58. 58	WB ROSE Q *	191949.0	640193.0	191963.6	640180.3	*	19.	131. AG	45.	100.0	.0	24.0	.25	1.0
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	619.	2.6	.0	44.0		
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	619.	2.6	.0	44.0		
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	611.	2.6	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191346.3	640753.6	*	22.	133. AG	43.	100.0	.0	24.0	.74	1.1
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	662.	2.6	.0	44.0		
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	662.	2.6	.0	44.0		
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	662.	2.6	.0	44.0		
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1238.	2.6	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	440.	2.6	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	440.	2.6	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	440.	2.6	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	440.	2.6	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	440.	2.6	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	440.	2.6	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	440.	2.6	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	440.	2.6	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	440.	2.6	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1238.	2.6	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1238.	2.6	.0	44.0		
78. 78	WB ROSE Q *	191279.0	640802.0	191168.3	640903.1	*	150.	312. AG	43.	100.0	.0	24.0	1.01	7.6
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	897.	2.6	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1500.	2.6	.0	44.0		

S34EXAM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191492.4	640588.4	* 509.	313.	AG	45.	100.0	.0	24.0	1.07	25.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	924.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3509.	3.4	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3509.	3.4	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3509.	3.4	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3097.	3.4	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3097.	3.4	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3097.	3.4	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3097.	3.4	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:00.11

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	* RED TIME (SEC)	* CLEARANCE LOST TIME (SEC)	* APPROACH VOL (VPH)	* SATURATION FLOW RATE (VPH)	* IDLE EM FAC (gm/hr)	* SIGNAL TYPE	* ARRIVAL RATE
12. 12	NBOFFRAMP	* 102	81	4.0	109	770	28.30	1 3
14. 14	NBOFFRAMP	* 102	81	4.0	1	750	28.30	1 3
30. 30	NB 2ND ST	* 102	81	4.0	216	688	28.30	1 3
50. 50	SB15 RAMP	* 32	15	4.0	76	770	28.30	1 3
52. 52	SB15 RAMP	* 90	15	4.0	16	676	28.30	1 3
58. 58	WB ROSE Q	* 102	30	4.0	236	742	28.30	1 3
62. 62	WB ROSE Q	* 32	9	4.0	594	752	28.30	1 3
78. 78	WB ROSE Q	* 32	9	4.0	824	770	28.30	1 3
81. 81	EB ROSE Q	* 102	30	4.0	991	717	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1 US15 NB ROSEMONT	* 191330.0	* 640165.0	* 5.0
2. REC 2 164' SE CORNER	* 191519.0	* 640303.0	* 5.0
3. REC 3 82' SE CORNER	* 191587.0	* 640352.0	* 5.0
4. REC 4 SE CORNER	* 191653.0	* 640394.0	* 5.0
5. REC 4 82' ES CORNER	* 191720.0	* 640348.0	* 5.0
6. REC 4 164' ES CORNE	* 191780.0	* 640291.0	* 5.0
7. REC 7 400' ES CORNE	* 191958.0	* 640132.0	* 5.0
8. REC 8 400' EN CORNE	* 192007.0	* 640171.0	* 5.0
9. REC 9 164' EN CORNER	* 191828.0	* 640327.0	* 5.0
10. REC 10 82' EN CORNER	* 191767.0	* 640384.0	* 5.0
11. REC 11 NE CORNER	* 191708.0	* 640436.0	* 5.0
12. REC 12 82' NE CORNER	* 191774.0	* 640483.0	* 5.0
13. REC 13 164' NE CORNE	* 191854.0	* 640532.0	* 5.0
14. REC 14 400' NE CORNE	* 192037.0	* 640674.0	* 5.0
15. REC 15 400' NW CORNE	* 191950.0	* 640754.0	* 5.0
16. REC 16 164' NW CORNE	* 191757.0	* 640620.0	* 5.0
17. REC 17 82' NW CORNER	* 191688.0	* 640574.0	* 5.0
18. REC 18 NW CORNER	* 191622.0	* 640543.0	* 5.0
19. REC 19 72' WN CORNE	* 191576.0	* 640576.0	* 5.0
20. REC 20 164' WN CORN	* 191499.0	* 640640.0	* 5.0
21. REC 21 390' WN CORN	* 191349.0	* 640796.0	* 5.0
22. REC 22 350' WS CORN	* 191316.0	* 640696.0	* 5.0
23. REC 23 164' WS CORN	* 191448.0	* 640606.0	* 5.0
24. REC 24 82' WS CORNE	* 191509.0	* 640548.0	* 5.0
25. REC 25 SW CORNER	* 191563.0	* 640496.0	* 5.0
26. REC 26 82' SW CORNER	* 191504.0	* 640445.0	* 5.0
27. REC 27 164' SW CORNE	* 191442.0	* 640403.0	* 5.0
28. REC 28 350' SW CORNE	* 191259.0	* 640324.0	* 5.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* .5	.6	.7	.8	.5	.4	.1	.0	.2	.3	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0
5.	* .6	.6	.6	.8	.5	.4	.1	.2	.1	.3	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0
10.	* .5	.6	.6	.8	.5	.4	.3	.2	.2	.2	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0
15.	* .7	.7	.7	.8	.5	.4	.2	.1	.2	.2	.6	.5	.4	.6	.1	.0	.0	.0	.0	.0
20.	* .7	.7	.7	.9	.4	.4	.1	.0	.2	.4	.7	.6	.4	.6	.1	.1	.0	.0	.0	.0
25.	* .8	.7	.8	.9	.5	.4	.1	.0	.2	.3	.6	.6	.6	.6	.1	.1	.0	.0	.0	.0
30.	* .8	.8	.9	.8	.5	.4	.1	.0	.2	.3	.7	.8	.6	.7	.2	.1	.1	.0	.0	.0
35.	* .8	.8	.9	.9	.5	.4	.1	.0	.2	.2	.8	.8	.7	.7	.3	.1	.1	.0	.0	.0
40.	* .7	.8	1.0	1.0	.5	.4	.1	.0	.1	.2	.8	.7	.7	.6	.4	.3	.2	.0	.0	.0
45.	* .7	.9	1.0	1.0	.4	.3	.1	.0	.1	.2	.7	.7	.5	.6	.5	.3	.3	.2	.0	.0
50.	* .7	.9	1.0	.8	.3	.2	.1	.0	.0	.1	.6	.7	.4	.5	.6	.5	.4	.2	.1	.0
55.	* .6	.7	.8	.8	.3	.2	.1	.0	.0	.1	.6	.6	.4	.4	.8	.7	.7	.4	.1	.0
60.	* .4	.5	.6	.6	.2	.2	.1	.0	.0	.0	.4	.3	.2	.3	.8	.7	.7	.4	.2	.1
65.	* .3	.3	.4	.5	.2	.2	.1	.0	.0	.0	.3	.3	.1	.2	.8	.8	.7	.5	.3	.1
70.	* .2	.2	.3	.3	.2	.2	.1	.0	.0	.0	.1	.2	.1	.1	.8	.9	.7	.6	.3	.2
75.	* .1	.2	.2	.3	.2	.2	.1	.0	.0	.0	.1	.1	.0	.1	.8	.8	.7	.5	.3	.2
80.	* .0	.1	.3	.3	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.8	.8	.6	.6	.3	.2
85.	* .0	.1	.3	.2	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.8	.7	.7	.6	.3	.3
90.	* .0	.1	.3	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.7	.5	.4	.2
95.	* .0	.1	.3	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.7	.6	.6	.4	.3	.2
100.	* .0	.0	.1	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.4	.3	.1
105.	* .0	.0	.0	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.3	.2
110.	* .0	.0	.0	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.5	.4	.3	.2
115.	* .0	.0	.0	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.5	.4	.3	.2
120.	* .0	.0	.0	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5	.6	.4	.4	.3	.2

S34EXAM.OUT

125.	*	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.5	.5	.4	.4	.3	.2
130.	*	.0	.0	.0	.2	.3	.2	.1	.1	.0	.0	.2	.0	.0	.5	.5	.4	.4	.3	.4
135.	*	.0	.0	.0	.1	.2	.1	.1	.1	.2	.1	.3	.0	.0	.5	.5	.5	.5	.5	.5
140.	*	.0	.0	.0	.0	.1	.1	.1	.1	.2	.3	.3	.0	.0	.5	.5	.5	.6	.6	.5
145.	*	.0	.0	.0	.0	.1	.0	.0	.1	.2	.3	.3	.0	.0	.5	.5	.5	.6	.6	.5
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.5	.6	.5	.7	.6	.6
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.5	.6	.5	.7	.6	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.5	.5	.4	.7	.6	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.0	.0	.5	.6	.5	.7	.6	.5
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.1	.0	.5	.6	.6	.7	.6	.5
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0	.5	.6	.6	.7	.6	.5
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0	.5	.6	.7	.6	.5	.5
185.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.1	.0	.5	.6	.7	.6	.5	.5
190.	*	.0	.1	.1	.0	.0	.1	.0	.1	.3	.3	.3	.1	.0	.5	.6	.6	.6	.5	.4
195.	*	.0	.1	.1	.0	.0	.1	.0	.1	.3	.3	.3	.1	.0	.6	.7	.7	.8	.4	.4
200.	*	.1	.1	.1	.0	.0	.1	.0	.1	.3	.3	.3	.1	.0	.7	.7	.7	.8	.5	.3
205.	*	.1	.1	.1	.0	.0	.1	.0	.1	.3	.3	.4	.1	.0	.7	.7	.7	.7	.5	.2

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.1	.1	.0	.0	.0	.1	.3	.3	.4	.2	.0	.1	.8	.8	.7	.7	.5	.2
215.	*	.1	.2	.2	.1	.0	.0	.0	.1	.2	.3	.4	.2	.1	.1	.8	.8	.8	.7	.4	.3
220.	*	.2	.2	.2	.2	.0	.0	.0	.1	.2	.3	.5	.3	.1	.2	.8	.7	.7	.7	.4	.3
225.	*	.3	.4	.3	.2	.0	.0	.1	.2	.2	.3	.6	.4	.2	.3	.8	.7	.7	.7	.4	.2
230.	*	.5	.5	.5	.3	.0	.0	.1	.2	.2	.3	.7	.5	.3	.4	.8	.7	.6	.4	.3	.2
235.	*	.6	.7	.7	.5	.0	.0	.1	.2	.2	.3	.8	.6	.4	.5	.7	.6	.4	.4	.2	.2
240.	*	.8	.7	.8	.7	.1	.0	.1	.2	.2	.4	1.0	.7	.5	.6	.6	.4	.3	.2	.2	.2
245.	*	.7	.8	.9	.6	.2	.0	.1	.2	.2	.4	1.1	.7	.6	.6	.4	.3	.2	.2	.2	.2
250.	*	.7	.9	.8	.9	.2	.0	.1	.2	.3	.4	1.0	.7	.6	.7	.3	.2	.2	.1	.2	.2
255.	*	.8	.7	.8	.6	.2	.1	.1	.2	.4	.5	1.0	.7	.7	.7	.2	.1	.1	.1	.3	.2
260.	*	.7	.7	.7	.6	.2	.1	.1	.2	.4	.6	.9	.7	.6	.6	.1	.1	.1	.1	.3	.2
265.	*	.7	.6	.7	.6	.3	.1	.1	.2	.4	.6	1.0	.8	.6	.6	.1	.1	.0	.2	.3	.2
270.	*	.7	.6	.7	.5	.3	.1	.1	.1	.4	.6	1.0	.8	.6	.6	.1	.1	.0	.2	.3	.2
275.	*	.6	.6	.6	.6	.3	.1	.1	.1	.5	.6	.9	.6	.6	.6	.1	.0	.0	.3	.3	.2
280.	*	.6	.6	.5	.6	.3	.2	.1	.1	.5	.6	.9	.6	.6	.4	.1	.0	.0	.3	.2	.2
285.	*	.6	.6	.6	.6	.3	.2	.1	.2	.5	.6	.9	.6	.5	.4	.1	.0	.0	.3	.2	.2
290.	*	.6	.6	.6	.6	.3	.2	.2	.3	.5	.6	.9	.6	.5	.4	.1	.0	.0	.2	.2	.2
295.	*	.6	.5	.6	.5	.2	.2	.2	.2	.5	.6	.9	.6	.5	.5	.0	.0	.0	.2	.2	.2
300.	*	.6	.5	.6	.5	.3	.3	.2	.3	.5	.5	.8	.5	.4	.5	.0	.0	.0	.2	.2	.2
305.	*	.5	.4	.5	.4	.4	.4	.2	.4	.5	.5	.8	.5	.4	.5	.0	.0	.0	.0	.2	.2
310.	*	.5	.5	.6	.5	.4	.4	.4	.4	.5	.5	.8	.5	.4	.5	.0	.0	.0	.0	.1	.1
315.	*	.5	.6	.6	.6	.5	.5	.5	.3	.5	.5	.6	.5	.4	.5	.0	.0	.0	.0	.0	.1
320.	*	.5	.6	.6	.8	.6	.6	.5	.2	.3	.3	.7	.6	.4	.5	.0	.0	.0	.0	.0	.0
325.	*	.6	.6	.6	.8	.7	.7	.5	.0	.2	.2	.7	.6	.4	.5	.0	.0	.0	.0	.0	.0
330.	*	.6	.6	.6	.8	.7	.7	.3	.0	.2	.2	.6	.6	.4	.5	.0	.0	.0	.0	.0	.0
335.	*	.5	.6	.6	.7	.7	.7	.2	.0	.2	.2	.5	.5	.4	.5	.0	.0	.0	.0	.0	.0
340.	*	.4	.5	.5	.7	.7	.7	.1	.0	.2	.2	.5	.5	.4	.5	.0	.0	.0	.0	.0	.0
345.	*	.5	.5	.5	.7	.7	.7	.1	.0	.2	.2	.5	.5	.4	.5	.0	.0	.0	.0	.0	.0
350.	*	.5	.6	.6	.7	.7	.7	.1	.0	.2	.2	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0
355.	*	.5	.6	.6	.8	.7	.6	.1	.0	.2	.2	.6	.6	.4	.5	.1	.0	.0	.0	.0	.0
360.	*	.5	.6	.7	.8	.5	.4	.1	.0	.2	.3	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0
MAX	*	.8	.9	1.0	1.0	.7	.7	.5	.4	.5	.6	1.1	.8	.7	.7	.8	.9	.8	.6	.6	.6
DEGR.	*	25	45	40	40	325	325	315	305	275	260	245	30	35	30	55	70	215	195	140	150

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.1	.3	.3	.0	.0
5.	*	.0	.0	.1	.3	.2	.0	.0
10.	*	.0	.0	.1	.2	.2	.0	.0
15.	*	.0	.0	.1	.2	.2	.0	.0
20.	*	.0	.1	.1	.2	.2	.1	.0
25.	*	.0	.1	.1	.2	.2	.0	.0
30.	*	.0	.1	.1	.2	.2	.2	.0
35.	*	.0	.1	.1	.2	.2	.2	.1
40.	*	.0	.1	.1	.2	.3	.2	.1
45.	*	.0	.1	.1	.2	.5	.3	.2
50.	*	.0	.1	.1	.2	.5	.5	.4
55.	*	.0	.1	.1	.3	.7	.7	.6
60.	*	.0	.1	.1	.3	.7	.8	.8
65.	*	.0	.1	.2	.5	.8	1.0	.8
70.	*	.0	.1	.3	.5	.9	1.0	.7
75.	*	.0	.2	.3	.6	.8	.8	.6
80.	*	.0	.2	.4	.5	.8	.8	.7
85.	*	.1	.2	.3	.7	.8	.9	.7
90.	*	.1	.1	.2	.6	.8	.9	.6
95.	*	.0	.1	.3	.7	1.0	.8	.6
100.	*	.0	.2	.5	.7	1.0	.8	.6
105.	*	.0	.2	.5	.7	.9	.8	.6
110.	*	.0	.2	.5	.8	.9	.7	.5
115.	*	.1	.2	.5	.8	.9	.6	.5
120.	*	.1	.3	.5	.7	.9	.4	.4
125.	*	.1	.2	.6	.6	.8	.4	.4
130.	*	.1	.2	.5	.6	.8	.4	.4
135.	*	.1	.2	.5	.5	.7	.4	.3

S34EXAM.OUT

```

140. * .2 .2 .4 .4 .6 .5 .5 .3
145. * .4 .2 .3 .3 .6 .5 .5 .3
150. * .4 .2 .2 .2 .5 .5 .4 .3
155. * .3 .2 .2 .2 .4 .4 .4 .3
160. * .3 .1 .2 .2 .4 .4 .4 .3
165. * .2 .0 .2 .2 .4 .4 .4 .3
170. * .2 .0 .2 .2 .4 .4 .4 .3
175. * .2 .0 .2 .2 .4 .5 .4 .2
180. * .2 .0 .2 .3 .4 .5 .5 .2
185. * .3 .0 .2 .3 .5 .6 .5 .3
190. * .2 .0 .2 .2 .6 .6 .5 .3
195. * .2 .1 .0 .2 .6 .6 .6 .3
200. * .2 .1 .0 .2 .6 .5 .6 .3
205. * .2 .0 .0 .2 .5 .6 .7 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .0 .1 .3 .5 .7 .6 .3
215. * .1 .0 .1 .4 .5 .8 .8 .4
220. * .1 .0 .1 .2 .7 .8 .7 .2
225. * .1 .0 .0 .1 .7 .7 .7 .1
230. * .0 .0 .0 .1 .5 .7 .6 .1
235. * .0 .0 .0 .0 .4 .5 .4 .1
240. * .0 .0 .0 .0 .1 .4 .3 .0
245. * .0 .0 .0 .0 .1 .1 .2 .0
250. * .0 .0 .0 .0 .0 .1 .0 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .0 .0 .0
265. * .1 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .2 .0 .0 .0 .0 .0 .0 .0
290. * .2 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .3 .0 .0 .0 .1 .0 .0 .0
305. * .1 .0 .1 .1 .1 .0 .0 .0
310. * .0 .0 .1 .1 .2 .0 .0 .0
315. * .0 .0 .1 .1 .2 .0 .0 .0
320. * .0 .0 .1 .2 .2 .0 .0 .0
325. * .0 .1 .1 .2 .3 .0 .0 .0
330. * .0 .1 .1 .3 .4 .0 .0 .0
335. * .0 .1 .2 .3 .4 .0 .0 .0
340. * .0 .1 .2 .3 .4 .0 .0 .0
345. * .0 .1 .2 .3 .4 .0 .0 .0
350. * .0 .0 .2 .3 .4 .0 .0 .0
355. * .0 .0 .1 .2 .3 .0 .0 .0
360. * .0 .0 .1 .3 .3 .0 .0 .0
-----
MAX * .4 .3 .6 .8 1.0 1.0 .8 .4
DEGR. * 145 120 125 110 95 65 60 75

```

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 245 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC4 .

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 8

DATE: 12/15/2006 TIME: 10:45:00.11

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
* 25 45 40 40 325 325 315 305 275 260 245 30 35 30 55 70 215 195 140 150
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .4 .6 .6 .5 .1 .1 .1 .1 .2 .6 .5 .1 .0 .0 .0 .2 .2 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1 .4 .5 .1 .2 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

1

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 9

1

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 10

DATE: 12/15/2006 TIME: 10:45:00.11

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

Page 5

S34EXAM.OUT

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.1	.1	.0
41	*	.1	.1	.1	.2	.4	.6	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 145	REC22 120	REC23 125	REC24 110	REC25 95	REC26 65	REC27 60	REC28 75
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.0	.1	.1	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.1	.1	.2	.0	.0
81	*	.0	.0	.1	.2	.1	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34EXPM.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	

I 15	AND ROSEMONT 1998 PM		89	1	1
1					
1					
1	NB 15	AG190860.639818.191068.639999.	3917. 3.4	0. 44.	50.4
2	NB 15	AG191068.639999.191332.640193.	3917. 3.4	0. 44.	50.4
3	NB 15	AG191332.640193.191857.640571.	3917. 3.4	0. 44.	50.4
4	NB OFFRAMPAG191857.640571.191960.640623.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	729. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	729. 2.6	0. 32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	238. 2.6	0. 32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1		
148	108 4.0 238 28.3 1781 2 3				
14	NB OFFRAMPAG191970.640296.191878.640271.	491. 2.6	0. 32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1		
148	108 4.0 243 28.3 1583 2 3				
15	SB 2ND ST AG191905.640219.191845.640144.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	138. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	138. 2.6	0. 32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	138. 2.6	0. 32.	30.0	
23	NB 15 AG191857.640571.192459.641017.	3188. 3.4	0. 44.	54.1	
24	NB 2ND ST AG191873.639485.191811.639835.	227. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	227. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	227. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	227. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	227. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	227. 2.6	0. 32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0. 20.	2		
148	124 4.0 224 28.3 1680 2 3				
31	NB 15 ON RAG191934.640223.191986.640270.	177. 2.6	0. 32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	177. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	177. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	177. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	177. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	177. 2.6	0. 32.	30.0	

[illegible]

80		NB 15	AG190678.639647.190434.639378.	3917. 3.4	S34EXPM.DAT 0.44.0	30
1						
80		NB 15	AG190434.639378.190212.639090.	3917. 3.4	0.44.0	30
1						
80		NB 15	AG190212.639090.190063.638865.	3917. 3.4	0.44.0	30
1.0	0.4 1000. 0.0Y	5	0 72			

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:25.93

RUN: I 15 AND ROSEMONT 1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3917.	3.4	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3917.	3.4	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3917.	3.4	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	729.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	729.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	729.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	729.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	729.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	729.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	729.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	238.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192448.2	640854.9	*	808.	41. AG	55. 100.0	.0	12.0	1.33	41.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	491.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193180.0	640623.7	*	1329.	75. AG	55. 100.0	.0	12.0	1.83	67.5
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	138.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	138.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	138.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	138.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	138.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	138.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	138.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	138.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3188.	3.4	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	227.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	227.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	227.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	227.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	227.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	227.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191616.4	639861.4	*	432.	221. AG	127. 100.0	.0	20.0	1.37	21.9
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640273.0	*	70.	48. AG	177.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	177.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	177.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	177.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	177.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	177.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	177.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	177.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	177.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	2985.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	2985.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	113.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	113.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	113.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:25.93

RUN: I 15 AND ROSEMONT 1998 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	113.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	113.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	113.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	113.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	64.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191280.7	640741.5	*	6.	216. AG	37. 100.0	.0	12.0	.25	.3
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	49.	2.6	.0	32.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191327.9	640725.0	*	0.	242. AG	37. 100.0	.0	12.0	.00	.0
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2872.	3.4	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2872.	3.4	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3156.	3.4	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	664.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	664.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192018.3	640132.7	*	92.	131. AG	53. 100.0	.0	24.0	.72	4.7
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1274.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1274.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	727.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191339.7	640759.8	*	13.	133. AG	41. 100.0	.0	24.0	.65	.7
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	564.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	564.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	564.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1003.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	284.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	284.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	284.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	284.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	284.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	284.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	284.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	284.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	284.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	1003.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	1003.	2.6	.0	44.0	
78. 78	WB ROSE Q	* 191279.0	640802.0	191174.8	640897.2	*	141.	312. AG	41. 100.0	.0	24.0	1.00	7.2
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	888.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	911.	2.6	.0	44.0	

S34EXPM.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191740.2	640360.6	* 172.	313.	AG	53.	100.0	.0	24.0	.94	8.8
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	942.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3156.	3.4	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3156.	3.4	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3156.	3.4	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3917.	3.4	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3917.	3.4	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3917.	3.4	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3917.	3.4	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/15/2006 TIME: 10:45:25.93

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	148	108	4.0	238	781	28.30	1 3
14. 14	NBOFFRAMP *	148	108	4.0	243	583	28.30	1 3
30. 30	NB 2ND ST *	148	124	4.0	224	680	28.30	1 3
50. 50	SB15 RAMP *	33	16	4.0	64	770	28.30	1 3
52. 52	SB15 RAMP *	33	16	4.0	1	750	28.30	1 3
58. 58	WB ROSE Q *	148	52	4.0	647	736	28.30	1 3
62. 62	WB ROSE Q *	33	9	4.0	475	674	28.30	1 3
78. 78	WB ROSE Q *	33	9	4.0	838	765	28.30	1 3
81. 81	EB ROSE Q *	148	52	4.0	823	718	28.30	1 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .6	.6	.6	.7	.5	.6	.4	.2	.2	.3	.6	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0
5.	* .7	.7	.7	.8	.5	.6	.4	.2	.1	.3	.7	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0
10.	* .7	.7	.7	.8	.5	.5	.4	.2	.3	.3	.7	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0
15.	* .8	.8	.8	.8	.5	.6	.4	.2	.2	.3	.8	.6	.5	.6	.1	.0	.0	.0	.0	.0	.0
20.	* .8	.8	.8	.9	.5	.7	.4	.2	.2	.5	.7	.8	.6	.7	.1	.0	.0	.0	.0	.0	.0
25.	* .9	.9	.9	.8	.7	.5	.3	.1	.2	.3	.7	.9	.6	.7	.1	.1	.0	.0	.0	.0	.0
30.	* .9	.9	.9	.8	.4	.4	.3	.0	.2	.3	.8	.9	.7	.7	.2	.1	.1	.0	.0	.0	.0
35.	* .9	1.0	.9	1.1	.4	.4	.2	.0	.2	.3	1.0	.8	.7	.8	.2	.1	.1	.0	.0	.0	.0
40.	* .9	1.0	1.1	1.1	.5	.3	.2	.1	.1	.2	1.0	.8	.6	.7	.3	.2	.2	.0	.0	.0	.0
45.	* 1.0	1.1	1.1	1.0	.4	.3	.2	.1	.1	.2	.8	.8	.6	.7	.4	.3	.3	.2	.0	.0	.0
50.	* .9	1.1	1.0	.9	.4	.2	.3	.1	.0	.1	.9	.8	.5	.6	.6	.6	.5	.2	.0	.0	.0
55.	* .8	.8	.8	.8	.3	.2	.3	.1	.0	.1	.8	.7	.4	.4	.7	.6	.5	.4	.1	.0	.0
60.	* .5	.6	.6	.5	.2	.2	.2	.1	.1	.0	.5	.5	.2	.3	.8	.7	.6	.4	.2	.0	.0
65.	* .4	.4	.5	.4	.2	.4	.2	.0	.1	.0	.4	.3	.1	.2	.8	.8	.8	.5	.3	.1	.0
70.	* .2	.3	.3	.3	.3	.6	.2	.0	.1	.0	.2	.2	.1	.1	.8	.8	.8	.5	.3	.2	.0
75.	* .1	.2	.2	.2	.3	.5	.2	.0	.2	.0	.1	.1	.0	.1	.8	.8	.8	.5	.3	.2	.0
80.	* .1	.1	.1	.2	.3	.5	.2	.0	.2	.0	.1	.1	.0	.1	.8	.8	.7	.6	.2	.2	.0
85.	* .0	.1	.1	.2	.4	.5	.2	.0	.1	.0	.1	.1	.0	.0	.7	.6	.6	.5	.4	.3	.0
90.	* .0	.1	.1	.1	.5	.5	.3	.0	.1	.1	.1	.1	.0	.0	.7	.6	.6	.4	.4	.2	.0
95.	* .0	.1	.1	.1	.5	.5	.2	.0	.1	.1	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0
100.	* .0	.1	.1	.1	.5	.4	.2	.0	.1	.1	.0	.0	.0	.0	.6	.5	.6	.5	.3	.2	.0
105.	* .1	.1	.1	.1	.3	.4	.1	.0	.1	.1	.0	.0	.0	.0	.6	.5	.6	.5	.3	.2	.0
110.	* .1	.0	.0	.2	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0
115.	* .1	.0	.0	.2	.3	.2	.1	.0	.2	.0	.0	.0	.0	.0	.6	.5	.5	.5	.3	.2	.0
120.	* .0	.1	.0	.2	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	.6	.5	.5	.5	.3	.2	.0

S34EXPM.OUT

125.	*	.0	.1	.0	.2	.2	.2	.1	.0	.1	.0	.1	.0	.0	.5	.4	.5	.5	.3	.3
130.	*	.0	.1	.1	.2	.2	.2	.1	.2	.1	.0	.1	.0	.0	.5	.5	.5	.5	.3	.3
135.	*	.0	.1	.1	.0	.2	.2	.1	.2	.1	.2	.3	.0	.0	.5	.5	.5	.5	.4	.3
140.	*	.0	.1	.1	.1	.3	.1	.1	.2	.1	.3	.3	.0	.0	.5	.6	.5	.5	.5	.3
145.	*	.0	.1	.1	.1	.1	.1	.1	.0	.2	.3	.3	.0	.0	.5	.6	.5	.7	.5	.3
150.	*	.0	.1	.1	.1	.1	.1	.1	.0	.3	.3	.3	.0	.0	.5	.6	.5	.7	.5	.4
155.	*	.0	.1	.1	.1	.1	.1	.1	.0	.3	.4	.4	.0	.0	.5	.5	.5	.7	.5	.4
160.	*	.0	.0	.1	.1	.1	.1	.1	.0	.3	.4	.4	.0	.0	.5	.5	.5	.7	.5	.4
165.	*	.0	.0	.1	.1	.1	.1	.1	.0	.3	.4	.4	.3	.1	.0	.5	.5	.7	.4	.4
170.	*	.0	.0	.0	.1	.1	.1	.1	.0	.3	.4	.4	.3	.2	.0	.6	.5	.6	.4	.4
175.	*	.0	.0	.0	.1	.1	.1	.1	.0	.3	.4	.4	.3	.2	.0	.6	.6	.5	.7	.4
180.	*	.0	.1	.1	.0	.1	.1	.1	.0	.4	.4	.4	.3	.2	.1	.6	.6	.6	.7	.4
185.	*	.0	.1	.1	.0	.1	.1	.1	.0	.4	.4	.4	.2	.1	.1	.6	.6	.6	.7	.4
190.	*	.1	.1	.1	.0	.1	.1	.1	.0	.4	.4	.4	.2	.1	.1	.6	.6	.6	.7	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.4	.4	.4	.3	.0	.1	.0	.7	.6	.6	.7	.4
200.	*	.1	.1	.1	.0	.0	.1	.0	.4	.4	.3	.3	.1	.0	.0	.7	.7	.6	.6	.4
205.	*	.1	.1	.1	.1	.0	.1	.0	.4	.4	.3	.3	.1	.0	.0	.7	.7	.6	.5	.4

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.3	.1	.0	.1	.8	.7	.7	.6	.4	.3	
215.	*	.2	.2	.2	.1	.0	.0	.0	.4	.2	.3	.4	.2	.1	.1	.9	.8	.7	.5	.3	
220.	*	.3	.4	.3	.2	.0	.0	.1	.4	.2	.3	.4	.2	.1	.2	.9	.8	.7	.4	.2	
225.	*	.5	.5	.5	.3	.0	.0	.1	.5	.3	.3	.6	.4	.2	.3	.9	.7	.6	.4	.2	
230.	*	.6	.6	.6	.5	.0	.0	.1	.5	.3	.3	.8	.5	.3	.5	.8	.7	.6	.5	.2	
235.	*	.7	.8	.9	.6	.0	.0	.2	.5	.3	.3	.9	.6	.4	.7	.7	.6	.5	.2	.2	
240.	*	.9	.9	.9	.8	.2	.0	.2	.6	.3	.4	1.0	.8	.6	.7	.6	.4	.3	.1	.2	
245.	*	.9	.9	1.0	.9	.2	.0	.2	.6	.3	.4	1.0	.9	.7	.8	.4	.3	.2	.1	.2	
250.	*	.8	1.0	1.1	.9	.3	.1	.2	.6	.5	.4	1.0	.9	.7	.7	.3	.2	.1	.1	.2	
255.	*	.9	1.0	.9	.8	.2	.2	.2	.6	.4	.4	1.0	.8	.7	.7	.2	.1	.1	.1	.2	
260.	*	.9	.9	.9	.7	.2	.1	.2	.6	.4	.5	1.0	.9	.8	.6	.1	.1	.1	.1	.2	
265.	*	.8	.7	.9	.7	.2	.1	.2	.5	.4	.5	.9	.8	.7	.7	.1	.1	.0	.2	.2	
270.	*	.8	.7	.7	.7	.3	.1	.2	.5	.4	.5	1.0	.8	.7	.7	.1	.0	.0	.2	.2	
275.	*	.8	.7	.7	.6	.3	.1	.2	.5	.5	.5	1.0	.7	.7	.6	.1	.0	.0	.2	.2	
280.	*	.7	.7	.6	.6	.3	.1	.3	.6	.5	.5	.9	.7	.7	.5	.1	.0	.0	.2	.2	
285.	*	.7	.7	.6	.6	.3	.2	.3	.4	.5	.5	.9	.7	.5	.5	.1	.0	.0	.2	.2	
290.	*	.6	.7	.6	.6	.3	.2	.3	.4	.5	.5	.8	.6	.5	.5	.0	.0	.0	.2	.2	
295.	*	.6	.6	.6	.5	.3	.2	.2	.3	.5	.5	.7	.5	.5	.5	.0	.0	.0	.2	.2	
300.	*	.5	.5	.5	.5	.3	.2	.2	.3	.5	.5	.7	.5	.5	.4	.0	.0	.0	.2	.2	
305.	*	.5	.5	.5	.5	.4	.3	.2	.3	.4	.5	.6	.5	.5	.4	.0	.0	.0	.1	.2	
310.	*	.5	.5	.5	.5	.4	.3	.3	.2	.4	.4	.6	.5	.5	.4	.0	.0	.0	.1	.1	
315.	*	.6	.6	.6	.5	.4	.3	.4	.1	.3	.4	.6	.5	.5	.5	.0	.0	.0	.0	.1	
320.	*	.6	.6	.6	.5	.5	.5	.4	.1	.3	.4	.7	.6	.5	.5	.0	.0	.0	.0	.1	
325.	*	.7	.6	.6	.7	.5	.5	.3	.1	.2	.4	.7	.6	.5	.5	.0	.0	.0	.0	.0	
330.	*	.7	.6	.6	.7	.5	.5	.2	.1	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	
335.	*	.5	.6	.6	.7	.5	.5	.2	.0	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	
340.	*	.6	.5	.5	.7	.5	.6	.2	.0	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	
345.	*	.6	.5	.5	.7	.5	.6	.1	.1	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	
350.	*	.6	.5	.5	.7	.5	.6	.2	.1	.2	.3	.5	.5	.5	.4	.0	.0	.0	.0	.0	
355.	*	.6	.6	.6	.6	.5	.6	.2	.2	.2	.3	.6	.5	.5	.5	.0	.0	.0	.0	.0	
360.	*	.6	.6	.6	.7	.5	.6	.4	.2	.2	.3	.6	.6	.6	.5	.1	.0	.0	.0	.0	
MAX	DEGR	45	45	40	35	25	20	0	240	250	20	35	25	260	35	215	65	65	145	140	150

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.2	.2	.2	.0	.0
5.	*	.0	.0	.2	.2	.2	.0	.0
10.	*	.0	.0	.2	.2	.2	.0	.0
15.	*	.0	.0	.2	.2	.2	.0	.0
20.	*	.0	.0	.2	.2	.1	.0	.0
25.	*	.0	.0	.1	.1	.1	.0	.0
30.	*	.0	.0	.1	.1	.1	.1	.0
35.	*	.0	.0	.1	.1	.1	.1	.0
40.	*	.0	.1	.2	.2	.3	.1	.0
45.	*	.0	.1	.2	.2	.4	.2	.0
50.	*	.0	.1	.2	.2	.3	.4	.1
55.	*	.0	.1	.1	.2	.4	.6	.1
60.	*	.0	.1	.1	.3	.6	.8	.3
65.	*	.0	.1	.2	.4	.8	.8	.4
70.	*	.0	.1	.4	.5	.9	.7	.3
75.	*	.0	.1	.4	.5	.8	.8	.4
80.	*	.0	.2	.5	.4	.8	.7	.4
85.	*	.1	.2	.4	.5	.8	.6	.4
90.	*	.2	.2	.4	.5	.8	.6	.4
95.	*	.1	.1	.4	.5	.7	.6	.4
100.	*	.0	.2	.4	.4	.7	.6	.4
105.	*	.0	.2	.4	.4	.7	.6	.4
110.	*	.0	.3	.4	.4	.7	.5	.3
115.	*	.0	.3	.4	.4	.7	.5	.3
120.	*	.1	.3	.4	.5	.7	.5	.3
125.	*	.2	.2	.4	.5	.7	.5	.3
130.	*	.2	.2	.3	.4	.6	.5	.3
135.	*	.3	.2	.3	.4	.6	.5	.3

S34EXPM.OUT

```

140. * .3 .2 .3 .2 .6 .5 .5 .3
145. * .4 .2 .2 .2 .6 .5 .5 .2
150. * .4 .2 .2 .2 .5 .5 .5 .3
155. * .4 .2 .2 .2 .5 .5 .5 .3
160. * .3 .1 .2 .2 .5 .5 .5 .3
165. * .3 .1 .2 .2 .5 .5 .5 .3
170. * .3 .1 .2 .2 .5 .5 .5 .3
175. * .2 .0 .2 .2 .5 .5 .5 .2
180. * .2 .0 .2 .2 .5 .5 .5 .2
185. * .2 .0 .2 .2 .5 .6 .5 .4
190. * .2 .1 .2 .2 .5 .6 .6 .4
195. * .2 .0 .1 .2 .5 .6 .6 .3
200. * .2 .0 .1 .2 .6 .6 .8 .3
205. * .2 .0 .1 .3 .6 .6 .6 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .0 .2 .4 .6 .7 .6 .4
215. * .2 .0 .1 .4 .6 .7 .8 .4
220. * .2 .0 .1 .2 .6 .8 .7 .3
225. * .2 .0 .0 .1 .7 .8 .6 .1
230. * .1 .0 .0 .1 .5 .6 .5 .1
235. * .1 .0 .0 .0 .3 .5 .3 .1
240. * .1 .0 .0 .0 .1 .4 .3 .0
245. * .0 .0 .0 .0 .1 .1 .2 .0
250. * .0 .0 .0 .0 .0 .1 .0 .0
255. * .0 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .0 .0 .0
265. * .1 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .2 .0 .0 .0 .0 .0 .0 .0
290. * .2 .0 .0 .0 .0 .0 .0 .0
295. * .2 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .1 .1 .0 .0 .0
310. * .0 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .1 .1 .1 .0 .0 .0
320. * .0 .0 .1 .1 .2 .0 .0 .0
325. * .0 .0 .2 .2 .2 .0 .0 .0
330. * .0 .1 .2 .2 .2 .0 .0 .0
335. * .0 .1 .2 .2 .2 .0 .0 .0
340. * .0 .0 .2 .2 .2 .0 .0 .0
345. * .0 .0 .2 .2 .2 .0 .0 .0
350. * .0 .0 .2 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .0 .2 .2 .2 .0 .0 .0
-----
MAX * .4 .3 .5 .5 .9 .8 .8 .4
DEGR. * 145 110 80 70 70 220 200 65

```

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 45 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 40 DEGREES FROM REC3 .
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 35 DEGREES FROM REC4 .

```

1

JOB: I 15 AND ROSEMONT

DATE: 12/15/2006 TIME: 10:45:25.93

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # 45 45 40 35 25 20 0 240 250 20 35 25 260 35 215 65 65 145 140 150
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .7 .8 .8 .7 .2 .1 .0 .0 .1 .2 .7 .6 .6 .0 .2 .0 .0 .2 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .1 .1 .1 .1 .1 .0 .0 .1 .1 .1 .0 .6 .1 .2 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```


25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.1	.1	.0	.0	.0
41	*	.1	.1	.1	.1	.4	.4	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34EXPM.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT 1998 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 145	REC22 110	REC23 80	REC24 70	REC25 70	REC26 220	REC27 200	REC28 65
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.1	.0
54	*	.0	.0	.0	.0	.1	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.0	.1	.1	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34NB15A.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT NB15 AM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	2925.4.0	0.44.	56
2	NB 15	AG191068.639999.191332.640193.	2925.4.0	0.44.	56
3	NB 15	AG191332.640193.191857.640571.	2925.4.0	0.44.	56
4	NB OFFRAMPAG	191857.640571.191960.640623.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	525.2.9	0.32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	525.2.9	0.32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	175.2.9	0.32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1	
95	75	4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	350.2.9	0.32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1	
95	75	4.0 350 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	600.2.9	0.32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	600.2.9	0.32.	30.0
23	NB 15	AG191857.640571.192459.641017.	2550.4.0	0.44.	56
24	NB 2ND ST	AG191873.639485.191811.639835.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	225.2.9	0.32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0.12.	1	
95	77	4.0 225 32.2 1682 2 3			
31	NB 15 ON RAG	191934.640223.191986.640270.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	191986.640270.192132.640439.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192132.640439.192165.640514.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192165.640514.192184.640621.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192184.640621.192226.640733.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192226.640733.192290.640837.	150.2.9	0.32.	30.0

S34NB15A.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	150. 2.9	0. 32. 30.0
31	NB 15 ON RAG192329.640883.192397.640944.	150. 2.9	0. 32. 30.0
31	NB 15 ON RAG192397.640944.192459.641017.	150. 2.9	0. 32. 30.0
40	SB 15 AG192414.641075.191866.640671.	3425. 3.4	0. 44. 50
41	SB 15 AG191866.640671.191396.640337.	3425. 3.4	0. 44. 50
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
65	50 4.0 50 32.2 1308 2 3		
51	SB 15 OFFRAG191246.640695.191341.640730.	50. 2.9	0. 44. 30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
65	50 4.0 50 32.2 1583 2 3		
53	SB 15 AG191396.640337.191282.640244.	3325. 3.9	0. 44. 55
54	SB 15 AG191282.640244.190930.639988.	3325. 3.9	0. 44. 55
55	SB 15 AG190930.639988.190811.639884.	4000. 3.7	0. 44. 51
56	WB ROSEMONAG192403.639820.192097.640064.	300. 2.9	0. 44. 30
57	WB ROSEMONAG192097.640064.191916.640222.	300. 2.9	0. 44. 30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
95	73 4.0 300 32.2 1719 2 3		
59	WB ROSEMONAG191916.640222.191878.640271.	725. 2.9	0. 44. 30
60	WB ROSEMONAG191878.640271.191817.640307.	1000. 2.9	0. 44. 30
61	WB ROSEMONAG191817.640307.191306.640792.	1000. 2.9	0. 44. 30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
65	37 4.0 1000 32.2 1746 2 3		
63	WB ROSEMONAG191306.640792.191144.640951.	925. 2.9	0. 44. 30
64	WB ROSEMONAG191144.640951.191046.641019.	925. 2.9	0. 44. 30
65	WB ROSEMONAG191046.641019.190888.641123.	925. 2.9	0. 44. 30
66	EB ROSEMONAG190873.641107.190977.641037.	1175. 2.9	0. 44. 30
67	SB 270 ONRAG190977.641037.191077.640931.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191077.640931.191137.640865.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191137.640865.191176.640783.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191176.640783.191178.640713.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191178.640713.191156.640575.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191156.640575.191108.640301.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191108.640301.191083.640220.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191083.640220.191038.640125.	675. 2.9	0. 32. 30
67	SB 270 ONRAG191038.640125.190930.639988.	675. 2.9	0. 32. 30
76	EB ROSE AG190977.641037.191115.640951.	550. 2.9	0. 44. 30
77	EB ROSE AG191115.640951.191305.640778.	550. 2.9	0. 44. 30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
65	37 4.0 550 32.2 1762 2 3		
79	EB ROSE AG191307.640777.191579.640509.	600. 2.9	0. 44. 30
80	EB ROSE AG191579.640509.191907.640207.	1125. 2.9	0. 44. 30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
95	56 4.0 1125 32.2 1715 2 3		
80	EB ROSE AG191907.640207.192388.639800.	650. 2.9	0. 44. 30
80	SB 15 AG190810.639884.190461.639523.	4000. 3.7	0. 44. 51
80	SB 15 AG190461.639524.190212.639214.	4000. 3.7	0. 44. 51
80	SB 15 AG190212.639214.190004.638912.	4000. 3.7	0. 44. 51
80	NB 15 AG190860.639817.190678.639647.	2925. 4.0	0. 44. 56

80		NB 15	AG190678.639647.190434.639378.	2925. 4.0	S34NB15A.DAT	0. 44.	56
1							
80		NB 15	AG190434.639378.190212.639090.	2925. 4.0		0. 44.	56
1							
80		NB 15	AG190212.639090.190063.638865.	2925. 4.0		0. 44.	56
1.0	0.4 1000. 0.0Y		5 0 72				

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

DATE: 01/20/2007 TIME: 22:40:54.43

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2925.	4.0	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2925.	4.0	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2925.	4.0	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	525.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	525.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	525.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	525.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	525.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	525.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	525.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191969.7	640295.5	*	72.	41. AG	68.	100.0	.0	12.0	.67 3.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	350.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193228.7	640636.8	*	1379.	75. AG	68.	100.0	.0	12.0	1.50 70.1
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2550.	4.0	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191716.9	639975.3	*	280.	221. AG	70.	100.0	.0	12.0	1.06 14.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3425.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3425.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

DATE: 01/20/2007 TIME: 22:40:54.43

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191275.9	640735.0	*	14.	216. AG	66.	100.0	.0	12.0	.28 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191321.6	640722.6	*	7.	250. AG	133.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.9	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.9	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4000.	3.7	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	191994.2	640153.7	*	60.	131. AG	133.	100.0	.0	24.0	.52 3.0
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	725.	2.9	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.5	640692.0	*	112.	133. AG	98.	100.0	.0	24.0	.85 5.7
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1175.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	550.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	550.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191237.9	640839.5	*	56.	312. AG	98.	100.0	.0	24.0	.46 2.8
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	600.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1125.	2.9	.0	44.0	

S34NB15A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.5	*	215.	313.	AG	102.	100.0	.0	24.0	.94	10.9
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	650.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4000.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4000.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4000.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2925.	4.0	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2925.	4.0	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2925.	4.0	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2925.	4.0	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:40:54.43

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	95	75	4.0	175	1770	2	3
14. 14	NBOFFRAMP *	95	75	4.0	350	1583	2	3
30. 30	NB 2ND ST *	95	77	4.0	225	1682	2	3
50. 50	SB15 RAMP *	65	50	4.0	50	1308	2	3
52. 52	SB15 RAMP *	65	50	4.0	50	1583	2	3
58. 58	WB ROSE Q *	95	73	4.0	300	1719	2	3
62. 62	WB ROSE Q *	65	37	4.0	1000	1746	2	3
78. 78	EB ROSE Q *	65	37	4.0	550	1762	2	3
81. 81	EB ROSE Q *	95	56	4.0	1125	1715	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .7	.6	.6	.8	.8	.7	.3	.3	.2	.3	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0	.0
5.	* .7	.7	.7	.8	.8	.7	.5	.3	.2	.3	.6	.6	.6	.6	.1	.0	.0	.0	.0	.0	.0
10.	* .7	.7	.7	.9	.8	.7	.6	.3	.2	.3	.7	.7	.6	.6	.1	.0	.0	.0	.0	.0	.0
15.	* .8	.7	.7	.9	.8	.8	.6	.3	.2	.3	.7	.7	.5	.6	.1	.0	.0	.0	.0	.0	.0
20.	* .7	.8	.8	.9	.8	.7	.5	.1	.2	.4	.7	.7	.6	.6	.1	.1	.0	.0	.0	.0	.0
25.	* .8	.8	.8	.9	.9	.7	.5	.1	.2	.3	.8	.8	.6	.7	.1	.1	.0	.0	.0	.0	.0
30.	* .8	.8	.8	1.0	.8	.7	.5	.1	.2	.3	.8	.8	.6	.7	.2	.1	.1	.0	.0	.0	.0
35.	* .9	.9	1.0	1.1	.8	.7	.5	.1	.2	.3	.9	.8	.7	.7	.3	.2	.1	.0	.0	.0	.0
40.	* 1.0	.9	1.0	1.1	.8	.7	.4	.1	.2	.2	.9	.9	.7	.7	.4	.3	.2	.0	.0	.0	.0
45.	* .9	1.0	1.0	1.1	.7	.6	.4	.1	.1	.2	.7	.7	.5	.6	.5	.4	.3	.2	.0	.0	.0
50.	* .7	1.0	.9	.9	.6	.5	.4	.1	.0	.1	.8	.7	.5	.6	.6	.5	.4	.2	.1	.0	.0
55.	* .7	.8	.8	.9	.6	.5	.4	.1	.0	.1	.6	.6	.4	.4	.8	.7	.7	.4	.1	.0	.0
60.	* .5	.6	.6	.6	.5	.5	.3	.1	.0	.0	.4	.4	.2	.3	.9	.8	.8	.5	.2	.1	.0
65.	* .4	.4	.4	.5	.5	.4	.3	.1	.0	.0	.3	.3	.1	.2	.9	.8	.7	.5	.3	.1	.0
70.	* .2	.2	.2	.3	.5	.5	.2	.0	.0	.0	.2	.2	.1	.1	.9	.9	.9	.6	.3	.2	.0
75.	* .1	.3	.3	.3	.5	.6	.2	.0	.1	.0	.1	.1	.0	.1	.9	.8	.7	.7	.3	.2	.0
80.	* .1	.2	.2	.4	.6	.6	.1	.0	.1	.0	.1	.1	.0	.1	.8	.8	.6	.6	.4	.2	.0
85.	* .0	.3	.3	.3	.6	.6	.1	.0	.1	.1	.1	.1	.0	.0	.8	.7	.7	.6	.3	.3	.0
90.	* .0	.2	.3	.4	.6	.6	.1	.0	.1	.1	.0	.0	.0	.0	.8	.7	.7	.5	.4	.2	.0
95.	* .0	.2	.2	.4	.7	.6	.1	.0	.1	.1	.1	.0	.0	.0	.7	.6	.7	.5	.3	.2	.0
100.	* .0	.1	.2	.5	.7	.6	.1	.0	.1	.1	.1	.0	.0	.0	.7	.6	.5	.5	.3	.1	.0
105.	* .0	.0	.1	.4	.8	.5	.1	.0	.1	.1	.0	.0	.0	.0	.6	.5	.5	.5	.3	.2	.0
110.	* .0	.0	.1	.4	.7	.4	.1	.0	.1	.1	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0
115.	* .0	.0	.1	.4	.7	.4	.1	.0	.1	.1	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0
120.	* .0	.0	.0	.3	.5	.3	.1	.0	.2	.0	.1	.0	.0	.0	.6	.6	.6	.4	.3	.3	.0

S34NB15A.OUT

125.	*	.0	.0	.0	.3	.5	.3	.1	.0	.1	.1	.2	.0	.0	.0	.6	.5	.6	.4	.3	.3
130.	*	.0	.0	.0	.2	.3	.2	.1	.0	.1	.2	.3	.0	.0	.0	.6	.5	.6	.4	.4	.3
135.	*	.0	.0	.0	.2	.3	.2	.1	.1	.1	.3	.4	.0	.0	.0	.6	.6	.6	.6	.6	.3
140.	*	.0	.0	.0	.1	.2	.1	.0	.1	.3	.3	.4	.0	.0	.0	.6	.6	.6	.8	.6	.5
145.	*	.0	.0	.0	.0	.2	.0	.0	.1	.3	.4	.5	.0	.0	.0	.6	.6	.6	.8	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.6	.0	.0	.0	.6	.6	.7	.8	.6	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.1	.0	.0	.6	.6	.7	.7	.5	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.1	.0	.0	.6	.6	.7	.6	.5	.4
165.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.1	.0	.0	.6	.6	.7	.7	.5	.4
170.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.1	.0	.0	.6	.7	.7	.7	.5	.4
175.	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.4	.1	.0	.0	.6	.7	.7	.7	.4	.4
180.	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.3	.1	.0	.0	.6	.7	.6	.7	.4	.4
185.	*	.0	.1	.1	.0	.0	.0	.0	.1	.4	.4	.3	.1	.1	.0	.6	.7	.6	.7	.4	.4
190.	*	.0	.1	.1	.0	.0	.0	.0	.1	.4	.4	.3	.1	.1	.0	.7	.7	.7	.8	.4	.3
195.	*	.1	.1	.1	.0	.0	.0	.0	.2	.4	.4	.2	.1	.1	.0	.6	.7	.7	.8	.4	.3
200.	*	.1	.1	.1	.0	.0	.0	.0	.1	.4	.4	.3	.1	.1	.0	.7	.7	.7	.8	.4	.3
205.	*	.1	.1	.1	.0	.0	.0	.0	.1	.4	.4	.3	.2	.1	.0	.9	.8	.7	.8	.4	.2

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.1	.1	.0	.0	.0	.1	.4	.4	.3	.2	.1	.1	.9	.8	.8	.8	.4	.2
215.	*	.2	.2	.2	.1	.0	.0	.0	.3	.4	.4	.3	.2	.2	.1	.9	.9	.8	.7	.5	.2
220.	*	.2	.2	.3	.2	.0	.0	.0	.3	.4	.4	.4	.2	.1	.2	1.0	.9	.7	.8	.5	.2
225.	*	.4	.4	.5	.3	.0	.0	.0	.4	.4	.4	.5	.3	.2	.3	.9	.8	.7	.8	.3	.2
230.	*	.6	.5	.6	.5	.0	.0	.0	.3	.4	.4	.6	.4	.3	.4	.8	.7	.7	.6	.2	.1
235.	*	.9	.7	.8	.7	.0	.0	.0	.3	.4	.4	1.0	.6	.4	.7	.8	.7	.6	.4	.1	.1
240.	*	.9	.8	.8	.8	.2	.0	.1	.4	.4	.5	1.0	.8	.6	.7	.6	.4	.4	.2	.1	.1
245.	*	.8	.9	1.0	.9	.3	.0	.1	.6	.4	.6	1.1	.9	.6	.7	.4	.3	.2	.2	.1	.1
250.	*	.8	.9	.9	.9	.3	.1	.1	.6	.5	.6	1.1	.8	.7	.8	.3	.2	.2	.1	.1	.1
255.	*	.8	.8	.8	.8	.3	.2	.1	.6	.6	.7	.9	.8	.7	.8	.2	.1	.1	.1	.1	.1
260.	*	.8	.8	.8	.8	.2	.2	.1	.6	.5	.7	1.0	.8	.7	.7	.1	.1	.1	.1	.1	.1
265.	*	.8	.8	.8	.6	.3	.1	.1	.6	.6	.7	.9	.7	.7	.6	.1	.1	.0	.1	.1	.2
270.	*	.7	.6	.7	.7	.3	.1	.1	.6	.6	.7	.9	.7	.6	.6	.1	.1	.0	.1	.1	.2
275.	*	.7	.6	.6	.7	.3	.1	.1	.5	.7	.6	.9	.7	.6	.6	.1	.0	.0	.1	.1	.2
280.	*	.7	.7	.7	.6	.3	.2	.1	.6	.7	.6	.9	.7	.6	.5	.1	.0	.0	.1	.1	.2
285.	*	.6	.7	.7	.6	.3	.2	.2	.5	.6	.6	.9	.6	.6	.6	.1	.0	.0	.1	.2	.2
290.	*	.6	.6	.6	.6	.3	.2	.2	.5	.7	.7	.9	.6	.6	.5	.1	.0	.0	.1	.2	.3
295.	*	.6	.5	.6	.6	.3	.2	.2	.6	.7	.6	.9	.6	.6	.5	.0	.0	.0	.1	.2	.3
300.	*	.6	.5	.6	.6	.4	.3	.2	.6	.7	.6	.9	.6	.5	.5	.0	.0	.0	.1	.1	.3
305.	*	.6	.6	.6	.6	.4	.4	.5	.6	.6	.6	.9	.6	.5	.5	.0	.0	.0	.1	.1	.2
310.	*	.6	.6	.6	.6	.5	.5	.4	.5	.6	.6	.8	.6	.5	.5	.0	.0	.0	.1	.1	.2
315.	*	.6	.6	.6	.6	.5	.5	.4	.4	.4	.4	.8	.6	.5	.5	.0	.0	.0	.1	.1	.2
320.	*	.6	.6	.6	.8	.5	.7	.5	.2	.3	.4	.7	.6	.6	.5	.0	.0	.0	.0	.1	.2
325.	*	.6	.6	.6	.8	.7	.7	.5	.2	.3	.4	.7	.6	.6	.5	.0	.0	.0	.0	.0	.1
330.	*	.6	.6	.6	.8	.7	.8	.5	.0	.2	.4	.7	.6	.6	.5	.0	.0	.0	.0	.0	.0
335.	*	.6	.6	.6	.8	.7	.8	.3	.0	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.6	.6	.6	.8	.8	.8	.2	.1	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
345.	*	.6	.6	.6	.8	.7	.7	.2	.1	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.6	.6	.8	.7	.7	.3	.1	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
355.	*	.7	.6	.6	.8	.8	.7	.3	.2	.2	.3	.6	.6	.5	.5	.1	.0	.0	.0	.0	.0
360.	*	.7	.6	.6	.8	.8	.7	.3	.3	.2	.3	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
MAX	DEGR	40	45	35	35	25	15	10	245	275	290	245	245	250	250	220	70	70	140	135	140

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.0	.0	.0
10.	*	.0	.3	.2	.2	.0	.0	.0
15.	*	.0	.3	.2	.2	.0	.0	.0
20.	*	.0	.3	.2	.2	.0	.0	.0
25.	*	.0	.3	.2	.2	.0	.0	.0
30.	*	.0	.3	.2	.2	.1	.1	.0
35.	*	.0	.3	.2	.2	.1	.1	.0
40.	*	.0	.3	.2	.2	.2	.2	.1
45.	*	.0	.3	.2	.2	.3	.3	.2
50.	*	.0	.3	.2	.2	.5	.4	.1
55.	*	.0	.3	.2	.3	.7	.7	.6
60.	*	.0	.3	.3	.4	.8	.8	.8
65.	*	.0	.2	.3	.5	.8	.9	.9
70.	*	.0	.2	.4	.5	1.0	.8	.8
75.	*	.0	.3	.4	.5	.9	.8	.8
80.	*	.1	.3	.5	.5	.9	.7	.7
85.	*	.1	.4	.4	.6	.7	.8	.7
90.	*	.1	.2	.4	.5	.8	.8	.7
95.	*	.1	.2	.3	.5	.8	.8	.6
100.	*	.0	.3	.4	.5	.8	.7	.7
105.	*	.0	.2	.4	.5	.8	.8	.7
110.	*	.0	.2	.4	.5	.9	.8	.6
115.	*	.1	.3	.4	.6	.9	.7	.6
120.	*	.1	.3	.4	.6	.9	.7	.6
125.	*	.1	.3	.4	.7	.8	.6	.6
130.	*	.3	.2	.4	.7	.9	.6	.6
135.	*	.4	.2	.4	.6	.7	.6	.3

S34NB15A.OUT

```

140. * .4 .2 .2 .4 .7 .6 .6 .3
145. * .4 .2 .2 .3 .6 .6 .6 .3
150. * .6 .2 .2 .3 .6 .6 .6 .4
155. * .6 .2 .2 .3 .5 .6 .6 .4
160. * .6 .2 .2 .3 .5 .6 .5 .3
165. * .5 .1 .2 .3 .5 .6 .5 .3
170. * .4 .0 .2 .3 .5 .6 .6 .3
175. * .4 .0 .2 .3 .5 .6 .6 .4
180. * .3 .0 .2 .3 .6 .6 .6 .3
185. * .3 .0 .2 .3 .6 .6 .6 .3
190. * .3 .1 .2 .3 .6 .6 .6 .3
195. * .4 .1 .2 .3 .6 .7 .6 .3
200. * .4 .1 .1 .2 .6 .7 .6 .3
205. * .3 .1 .3 .3 .6 .7 .7 .4

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .0 .2 .4 .5 .8 .8 .5
215. * .2 .0 .1 .4 .6 .9 .8 .4
220. * .2 .0 .1 .3 .8 .9 .7 .4
225. * .2 .0 .0 .1 .8 .7 .7 .3
230. * .1 .0 .0 .1 .5 .7 .6 .2
235. * .1 .0 .0 .0 .4 .5 .5 .1
240. * .1 .0 .0 .0 .2 .4 .3 .0
245. * .1 .0 .0 .0 .1 .3 .3 .0
250. * .1 .0 .0 .0 .0 .1 .0 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .0 .0 .0
265. * .2 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .2 .0 .0 .0 .0 .0 .0 .0
290. * .2 .0 .0 .0 .0 .0 .0 .0
295. * .2 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .0 .1 .0 .0 .0
310. * .1 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .2 .2 .2 .0 .0 .0
320. * .0 .0 .3 .3 .2 .0 .0 .0
325. * .0 .0 .3 .3 .2 .0 .0 .0
330. * .0 .1 .3 .3 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .0 .3 .2 .2 .0 .0 .0
350. * .0 .0 .2 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .6 .4 .5 .7 1.0 .9 .9 .5
DEGR. * 150 85 80 125 70 65 65 210

```

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 35 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 245 DEGREES FROM REC11.
THE 3RD HIGHEST CONCENTRATION IS 1.00 PPM AT 40 DEGREES FROM REC1 .

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 8

DATE: 01/20/2007 TIME: 22:40:54.43

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 40 45 35 35 25 15 10 245 275 290 245 245 250 250 220 70 70 140 135 140
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .6 .7 .7 .6 .1 .1 .0 .0 .1 .2 .7 .6 .1 .2 .0 .0 .2 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .5 .0 .2 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34NB15A.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.2	.1	.0	.0
41	*	.2	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.2	.5	.6	.3	.2
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 9

LINK #	*	CO/LINK (PPM)		REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		ANGLE (DEGREES)	ANGLE (DEGREES)																	
		REC1	REC2	REC3																
		40	45	35	35	25	15	10	245	275	290	245	250	250	220	70	70	140	135	140
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1	.2
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		REC24	REC25	REC26	REC27	REC28
		ANGLE (DEGREES)	ANGLE (DEGREES)					
		REC21	REC22	REC23				
		150	85	80	125	70	65	210
1	*	.0	.0	.0	.0	.0	.0	.1
2	*	.0	.0	.0	.0	.0	.0	.1
3	*	.1	.0	.0	.1	.1	.1	.0
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.0	.1	.1	.0
41	*	.1	.0	.1	.2	.5	.6	.0
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34NB15A.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 150	REC22 85	REC23 80	REC24 125	REC25 70	REC26 65	REC27 65	REC28 210
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.3
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.0	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.1	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34NB15P.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT NB15 PM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	3650. 3.9	0. 44.	54
2	NB 15	AG191068.639999.191332.640193.	3650. 3.9	0. 44.	54
3	NB 15	AG191332.640193.191857.640571.	3650. 3.9	0. 44.	54
4	NB OFFRAMPAG	191857.640571.191960.640623.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	650. 2.9	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	650. 2.9	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	200. 2.9	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
135	113	4.0 200 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	450. 2.9	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
135	113	4.0 450 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	200. 2.9	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	200. 2.9	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	200. 2.9	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3250. 4.0	0. 44.	56
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.9	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.9	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.9	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.9	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.9	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.9	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
135	102	4.0 650 32.2 1680 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	250. 2.9	0. 32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	250. 2.9	0. 32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	250. 2.9	0. 32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	250. 2.9	0. 32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	250. 2.9	0. 32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	250. 2.9	0. 32.	30.0

S34NB15P.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	250. 2.9	0. 32. 30.0
31	NB 15 ON RAG192329.640883.192397.640944.	250. 2.9	0. 32. 30.0
31	NB 15 ON RAG192397.640944.192459.641017.	250. 2.9	0. 32. 30.0
40	SB 15 AG192414.641075.191866.640671.	3100. 4.0	0. 44. 56
41	SB 15 AG191866.640671.191396.640337.	3100. 4.0	0. 44. 56
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
65	49 4.0 50 32.2 1342 2 3		
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44. 30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
65	49 4.0 25 32.2 1583 2 3		
53	SB 15 AG191396.640337.191282.640244.	3100. 4.0	0. 44. 56
54	SB 15 AG191282.640244.190930.639988.	3100. 4.0	0. 44. 56
55	SB 15 AG190930.639988.190811.639884.	3675. 3.9	0. 44. 54
56	WB ROSEMONAG192403.639820.192097.640064.	650. 2.9	0. 44. 30
57	WB ROSEMONAG192097.640064.191916.640222.	650. 2.9	0. 44. 30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
135	104 4.0 650 32.2 1726 2 3		
59	WB ROSEMONAG191916.640222.191878.640271.	1575. 2.9	0. 44. 30
60	WB ROSEMONAG191878.640271.191817.640307.	1000. 2.9	0. 44. 30
61	WB ROSEMONAG191817.640307.191306.640792.	1000. 2.9	0. 44. 30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
65	38 4.0 1000 32.2 1746 2 3		
63	WB ROSEMONAG191306.640792.191144.640951.	900. 2.9	0. 44. 30
64	WB ROSEMONAG191144.640951.191046.641019.	900. 2.9	0. 44. 30
65	WB ROSEMONAG191046.641019.190888.641123.	900. 2.9	0. 44. 30
66	EB ROSEMONAG190873.641107.190977.641037.	1150. 2.9	0. 44. 30
67	SB 270 ONRAG190977.641037.191077.640931.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191077.640931.191137.640865.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191137.640865.191176.640783.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191176.640783.191178.640713.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191178.640713.191156.640575.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191156.640575.191108.640301.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191108.640301.191083.640220.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191083.640220.191038.640125.	750. 2.9	0. 32. 30
67	SB 270 ONRAG191038.640125.190930.639988.	750. 2.9	0. 32. 30
76	EB ROSE AG190977.641037.191115.640951.	625. 2.9	0. 44. 30
77	EB ROSE AG191115.640951.191305.640778.	625. 2.9	0. 44. 30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
65	38 4.0 625 32.2 1759 2 3		
79	EB ROSE AG191307.640777.191579.640509.	650. 2.9	0. 44. 30
80	EB ROSE AG191579.640509.191907.640207.	775. 2.9	0. 44. 30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
135	82 4.0 775 32.2 1712 2 3		
80	EB ROSE AG191907.640207.192388.639800.	675. 2.9	0. 44. 30
80	SB 15 AG190810.639884.190461.639523.	3675. 3.9	0. 44. 54
80	SB 15 AG190461.639524.190212.639214.	3675. 3.9	0. 44. 54
80	SB 15 AG190212.639214.190004.638912.	3675. 3.9	0. 44. 54
80	NB 15 AG190860.639817.190678.639647.	3650. 3.9	0. 44. 54

80		NB 15	AG190678.639647.190434.639378.	3650. 3.9	S34NB15P.DAT	0. 44.	54
1							
80		NB 15	AG190434.639378.190212.639090.	3650. 3.9		0. 44.	54
1							
80		NB 15	AG190212.639090.190063.638865.	3650. 3.9		0. 44.	54
1.0	0.4 1000. 0.0Y	5	0 72				

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:57:30.94

RUN: I 15 AND ROSEMONT NB15 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3650.	3.9	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3650.	3.9	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3650.	3.9	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192025.4	640360.6	*	157.	41. AG	72. 100.0	.0	12.0	.96	8.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	450.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194775.7	641054.8	*	2982.	75. AG	72. 100.0	.0	12.0	2.41	151.5
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.0	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189537.9	637506.9	*	3572.	221. AG	65. 100.0	.0	12.0	1.93	181.5
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	250.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	250.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	250.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	250.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	250.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	250.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	250.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	250.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	250.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3100.	4.0	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3100.	4.0	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:57:30.94

RUN: I 15 AND ROSEMONT NB15 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65. 100.0	.0	12.0	.24	.7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25. 2.9	.0	44.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130. 100.0	.0	24.0	.05	.2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.0	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.0	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3675.	3.9	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	650.	2.9	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	650.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192179.2	639992.7	*	305.	131. AG	133. 100.0	.0	24.0	1.02	15.5
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1575.	2.9	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1000.	2.9	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1000.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191421.5	640682.6	*	126.	133. AG	101. 100.0	.0	24.0	.89	6.4
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	900.	2.9	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	900.	2.9	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	900.	2.9	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1150.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	625.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	625.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191231.1	640845.7	*	65.	312. AG	101. 100.0	.0	24.0	.55	3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	775.	2.9	.0	44.0	

S34NB15P.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191739.2	640361.5	*	174.	313. AG	105. 100.0	.0 24.0	.65	8.8
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130. AG	675. 2.9	.0 44.0		
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224. AG	3675. 3.9	.0 44.0		
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219. AG	3675. 3.9	.0 44.0		
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215. AG	3675. 3.9	.0 44.0		
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227. AG	3650. 3.9	.0 44.0		
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222. AG	3650. 3.9	.0 44.0		
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218. AG	3650. 3.9	.0 44.0		
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214. AG	3650. 3.9	.0 44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:57:30.94

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12 NBOFFRAMP	* 135	113	4.0	200	1770	32.20	2	3
14. 14 NBOFFRAMP	* 135	113	4.0	450	1583	32.20	2	3
30. 30 NB 2ND ST	* 135	102	4.0	650	1680	32.20	2	3
50. 50 SB15 RAMP	* 65	49	4.0	50	1342	32.20	2	3
52. 52 SB15 RAMP	* 65	49	4.0	25	1583	32.20	2	3
58. 58 WB ROSE Q	* 135	104	4.0	650	1726	32.20	2	3
62. 62 WB ROSE Q	* 65	38	4.0	1000	1746	32.20	2	3
78. 78 eB ROSE Q	* 65	38	4.0	625	1759	32.20	2	3
81. 81 EB ROSE Q	* 135	82	4.0	775	1712	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .7	.7	.7	.9	.5	.7	.6	.3	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0	.0
5.	* .8	.8	.8	.9	.5	.7	.7	.3	.3	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0	.0
10.	* .8	.8	.8	.9	.5	.7	.8	.3	.3	.3	.8	.8	.7	.7	.1	.0	.0	.0	.0	.0	.0
15.	* .9	.8	.8	1.0	.5	.8	.7	.3	.2	.4	.8	.8	.6	.7	.1	.1	.0	.0	.0	.0	.0
20.	* .9	.9	.9	1.0	.6	.8	.6	.2	.2	.5	.8	.8	.7	.8	.1	.1	.0	.0	.0	.0	.0
25.	* .9	.9	.9	1.0	.7	.7	.6	.2	.2	.3	1.0	.9	.7	.8	.1	.1	.1	.0	.0	.0	.0
30.	* .9	1.0	1.0	1.2	.5	.7	.5	.1	.2	.3	1.0	.9	.7	.8	.2	.1	.1	.0	.0	.0	.0
35.	* 1.0	1.0	1.1	1.2	.5	.7	.5	.1	.2	.4	1.0	1.1	.8	.9	.3	.2	.1	.0	.0	.0	.0
40.	* 1.1	1.3	1.1	1.2	.6	.7	.5	.1	.2	.3	1.0	1.0	.8	.9	.4	.3	.3	.0	.0	.0	.0
45.	* 1.0	1.2	1.1	1.2	.5	.6	.5	.1	.3	1.1	.9	.7	.8	.5	.4	.3	.2	.0	.0	.0	.0
50.	* 1.1	1.1	1.1	1.1	.5	.6	.5	.1	.0	.2	.9	.9	.6	.7	.8	.6	.5	.3	.1	.0	.0
55.	* 1.0	.9	.9	.9	.5	.5	.5	.1	.0	.1	.8	.8	.5	.5	.9	.8	.7	.4	.1	.0	.0
60.	* .6	.7	.7	.7	.4	.5	.5	.1	.0	.0	.5	.5	.3	.4	.9	.9	.8	.5	.3	.1	.0
65.	* .4	.5	.5	.6	.4	.5	.5	.1	.0	.0	.4	.3	.2	.3	1.0	.9	1.0	.5	.3	.1	.0
70.	* .2	.3	.3	.4	.4	.5	.5	.1	.1	.0	.3	.2	.1	.2	1.0	.9	.9	.7	.3	.2	.0
75.	* .2	.3	.2	.3	.6	.6	.5	.1	.1	.1	.1	.1	.0	.1	.9	.9	.9	.7	.4	.2	.0
80.	* .2	.2	.2	.4	.6	.6	.5	.0	.1	.1	.1	.1	.0	.1	.9	.9	.9	.6	.4	.2	.0
85.	* .0	.3	.3	.4	.6	.6	.5	.0	.1	.1	.2	.2	.0	.0	.8	.8	.7	.6	.4	.3	.0
90.	* .0	.3	.3	.3	.6	.6	.5	.0	.1	.1	.2	.2	.1	.0	.8	.7	.7	.6	.4	.2	.0
95.	* .0	.2	.3	.3	.6	.6	.5	.0	.2	.1	.2	.1	.1	.0	.7	.7	.7	.6	.4	.2	.0
100.	* .0	.1	.2	.4	.7	.6	.5	.0	.2	.1	.1	.1	.0	.0	.7	.7	.8	.6	.3	.3	.0
105.	* .0	.1	.2	.3	.7	.5	.5	.0	.2	.1	.1	.1	.0	.0	.7	.7	.7	.6	.3	.2	.0
110.	* .0	.1	.2	.3	.6	.5	.4	.0	.2	.1	.0	.0	.0	.0	.7	.6	.6	.6	.3	.2	.0
115.	* .0	.0	.2	.3	.7	.5	.4	.1	.1	.1	.0	.0	.0	.0	.6	.6	.6	.5	.3	.2	.0
120.	* .0	.0	.1	.4	.5	.4	.4	.1	.3	.0	.1	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0

S34NB15P.OUT

125.	*	.0	.0	.0	.3	.5	.4	.3	.2	.2	.2	.3	.0	.0	.0	.6	.6	.6	.5	.3	.3
130.	*	.0	.0	.0	.3	.4	.3	.2	.4	.2	.3	.3	.0	.0	.0	.6	.6	.6	.5	.4	.3
135.	*	.0	.0	.0	.1	.4	.3	.2	.6	.2	.3	.4	.1	.0	.0	.6	.6	.6	.7	.4	.3
140.	*	.0	.0	.0	.1	.2	.2	.1	.7	.4	.4	.5	.1	.0	.0	.6	.6	.6	.7	.5	.4
145.	*	.0	.0	.0	.0	.1	.0	.0	.7	.4	.5	.5	.1	.0	.0	.6	.6	.6	.8	.5	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.4	.5	.1	.1	.0	.6	.6	.7	.8	.5	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.1	.0	.6	.6	.7	.7	.5	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.1	.0	.6	.6	.7	.7	.5	.4
165.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.0	.0	.6	.6	.7	.7	.4	.4
170.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.0	.0	.6	.6	.6	.7	.4	.4
175.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.2	.1	.0	.0	.7	.6	.6	.7	.4	.4
180.	*	.0	.1	.1	.0	.0	.1	.0	.6	.6	.5	.2	.1	.0	.0	.7	.7	.6	.8	.4	.4
185.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.2	.1	.1	.0	.7	.7	.7	.8	.4	.4
190.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.1	.0	.7	.7	.7	.7	.5	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.2	.1	.0	.8	.7	.7	.7	.4	.4
200.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.1	.0	.9	.8	.7	.7	.4	.4
205.	*	.1	.1	.1	.1	.1	.1	.0	.6	.5	.5	.3	.1	.1	.1	.9	.8	.8	.7	.4	.2

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.2	.1	.0	.1	.0	.6	.5	.5	.3	.1	.0	.1	.9	.8	.8	.7	.5	.3
215.	*	.2	.2	.2	.1	.0	.1	.0	.6	.5	.4	.4	.2	.1	.1	1.0	.9	.8	.8	.4	.2
220.	*	.3	.4	.3	.2	.0	.0	.1	.7	.4	.4	.5	.3	.1	.3	1.0	.9	.9	.7	.6	.3
225.	*	.5	.5	.5	.3	.0	.0	.1	.7	.4	.3	.6	.4	.2	.4	1.0	.9	.8	.8	.4	.2
230.	*	.6	.6	.7	.5	.0	.0	.1	.7	.4	.3	.8	.5	.4	.6	1.0	.8	.8	.8	.2	.2
235.	*	1.0	.8	.9	.8	.0	.0	.1	.7	.4	.4	1.1	.8	.5	.8	.8	.7	.7	.4	.1	.1
240.	*	1.0	.9	1.0	.9	.2	.0	.1	.7	.4	.5	1.2	1.0	.7	.8	.7	.5	.4	.2	.1	.1
245.	*	1.0	1.0	1.1	1.0	.3	.1	.1	.7	.4	.6	1.2	1.0	.7	1.0	.4	.3	.3	.2	.1	.1
250.	*	1.0	1.1	1.1	1.0	.4	.1	.1	.7	.6	.6	1.2	.9	.8	.9	.4	.2	.2	.1	.1	.2
255.	*	.9	1.0	1.1	.9	.3	.3	.1	.7	.6	.4	1.1	1.0	.8	.9	.2	.2	.1	.1	.1	.2
260.	*	.9	.9	.9	.9	.2	.2	.1	.7	.5	.5	1.1	.9	.8	.9	.1	.1	.1	.1	.1	.2
265.	*	.9	.9	.9	.8	.3	.1	.1	.7	.6	.5	1.1	.9	.8	.8	.1	.1	.1	.1	.1	.2
270.	*	.8	.8	.9	.8	.3	.1	.1	.6	.6	.5	1.0	.8	.7	.7	.1	.1	.0	.1	.2	.2
275.	*	.8	.7	.8	.8	.3	.1	.1	.7	.6	.5	1.0	.8	.7	.7	.1	.1	.0	.1	.2	.2
280.	*	.8	.8	.8	.7	.3	.2	.2	.7	.6	.5	1.0	.8	.7	.7	.1	.0	.0	.1	.2	.2
285.	*	.7	.7	.7	.7	.3	.2	.2	.6	.6	.5	1.0	.7	.7	.7	.1	.0	.0	.1	.2	.3
290.	*	.7	.7	.7	.7	.3	.2	.2	.6	.7	.6	1.0	.7	.7	.6	.1	.0	.0	.1	.2	.3
295.	*	.7	.6	.7	.7	.3	.2	.2	.6	.6	.6	1.0	.7	.6	.6	.1	.0	.0	.1	.2	.3
300.	*	.7	.7	.7	.6	.3	.2	.2	.6	.6	.6	1.0	.7	.6	.6	.0	.0	.0	.1	.2	.3
305.	*	.7	.7	.7	.6	.4	.3	.3	.6	.6	.6	.9	.7	.6	.6	.0	.0	.0	.1	.2	.2
310.	*	.7	.7	.7	.6	.5	.5	.3	.5	.5	.5	.9	.7	.6	.6	.0	.0	.0	.1	.2	.2
315.	*	.7	.7	.7	.7	.5	.5	.5	.4	.3	.4	.9	.7	.6	.6	.0	.0	.0	.1	.1	.2
320.	*	.7	.7	.7	.8	.5	.5	.5	.2	.3	.4	.8	.7	.6	.6	.0	.0	.0	.0	.1	.2
325.	*	.7	.7	.7	.9	.5	.6	.4	.3	.3	.4	.8	.7	.6	.6	.0	.0	.0	.0	.0	.1
330.	*	.7	.7	.7	.9	.5	.6	.4	.3	.2	.4	.8	.7	.6	.6	.0	.0	.0	.0	.0	.0
335.	*	.7	.7	.7	.9	.5	.7	.4	.2	.2	.3	.7	.7	.6	.6	.0	.0	.0	.0	.0	.0
340.	*	.6	.7	.7	.8	.5	.7	.3	.2	.2	.3	.7	.6	.6	.6	.0	.0	.0	.0	.0	.0
345.	*	.7	.7	.7	.8	.5	.7	.2	.2	.2	.3	.7	.6	.7	.6	.0	.0	.0	.0	.0	.0
350.	*	.7	.7	.7	.9	.5	.7	.3	.3	.2	.3	.7	.7	.5	.6	.0	.0	.0	.0	.0	.0
355.	*	.8	.7	.7	.9	.5	.7	.6	.3	.2	.3	.7	.7	.5	.6	.1	.0	.0	.0	.0	.0
360.	*	.7	.7	.7	.9	.5	.7	.6	.3	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0
MAX	DEGR	40	40	35	30	25	15	10	140	290	245	240	35	35	245	65	75	65	145	220	155

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.2	.2	.0	.0	.0
5.	*	.0	.1	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.0	.0	.0
25.	*	.0	.2	.2	.2	.0	.0	.0
30.	*	.0	.2	.2	.2	.1	.1	.0
35.	*	.0	.2	.2	.2	.1	.1	.0
40.	*	.0	.3	.2	.2	.2	.1	.0
45.	*	.0	.3	.2	.2	.3	.4	.0
50.	*	.0	.3	.2	.2	.5	.6	.1
55.	*	.0	.3	.2	.3	.6	.7	.2
60.	*	.0	.3	.3	.4	.7	.9	.5
65.	*	.0	.3	.4	.5	.9	.9	.4
70.	*	.0	.3	.4	.5	1.0	.8	.4
75.	*	.0	.4	.4	.5	.9	.9	.5
80.	*	.1	.4	.5	.6	1.0	.8	.5
85.	*	.2	.4	.4	.6	.9	.7	.4
90.	*	.2	.3	.4	.6	.8	.8	.5
95.	*	.2	.4	.5	.5	.8	.7	.5
100.	*	.1	.3	.4	.5	.8	.7	.4
105.	*	.0	.3	.4	.5	.8	.6	.4
110.	*	.1	.3	.4	.5	.8	.6	.4
115.	*	.1	.3	.4	.5	.8	.7	.4
120.	*	.1	.3	.4	.6	.8	.6	.4
125.	*	.2	.3	.4	.6	.8	.6	.3
130.	*	.4	.2	.4	.6	.8	.6	.3
135.	*	.4	.2	.4	.5	.7	.6	.3

S34NB15P.OUT

```

140. * .4 .2 .2 .3 .7 .6 .6 .3
145. * .5 .2 .2 .3 .7 .6 .6 .4
150. * .6 .2 .2 .3 .6 .6 .6 .4
155. * .6 .2 .2 .3 .5 .6 .6 .5
160. * .7 .2 .2 .3 .5 .6 .6 .3
165. * .7 .1 .2 .3 .5 .6 .6 .3
170. * .6 .1 .2 .3 .6 .6 .6 .3
175. * .6 .0 .2 .3 .6 .6 .6 .5
180. * .4 .0 .2 .3 .6 .6 .6 .4
185. * .4 .1 .2 .3 .6 .6 .6 .4
190. * .3 .2 .2 .3 .6 .7 .6 .4
195. * .3 .2 .2 .3 .6 .7 .7 .4
200. * .3 .1 .2 .2 .6 .7 .8 .3
205. * .3 .1 .3 .4 .7 .7 .7 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .0 .2 .4 .7 .9 .8 .4
215. * .2 .0 .1 .4 .7 .8 .9 .4
220. * .2 .0 .1 .3 .8 .9 .7 .4
225. * .2 .0 .0 .1 .8 .9 .7 .3
230. * .1 .0 .0 .1 .6 .7 .6 .2
235. * .1 .0 .0 .0 .4 .5 .5 .1
240. * .1 .0 .0 .0 .2 .4 .3 .0
245. * .1 .0 .0 .0 .1 .2 .3 .0
250. * .1 .0 .0 .0 .0 .1 .0 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .0 .0 .0
265. * .2 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .2 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .2 .0 .0 .1 .1 .0 .0 .0
310. * .1 .0 .2 .1 .1 .0 .0 .0
315. * .0 .0 .2 .3 .2 .0 .0 .0
320. * .0 .0 .3 .3 .2 .0 .0 .0
325. * .0 .1 .3 .3 .2 .0 .0 .0
330. * .0 .1 .3 .3 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .1 .3 .2 .2 .0 .0 .0
350. * .0 .0 .3 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .0 .2 .2 .2 .0 .0 .0
-----
MAX * .7 .4 .5 .6 1.0 .9 .9 .5
DEGR. * 160 75 80 80 70 60 65 60

```

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 40 DEGREES FROM REC2 .
THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 30 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 240 DEGREES FROM REC11.

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 8

DATE: 01/20/2007 TIME: 22:57:30.94

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # 40 40 35 30 25 15 10 140 290 245 240 35 35 245 65 75 65 145 220 155
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .1 .0
3 * .7 .9 .8 .7 .2 .1 .0 .0 .1 .1 .8 .6 .1 .2 .0 .0 .0 .2 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .0 .0 .1 .1 .0 .0 .0 .0 .2 .5 .6 .2 .2 .2 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34NB15P.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.2	.0	.8	.1	.2	.0	.0
41	*	.2	.2	.2	.2	.1	.0	.0	.0	.1	.0	.0	.1	.0	.2	.0	.6	.3	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 9

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)		REC4 30	REC5 25	REC6 15	REC7 10	REC8 140	REC9 290	REC10 245	REC11 240	REC12 35	REC13 35	REC14 245	REC15 65	REC16 75	REC17 65	REC18 145	REC19 220	REC20 155
		REC1 40	REC2 40	REC3 35	REC1 40																	
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 10

DATE: 01/20/2007 TIME: 22:57:30.94

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		ANGLE (DEGREES)		REC24 80	REC25 70	REC26 60	REC27 65	REC28 60
		REC21 160	REC22 75	REC23 80	REC21 160					
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.1	.1	.1	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.1	.1	.1	.1	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.0	.1	.1	.1
41	*	.1	.0	.1	.2	.5	.6	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34NB15P.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB15 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 160	REC22 75	REC23 80	REC24 80	REC25 70	REC26 60	REC27 65	REC28 60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.1	.0	.0
62	*	.3	.2	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B115A.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B115 AM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	2900.4.2	0.44.	59
2	NB 15	AG191068.639999.191332.640193.	2900.4.2	0.44.	50.4
3	NB 15	AG191332.640193.191857.640571.	2900.4.2	0.44.	50.4
4	NB OFFRAMPAG	191857.640571.191960.640623.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	550.2.9	0.32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	550.2.9	0.32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	175.2.9	0.32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0.12.	1	
105	84	4.0 175 32.2 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	375.2.9	0.32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0.12.	1	
105	84	4.0 375 32.2 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	600.2.9	0.32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	600.2.9	0.32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	600.2.9	0.32.	30.0
23	NB 15	AG191857.640571.192459.641017.	2500.4.2	0.44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	225.2.9	0.32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	225.2.9	0.32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0.12.	1	
105	87	4.0 225 32.2 1681 2 3			
31	NB 15 ON RAG	191934.640223.191986.640270.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	191986.640270.192132.640439.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192132.640439.192165.640514.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192165.640514.192184.640621.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192184.640621.192226.640733.	150.2.9	0.32.	30.0
31	NB 15 ON RAG	192226.640733.192290.640837.	150.2.9	0.32.	30.0

S34B115A.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	150. 2.9	0. 32. 30.0
31	NB 15 ON RAG192329.640883.192397.640944.	150. 2.9	0. 32. 30.0
31	NB 15 ON RAG192397.640944.192459.641017.	150. 2.9	0. 32. 30.0
40	SB 15 AG192414.641075.191866.640671.	3500. 4.2	0. 44. 59
41	SB 15 AG191866.640671.191396.640337.	3500. 4.2	0. 44. 59
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32. 30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
60	45 4.0 50 32.2 1308 2 3		
51	SB 15 OFFRAG191246.640695.191341.640730.	50. 2.9	0. 44. 30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
60	45 4.0 50 32.2 1583 2 3		
53	SB 15 AG191396.640337.191282.640244.	3400. 4.2	0. 44. 59
54	SB 15 AG191282.640244.190930.639988.	3400. 4.2	0. 44. 59
55	SB 15 AG190930.639988.190811.639884.	4100. 4.2	0. 44. 59
56	WB ROSEMONAG192403.639820.192097.640064.	300. 2.9	0. 44. 30
57	WB ROSEMONAG192097.640064.191916.640222.	300. 2.9	0. 44. 30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
105	83 4.0 300 32.2 1719 2 3		
59	WB ROSEMONAG191916.640222.191878.640271.	750. 2.9	0. 44. 30
60	WB ROSEMONAG191878.640271.191817.640307.	750. 2.9	0. 44. 30
61	WB ROSEMONAG191817.640307.191306.640792.	750. 2.9	0. 44. 30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
60	38 4.0 750 32.2 1726 2 3		
63	WB ROSEMONAG191306.640792.191144.640951.	675. 2.9	0. 44. 30
64	WB ROSEMONAG191144.640951.191046.641019.	675. 2.9	0. 44. 30
65	WB ROSEMONAG191046.641019.190888.641123.	675. 2.9	0. 44. 30
66	EB ROSEMONAG190873.641107.190977.641037.	1300. 2.9	0. 44. 30
67	SB 270 ONRAG190977.641037.191077.640931.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191077.640931.191137.640865.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191137.640865.191176.640783.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191176.640783.191178.640713.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191178.640713.191156.640575.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191156.640575.191108.640301.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191108.640301.191083.640220.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191083.640220.191038.640125.	700. 2.9	0. 32. 30
67	SB 270 ONRAG191038.640125.190930.639988.	700. 2.9	0. 32. 30
76	EB ROSE AG190977.641037.191115.640951.	650. 2.9	0. 44. 30
77	EB ROSE AG191115.640951.191305.640778.	650. 2.9	0. 44. 30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
60	31 4.0 650 32.2 1763 2 3		
79	EB ROSE AG191307.640777.191579.640509.	700. 2.9	0. 44. 30
80	EB ROSE AG191579.640509.191907.640207.	1225. 2.9	0. 44. 30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
105	57 4.0 1225 32.2 1716 2 3		
80	EB ROSE AG191907.640207.192388.639800.	750. 2.9	0. 44. 30
80	SB 15 AG190810.639884.190461.639523.	4100. 4.2	0. 44. 59
80	SB 15 AG190461.639524.190212.639214.	4100. 4.2	0. 44. 59
80	SB 15 AG190212.639214.190004.638912.	4100. 4.2	0. 44. 59
80	NB 15 AG190860.639817.190678.639647.	2900. 4.2	0. 44. 59

80		NB 15	AG190678.639647.190434.639378.	2900. 4.2	S34B115A.DAT	0. 44.	59
1							
80		NB 15	AG190434.639378.190212.639090.	2900. 4.2		0. 44.	59
1							
80		NB 15	AG190212.639090.190063.638865.	2900. 4.2		0. 44.	59
1.0	0.4 1000. 0.0Y		5 0 72				

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:26:26.00

RUN: I 15 AND ROSEMONT B115 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2900.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2900.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2900.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	550.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	550.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	550.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	550.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	550.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	550.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	550.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69.	100.0	.0	12.0	.69 4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69.	100.0	.0	12.0	1.66 87.8
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2500.	4.2	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	150.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	150.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	150.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	150.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	150.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	150.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	150.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	150.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	150.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3500.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3500.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:26:26.00

RUN: I 15 AND ROSEMONT B115 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.7	640736.1	*	12.	216. AG	65.	100.0	.0	12.0	.26 .6
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191322.2	640722.9	*	6.	250. AG	130.	100.0	.0	24.0	.11 .3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3400.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3400.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4100.	4.2	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137.	100.0	.0	24.0	.57 3.5
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	750.	2.9	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109.	100.0	.0	24.0	.82 4.3
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	675.	2.9	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	675.	2.9	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	675.	2.9	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1300.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191238.3	640839.2	*	55.	312. AG	89.	100.0	.0	24.0	.48 2.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S34B115A.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313.	AG	94.	100.0	.0	24.0	.89	10.4
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	750.	2.9	.0	44.0		
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4100.	4.2	.0	44.0		
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4100.	4.2	.0	44.0		
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4100.	4.2	.0	44.0		
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	2900.	4.2	.0	44.0		
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	2900.	4.2	.0	44.0		
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	2900.	4.2	.0	44.0		
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	2900.	4.2	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:26:26.00

RUN: I 15 AND ROSEMONT B115 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	84	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP	* 105	84	4.0	375	1583	32.20	2 3
30. 30	NB 2ND ST	* 105	87	4.0	225	1681	32.20	2 3
50. 50	SB15 RAMP	* 60	45	4.0	50	1308	32.20	2 3
52. 52	SB15 RAMP	* 60	45	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q	* 105	83	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q	* 60	38	4.0	750	1726	32.20	2 3
78. 78	eB ROSE Q	* 60	31	4.0	650	1763	32.20	2 3
81. 81	EB ROSE Q	* 105	57	4.0	1225	1716	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .7	.7	.7	.8	.7	.7	.4	.3	.2	.3	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
5.	* .7	.7	.7	.8	.7	.7	.5	.3	.3	.3	.7	.7	.6	.6	.1	.1	.0	.0	.0	.0
10.	* .8	.7	.7	.9	.7	.7	.6	.3	.3	.3	.7	.7	.6	.6	.1	.1	.0	.0	.0	.0
15.	* .8	.7	.7	.9	.7	.9	.6	.3	.2	.4	.7	.8	.7	.6	.1	.1	.0	.0	.0	.0
20.	* .8	.8	.8	.8	.9	.7	.7	.3	.2	.4	.7	.8	.6	.7	.1	.1	.0	.0	.0	.0
25.	* .8	.8	.8	.8	.9	.7	.5	.1	.2	.4	.9	.8	.6	.7	.2	.1	.1	.0	.0	.0
30.	* 1.0	.9	.8	1.0	.9	.7	.5	.1	.2	.3	.9	.9	.7	.7	.2	.1	.1	.0	.0	.0
35.	* .9	1.0	1.0	1.1	.8	.7	.5	.1	.2	.3	.9	.9	.7	.8	.3	.2	.1	.0	.0	.0
40.	* 1.0	1.0	1.1	1.0	.8	.7	.5	.1	.2	.2	1.0	.9	.7	.8	.5	.3	.3	.1	.0	.0
45.	* 1.1	1.0	1.0	1.0	.7	.6	.5	.1	.1	.2	1.0	.9	.6	.7	.6	.5	.4	.2	.0	.0
50.	* .9	1.0	1.0	.9	.7	.4	.4	.1	.0	.2	.8	.7	.5	.6	.8	.7	.7	.3	.1	.0
55.	* .7	.9	.8	.7	.6	.4	.4	.1	.0	.1	.6	.6	.4	.5	1.0	.9	.8	.5	.1	.0
60.	* .5	.6	.6	.5	.5	.4	.4	.1	.0	.0	.5	.6	.2	.3	1.1	1.0	.9	.6	.3	.1
65.	* .4	.4	.5	.4	.5	.4	.4	.1	.0	.0	.3	.3	.1	.2	1.1	1.1	1.0	.6	.3	.1
70.	* .2	.3	.2	.2	.5	.5	.2	.1	.1	.0	.2	.2	.1	.1	1.1	1.0	1.0	.7	.3	.2
75.	* .1	.3	.2	.3	.5	.5	.2	.0	.1	.0	.1	.1	.0	.1	1.1	1.1	1.0	.8	.4	.2
80.	* .1	.3	.2	.3	.6	.5	.2	.0	.1	.1	.1	.1	.0	.1	1.0	1.0	.8	.7	.4	.3
85.	* .0	.3	.4	.3	.6	.5	.2	.0	.1	.1	.1	.1	.0	.0	.9	.9	.8	.7	.3	.3
90.	* .0	.3	.4	.4	.6	.5	.1	.0	.1	.1	.2	.0	.0	.0	.9	.8	.8	.6	.4	.3
95.	* .0	.2	.4	.4	.7	.5	.1	.0	.1	.1	.1	.0	.0	.0	.8	.8	.8	.6	.3	.2
100.	* .0	.1	.2	.4	.7	.6	.1	.0	.1	.1	.1	.0	.0	.0	.8	.7	.7	.7	.3	.1
105.	* .0	.1	.2	.4	.7	.5	.1	.0	.1	.1	.1	.0	.0	.0	.8	.7	.7	.6	.3	.2
110.	* .0	.0	.1	.3	.6	.5	.1	.0	.1	.1	.0	.0	.0	.0	.7	.7	.7	.6	.3	.2
115.	* .0	.0	.1	.3	.5	.4	.1	.0	.1	.1	.0	.0	.0	.0	.7	.7	.7	.6	.3	.2
120.	* .0	.0	.0	.3	.5	.3	.1	.0	.1	.0	.1	.0	.0	.0	.7	.7	.7	.6	.3	.2

S34B115A.OUT

125.	*	.0	.0	.0	.3	.5	.3	.1	.0	.1	.0	.2	.0	.0	.0	.7	.6	.7	.6	.3	.3
130.	*	.0	.0	.0	.2	.3	.2	.1	.0	.1	.2	.3	.0	.0	.0	.7	.6	.7	.6	.3	.3
135.	*	.0	.0	.0	.2	.2	.2	.1	.1	.2	.3	.3	.0	.0	.0	.7	.7	.7	.7	.6	.3
140.	*	.0	.0	.0	.1	.2	.1	.1	.1	.4	.3	.4	.0	.0	.0	.7	.7	.7	.9	.6	.4
145.	*	.0	.0	.0	.0	.2	.0	.0	.1	.3	.4	.4	.0	.0	.0	.7	.7	.7	.9	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.0	.0	.0	.7	.7	.8	.9	.5	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.0	.0	.7	.7	.8	.9	.5	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.1	.0	.0	.7	.7	.8	.8	.5	.4
165.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.4	.4	.1	.0	.0	.7	.7	.8	.8	.5	.4
170.	*	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.3	.1	.0	.0	.7	.8	.8	.8	.5	.4
175.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.3	.1	.0	.0	.7	.8	.7	.8	.4	.4
180.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.3	.1	.0	.0	.8	.8	.7	.8	.4	.4
185.	*	.0	.1	.1	.0	.0	.1	.0	.2	.5	.4	.3	.1	.1	.0	.8	.8	.7	.8	.4	.4
190.	*	.1	.1	.1	.0	.0	.1	.0	.3	.5	.4	.2	.1	.1	.0	.8	.8	.8	.9	.4	.4
195.	*	.1	.1	.1	.0	.0	.0	.0	.3	.5	.4	.2	.1	.1	.0	.8	.8	.8	.9	.4	.4
200.	*	.1	.1	.1	.0	.0	.0	.0	.3	.3	.4	.3	.2	.1	.0	.9	.9	.8	.9	.4	.5
205.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.4	.3	.2	.1	.0	1.0	.9	.9	.9	.4	.4

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 5

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.4	.3	.1	.1	.1	1.0	1.0	.9	.9	.4	.4
215.	*	.2	.2	.2	.1	.0	.0	.0	.4	.3	.4	.3	.1	.1	.1	1.2	1.0	1.0	.8	.7	.3
220.	*	.2	.2	.3	.2	.0	.0	.0	.5	.4	.4	.4	.2	.1	.2	1.1	1.1	.9	1.0	.5	.3
225.	*	.5	.4	.5	.3	.0	.0	.0	.5	.4	.4	.5	.3	.2	.3	1.1	.9	1.0	.9	.4	.3
230.	*	.7	.7	.7	.5	.0	.0	.1	.6	.4	.4	.7	.5	.3	.5	1.1	1.0	.9	.6	.3	.2
235.	*	.9	.8	.8	.7	.0	.0	.1	.6	.4	.5	1.0	.7	.5	.7	1.0	.9	.7	.5	.2	.2
240.	*	.9	.8	.9	.8	.3	.0	.1	.6	.4	.5	1.2	.9	.7	.7	.7	.6	.4	.4	.1	.2
245.	*	1.0	.9	1.0	.9	.3	.0	.1	.6	.4	.7	1.2	.9	.7	.8	.6	.4	.3	.2	.1	.2
250.	*	.9	1.0	.9	.9	.3	.2	.1	.6	.6	.7	1.2	.9	.8	.8	.4	.3	.2	.1	.1	.2
255.	*	.8	.8	1.0	.9	.3	.3	.1	.6	.6	.7	1.0	.8	.7	.8	.3	.2	.1	.1	.2	.2
260.	*	.8	.8	.9	.9	.4	.2	.1	.6	.6	.7	1.0	.8	.7	.8	.2	.1	.1	.1	.2	.2
265.	*	.8	.9	.8	.7	.4	.2	.1	.6	.5	.6	1.0	.8	.7	.8	.1	.1	.1	.1	.2	.2
270.	*	.7	.8	.9	.7	.3	.1	.1	.6	.6	.6	.9	.7	.7	.6	.1	.1	.0	.1	.2	.2
275.	*	.7	.7	.7	.7	.3	.2	.1	.5	.6	.6	.9	.7	.6	.7	.1	.1	.0	.1	.2	.2
280.	*	.7	.7	.7	.7	.3	.2	.1	.6	.6	.6	.9	.7	.6	.7	.1	.1	.0	.2	.2	.2
285.	*	.7	.7	.7	.6	.3	.2	.2	.6	.6	.5	.9	.7	.6	.6	.1	.1	.0	.2	.2	.2
290.	*	.6	.6	.6	.6	.3	.2	.2	.6	.6	.5	.8	.6	.6	.6	.1	.0	.0	.2	.2	.2
295.	*	.6	.7	.6	.6	.3	.2	.2	.7	.6	.5	.8	.6	.6	.5	.1	.0	.0	.2	.2	.3
300.	*	.6	.6	.6	.6	.4	.3	.3	.6	.5	.5	.8	.6	.6	.5	.1	.0	.0	.1	.2	.3
305.	*	.6	.6	.6	.6	.4	.4	.5	.6	.5	.5	.8	.6	.6	.5	.0	.0	.0	.1	.1	.3
310.	*	.6	.6	.6	.6	.4	.4	.5	.5	.5	.5	.8	.6	.6	.5	.0	.0	.0	.1	.1	.2
315.	*	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.7	.6	.6	.5	.0	.0	.0	.0	.1	.2
320.	*	.7	.6	.6	.7	.6	.7	.5	.2	.3	.4	.7	.6	.6	.6	.0	.0	.0	.0	.0	.1
325.	*	.6	.6	.6	.8	.6	.7	.5	.2	.3	.4	.7	.6	.6	.6	.0	.0	.0	.0	.0	.0
330.	*	.6	.6	.6	.8	.7	.8	.5	.2	.2	.3	.7	.6	.6	.5	.0	.0	.0	.0	.0	.0
335.	*	.6	.6	.6	.8	.7	.8	.4	.1	.2	.3	.6	.6	.6	.5	.0	.0	.0	.0	.0	.0
340.	*	.7	.6	.6	.8	.7	.8	.3	.1	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
345.	*	.6	.6	.6	.8	.7	.8	.2	.1	.2	.3	.6	.6	.6	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.6	.6	.8	.8	.7	.3	.1	.2	.3	.6	.6	.6	.5	.1	.0	.0	.0	.0	.0
355.	*	.7	.6	.6	.8	.7	.7	.3	.3	.2	.3	.6	.6	.6	.7	.1	.0	.0	.0	.0	.0
360.	*	.7	.7	.7	.8	.7	.7	.4	.3	.2	.3	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
MAX DEGR.	*	45	35	40	35	20	15	20	295	250	245	240	30	250	35	215	65	65	220	215	200

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	*	.0	.1	.2	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.2	.0	.0	.0
25.	*	.0	.2	.2	.2	.2	.1	.0	.0
30.	*	.0	.3	.2	.2	.2	.1	.1	.0
35.	*	.0	.3	.2	.2	.2	.1	.1	.0
40.	*	.0	.2	.2	.2	.3	.2	.2	.0
45.	*	.0	.2	.2	.2	.4	.4	.4	.1
50.	*	.0	.2	.2	.3	.5	.5	.5	.1
55.	*	.0	.2	.2	.3	.7	.8	.7	.3
60.	*	.0	.2	.3	.5	.8	1.0	.9	.4
65.	*	.0	.1	.3	.5	.9	1.0	1.0	.5
70.	*	.0	.2	.4	.5	1.1	1.1	.9	.5
75.	*	.1	.2	.5	.6	1.0	.9	.9	.4
80.	*	.1	.2	.5	.6	1.0	.9	.9	.4
85.	*	.1	.3	.5	.6	1.0	.9	.8	.5
90.	*	.1	.3	.4	.5	.9	.9	.8	.4
95.	*	.1	.2	.3	.5	.9	.9	.8	.4
100.	*	.1	.2	.4	.5	.9	.9	.7	.3
105.	*	.0	.3	.4	.5	1.0	.8	.7	.3
110.	*	.1	.3	.4	.6	.9	.9	.7	.3
115.	*	.1	.4	.4	.6	.9	.8	.7	.3
120.	*	.1	.2	.4	.6	1.0	.8	.6	.3
125.	*	.1	.2	.5	.6	1.0	.7	.6	.3
130.	*	.3	.2	.5	.6	.9	.7	.6	.3
135.	*	.4	.2	.3	.5	.9	.7	.7	.3

S34B115A.OUT

```

140. * .4 .2 .3 .4 .7 .7 .7 .3
145. * .5 .2 .2 .3 .7 .7 .7 .3
150. * .6 .2 .2 .3 .7 .7 .7 .4
155. * .6 .2 .2 .3 .6 .7 .7 .4
160. * .6 .2 .2 .3 .6 .6 .6 .3
165. * .7 .2 .2 .3 .6 .6 .6 .3
170. * .7 .0 .2 .3 .6 .7 .6 .3
175. * .5 .0 .2 .3 .6 .7 .7 .4
180. * .5 .0 .2 .3 .6 .7 .7 .3
185. * .4 .0 .2 .3 .7 .7 .7 .3
190. * .4 .1 .3 .3 .7 .7 .7 .3
195. * .5 .1 .3 .3 .7 .8 .8 .4
200. * .5 .1 .2 .3 .7 .8 .8 .4
205. * .5 .1 .3 .3 .7 .8 .8 .4

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .0 .2 .5 .6 .9 1.0 .5
215. * .2 .0 .1 .4 .9 1.0 .9 .5
220. * .2 .0 .1 .4 .9 1.0 .8 .4
225. * .2 .0 .1 .2 .8 .8 .8 .3
230. * .2 .0 .0 .1 .7 .8 .8 .2
235. * .1 .0 .0 .1 .5 .6 .5 .1
240. * .1 .0 .0 .0 .4 .5 .3 .0
245. * .1 .0 .0 .0 .1 .4 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .0 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .1 .0 .0
265. * .0 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .1 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .1 .1 .0 .0 .0
310. * .0 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .2 .1 .1 .0 .0 .0
320. * .0 .0 .2 .2 .2 .0 .0 .0
325. * .0 .0 .3 .2 .2 .0 .0 .0
330. * .0 .0 .3 .2 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .0 .2 .2 .2 .0 .0 .0
350. * .0 .0 .2 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .7 .4 .5 .6 1.1 1.1 1.0 .5
DEGR. * 165 115 75 75 70 70 65 65

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 240 DEGREES FROM REC11.
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 35 DEGREES FROM REC4 .

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 8

DATE: 01/20/2007 TIME: 22:26:26.00

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .1 .1
3 * .6 .7 .7 .6 .2 .1 .0 .1 .1 .1 .7 .5 .6 .0 .2 .0 .0 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .1 .1 .0 .1 .1 .0 .0 .0 .0 .1 .0 .6 .1 .2 .1 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B115A.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.0	.2	.7	.3	.2	.0	.0	.0
41	*	.2	.2	.2	.2	.1	.1	.0	.1	.0	.0	.1	.1	.2	.0	.2	.6	.7	.5	.2
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 35	REC3 40	REC4 35	REC5 20	REC6 15	REC7 20	REC8 295	REC9 250	REC10 245	REC11 240	REC12 30	REC13 250	REC14 35	REC15 215	REC16 65	REC17 65	REC18 220	REC19 215	REC20 200
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
80	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 01/20/2007 TIME: 22:26:26.00

RUN: I 15 AND ROSEMONT B115 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 165	REC22 115	REC23 75	REC24 75	REC25 70	REC26 70	REC27 65	REC28 65
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.1	.0	.0	.1	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.1	.1	.1	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.1	.1	.1	.1	.1
41	*	.1	.1	.1	.2	.6	.8	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B115A.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 165	REC22 115	REC23 75	REC24 75	REC25 70	REC26 70	REC27 65	REC28 65
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.1	.0	.0
62	*	.3	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B115P.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1	US15 NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B115 PM		89	1	1

1					
1	NB 15	AG190860.639818.191068.639999.	3850.4.2	0.44.	59
2					
1	NB 15	AG191068.639999.191332.640193.	3850.4.2	0.44.	50.4
3					
1	NB 15	AG191332.640193.191857.640571.	3850.4.2	0.44.	50.4
4					
1	NB OFFRAMPAG191857.640571.191960.640623.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG191960.640623.192030.640626.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG192030.640626.192088.640593.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG192088.640593.192120.640535.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG192120.640535.192120.640486.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG192120.640486.192104.640441.	675.2.9	0.32.	30.0	
4					
1	NB OFFRAMPAG192104.640441.191970.640296.	675.2.9	0.32.	30.0	
11					
2	NB OFFRAMPAG191970.640296.191905.640219.	200.2.9	0.32.	30.0	
12					
145	NBOFFRAMP AG191923.640241.191947.640269.	0.12.	1		
	123 4.0 200 32.2 1770 2 3				
14					
2	NB OFFRAMPAG191970.640296.191878.640271.	475.2.9	0.32.	30.0	
14					
65	NBOFFRAMP AG191897.640277.191934.640287.	0.12.	1		
	123 4.0 475 32.2 1583 2 3				
15					
1	SB 2ND ST AG191905.640219.191845.640144.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191845.640144.191808.640099.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191808.640099.191790.640058.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191790.640058.191779.640011.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191779.640011.191779.639965.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191779.639965.191789.639884.	200.2.9	0.32.	30.0	
15					
1	SB 2ND ST AG191789.639884.191805.639773.	200.2.9	0.32.	30.0	
22					
1	SB 2ND ST AG191805.639773.191855.639481.	200.2.9	0.32.	30.0	
23					
1	NB 15 AG191857.640571.192459.641017.	3475.4.2	0.44.	59	
24					
1	NB 2ND ST AG191873.639485.191811.639835.	650.2.9	0.32.	30.0	
24					
1	NB 2ND ST AG191811.639835.191805.639914.	650.2.9	0.32.	30.0	
24					
1	NB 2ND ST AG191805.639914.191797.639982.	650.2.9	0.32.	30.0	
24					
1	NB 2ND ST AG191797.639982.191809.640061.	650.2.9	0.32.	30.0	
24					
1	NB 2ND ST AG191809.640061.191837.640112.	650.2.9	0.32.	30.0	
24					
2	NB 2ND ST AG191837.640112.191934.640223.	650.2.9	0.32.	30.0	
30					
145	NB 2ND ST AG191902.640185.191872.640151.	0.12.	1		
	111 4.0 650 32.2 1681 2 3				
31					
1	NB 15 ON RAG191934.640223.191986.640270.	300.2.9	0.32.	30.0	
31					
1	NB 15 ON RAG191986.640270.192132.640439.	300.2.9	0.32.	30.0	
31					
1	NB 15 ON RAG192132.640439.192165.640514.	300.2.9	0.32.	30.0	
31					
1	NB 15 ON RAG192165.640514.192184.640621.	300.2.9	0.32.	30.0	
31					
1	NB 15 ON RAG192184.640621.192226.640733.	300.2.9	0.32.	30.0	
31					
1	NB 15 ON RAG192226.640733.192290.640837.	300.2.9	0.32.	30.0	

S34B115P.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	300. 2.9	0. 32. 30.0
1			
31	NB 15 ON RAG192329.640883.192397.640944.	300. 2.9	0. 32. 30.0
1			
31	NB 15 ON RAG192397.640944.192459.641017.	300. 2.9	0. 32. 30.0
1			
40	SB 15 AG192414.641075.191866.640671.	3175. 4.2	0. 44. 59
1			
41	SB 15 AG191866.640671.191396.640337.	3175. 4.2	0. 44. 59
1			
42	SB 15 OFFRAG191396.640337.191304.640300.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191304.640300.191225.640317.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191225.640317.191185.640352.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191185.640352.191163.640405.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191163.640405.191169.640531.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191169.640531.191199.640621.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191199.640621.191246.640695.	75. 2.9	0. 32. 30.0
1			
42	SB 15 OFFRAG191246.640695.191307.640777.	50. 2.9	0. 32. 30.0
2			
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
65	49 4.0 50 32.2 1342 2 3		
1			
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44. 30.0
2			
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
65	49 4.0 25 32.2 1583 2 3		
1			
53	SB 15 AG191396.640337.191282.640244.	3100. 4.2	0. 44. 59
1			
54	SB 15 AG191282.640244.190930.639988.	3100. 4.2	0. 44. 59
1			
55	SB 15 AG190930.639988.190811.639884.	3775. 4.2	0. 44. 59
1			
56	WB ROSEMONAG192403.639820.192097.640064.	675. 2.9	0. 44. 30
1			
57	WB ROSEMONAG192097.640064.191916.640222.	675. 2.9	0. 44. 30
2			
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
145	112 4.0 675 32.2 1718 2 3		
1			
59	WB ROSEMONAG191916.640222.191878.640271.	1600. 2.9	0. 44. 30
1			
60	WB ROSEMONAG191878.640271.191817.640307.	1600. 2.9	0. 44. 30
1			
61	WB ROSEMONAG191817.640307.191306.640792.	1025. 2.9	0. 44. 30
2			
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
65	38 4.0 1025 32.2 1746 2 3		
1			
63	WB ROSEMONAG191306.640792.191144.640951.	925. 2.9	0. 44. 30
1			
64	WB ROSEMONAG191144.640951.191046.641019.	925. 2.9	0. 44. 30
1			
65	WB ROSEMONAG191046.641019.190888.641123.	925. 2.9	0. 44. 30
1			
66	EB ROSEMONAG190873.641107.190977.641037.	1250. 2.9	0. 44. 30
1			
67	SB 270 ONRAG190977.641037.191077.640931.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191077.640931.191137.640865.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191137.640865.191176.640783.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191176.640783.191178.640713.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191178.640713.191156.640575.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191156.640575.191108.640301.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191108.640301.191083.640220.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191083.640220.191038.640125.	675. 2.9	0. 32. 30
1			
67	SB 270 ONRAG191038.640125.190930.639988.	675. 2.9	0. 32. 30
1			
76	EB ROSE AG190977.641037.191115.640951.	700. 2.9	0. 44. 30
1			
77	EB ROSE AG191115.640951.191305.640778.	700. 2.9	0. 44. 30
2			
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
65	37 4.0 700 32.2 1760 2 3		
1			
79	EB ROSE AG191307.640777.191579.640509.	725. 2.9	0. 44. 30
1			
80	EB ROSE AG191579.640509.191907.640207.	850. 2.9	0. 44. 30
2			
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
145	85 4.0 850 32.2 1711 2 3		
1			
80	EB ROSE AG191907.640207.192388.639800.	800. 2.9	0. 44. 30
1			
80	SB 15 AG190810.639884.190461.639523.	3775. 4.2	0. 44. 59
1			
80	SB 15 AG190461.639524.190212.639214.	3775. 4.2	0. 44. 59
1			
80	SB 15 AG190212.639214.190004.638912.	3775. 4.2	0. 44. 59
1			
80	NB 15 AG190860.639817.190678.639647.	3850. 4.2	0. 44. 59
1			

80		NB 15	AG190678.639647.190434.639378.	3850. 4.2	S34B115P.DAT	0. 44.	59
1							
80		NB 15	AG190434.639378.190212.639090.	3850. 4.2		0. 44.	59
1							
80		NB 15	AG190212.639090.190063.638865.	3850. 4.2		0. 44.	59
1.0	0.4 1000. 0.0Y	5	0 72				

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:34:04.69

RUN: I 15 AND ROSEMONT B115 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3850.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3850.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3850.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73.	100.0	.0	12.0	1.03 11.8
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	192387.9	640409.6	*	509.	75. AG	163.	100.0	.0	12.0	-.30 25.8
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.9	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.9	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.9	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.9	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.9	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.9	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.9	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3475.	4.2	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	189438.5	637394.2	*	3723.	221. AG	66.	100.0	.0	12.0	2.01 189.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	300.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	300.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	300.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	300.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	300.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	300.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	300.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	300.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	300.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	75.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	75.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	75.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:34:04.69

RUN: I 15 AND ROSEMONT B115 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	75.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	75.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	75.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	75.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	50.	2.9	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191276.1	640735.2	*	13.	216. AG	65.	100.0	.0	12.0	.24 .7
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191325.0	640723.9	*	3.	250. AG	130.	100.0	.0	24.0	.05 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3100.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3100.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3775.	4.2	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	675.	2.9	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	675.	2.9	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192285.4	639900.3	*	446.	131. AG	133.	100.0	.0	24.0	1.06 22.7
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1600.	2.9	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1600.	2.9	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1025.	2.9	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191428.9	640675.6	*	136.	133. AG	101.	100.0	.0	24.0	.91 6.9
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	925.	2.9	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	925.	2.9	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	925.	2.9	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1250.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	675.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	675.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	675.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	675.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	675.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	675.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	675.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	675.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	675.	2.9	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191226.7	640849.7	*	71.	312. AG	98.	100.0	.0	24.0	.59 3.6
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.9	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9	.0	44.0	

S34B115P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	* 198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130.	AG	800.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224.	AG	3775.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219.	AG	3775.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215.	AG	3775.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227.	AG	3850.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222.	AG	3850.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218.	AG	3850.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214.	AG	3850.	4.2	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 01/20/2007 TIME: 22:34:04.69

RUN: I 15 AND ROSEMONT B115 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	65	123	4.0	475	1583	32.20	2 3
30. 30	NB 2ND ST *	145	111	4.0	650	1681	32.20	2 3
50. 50	SB15 RAMP *	65	49	4.0	50	1342	32.20	2 3
52. 52	SB15 RAMP *	65	49	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	145	112	4.0	675	1718	32.20	2 3
62. 62	WB ROSE Q *	65	38	4.0	1025	1746	32.20	2 3
78. 78	EB ROSE Q *	65	37	4.0	700	1760	32.20	2 3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .9	.8	.8	1.0	.7	.7	.8	.4	.2	.3	.8	.8	.7	.7	.1	.0	.0	.0	.0	.0	.0
5.	* .9	.8	.8	1.0	.7	.7	.8	.4	.3	.3	.8	.8	.7	.7	.1	.0	.0	.0	.0	.0	.0
10.	* .9	.9	.9	1.0	.7	.8	.9	.4	.3	.3	.8	.8	.8	.8	.1	.1	.0	.0	.0	.0	.0
15.	* 1.0	.9	.9	1.1	.7	.8	.9	.3	.2	.5	.9	.9	.8	.8	.1	.1	.0	.0	.0	.0	.0
20.	* 1.0	1.0	1.0	1.1	.8	.8	.8	.2	.2	.5	.9	1.0	.8	.8	.1	.1	.0	.0	.0	.0	.0
25.	* 1.0	1.0	1.0	1.1	1.0	.7	.6	.2	.2	.5	1.0	1.0	.8	.9	.2	.1	.1	.0	.0	.0	.0
30.	* 1.2	1.1	1.1	1.3	1.0	.7	.5	.1	.3	.4	1.2	1.0	.8	.9	.2	.1	.1	.0	.0	.0	.0
35.	* 1.1	1.1	1.2	1.3	.9	.7	.5	.1	.2	.4	1.1	1.2	.9	1.0	.3	.2	.1	.0	.0	.0	.0
40.	* 1.2	1.4	1.2	1.3	.9	.7	.6	.1	.2	.3	1.2	1.2	.9	1.0	.4	.3	.3	.0	.0	.0	.0
45.	* 1.4	1.3	1.2	1.4	.9	.6	.5	.1	.1	.3	1.2	1.1	.9	.9	.6	.5	.3	.2	.0	.0	.0
50.	* 1.3	1.2	1.2	1.2	.7	.6	.5	.1	.1	.2	1.0	.9	.6	.8	.8	.6	.6	.3	.1	.0	.0
55.	* 1.1	1.1	1.0	1.1	.6	.5	.5	.1	.0	.1	.9	.9	.5	.7	.9	.8	.8	.4	.2	.0	.0
60.	* .7	.8	.7	.7	.6	.6	.5	.1	.0	.1	.6	.5	.3	.4	1.0	1.0	.9	.5	.3	.1	.0
65.	* .5	.6	.6	.6	.5	.6	.5	.1	.0	.0	.4	.4	.2	.3	1.1	1.1	1.0	.7	.3	.2	.0
70.	* .3	.3	.3	.4	.5	.6	.5	.0	.1	.0	.3	.3	.1	.2	1.0	1.0	.9	.7	.3	.2	.0
75.	* .2	.3	.2	.3	.5	.7	.5	.0	.1	.0	.2	.1	.1	.1	1.1	1.0	.9	.9	.4	.2	.0
80.	* .2	.4	.4	.3	.6	.8	.5	.0	.3	.1	.1	.1	.0	.1	1.0	1.0	.9	.7	.4	.3	.0
85.	* .0	.3	.3	.4	.6	.8	.5	.0	.3	.1	.1	.1	.0	.1	1.0	.9	.9	.7	.4	.3	.0
90.	* .0	.3	.3	.4	.6	.8	.5	.0	.3	.1	.2	.1	.0	.0	.9	.8	.8	.7	.4	.2	.0
95.	* .0	.3	.3	.4	.7	.7	.5	.0	.3	.1	.2	.2	.0	.0	.8	.8	.8	.6	.4	.2	.0
100.	* .0	.1	.3	.4	.7	.6	.5	.0	.3	.1	.2	.2	.0	.0	.7	.7	.8	.6	.3	.3	.0
105.	* .0	.2	.3	.4	.7	.6	.5	.0	.3	.1	.1	.1	.1	.0	.7	.8	.7	.7	.4	.2	.0
110.	* .0	.2	.3	.5	.7	.5	.0	.4	.1	.1	.1	.1	.1	.0	.7	.7	.8	.7	.5	.2	.0
115.	* .0	.2	.3	.6	.8	.6	.4	.1	.4	.1	.2	.1	.1	.0	.7	.8	.7	.7	.5	.3	.0
120.	* .0	.0	.1	.4	.5	.4	.4	.2	.3	.2	.2	.1	.1	.0	.7	.7	.7	.7	.5	.4	.0

S34B115P.OUT

125.	*	.0	.0	.1	.4	.5	.4	.4	.4	.3	.3	.4	.1	.1	.0	.7	.8	.7	.7	.5	.3
130.	*	.0	.0	.0	.3	.4	.3	.3	.6	.3	.4	.4	.1	.1	.0	.7	.7	.7	.7	.5	.3
135.	*	.0	.0	.0	.2	.4	.3	.2	.6	.5	.3	.4	.2	.1	.1	.6	.7	.8	.9	.7	.3
140.	*	.0	.0	.0	.1	.3	.1	.2	.7	.5	.4	.5	.2	.1	.1	.8	.8	.8	.9	.7	.4
145.	*	.0	.0	.0	.0	.1	.0	.0	.8	.5	.5	.6	.2	.2	.1	.8	.9	.8	.9	.7	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.5	.5	.1	.2	.1	.8	.8	.8	.9	.6	.5
155.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.5	.2	.2	.1	.7	.7	.7	.9	.6	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.4	.1	.2	.1	.8	.6	.7	.8	.6	.4
165.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.3	.1	.2	.1	.8	.6	.7	.7	.5	.4
170.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.3	.1	.0	.2	.8	.7	.7	.8	.5	.4
175.	*	.0	.1	.1	.0	.0	.0	.0	.7	.5	.5	.3	.1	.0	.2	.7	.8	.6	.8	.5	.4
180.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.0	.1	.7	.8	.7	.8	.5	.4
185.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.1	.1	.7	.7	.7	.8	.5	.4
190.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.2	.1	.1	.7	.8	.8	.8	.5	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.2	.1	.0	.9	.9	.8	.8	.5	.4
200.	*	.1	.1	.1	.1	.0	.1	.0	.6	.5	.5	.3	.2	.1	.0	.9	.9	.9	.8	.5	.5
205.	*	.1	.1	.1	.1	.1	.1	.0	.6	.5	.5	.3	.2	.1	.1	1.0	.9	.9	.9	.4	.5

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.2	.2	.2	.1	.0	.1	.0	.6	.6	.5	.3	.1	.1	.1	1.1	.9	.8	.5	.4
215.	*	.2	.2	.2	.1	.0	.1	.0	.6	.6	.4	.4	.2	.1	.1	1.2	.9	.9	.6	.4
220.	*	.3	.4	.4	.2	.0	.0	.1	.7	.5	.4	.5	.3	.2	.3	1.2	1.0	.7	.6	.3
225.	*	.6	.6	.6	.5	.0	.0	.1	.7	.4	.4	.6	.4	.3	.4	1.1	1.1	.9	.5	.3
230.	*	.8	.7	.8	.6	.0	.0	.1	.7	.4	.4	.9	.7	.4	.7	1.1	.8	.9	.8	.2
235.	*	1.1	1.1	1.0	.9	.2	.0	.1	.7	.4	.6	1.2	.9	.5	.8	.9	.7	.7	.4	.1
240.	*	1.1	1.1	1.1	1.0	.2	.0	.1	.7	.4	.6	1.3	1.2	.8	.9	.8	.5	.4	.2	.1
245.	*	1.2	1.2	1.2	1.1	.3	.1	.1	.7	.5	.8	1.4	1.1	.8	1.1	.6	.4	.3	.2	.1
250.	*	1.1	1.2	1.2	1.1	.4	.3	.1	.7	.6	.8	1.3	1.0	1.0	1.0	.4	.2	.2	.1	.2
255.	*	1.0	1.1	1.2	1.0	.4	.3	.1	.7	.7	.7	1.2	1.1	.9	1.0	.3	.2	.1	.1	.2
260.	*	1.0	1.0	1.0	1.0	.2	.3	.1	.7	.5	.7	1.2	1.0	.9	1.0	.2	.1	.1	.1	.2
265.	*	1.0	1.0	1.0	.9	.4	.1	.1	.7	.5	.7	1.2	1.0	.8	.8	.1	.1	.1	.1	.2
270.	*	.9	.8	.9	.9	.4	.2	.1	.7	.8	.7	1.1	.9	.8	.8	.1	.1	.0	.1	.2
275.	*	.9	.9	.9	.8	.4	.2	.1	.7	.7	.7	1.1	.9	.8	.8	.1	.1	.0	.2	.2
280.	*	.8	.8	.8	.8	.3	.3	.2	.7	.7	.6	1.0	.8	.8	.7	.1	.1	.0	.2	.3
285.	*	.8	.8	.8	.8	.3	.3	.2	.7	.7	.5	1.1	.8	.7	.7	.1	.0	.0	.2	.3
290.	*	.8	.8	.8	.8	.3	.3	.2	.7	.8	.6	1.1	.8	.7	.7	.1	.0	.0	.2	.3
295.	*	.8	.7	.8	.7	.3	.3	.2	.7	.8	.6	1.0	.7	.7	.7	.1	.0	.0	.2	.4
300.	*	.7	.7	.7	.7	.3	.3	.3	.7	.7	.6	1.0	.7	.7	.7	.0	.0	.1	.3	.4
305.	*	.7	.7	.7	.7	.4	.4	.3	.6	.6	.6	1.0	.7	.7	.7	.0	.0	.1	.2	.3
310.	*	.7	.7	.7	.7	.5	.5	.3	.6	.6	.5	.9	.7	.7	.7	.0	.0	.1	.2	.2
315.	*	.8	.8	.8	.7	.5	.5	.5	.5	.3	.4	.9	.7	.7	.7	.0	.0	.1	.2	.2
320.	*	.8	.8	.8	.8	.5	.7	.5	.3	.4	.4	.9	.8	.7	.7	.0	.0	.0	.1	.2
325.	*	.8	.8	.8	1.0	.5	.7	.5	.4	.4	.4	.9	.8	.7	.7	.0	.0	.0	.0	.2
330.	*	.8	.8	.8	.9	.5	.7	.4	.4	.4	.4	.9	.8	.7	.7	.0	.0	.0	.0	.0
335.	*	.7	.7	.7	.9	.5	.7	.4	.3	.2	.3	.7	.7	.7	.7	.0	.0	.0	.0	.0
340.	*	.7	.7	.7	.9	.6	.7	.5	.2	.2	.3	.7	.7	.6	.7	.0	.0	.0	.0	.0
345.	*	.8	.7	.7	.9	.6	.8	.3	.3	.2	.3	.7	.7	.7	.7	.0	.0	.0	.0	.0
350.	*	.8	.7	.7	.9	.6	.8	.5	.3	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0
355.	*	.8	.8	.8	.9	.6	.7	.7	.4	.2	.3	.8	.7	.7	.7	.1	.0	.0	.0	.0
360.	*	.9	.8	.8	1.0	.7	.7	.8	.4	.2	.3	.8	.8	.7	.7	.1	.0	.0	.0	.0
MAX		1.4	1.4	1.2	1.4	1.0	.8	.9	.8	.8	1.4	1.2	1.0	1.1	1.2	1.1	1.0	.9	.7	.5
DEGR.	*	45	40	35	45	25	10	10	145	270	245	245	35	250	245	215	65	65	135	150

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.2	.2	.0	.0	.0
5.	*	.0	.1	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.0	.0	.0
25.	*	.0	.2	.2	.2	.0	.0	.0
30.	*	.0	.2	.2	.2	.1	.1	.0
35.	*	.0	.2	.2	.2	.1	.1	.0
40.	*	.0	.3	.2	.2	.3	.2	.0
45.	*	.0	.3	.2	.2	.3	.4	.0
50.	*	.0	.3	.2	.3	.5	.6	.1
55.	*	.0	.3	.2	.3	.6	.7	.3
60.	*	.0	.3	.3	.5	.8	.9	.5
65.	*	.0	.3	.4	.5	1.0	1.0	.4
70.	*	.0	.3	.4	.5	1.0	1.0	.4
75.	*	.0	.5	.4	.6	.9	1.0	.5
80.	*	.1	.5	.5	.6	1.0	.8	.5
85.	*	.2	.5	.5	.6	1.0	.8	.4
90.	*	.2	.5	.4	.6	.9	.8	.5
95.	*	.2	.5	.5	.5	.9	.8	.5
100.	*	.1	.4	.4	.5	.9	.8	.4
105.	*	.1	.5	.4	.6	.9	.8	.4
110.	*	.1	.5	.5	.7	.9	.9	.4
115.	*	.1	.4	.5	.7	.9	.7	.4
120.	*	.2	.3	.4	.7	1.0	.8	.4
125.	*	.2	.3	.4	.6	1.0	.7	.4
130.	*	.4	.2	.4	.7	1.0	.6	.4
135.	*	.4	.2	.4	.6	.8	.6	.4

S34B115P.OUT

```

140. * .4 .2 .3 .3 .7 .6 .6 .3
145. * .6 .2 .2 .3 .7 .6 .6 .4
150. * .6 .2 .2 .3 .6 .6 .6 .4
155. * .6 .2 .2 .3 .6 .6 .6 .5
160. * .7 .2 .2 .3 .6 .6 .6 .3
165. * .7 .1 .2 .4 .6 .6 .6 .3
170. * .6 .1 .2 .4 .6 .6 .6 .4
175. * .6 .1 .2 .4 .6 .6 .6 .5
180. * .5 .0 .2 .4 .6 .7 .6 .4
185. * .4 .1 .2 .4 .6 .7 .7 .4
190. * .5 .2 .2 .4 .6 .7 .7 .4
195. * .5 .2 .4 .3 .7 .7 .8 .4
200. * .5 .1 .2 .3 .7 .7 .9 .4
205. * .4 .1 .3 .4 .7 .9 .8 .5

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .0 .2 .4 .8 1.0 .8 .5
215. * .2 .0 .2 .4 .8 1.0 .9 .4
220. * .2 .0 .1 .3 .9 .9 .9 .5
225. * .2 .0 .0 .2 .8 .9 .7 .4
230. * .1 .0 .0 .1 .6 .7 .6 .2
235. * .1 .0 .0 .0 .4 .6 .6 .1
240. * .1 .0 .0 .0 .3 .4 .3 .0
245. * .1 .0 .0 .0 .1 .4 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .1 .0 .0
265. * .2 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .3 .0 .0 .0 .0 .0 .0 .0
280. * .3 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .2 .0 .0 .1 .1 .0 .0 .0
310. * .1 .0 .2 .1 .1 .0 .0 .0
315. * .0 .0 .2 .3 .2 .0 .0 .0
320. * .0 .0 .3 .3 .2 .0 .0 .0
325. * .0 .1 .3 .3 .2 .0 .0 .0
330. * .0 .1 .4 .3 .2 .0 .0 .0
335. * .0 .1 .4 .3 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .1 .3 .2 .2 .0 .0 .0
350. * .0 .0 .3 .2 .2 .0 .0 .0
355. * .0 .0 .3 .2 .2 .0 .0 .0
360. * .0 .0 .2 .2 .2 .0 .0 .0
-----
MAX * .7 .5 .5 .7 1.0 1.0 1.0 .5
DEGR. * 160 75 80 110 120 65 70 60

```

```

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 45 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 40 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS 1.40 PPM AT 45 DEGREES FROM REC4 .

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 8

DATE: 01/20/2007 TIME: 22:34:04.69

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # 45 40 35 45 25 10 10 145 270 245 245 35 250 245 215 65 65 135 135 150
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .8 1.0 .9 .8 .2 .1 .0 .0 .2 .2 .9 .7 .8 .2 .2 .0 .2 .2 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .1 .0 .2 .1 .1 .1 .0 .0 .0 .0 .2 .0 .7 .1 .2 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B115P.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.2	.0	.0	.7	.3	.2	.0	.0
41	*	.2	.2	.2	.1	.1	.1	.0	.0	.1	.0	.1	.2	.2	.6	.6	.4	.2	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 40	REC3 35	REC4 45	REC5 25	REC6 10	REC7 10	REC8 145	REC9 270	REC10 245	REC11 245	REC12 35	REC13 250	REC14 245	REC15 215	REC16 65	REC17 65	REC18 135	REC19 135	REC20 150
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 01/20/2007 TIME: 22:34:04.69

RUN: I 15 AND ROSEMONT B115 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 160	REC22 75	REC23 80	REC24 110	REC25 120	REC26 65	REC27 70	REC28 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.2	.2	.1	.2	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.1	.1	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.0	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.0	.0	.1	.1
41	*	.1	.0	.1	.2	.4	.7	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B115P.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B115 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 160	REC22 75	REC23 80	REC24 110	REC25 120	REC26 65	REC27 70	REC28 60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.0	.0	.0
62	*	.3	.2	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.1	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B215A

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1	US15 NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B215 AM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	2375. 4.2	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	2375. 4.2	0. 44.	59
3	NB 15	AG191332.640193.191857.640571.	2375. 4.2	0. 44.	59
4	NB OFFRAMPAG191857.640571.191960.640623.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	500. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	500. 2.9	0. 32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	175. 2.9	0. 32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1		
105	84	4.0 175	32.2 1770	2 3	
14	NB OFFRAMPAG191970.640296.191878.640271.	375. 2.9	0. 32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1		
105	84	4.0 375	32.2 1583	2 3	
15	SB 2ND ST AG191905.640219.191845.640144.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	150. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	150. 2.9	0. 32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	150. 2.9	0. 32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	2375. 4.2	0. 44.	59
24	NB 2ND ST AG191873.639485.191811.639835.	225. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	225. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	225. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	225. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	225. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	225. 2.9	0. 32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0. 12.	1		
105	87	4.0 225	32.2 1682	2 3	
31	NB 15 ON RAG191934.640223.191986.640270.	350. 2.9	0. 32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	350. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	350. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	350. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	350. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	350. 2.9	0. 32.	30.0	

										S34B215A	
31		NB	15	ON	RAG192290.640837.192329.640883.	350.	2.9	0.	32.	30.0	
1											
31		NB	15	ON	RAG192329.640883.192397.640944.	350.	2.9	0.	32.	30.0	
1											
31		NB	15	ON	RAG192397.640944.192459.641017.	350.	2.9	0.	32.	30.0	
1											
40		SB	15		AG192414.641075.191866.640671.	3575.	4.2	0.	44.	59	
1											
41		SB	15		AG191866.640671.191396.640337.	3575.	4.2	0.	44.	59	
1											
42		SB	15	OFFRAG	191396.640337.191304.640300.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191304.640300.191225.640317.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191225.640317.191185.640352.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191185.640352.191163.640405.	100.	2.9	0.	32.	30.	
1											
42		SB	15	OFFRAG	191163.640405.191169.640531.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191169.640531.191199.640621.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191199.640621.191246.640695.	100.	2.9	0.	32.	30.0	
1											
42		SB	15	OFFRAG	191246.640695.191307.640777.	75.	2.9	0.	32.	30.0	
2											
50		SB15	RAMP	AG191284.640746.191251.640701.	0.	12.	1				
60			44	4.0	75	32.2	1308	2	3		
1											
51		SB	15	OFFRAG	191246.640695.191341.640730.	50.	2.9	0.	44.	30.0	
2											
52		SB15	RAMP	AG191328.640725.191261.640700.	0.	24.	2				
60			44	4.0	50	32.2	1583	2	3		
1											
53		SB	15		AG191396.640337.191282.640244.	3825.	4.2	0.	44.	59	
1											
54		SB	15		AG191282.640244.190930.639988.	3825.	4.2	0.	44.	59	
1											
55		SB	15		AG190930.639988.190811.639884.	3575.	4.2	0.	44.	59	
1											
56		WB	ROSEMONAG	192403.639820.192097.640064.	300.	2.9	0.	44.	30		
1											
57		WB	ROSEMONAG	192097.640064.191916.640222.	300.	2.9	0.	44.	30		
2											
58		WB	ROSE	Q AG191949.640193.192034.640119.	0.	24.	2				
105			83	4.0	300	32.2	1719	2	3		
1											
59		WB	ROSEMONAG	191916.640222.191878.640271.	300.	2.9	0.	44.	30		
1											
60		WB	ROSEMONAG	191878.640271.191817.640307.	750.	2.9	0.	44.	30		
1											
61		WB	ROSEMONAG	191817.640307.191306.640792.	750.	2.9	0.	44.	30		
2											
62		WB	ROSE								

80		NB 15	AG190678.639647.190434.639378.	2375. 4.2	0.44.0	59
1						
80		NB 15	AG190434.639378.190212.639090.	2375. 4.2	0.44.0	59
1						
80		NB 15	AG190212.639090.190063.638865.	2375. 4.2	0.44.0	59
1.0	0.4	1000. 0.0Y	5 0 72			

JOB: I 15 AND ROSEMONT
DATE: 03/15/2007 TIME: 20:15:54.56

RUN: I 15 AND ROSEMONT B215 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	2375.	4.2	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	2375.	4.2	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	2375.	4.2	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	500.	2.9	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	500.	2.9	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	500.	2.9	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	500.	2.9	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	500.	2.9	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	500.	2.9	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	500.	2.9	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	175.	2.9	.0	32.0	
12. 12	NBOFFRAMP*	191923.0	640241.0	191975.3	640302.0	*	80.	41. AG	69. 100.0	.0	12.0	.69	4.1
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	375.	2.9	.0	32.0	
14. 14	NBOFFRAMP*	191897.0	640277.0	193566.4	640728.1	*	1729.	75. AG	69. 100.0	.0	12.0	1.66	87.8
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.9	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.9	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.9	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.9	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	150.	2.9	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	6399884.0	*	82.	173. AG	150.	2.9	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	6399884.0	191805.0	639773.0	*	112.	172. AG	150.	2.9	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.9	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	2375.	4.2	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.9	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.9	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.9	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.9	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.9	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.9	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	72. 100.0	.0	12.0	1.17	25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.9	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.9	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.9	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.9	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.9	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.9	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.9	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.9	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.9	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3575.	4.2	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3575.	4.2	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 03/15/2007 TIME: 20:15:54.56

RUN: I 15 AND ROSEMONT B215 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9	.0	32.0	
50. 50	SB15 RAMP*	191284.0	640746.0	191273.3	640731.5	*	18.	216. AG	63. 100.0	.0	12.0	.35	.9
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	50.	2.9	.0	44.0	
52. 52	SB15 RAMP*	191328.0	640725.0	191322.4	640722.9	*	6.	250. AG	127. 100.0	.0	24.0	.10	.3
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3825.	4.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3825.	4.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3575.	4.2	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	300.	2.9	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	300.	2.9	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192000.4	640148.3	*	68.	131. AG	137. 100.0	.0	24.0	.57	3.5
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	300.	2.9	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	750.	2.9	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	750.	2.9	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191392.2	640710.3	*	86.	133. AG	109. 100.0	.0	24.0	.82	4.3
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	750.	2.9	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	750.	2.9	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	750.	2.9	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	700.	2.9	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	700.	2.9	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	700.	2.9	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	700.	2.9	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	700.	2.9	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	700.	2.9	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	700.	2.9	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	700.	2.9	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	700.	2.9	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.9	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.9	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191237.0	640840.4	*	57.	312. AG	92. 100.0	.0	24.0	.50	2.9
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	650.	2.9	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1225.	2.9	.0	44.0	

S34B215A

81. 81	EB ROSE Q	* 191867.0	640244.0	191715.6	640383.1	*	206.	313. AG	94. 100.0	.0 24.0	.89 10.4
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130. AG	1225.	2.9	.0 44.0
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224. AG	3575.	4.2	.0 44.0
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219. AG	3575.	4.2	.0 44.0
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215. AG	3575.	4.2	.0 44.0
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227. AG	2375.	4.2	.0 44.0
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222. AG	2375.	4.2	.0 44.0
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218. AG	2375.	4.2	.0 44.0
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214. AG	2375.	4.2	.0 44.0

1

JOB: I 15 AND ROSEMONT
DATE: 03/15/2007 TIME: 20:15:54.56

RUN: I 15 AND ROSEMONT B215 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	* RED TIME (SEC)	* CLEARANCE LOST TIME (SEC)	* APPROACH VOL (VPH)	* SATURATION FLOW RATE (VPH)	* IDLE EM FAC (gm/hr)	* SIGNAL TYPE	* ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	84	4.0	175	1770	32.20	2 3
14. 14	NBOFFRAMP	* 105	84	4.0	375	1583	32.20	2 3
30. 30	NB 2ND ST	* 105	87	4.0	225	1682	32.20	2 3
50. 50	SB15 RAMP	* 60	44	4.0	75	1308	32.20	2 3
52. 52	SB15 RAMP	* 60	44	4.0	50	1583	32.20	2 3
58. 58	WB ROSE Q	* 105	83	4.0	300	1719	32.20	2 3
62. 62	WB ROSE Q	* 60	38	4.0	750	1726	32.20	2 3
78. 78	EB ROSE Q	* 60	32	4.0	650	1763	32.20	2 3
81. 81	EB ROSE Q	* 105	57	4.0	1225	1716	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1 US15 NB ROSEMONT	* 191330.0	* 640165.0	* 5.0
2. REC 2 164' SE CORNER	* 191519.0	* 640303.0	* 5.0
3. REC 3 82' SE CORNER	* 191587.0	* 640352.0	* 5.0
4. REC 4 SE CORNER	* 191653.0	* 640394.0	* 5.0
5. REC 4 82' ES CORNER	* 191720.0	* 640348.0	* 5.0
6. REC 4 164' ES CORNE	* 191780.0	* 640291.0	* 5.0
7. REC 7 400' ES CORNE	* 191958.0	* 640132.0	* 5.0
8. REC 8 400' EN CORNE	* 192007.0	* 640171.0	* 5.0
9. REC 9 164' EN CORNER	* 191828.0	* 640327.0	* 5.0
10. REC 10 82' EN CORNER	* 191767.0	* 640384.0	* 5.0
11. REC 11 NE CORNER	* 191708.0	* 640436.0	* 5.0
12. REC 12 82' NE CORNER	* 191774.0	* 640483.0	* 5.0
13. REC 13 164' NE CORNE	* 191854.0	* 640532.0	* 5.0
14. REC 14 400' NE CORNE	* 192037.0	* 640674.0	* 5.0
15. REC 15 400' NW CORNE	* 191950.0	* 640754.0	* 5.0
16. REC 16 164' NW CORNE	* 191757.0	* 640620.0	* 5.0
17. REC 17 82' NW CORNER	* 191688.0	* 640574.0	* 5.0
18. REC 18 NW CORNER	* 191622.0	* 640543.0	* 5.0
19. REC 19 72' WN CORNE	* 191576.0	* 640576.0	* 5.0
20. REC 20 164' WN CORN	* 191499.0	* 640640.0	* 5.0
21. REC 21 390' WN CORN	* 191349.0	* 640796.0	* 5.0
22. REC 22 350' WS CORN	* 191316.0	* 640696.0	* 5.0
23. REC 23 164' WS CORN	* 191448.0	* 640606.0	* 5.0
24. REC 24 82' WS CORNE	* 191509.0	* 640548.0	* 5.0
25. REC 25 SW CORNER	* 191563.0	* 640496.0	* 5.0
26. REC 26 82' SW CORNER	* 191504.0	* 640445.0	* 5.0
27. REC 27 164' SW CORNE	* 191442.0	* 640403.0	* 5.0
28. REC 28 350' SW CORNE	* 191259.0	* 640324.0	* 5.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* .6	.6	.6	.7	.6	.7	.4	.3	.2	.2	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
5.	* .6	.6	.6	.8	.6	.7	.5	.3	.3	.2	.6	.6	.6	.6	.1	.1	.0	.0	.0	.0
10.	* .7	.6	.6	.8	.6	.8	.6	.3	.2	.2	.6	.6	.6	.6	.1	.1	.0	.0	.0	.0
15.	* .8	.6	.6	.8	.6	.9	.6	.3	.2	.3	.6	.7	.6	.6	.1	.1	.0	.0	.0	.0
20.	* .8	.7	.7	.7	.8	.7	.7	.2	.2	.4	.6	.7	.6	.6	.1	.1	.1	.0	.0	.0
25.	* .7	.7	.7	.7	.9	.7	.5	.1	.2	.4	.8	.7	.6	.7	.2	.1	.1	.0	.0	.0
30.	* .9	.7	.7	.9	.9	.7	.5	.1	.2	.3	.8	.8	.6	.7	.2	.1	.1	.0	.0	.0
35.	* .8	.9	.9	.9	.8	.7	.5	.1	.2	.2	.8	.8	.7	.7	.3	.2	.1	.0	.0	.0
40.	* .8	.9	1.0	.9	.8	.7	.5	.1	.2	.2	.9	.8	.7	.7	.5	.3	.3	.1	.0	.0
45.	* .9	.9	.9	.9	.7	.6	.5	.1	.1	.2	.9	.8	.6	.6	.7	.5	.4	.2	.0	.0
50.	* .8	.9	.8	.8	.7	.4	.4	.1	.0	.2	.7	.6	.5	.6	.8	.7	.6	.3	.1	.0
55.	* .7	.8	.7	.6	.6	.4	.4	.1	.0	.1	.6	.6	.4	.5	1.0	.9	.8	.5	.1	.0
60.	* .4	.5	.5	.6	.5	.4	.4	.1	.0	.0	.5	.5	.2	.3	1.1	1.0	.9	.6	.3	.1
65.	* .3	.3	.3	.4	.5	.4	.4	.1	.0	.0	.3	.3	.1	.2	1.1	1.0	1.0	.6	.3	.1
70.	* .1	.2	.2	.2	.5	.5	.2	.1	.1	.0	.1	.2	.1	.1	1.1	1.1	1.0	.7	.3	.2
75.	* .1	.2	.1	.3	.5	.5	.2	.0	.1	.0	.1	.1	.0	.1	1.1	1.1	.9	.7	.4	.2
80.	* .0	.3	.2	.3	.6	.5	.2	.0	.1	.1	.1	.1	.0	.1	1.0	1.0	.8	.7	.4	.3
85.	* .0	.3	.4	.3	.6	.5	.2	.0	.1	.1	.1	.0	.0	.1	1.0	1.0	.9	.7	.3	.3
90.	* .0	.3	.4	.4	.6	.5	.1	.0	.1	.1	.1	.0	.0	.0	.9	.8	.8	.6	.4	.3
95.	* .0	.2	.4	.4	.7	.5	.2	.0	.1	.1	.1	.0	.0	.0	.8	.7	.8	.6	.3	.2
100.	* .0	.0	.1	.4	.7	.6	.2	.0	.1	.1	.1	.0	.0	.0	.8	.7	.7	.6	.3	.1
105.	* .0	.0	.1	.4	.7	.5	.2	.0	.1	.1	.1	.0	.0	.0	.8	.7	.6	.5	.3	.1
110.	* .0	.0	.1	.3	.6	.5	.2	.0	.1	.1	.0	.0	.0	.0	.8	.7	.6	.5	.3	.2
115.	* .0	.0	.1	.3	.5	.4	.2	.0	.1	.1	.0	.0	.0	.0	.7	.7	.6	.5	.3	.2
120.	* .0	.0	.0	.3	.5	.4	.2	.0	.1	.0	.1	.0	.0	.0	.6	.7	.6	.5	.3	.2

S34B215A

125.	*	.0	.0	.0	.3	.5	.4	.2	.1	.1	.0	.2	.0	.0	.0	.6	.6	.6	.5	.3	.3
130.	*	.0	.0	.0	.2	.3	.3	.2	.1	.2	.2	.3	.0	.0	.0	.6	.6	.6	.5	.3	.3
135.	*	.0	.0	.0	.2	.2	.3	.1	.1	.3	.3	.3	.0	.0	.0	.7	.6	.6	.6	.6	.3
140.	*	.0	.0	.0	.1	.2	.1	.1	.1	.5	.3	.4	.0	.0	.0	.6	.6	.6	.8	.6	.4
145.	*	.0	.0	.0	.0	.2	.0	.1	.1	.4	.4	.4	.0	.0	.0	.6	.6	.6	.8	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.0	.0	.0	.6	.6	.7	.8	.5	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.1	.0	.0	.7	.6	.7	.8	.5	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.1	.0	.0	.6	.6	.7	.7	.5	.4
165.	*	.0	.0	.0	.0	.0	.1	.0	.1	.4	.4	.4	.1	.0	.0	.6	.6	.7	.7	.5	.4
170.	*	.0	.0	.0	.0	.0	.1	.0	.2	.4	.4	.3	.1	.0	.0	.6	.7	.7	.7	.5	.4
175.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.3	.1	.0	.0	.6	.7	.6	.7	.4	.4
180.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.3	.1	.0	.0	.8	.7	.6	.7	.4	.4
185.	*	.0	.0	.0	.0	.0	.1	.0	.2	.5	.4	.3	.1	.1	.0	.8	.8	.8	.7	.4	.4
190.	*	.0	.0	.0	.0	.0	.1	.0	.3	.5	.4	.2	.1	.1	.0	.7	.8	.8	.8	.4	.4
195.	*	.0	.1	.1	.0	.0	.0	.0	.3	.5	.4	.2	.1	.1	.0	.8	.8	.8	.8	.4	.4
200.	*	.1	.1	.1	.0	.0	.0	.0	.3	.3	.4	.2	.1	.1	.0	.9	.9	.9	.8	.4	.4
205.	*	.1	.1	.1	.0	.0	.0	.0	.4	.3	.4	.3	.2	.1	.0	1.0	.9	.9	.8	.4	.4

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.4	.3	.1	.1	.1	1.0	1.0	.9	.8	.5	.3
215.	*	.1	.1	.2	.1	.0	.0	.0	.4	.3	.4	.3	.1	.1	.1	1.1	1.0	.9	.8	.6	.2
220.	*	.2	.2	.2	.1	.0	.0	.0	.5	.4	.4	.4	.2	.1	.2	1.0	1.0	.9	1.0	.4	.3
225.	*	.3	.4	.3	.2	.0	.0	.0	.5	.4	.4	.5	.3	.2	.3	1.1	1.0	1.0	.8	.4	.3
230.	*	.6	.6	.6	.3	.0	.0	.1	.6	.4	.4	.6	.4	.2	.5	1.1	1.0	1.0	.6	.3	.2
235.	*	.8	.7	.7	.6	.0	.0	.1	.6	.4	.4	.8	.6	.4	.6	1.0	.8	.7	.5	.2	.1
240.	*	.8	.7	.8	.8	.2	.0	.1	.6	.4	.6	.9	.7	.6	.6	.7	.6	.6	.4	.1	.1
245.	*	.7	.9	.9	.8	.2	.0	.1	.6	.4	.6	1.1	.8	.7	.8	.6	.4	.3	.2	.1	.1
250.	*	.8	.9	.8	.8	.2	.1	.1	.6	.5	.6	1.1	.9	.7	.8	.4	.3	.2	.1	.1	.2
255.	*	.7	.7	.8	.8	.3	.2	.1	.6	.6	.6	1.0	.7	.6	.8	.3	.2	.1	.1	.1	.2
260.	*	.8	.8	.8	.8	.3	.2	.1	.6	.6	.8	.9	.7	.6	.7	.2	.1	.1	.1	.1	.2
265.	*	.8	.8	.7	.6	.4	.2	.1	.6	.5	.6	.9	.7	.6	.7	.1	.1	.1	.1	.1	.2
270.	*	.7	.7	.8	.6	.4	.1	.2	.6	.6	.6	.8	.6	.6	.6	.1	.1	.1	.1	.2	.2
275.	*	.7	.7	.7	.6	.3	.2	.1	.5	.6	.6	.8	.6	.6	.7	.1	.1	.0	.1	.2	.2
280.	*	.7	.6	.6	.6	.3	.2	.1	.5	.6	.6	.8	.6	.5	.7	.1	.1	.0	.1	.2	.2
285.	*	.7	.6	.6	.6	.2	.2	.1	.6	.6	.4	.8	.6	.5	.6	.1	.1	.0	.1	.2	.2
290.	*	.6	.6	.6	.5	.2	.2	.2	.8	.6	.4	.8	.6	.5	.5	.1	.0	.0	.1	.2	.2
295.	*	.5	.6	.5	.5	.2	.2	.2	.8	.6	.4	.7	.5	.5	.5	.1	.0	.0	.1	.2	.3
300.	*	.5	.5	.5	.5	.3	.3	.3	.6	.5	.4	.7	.5	.5	.5	.1	.0	.0	.1	.3	.3
305.	*	.5	.5	.5	.5	.3	.4	.6	.6	.5	.4	.7	.5	.5	.5	.0	.0	.0	.1	.2	.2
310.	*	.5	.5	.5	.5	.3	.4	.5	.5	.5	.4	.7	.5	.5	.5	.0	.0	.0	.1	.2	.2
315.	*	.5	.5	.5	.5	.4	.5	.5	.4	.4	.3	.6	.5	.5	.5	.0	.0	.0	.1	.2	.2
320.	*	.7	.6	.6	.6	.5	.7	.5	.2	.3	.3	.6	.5	.5	.5	.0	.0	.0	.0	.1	.1
325.	*	.6	.6	.6	.7	.5	.7	.5	.1	.3	.3	.7	.6	.5	.5	.0	.0	.0	.0	.0	.0
330.	*	.5	.6	.5	.7	.6	.8	.4	.1	.2	.2	.6	.5	.5	.5	.0	.0	.0	.0	.0	.0
335.	*	.6	.5	.5	.7	.6	.8	.3	.1	.2	.2	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0
340.	*	.6	.5	.5	.7	.6	.8	.3	.1	.2	.2	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0
345.	*	.6	.5	.5	.7	.6	.8	.2	.1	.2	.2	.5	.5	.6	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.5	.5	.7	.7	.7	.3	.1	.2	.2	.5	.5	.5	.1	.0	.0	.0	.0	.0	.0
355.	*	.6	.6	.6	.7	.6	.7	.3	.2	.2	.2	.5	.5	.6	.5	.1	.0	.0	.0	.0	.0
360.	*	.6	.6	.6	.7	.6	.7	.4	.3	.2	.2	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
MAX	*	.9	.9	1.0	.9	.9	.7	.8	.6	.8	1.1	.9	.7	.8	1.1	1.1	1.0	1.0	.6	.4	
DEGR.	*	30	45	40	40	25	15	20	290	255	260	245	250	245	245	60	70	65	220	135	140

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.0	.0	.0
25.	*	.0	.2	.2	.2	.1	.0	.0
30.	*	.0	.3	.2	.2	.2	.1	.0
35.	*	.0	.3	.2	.2	.2	.1	.0
40.	*	.0	.2	.2	.2	.2	.2	.0
45.	*	.0	.2	.2	.2	.4	.4	.1
50.	*	.0	.2	.2	.3	.5	.5	.1
55.	*	.0	.2	.2	.3	.7	.8	.3
60.	*	.0	.2	.3	.5	.9	.9	.3
65.	*	.0	.1	.3	.5	.9	1.1	.5
70.	*	.0	.2	.4	.5	1.1	1.1	.5
75.	*	.1	.2	.5	.6	1.0	.9	.4
80.	*	.1	.2	.5	.6	1.0	.9	.4
85.	*	.1	.3	.5	.6	.9	.9	.5
90.	*	.1	.1	.4	.5	.8	.9	.4
95.	*	.1	.1	.3	.5	.8	.9	.4
100.	*	.1	.1	.4	.5	.8	.8	.4
105.	*	.0	.2	.4	.5	.9	.7	.4
110.	*	.1	.2	.4	.6	.9	.8	.4
115.	*	.1	.2	.4	.6	.8	.7	.4
120.	*	.1	.1	.4	.6	.9	.7	.4
125.	*	.1	.2	.5	.6	.9	.6	.4
130.	*	.2	.2	.5	.6	.8	.6	.4
135.	*	.3	.2	.3	.4	.8	.6	.4

S34B215A

```

140. * .3 .2 .2 .4 .6 .6 .6 .4
145. * .3 .2 .2 .3 .6 .6 .6 .3
150. * .5 .2 .2 .3 .6 .6 .6 .5
155. * .5 .2 .2 .3 .5 .6 .6 .4
160. * .5 .1 .2 .3 .5 .6 .5 .4
165. * .6 .1 .2 .3 .5 .6 .5 .3
170. * .6 .0 .2 .3 .5 .6 .6 .4
175. * .5 .1 .2 .3 .5 .6 .6 .4
180. * .5 .1 .2 .3 .6 .6 .6 .3
185. * .4 .1 .2 .3 .6 .6 .6 .4
190. * .4 .1 .3 .3 .6 .7 .6 .4
195. * .4 .1 .2 .3 .6 .7 .7 .4
200. * .4 .1 .2 .4 .6 .7 .7 .4
205. * .4 .1 .2 .3 .7 .7 .9 .4

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .1 .2 .3 .7 .8 1.0 .4
215. * .2 .0 .1 .4 .8 1.0 1.0 .4
220. * .2 .0 .1 .3 .9 1.0 .9 .4
225. * .2 .0 .1 .2 .9 .9 .9 .3
230. * .2 .0 .0 .1 .6 .8 .8 .2
235. * .1 .0 .0 .1 .5 .6 .6 .1
240. * .1 .0 .0 .0 .4 .5 .3 .0
245. * .1 .0 .0 .0 .1 .4 .3 .0
250. * .1 .0 .0 .0 .1 .1 .2 .0
255. * .0 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .1 .0 .0
265. * .0 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .1 .1 .0 .0 .0
310. * .1 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .2 .1 .1 .0 .0 .0
320. * .0 .0 .2 .2 .2 .0 .0 .0
325. * .0 .0 .3 .2 .2 .0 .0 .0
330. * .0 .1 .3 .2 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .0 .2 .2 .2 .0 .0 .0
350. * .0 .0 .2 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .6 .3 .5 .6 1.1 1.1 1.0 .5
DEGR. * 165 30 75 75 70 65 60 65

```

THE HIGHEST CONCENTRATION IS 1.10 PPM AT 245 DEGREES FROM REC11.
 THE 2ND HIGHEST CONCENTRATION IS 1.10 PPM AT 60 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 70 DEGREES FROM REC16.

1

JOB: I 15 AND ROSEMONT

DATE: 03/15/2007 TIME: 20:15:54.56

RUN: I 15 AND ROSEMONT B215 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
* 30 45 40 40 25 15 20 290 255 260 245 250 245 245 60 70 65 220 135 140
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .4 .6 .6 .5 .1 .1 .1 .1 .2 .6 .6 .5 .1 .0 .0 .0 .1 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .1 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .5 .1 .2 .1 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B215A

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.0	.2	.2	.0	.0
41	*	.2	.1	.2	.1	.1	.1	.0	.1	.0	.1	.1	.2	.1	.2	.7	.5	.2	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																	
		REC1 30	REC2 45	REC3 40	REC4 40	REC5 25	REC6 15	REC7 20	REC8 290	REC9 255	REC10 260	REC11 245	REC12 250	REC13 245	REC14 245	REC15 60	REC16 70	REC17 65	REC18 220

46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1
81	*	.0	.0	.0	.0	.3	.3	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

DATE: 03/15/2007 TIME: 20:15:54.56

RUN: I 15 AND ROSEMONT B215 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 165	REC22 30	REC23 75	REC24 75	REC25 70	REC26 65	REC27 60	REC28 65

1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.1	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.1	.1	.1	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.1	.1	.1	.1	.1
41	*	.1	.0	.1	.2	.6	.8	.3
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B215A

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 165	REC22 30	REC23 75	REC24 75	REC25 70	REC26 65	REC27 60	REC28 65
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.1	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.0	.1	.1	.0	.0	.0
62	*	.3	.2	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B215P

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1	US15 NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B215 PM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	3250. 4.2	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	3250. 4.2	0. 44.	59
3	NB 15	AG191332.640193.191857.640571.	3250. 4.2	0. 44.	59
4	NB OFFRAMPAG191857.640571.191960.640623.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	675. 2.9	0. 32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	675. 2.9	0. 32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	200. 2.9	0. 32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1		
145	123 4.0 200 32.2 1770 2 3				
14	NB OFFRAMPAG191970.640296.191878.640271.	475. 2.9	0. 32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1		
145	123 4.0 475 32.2 1583 2 3				
15	SB 2ND ST AG191905.640219.191845.640144.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	275. 2.9	0. 32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	275. 2.9	0. 32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	275. 2.9	0. 32.	30.0	
23	NB 15	AG191857.640571.192459.641017.	3250. 4.2	0. 44.	59
24	NB 2ND ST AG191873.639485.191811.639835.	650. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	650. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	650. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	650. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	650. 2.9	0. 32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	650. 2.9	0. 32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0. 12.	1		
145	114 4.0 650 32.2 1680 2 3				
31	NB 15 ON RAG191934.640223.191986.640270.	275. 2.9	0. 32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	275. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	275. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	275. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	275. 2.9	0. 32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	275. 2.9	0. 32.	30.0	

						S34B215P		
31 1	NB 15 ON RAG192290.640837.192329.640883.	275. 2.9	0. 32.	30.0				
31 1	NB 15 ON RAG192329.640883.192397.640944.	275. 2.9	0. 32.	30.0				
31 1	NB 15 ON RAG192397.640944.192459.641017.	275. 2.9	0. 32.	30.0				
40 1	SB 15 AG192414.641075.191866.640671.	3175. 4.2	0. 44.	59				
41 1	SB 15 AG191866.640671.191396.640337.	3175. 4.2	0. 44.	59				
42 1	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.9	0. 32.	30.0				
42 1	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.9	0. 32.	30.0				
50 70	SB15 RAMP AG191284.640746.191251.640701. 53 4.0 75 32.2 1342 2 3	0. 12.	1					
51 2	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.9	0. 44.	30.0				
52 70	SB15 RAMP AG191328.640725.191261.640700. 53 4.0 25 32.2 1583 2 3	0. 24.	2					
53 1	SB 15 AG191396.640337.191282.640244.	2875. 4.2	0. 44.	59				
54 1	SB 15 AG191282.640244.190930.639988.	2875. 4.2	0. 44.	59				
55 1	SB 15 AG190930.639988.190811.639884.	3175. 4.2	0. 44.	59				
56 1	WB ROSEMONAG192403.639820.192097.640064.	775. 2.9	0. 44.	30				
57 2	WB ROSEMONAG192097.640064.191916.640222.	775. 2.9	0. 44.	30				
58 145	WB ROSE Q AG191949.640193.192034.640119. 112 4.0 775 32.2 1727 2 3	0. 24.	2					
59 1	WB ROSEMONAG191916.640222.191878.640271.	775. 2.9	0. 44.	30				
60 1	WB ROSEMONAG191878.640271.191817.640307.	1050. 2.9	0. 44.	30				
61 2	WB ROSEMONAG191817.640307.191306.640792.	1050. 2.9	0. 44.	30				
62 70	WB ROSE Q AG191330.640769.191421.640683. 39 4.0 1050 32.2 1749 2 3	0. 24.	2					
63 1	WB ROSEMONAG191306.640792.191144.640951.	1050. 2.9	0. 44.	30				
64 1	WB ROSEMONAG191144.640951.191046.641019.	1050. 2.9	0. 44.	30				
65 1	WB ROSEMONAG191046.641019.190888.641123.	1050. 2.9	0. 44.	30				
66 1	EB ROSEMONAG190873.641107.190977.641037.	1600. 2.9	0. 44.	30				
67 1	SB 270 ONRAG190977.641037.191077.640931.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191077.640931.191137.640865.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191137.640865.191176.640783.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191176.640783.191178.640713.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191178.640713.191156.640575.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191156.640575.191108.640301.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191108.640301.191083.640220.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191083.640220.191038.640125.	650. 2.9	0. 32.	30				
67 1	SB 270 ONRAG191038.640125.190930.639988.	650. 2.9	0. 32.	30				
76 1	EB ROSE AG190977.641037.191115.640951.	700. 2.9	0. 44.					

80		NB 15	AG190678.639647.190434.639378.	3250. 4.2	0.44.0	59
1						
80		NB 15	AG190434.639378.190212.639090.	3250. 4.2	0.44.0	59
1						
80		NB 15	AG190212.639090.190063.638865.	3250. 4.2	0.44.0	59
1.0	0.4	1000. 0.0Y	5 0 72			

JOB: I 15 AND ROSEMONT
DATE: 03/15/2007 TIME: 20:18:14.24

RUN: I 15 AND ROSEMONT B215 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)	(VEH)
1.	1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3250.	4.2	.0	44.0	
2.	2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3250.	4.2	.0	44.0	
3.	3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3250.	4.2	.0	44.0	
4.	4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	675.	2.9	.0	32.0	
5.	4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	675.	2.9	.0	32.0	
6.	4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	675.	2.9	.0	32.0	
7.	4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	675.	2.9	.0	32.0	
8.	4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	675.	2.9	.0	32.0	
9.	4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	675.	2.9	.0	32.0	
10.	4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	675.	2.9	.0	32.0	
11.	11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	200.	2.9	.0	32.0	
12.	12	NBOFFRAMP*	191923.0	640241.0	192074.4	640417.9	*	233.	41. AG	73. 100.0	.0	12.0	1.03 11.8	
13.	14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	475.	2.9	.0	32.0	
14.	14	NBOFFRAMP*	191897.0	640277.0	195186.1	641165.7	*	3407.	75. AG	73. 100.0	.0	12.0	2.73 173.1	
15.	15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	275.	2.9	.0	32.0	
16.	15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	275.	2.9	.0	32.0	
17.	15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	275.	2.9	.0	32.0	
18.	15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	275.	2.9	.0	32.0	
19.	15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	275.	2.9	.0	32.0	
20.	15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	275.	2.9	.0	32.0	
21.	15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	275.	2.9	.0	32.0	
22.	22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	275.	2.9	.0	32.0	
23.	23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3250.	4.2	.0	44.0	
24.	24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.9	.0	32.0	
25.	24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.9	.0	32.0	
26.	24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.9	.0	32.0	
27.	24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.9	.0	32.0	
28.	24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.9	.0	32.0	
29.	24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.9	.0	32.0	
30.	30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	68. 100.0	.0	12.0	2.25 207.6	
31.	31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	275.	2.9	.0	32.0	
32.	31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	275.	2.9	.0	32.0	
33.	31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	275.	2.9	.0	32.0	
34.	31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	275.	2.9	.0	32.0	
35.	31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	275.	2.9	.0	32.0	
36.	31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	275.	2.9	.0	32.0	
37.	31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	275.	2.9	.0	32.0	
38.	31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	275.	2.9	.0	32.0	
39.	31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	275.	2.9	.0	32.0	
40.	40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3175.	4.2	.0	44.0	
41.	41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3175.	4.2	.0	44.0	
42.	42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.9	.0	32.0	
43.	42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.9	.0	32.0	
44.	42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.9	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 03/15/2007 TIME: 20:18:14.24

RUN: I 15 AND ROSEMONT B215 PM

LINK VARIABLES

LINK DESCRIPTION		*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
		*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.9		32.0		
46.	42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.9		32.0		
47.	42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.9		32.0		
48.	42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.9		32.0		
49.	42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.9		32.0		
50.	50	SB15 RAMP *	191284.0	640746.0	191271.1	640728.5	*	22.	216. AG	65.	100.0		12.0	.36	1.1
51.	51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.9		44.0		
52.	52	SB15 RAMP *	191328.0	640725.0	191324.7	640723.8	*	3.	249. AG	131.	100.0		24.0	.05	.2
53.	53	SB 15 *	191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	2875.	4.2		44.0		
54.	54	SB 15 *	191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	2875.	4.2		44.0		
55.	55	SB 15 *	190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	3175.	4.2		44.0		
56.	56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	775.	2.9		44.0		
57.	57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	775.	2.9		44.0		
58.	58	WB ROSE Q *	191949.0	640193.0	192671.6	639564.2	*	958.	131. AG	133.	100.0		24.0	1.21	48.7
59.	59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	775.	2.9		44.0		
60.	60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1050.	2.9		44.0		
61.	61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1050.	2.9		44.0		
62.	62	WB ROSE Q *	191330.0	640769.0	191417.3	640686.5	*	120.	133. AG	96.	100.0		24.0	.84	6.1
63.	63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1050.	2.9		44.0		
64.	64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1050.	2.9		44.0		
65.	65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1050.	2.9		44.0		
66.	66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1600.	2.9		44.0		
67.	67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	650.	2.9		32.0		
68.	67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	650.	2.9		32.0		
69.	67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	650.	2.9		32.0		
70.	67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	650.	2.9		32.0		
71.	67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	650.	2.9		32.0		
72.	67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	650.	2.9		32.0		
73.	67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	650.	2.9		32.0		
74.	67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	650.	2.9		32.0		
75.	67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	650.	2.9		32.0		
76.	76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	700.	2.9		44.0		
77.	77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	700.	2.9		44.0		
78.	78	eB ROSE Q *	* 191279.0	640802.0	191219.7	640856.2	*	80.	312. AG	104.	100.0		24.0	.63	4.1
79.	79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	700.	2.9		44.0		
80.	80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	850.	2.9		44.0		

S34B215P

81.	81	EB ROSE Q	* 191867.0	640244.0	191721.6	640377.7	*	198.	313.	AG	101.	100.0	.0	24.0	.67	10.0
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	850.	2.9	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	3175.	4.2	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	3175.	4.2	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	3175.	4.2	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3250.	4.2	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3250.	4.2	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3250.	4.2	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3250.	4.2	.0	44.0		

1

PAGE 3

JOB: I 15 AND ROSEMONT RUN: I 15 AND ROSEMONT B215 PM
 DATE: 03/15/2007 TIME: 20:18:14.24

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	123	4.0	200	1770	32.20	2 3
14. 14	NBOFFRAMP *	145	123	4.0	475	1583	32.20	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	32.20	2 3
50. 50	SB15 RAMP *	70	53	4.0	75	1342	32.20	2 3
52. 52	SB15 RAMP *	70	53	4.0	25	1583	32.20	2 3
58. 58	WB ROSE Q *	145	112	4.0	775	1727	32.20	2 3
62. 62	WB ROSE Q *	70	39	4.0	1050	1749	32.20	2 3
78. 78	EB ROSE Q *	70	42	4.0	700	1760	32.20	2 3
81. 81	EB ROSE Q *	145	85	4.0	850	1711	32.20	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT *	191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER *	191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER *	191587.0	640352.0	5.0	*
4. REC 4 SE CORNER *	191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER *	191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE *	191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE *	191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE *	192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER *	191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER *	191767.0	640384.0	5.0	*
11. REC 11 NE CORNER *	191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER *	191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE *	191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE *	192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE *	191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE *	191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER *	191688.0	640574.0	5.0	*
18. REC 18 NW CORNER *	191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE *	191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN *	191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN *	191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN *	191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN *	191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE *	191509.0	640548.0	5.0	*
25. REC 25 SW CORNER *	191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER *	191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE *	191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE *	191259.0	640324.0	5.0	*

1

PAGE 4

JOB: I 15 AND ROSEMONT RUN: I 15 AND ROSEMONT B215 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.7	.7	.7	.9	.7	.7	.7	.4	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0
5.	.8	.7	.7	.9	.7	.7	.8	.4	.3	.3	.7	.7	.6	.7	.1	.0	.0	.0	.0	.0
10.	.8	.8	.8	.9	.7	.7	.9	.4	.3	.3	.7	.7	.7	.7	.1	.1	.0	.0	.0	.0
15.	.9	.8	.8	1.0	.7	.8	.9	.3	.2	.5	.8	.8	.8	.8	.1	.1	.0	.0	.0	.0
20.	.8	.8	.8	1.0	.8	.8	.9	.2	.2	.5	.8	.9	.8	.8	.1	.1	.0	.0	.0	.0
25.	.9	.9	.9	1.0	1.0	.7	.7	.2	.2	.4	.9	.9	.7	.8	.2	.1	.1	.0	.0	.0
30.	1.0	.9	.9	1.1	.9	.7	.6	.1	.2	.3	1.1	.9	.8	.9	.2	.1	.1	.0	.0	.0
35.	1.0	1.0	1.1	1.2	.8	.7	.6	.1	.2	.4	1.0	1.1	.8	.9	.3	.2	.1	.0	.0	.0
40.	1.1	1.2	1.1	1.2	.9	.7	.6	.1	.2	.3	1.0	1.0	.9	.9	.4	.3	.3	.0	.0	.0
45.	1.3	1.1	1.1	1.1	.8	.6	.6	.1	.1	.3	1.0	1.0	.8	.8	.6	.5	.3	.2	.0	.0
50.	1.1	1.1	1.0	1.1	.7	.6	.6	.1	.1	.2	.9	.9	.6	.8	.8	.6	.6	.3	.1	.0
55.	.9	1.0	.9	1.0	.6	.5	.6	.1	.0	.1	.8	.8	.5	.6	.9	.8	.8	.4	.1	.0
60.	.6	.7	.6	.7	.6	.5	.6	.1	.0	.1	.6	.5	.3	.4	1.0	1.0	.9	.5	.3	.1
65.	.4	.5	.5	.5	.5	.5	.6	.1	.0	.0	.4	.3	.2	.3	1.1	1.1	1.0	.7	.3	.2
70.	.2	.3	.3	.4	.5	.6	.6	.1	.1	.0	.3	.2	.1	.2	1.0	1.0	.9	.7	.3	.2
75.	.2	.4	.2	.3	.6	.6	.5	.1	.1	.1	.1	.1	.0	.1	1.0	.9	.9	.8	.4	.2
80.	.2	.3	.3	.4	.6	.7	.5	.0	.2	.1	.2	.1	.0	.1	.9	.9	.9	.7	.4	.3
85.	.0	.3	.3	.4	.6	.7	.5	.0	.2	.1	.2	.2	.0	.1	.9	.9	.8	.7	.4	.3
90.	.0	.3	.3	.4	.6	.7	.5	.0	.2	.1	.2	.2	.1	.0	.8	.8	.8	.6	.4	.2
95.	.1	.2	.3	.4	.7	.6	.5	.0	.2	.1	.2	.1	.1	.0	.8	.8	.7	.6	.4	.2
100.	.1	.1	.2	.4	.7	.6	.5	.0	.2	.1	.1	.1	.1	.0	.7	.7	.8	.6	.3	.3
105.	.1	.2	.2	.3	.7	.6	.6	.0	.2	.1	.1	.1	.0	.0	.7	.8	.7	.6	.3	.2
110.	.1	.1	.3	.4	.7	.5	.6	.1	.2	.1	.0	.0	.0	.0	.7	.7	.7	.6	.3	.2
115.	.0	.1	.2	.5	.7	.5	.5	.1	.4	.1	.1	.0	.0	.0	.7	.7	.6	.6	.3	.2
120.	.0	.1	.1	.4	.5	.5	.5	.2	.3	.1	.2	.0	.0	.0	.7	.6	.6	.6	.3	.3

S34B215P

125.	*	.0	.1	.1	.4	.5	.5	.4	.4	.3	.2	.3	.0	.0	.0	.7	.6	.6	.7	.4	.3
130.	*	.0	.0	.1	.3	.4	.4	.4	.6	.3	.3	.3	.1	.0	.0	.7	.6	.7	.7	.5	.4
135.	*	.0	.0	.0	.2	.4	.3	.3	.7	.3	.4	.4	.1	.1	.0	.6	.7	.7	.9	.6	.4
140.	*	.0	.0	.0	.2	.3	.1	.2	.8	.4	.4	.6	.1	.1	.0	.7	.8	.8	.9	.7	.5
145.	*	.0	.0	.0	.0	.1	.1	.1	.8	.4	.5	.6	.1	.1	.0	.7	.8	.8	1.0	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.8	.4	.5	.5	.1	.1	.0	.7	.8	.9	.9	.5	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.4	.5	.2	.1	.1	.7	.7	.7	.9	.5	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.5	.1	.1	.1	.8	.6	.7	.8	.5	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.1	.1	.8	.6	.7	.7	.4	.4
170.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.3	.1	.0	.1	.8	.7	.7	.8	.4	.4
175.	*	.0	.0	.0	.0	.0	.1	.0	.7	.5	.5	.3	.1	.0	.1	.7	.8	.6	.8	.4	.4
180.	*	.0	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.0	.1	.7	.8	.7	.8	.4	.4
185.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.2	.1	.1	.0	.7	.7	.7	.8	.4	.4
190.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.2	.1	.1	.0	.7	.7	.7	.8	.4	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.6	.5	.4	.3	.1	.1	.0	.8	.8	.7	.8	.4	.4
200.	*	.1	.1	.1	.0	.1	.1	.0	.6	.5	.5	.3	.2	.1	.0	.9	.8	.8	.8	.4	.4
205.	*	.1	.1	.1	.1	.1	.1	.0	.6	.5	.5	.3	.2	.1	.0	.9	.8	.8	.9	.4	.3

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.1	.1	.1	.1	.1	.0	.6	.6	.5	.3	.1	.1	.2	1.0	.9	.8	.8	.4	.4
215.	*	.2	.2	.2	.1	.0	.1	.0	.6	.5	.4	.4	.2	.1	1.2	.9	.9	.8	.5	.3
220.	*	.3	.4	.3	.2	.0	.1	.1	.7	.5	.4	.5	.3	.1	1.1	1.0	.9	.7	.5	.3
225.	*	.5	.5	.5	.3	.0	.0	.1	.7	.4	.4	.6	.4	.2	1.1	1.0	.9	.8	.3	.2
230.	*	.6	.6	.7	.5	.0	.0	.1	.7	.4	.4	.8	.5	.3	1.0	.8	.8	.7	.2	.2
235.	*	.9	.8	.9	.8	.0	.0	.1	.7	.4	.5	.9	.8	.5	.8	.9	.7	.4	.1	.2
240.	*	1.0	.9	.9	.8	.2	.0	.1	.7	.4	.6	1.1	.9	.7	.9	.8	.5	.4	.2	.2
245.	*	1.0	.9	1.1	1.0	.3	.0	.1	.7	.4	.7	1.2	.9	.7	1.0	.6	.4	.3	.2	.2
250.	*	1.0	1.0	1.1	1.0	.4	.1	.1	.7	.6	.7	1.2	.9	.8	.9	.4	.2	.2	.1	.2
255.	*	.9	1.0	1.0	.9	.3	.3	.1	.7	.5	.6	1.0	.9	.8	.9	.3	.2	.1	.1	.2
260.	*	.9	.9	.9	.7	.2	.2	.1	.7	.5	.6	1.1	.9	.8	.9	.2	.1	.1	.2	.2
265.	*	.8	.9	.9	.8	.3	.1	.1	.7	.5	.6	1.0	.8	.7	.8	.1	.1	.1	.2	.2
270.	*	.8	.7	.8	.8	.3	.1	.1	.7	.7	.6	1.0	.8	.7	.8	.1	.1	.0	.2	.2
275.	*	.8	.8	.8	.7	.3	.1	.1	.6	.6	.6	1.0	.8	.7	.7	.1	.1	.0	.2	.2
280.	*	.7	.7	.7	.7	.3	.2	.2	.7	.6	.5	.9	.8	.7	.7	.1	.1	.0	.2	.2
285.	*	.7	.7	.7	.7	.3	.2	.2	.7	.6	.6	1.0	.8	.7	.7	.1	.0	.0	.2	.3
290.	*	.7	.7	.7	.7	.3	.2	.2	.7	.7	.6	1.0	.7	.6	.7	.1	.0	.0	.2	.3
295.	*	.7	.6	.7	.6	.3	.2	.2	.7	.7	.6	1.0	.7	.6	.6	.1	.0	.0	.2	.4
300.	*	.7	.7	.7	.6	.3	.2	.3	.7	.6	.6	.9	.6	.6	.6	.0	.0	.1	.2	.4
305.	*	.7	.7	.7	.6	.4	.4	.4	.6	.6	.6	.9	.6	.6	.6	.0	.0	.1	.2	.3
310.	*	.7	.7	.7	.6	.5	.5	.4	.5	.6	.5	.8	.6	.6	.6	.0	.0	.1	.2	.4
315.	*	.6	.7	.7	.7	.5	.5	.5	.5	.3	.4	.9	.6	.6	.6	.0	.0	.1	.2	.4
320.	*	.7	.7	.7	.8	.5	.6	.5	.2	.3	.4	.8	.7	.6	.7	.0	.0	.0	.2	.4
325.	*	.7	.7	.7	.9	.5	.6	.5	.3	.3	.4	.8	.7	.6	.7	.0	.0	.0	.2	.4
330.	*	.7	.7	.7	.9	.5	.7	.4	.3	.3	.4	.8	.7	.6	.7	.0	.0	.0	.2	.4
335.	*	.7	.7	.7	.8	.5	.7	.4	.2	.2	.3	.6	.6	.6	.6	.0	.0	.0	.2	.4
340.	*	.6	.7	.7	.8	.6	.7	.5	.2	.2	.3	.6	.6	.6	.6	.0	.0	.0	.2	.4
345.	*	.7	.6	.6	.8	.6	.7	.3	.2	.2	.3	.6	.6	.6	.6	.0	.0	.0	.2	.4
350.	*	.7	.7	.7	.8	.6	.7	.4	.3	.2	.3	.6	.6	.6	.6	.1	.0	.0	.2	.4
355.	*	.7	.7	.7	.9	.6	.7	.6	.4	.2	.3	.7	.5	.7	.1	.0	.0	.0	.2	.4
360.	*	.7	.7	.7	.9	.7	.7	.7	.4	.2	.3	.7	.7	.7	.1	.0	.0	.0	.2	.4
MAX	*	1.3	1.2	1.1	1.2	1.0	.8	.9	.8	.7	.7	1.2	1.1	.9	1.0	1.2	1.1	1.0	.7	.5
DEGR.	*	45	40	35	35	25	15	10	140	270	245	245	35	40	245	215	65	65	145	140

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.2	.2	.0	.0	.0
5.	*	.0	.1	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.0	.0	.0
25.	*	.0	.2	.2	.2	.0	.0	.0
30.	*	.0	.2	.2	.2	.1	.1	.0
35.	*	.0	.2	.2	.2	.1	.1	.0
40.	*	.0	.2	.2	.2	.3	.2	.0
45.	*	.0	.2	.2	.2	.3	.4	.0
50.	*	.0	.2	.2	.3	.5	.6	.1
55.	*	.0	.2	.2	.3	.6	.7	.2
60.	*	.0	.2	.3	.5	.8	.9	.5
65.	*	.0	.2	.4	.5	1.0	1.0	.4
70.	*	.0	.2	.4	.5	1.0	.9	.4
75.	*	.0	.3	.4	.6	.9	1.0	.4
80.	*	.1	.4	.5	.5	.9	.8	.5
85.	*	.2	.4	.5	.6	.9	.8	.4
90.	*	.2	.5	.4	.6	.9	.8	.5
95.	*	.2	.5	.5	.5	.9	.7	.5
100.	*	.1	.4	.4	.5	.8	.7	.4
105.	*	.1	.3	.4	.5	.8	.7	.4
110.	*	.1	.4	.4	.5	.8	.7	.5
115.	*	.1	.4	.4	.5	.8	.7	.5
120.	*	.1	.3	.4	.7	1.0	.8	.3
125.	*	.2	.3	.5	.7	1.0	.7	.3
130.	*	.3	.3	.5	.8	1.0	.7	.3
135.	*	.4	.2	.5	.7	.9	.6	.3

S34B215P

```

140. * .4 .2 .3 .3 .8 .6 .6 .3
145. * .5 .2 .2 .3 .7 .6 .6 .3
150. * .6 .2 .2 .3 .6 .6 .6 .4
155. * .6 .2 .2 .3 .6 .6 .6 .4
160. * .6 .2 .2 .3 .6 .6 .6 .3
165. * .6 .1 .2 .3 .6 .6 .6 .3
170. * .5 .1 .2 .3 .6 .6 .6 .3
175. * .4 .0 .2 .3 .6 .6 .6 .3
180. * .4 .0 .2 .3 .6 .7 .6 .3
185. * .4 .0 .2 .3 .6 .7 .7 .4
190. * .4 .2 .2 .3 .6 .7 .7 .4
195. * .4 .1 .3 .3 .7 .7 .8 .3
200. * .4 .1 .2 .3 .7 .7 .9 .3
205. * .4 .1 .3 .4 .7 .8 .7 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----*-----
210. * .2 .0 .2 .4 .7 1.0 .8 .4
215. * .2 .0 .1 .4 .7 .9 .9 .4
220. * .2 .0 .1 .3 .9 .9 .8 .3
225. * .2 .0 .0 .1 .8 .9 .7 .3
230. * .1 .0 .0 .1 .6 .7 .6 .1
235. * .1 .0 .0 .0 .4 .5 .4 .1
240. * .1 .0 .0 .0 .3 .4 .3 .0
245. * .1 .0 .0 .0 .1 .2 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .1 .0 .0
265. * .2 .0 .0 .0 .0 .0 .0 .0
270. * .2 .0 .0 .0 .0 .0 .0 .0
275. * .3 .0 .0 .0 .0 .0 .0 .0
280. * .3 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .2 .0 .0 .1 .1 .0 .0 .0
310. * .1 .0 .2 .1 .1 .0 .0 .0
315. * .1 .0 .2 .3 .2 .0 .0 .0
320. * .0 .1 .3 .3 .2 .0 .0 .0
325. * .0 .1 .3 .3 .2 .0 .0 .0
330. * .0 .1 .3 .3 .2 .0 .0 .0
335. * .0 .2 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .1 .3 .2 .2 .0 .0 .0
350. * .0 .0 .3 .2 .2 .0 .0 .0
355. * .0 .0 .2 .2 .2 .0 .0 .0
360. * .0 .0 .2 .2 .2 .0 .0 .0
-----*-----
MAX * .6 .5 .5 .8 1.0 1.0 .9 .5
DEGR. * 150 90 80 130 120 65 60 60

```

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 45 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 40 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 35 DEGREES FROM REC4 .

```

1

JOB: I 15 AND ROSEMONT

DATE: 03/15/2007 TIME: 20:18:14.24

RUN: I 15 AND ROSEMONT B215 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* * CO/LINK (PPM)
* * ANGLE (DEGREES)
LINK # * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
* * 45 40 35 35 25 15 10 140 270 245 245 35 40 245 215 65 65 145 140 140
-----*-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .7 .8 .8 .7 .2 .1 .0 .0 .1 .1 .8 .6 .1 .2 .2 .0 .0 .2 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .1 .0 .1 .1 .1 .1 .0 .0 .0 .0 .2 .6 .6 .1 .2 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```


S34B215P

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.2	.0	.7	.3	.2	.0	.0	.0	.0
41	*	.2	.2	.2	.1	.1	.0	.0	.0	.1	.0	.1	.0	.2	.2	.6	.6	.4	.2	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 40	REC3 35	REC4 35	REC5 25	REC6 15	REC7 10	REC8 140	REC9 270	REC10 245	REC11 245	REC12 35	REC13 40	REC14 245	REC15 215	REC16 65	REC17 65	REC18 145	REC19 140	REC20 140
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 03/15/2007 TIME: 20:18:14.24

RUN: I 15 AND ROSEMONT B215 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 150	REC22 90	REC23 80	REC24 130	REC25 120	REC26 65	REC27 60	REC28 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.1	.2	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.0	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.0	.0	.1	.1
41	*	.1	.0	.1	.2	.4	.7	.6
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B215P

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B215 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 150	REC22 90	REC23 80	REC24 130	REC25 120	REC26 65	REC27 60	REC28 60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.1	.1	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.1	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.1	.1	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34NB30A.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT NB30 AM		89	1	1

1					
1	NB 15	AG190860.639818.191068.639999.	3450.3.5	0.44.	55
2	NB 15	AG191068.639999.191332.640193.	3450.3.5	0.44.	55
3	NB 15	AG191332.640193.191857.640571.	3450.3.5	0.44.	55
4	NB OFFRAMPAG191857.640571.191960.640623.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	650.2.6	0.32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	650.2.6	0.32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	225.2.6	0.32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0.12.	1		
135	81 4.0 1 28.3 1770 2 3				
14	NB OFFRAMPAG191970.640296.191878.640271.	425.2.6	0.32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0.12.	1		
135	112 4.0 425 28.3 1583 2 3				
15	SB 2ND ST AG191905.640219.191845.640144.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	600.2.6	0.32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	600.2.6	0.32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	600.2.6	0.32.	30.0	
23	NB 15 AG191857.640571.192459.641017.	3000.3.5	0.44.	54.1	
24	NB 2ND ST AG191873.639485.191811.639835.	225.2.6	0.32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	225.2.6	0.32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	225.2.6	0.32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	225.2.6	0.32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	225.2.6	0.32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	225.2.6	0.32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0.12.	1		
135	115 4.0 225 28.3 1715 2 3				
31	NB 15 ON RAG191934.640223.191986.640270.	200.2.6	0.32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	200.2.6	0.32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	200.2.6	0.32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	200.2.6	0.32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	200.2.6	0.32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	200.2.6	0.32.	30.0	

S34NB30A.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	200. 2.6	0. 32. 30.0
31	NB 15 ON RAG192329.640883.192397.640944.	200. 2.6	0. 32. 30.0
31	NB 15 ON RAG192397.640944.192459.641017.	200. 2.6	0. 32. 30.0
40	SB 15 AG192414.641075.191866.640671.	4050. 3.4	0. 44. 50
41	SB 15 AG191866.640671.191396.640337.	4050. 3.4	0. 44. 50
42	SB 15 OFFRAG191396.640337.191304.640300.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32. 30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
65	49 4.0 1 28.3 1493 2 3		
51	SB 15 OFFRAG191246.640695.191341.640730.	75. 2.6	0. 44. 30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
65	49 4.0 75 28.3 1446 2 3		
53	SB 15 AG191396.640337.191282.640244.	3900. 3.2	0. 44. 48
54	SB 15 AG191282.640244.190930.639988.	3900. 3.2	0. 44. 48
55	SB 15 AG190930.639988.190811.639884.	4725. 3.2	0. 44. 48
56	WB ROSEMONAG192403.639820.192097.640064.	400. 2.6	0. 44. 30
57	WB ROSEMONAG192097.640064.191916.640222.	400. 2.6	0. 44. 30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
135	113 4.0 400 28.3 1715 2 3		
59	WB ROSEMONAG191916.640222.191878.640271.	450. 2.6	0. 44. 30
60	WB ROSEMONAG191878.640271.191817.640307.	875. 2.6	0. 44. 30
61	WB ROSEMONAG191817.640307.191306.640792.	875. 2.6	0. 44. 30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
65	40 4.0 875 28.3 1730 2 3		
63	WB ROSEMONAG191306.640792.191144.640951.	800. 2.6	0. 44. 30
64	WB ROSEMONAG191144.640951.191046.641019.	800. 2.6	0. 44. 30
65	WB ROSEMONAG191046.641019.190888.641123.	800. 2.6	0. 44. 30
66	EB ROSEMONAG190873.641107.190977.641037.	1575. 2.6	0. 44. 30
67	SB 270 ONRAG190977.641037.191077.640931.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191077.640931.191137.640865.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191137.640865.191176.640783.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191176.640783.191178.640713.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191178.640713.191156.640575.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191156.640575.191108.640301.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191108.640301.191083.640220.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191083.640220.191038.640125.	825. 2.6	0. 32. 30
67	SB 270 ONRAG191038.640125.190930.639988.	825. 2.6	0. 32. 30
76	EB ROSE AG190977.641037.191115.640951.	825. 2.6	0. 44. 30
77	EB ROSE AG191115.640951.191305.640778.	825. 2.6	0. 44. 30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
65	33 4.0 825 28.3 1764 2 3		
79	EB ROSE AG191307.640777.191579.640509.	900. 2.6	0. 44. 30
80	EB ROSE AG191579.640509.191907.640207.	1425. 2.6	0. 44. 30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
135	61 4.0 1425 28.3 1716 2 3		
80	EB ROSE AG191907.640207.192388.639800.	975. 2.6	0. 44. 30
80	SB 15 AG190810.639884.190461.639523.	4725. 3.3	0.44.0 48
80	SB 15 AG190461.639524.190212.639214.	4725. 3.3	0.44.0 48
80	SB 15 AG190212.639214.190004.638912.	4725. 3.3	0.44.0 48
80	NB 15 AG190860.639817.190678.639647.	3450. 3.5	0.44.0 55

80		NB 15	AG190678.639647.190434.639378.	3450. 3.5	S34NB30A.DAT	0.44.0	55
1							
80		NB 15	AG190434.639378.190212.639090.	3450. 3.5		0.44.0	55
1							
80		NB 15	AG190212.639090.190063.638865.	3450. 3.5		0.44.0	55
1.0	0.4 1000. 0.0Y	5	0 72				

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:22:42.88

RUN: I 15 AND ROSEMONT NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3450.	3.5	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3450.	3.5	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3450.	3.5	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	650.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	650.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	650.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	650.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	650.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	650.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	650.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	225.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00 .0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	425.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194397.2	640952.5	*	2590.	75. AG	63.	100.0	.0	12.0	2.14 131.6
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3000.	3.5	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191456.4	639680.2	*	673.	221. AG	65.	100.0	.0	12.0	1.27 34.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4050.	3.4	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4050.	3.4	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:22:42.88

RUN: I 15 AND ROSEMONT NB30 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.8	*	0.	215. AG	57.	100.0	.0	12.0	.00 .0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.17 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3900.	3.2	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3900.	3.2	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4725.	3.2	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	400.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	400.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192075.1	640083.3	*	167.	131. AG	127.	100.0	.0	24.0	.99 8.5
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	450.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	875.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	875.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191411.2	640692.3	*	112.	133. AG	93.	100.0	.0	24.0	.87 5.7
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	800.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	800.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	800.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1575.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	825.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	825.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	825.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	825.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	825.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	825.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	825.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	825.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	825.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	825.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	825.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191224.1	640852.2	*	74.	312. AG	77.	100.0	.0	24.0	.58 3.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1425.	2.6	.0	44.0	

S34NB30A.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191692.1	640404.7	*	237.	313.	AG	69.	100.0	.0	24.0	.82	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	975.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4725.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4725.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4725.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3450.	3.5	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3450.	3.5	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3450.	3.5	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3450.	3.5	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:22:42.88

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	* RED TIME (SEC)	* CLEARANCE LOST TIME (SEC)	* APPROACH VOL (VPH)	* SATURATION FLOW RATE (VPH)	* IDLE EM FAC (gm/hr)	* SIGNAL TYPE	* ARRIVAL RATE
12. 12	NBOFFRAMP	* 135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP	* 135	112	4.0	425	1583	28.30	2 3
30. 30	NB 2ND ST	* 135	115	4.0	225	1715	28.30	2 3
50. 50	SB15 RAMP	* 65	49	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP	* 65	49	4.0	75	1446	28.30	2 3
58. 58	WB ROSE Q	* 135	113	4.0	400	1715	28.30	2 3
62. 62	WB ROSE Q	* 65	40	4.0	875	1730	28.30	2 3
78. 78	EB ROSE Q	* 65	33	4.0	825	1764	28.30	2 3
81. 81	EB ROSE Q	* 135	61	4.0	1425	1716	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z	* Z
1. R1 US15 NB ROSEMONT	* 191330.0	* 640165.0	* 5.0	* 5.0
2. REC 2 164' SE CORNER	* 191519.0	* 640303.0	* 5.0	* 5.0
3. REC 3 82' SE CORNER	* 191587.0	* 640352.0	* 5.0	* 5.0
4. REC 4 SE CORNER	* 191653.0	* 640394.0	* 5.0	* 5.0
5. REC 4 82' ES CORNER	* 191720.0	* 640348.0	* 5.0	* 5.0
6. REC 4 164' ES CORNE	* 191780.0	* 640291.0	* 5.0	* 5.0
7. REC 7 400' ES CORNE	* 191958.0	* 640132.0	* 5.0	* 5.0
8. REC 8 400' EN CORNE	* 192007.0	* 640171.0	* 5.0	* 5.0
9. REC 9 164' EN CORNER	* 191828.0	* 640327.0	* 5.0	* 5.0
10. REC 10 82' EN CORNER	* 191767.0	* 640384.0	* 5.0	* 5.0
11. REC 11 NE CORNER	* 191708.0	* 640436.0	* 5.0	* 5.0
12. REC 12 82' NE CORNER	* 191774.0	* 640483.0	* 5.0	* 5.0
13. REC 13 164' NE CORNE	* 191854.0	* 640532.0	* 5.0	* 5.0
14. REC 14 400' NE CORNE	* 192037.0	* 640674.0	* 5.0	* 5.0
15. REC 15 400' NW CORNE	* 191950.0	* 640754.0	* 5.0	* 5.0
16. REC 16 164' NW CORNE	* 191757.0	* 640620.0	* 5.0	* 5.0
17. REC 17 82' NW CORNER	* 191688.0	* 640574.0	* 5.0	* 5.0
18. REC 18 NW CORNER	* 191622.0	* 640543.0	* 5.0	* 5.0
19. REC 19 72' WN CORNE	* 191576.0	* 640576.0	* 5.0	* 5.0
20. REC 20 164' WN CORN	* 191499.0	* 640640.0	* 5.0	* 5.0
21. REC 21 390' WN CORN	* 191349.0	* 640796.0	* 5.0	* 5.0
22. REC 22 350' WS CORN	* 191316.0	* 640696.0	* 5.0	* 5.0
23. REC 23 164' WS CORN	* 191448.0	* 640606.0	* 5.0	* 5.0
24. REC 24 82' WS CORNE	* 191509.0	* 640548.0	* 5.0	* 5.0
25. REC 25 SW CORNER	* 191563.0	* 640496.0	* 5.0	* 5.0
26. REC 26 82' SW CORNER	* 191504.0	* 640445.0	* 5.0	* 5.0
27. REC 27 164' SW CORNE	* 191442.0	* 640403.0	* 5.0	* 5.0
28. REC 28 350' SW CORNE	* 191259.0	* 640324.0	* 5.0	* 5.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* .7	* .6	* .6	* .8	* .7	* .6	* .4	* .2	* .2	* .3	* .6	* .6	* .5	* .6	* .1	* .0	* .0	* .0	* .0	* .0
5.	* .7	* .7	* .7	* .8	* .7	* .6	* .5	* .2	* .3	* .3	* .7	* .7	* .6	* .6	* .1	* .0	* .0	* .0	* .0	* .0
10.	* .7	* .7	* .7	* .9	* .7	* .6	* .5	* .2	* .3	* .3	* .7	* .7	* .6	* .6	* .1	* .1	* .0	* .0	* .0	* .0
15.	* .8	* .7	* .7	* .9	* .7	* .7	* .6	* .3	* .2	* .4	* .7	* .7	* .6	* .6	* .1	* .1	* .0	* .0	* .0	* .0
20.	* .8	* .8	* .8	* .9	* .8	* .6	* .6	* .3	* .2	* .4	* .7	* .8	* .6	* .7	* .1	* .1	* .0	* .0	* .0	* .0
25.	* .8	* .8	* .8	* .9	* .8	* .6	* .4	* .1	* .2	* .4	* .9	* .8	* .6	* .7	* .2	* .1	* .1	* .0	* .0	* .0
30.	* 1.0	* .8	* .8	* 1.1	* .8	* .6	* .4	* .1	* .2	* .3	* .9	* .8	* .7	* .7	* .2	* .1	* .1	* .0	* .0	* .0
35.	* .9	* .9	* 1.0	* 1.2	* .7	* .6	* .5	* .1	* .2	* .3	* .9	* .9	* .7	* .8	* .3	* .2	* .1	* .0	* .0	* .0
40.	* 1.0	* 1.0	* 1.1	* 1.1	* .7	* .6	* .5	* .1	* .2	* .2	* .9	* .9	* .7	* .8	* .5	* .3	* .3	* .0	* .0	* .0
45.	* 1.1	* 1.0	* 1.0	* 1.1	* .6	* .5	* .5	* .1	* .1	* .2	* .9	* .9	* .6	* .7	* .6	* .5	* .4	* .2	* .0	* .0
50.	* .9	* 1.0	* 1.0	* .9	* .6	* .4	* .5	* .1	* .0	* .2	* .8	* .7	* .5	* .6	* .8	* .6	* .7	* .3	* .1	* .0
55.	* .7	* .9	* .8	* .8	* .5	* .3	* .5	* .1	* .0	* .1	* .6	* .6	* .4	* .5	* 1.0	* .9	* .8	* .4	* .1	* .0
60.	* .5	* .6	* .6	* .6	* .4	* .3	* .5	* .1	* .0	* .0	* .4	* .5	* .2	* .3	* 1.0	* .9	* .9	* .6	* .3	* .1
65.	* .4	* .4	* .5	* .5	* .4	* .3	* .5	* .1	* .0	* .0	* .3	* .3	* .1	* .2	* 1.0	* 1.1	* .9	* .6	* .3	* .1
70.	* .2	* .3	* .3	* .4	* .4	* .4	* .5	* .1	* .1	* .0	* .2	* .2	* .1	* .1	* 1.1	* 1.0	* 1.0	* .6	* .3	* .2
75.	* .1	* .2	* .4	* .4	* .5	* .4	* .4	* .0	* .1	* .0	* .1	* .1	* .0	* .1	* 1.0	* .9	* .9	* .8	* .4	* .2
80.	* .1	* .2	* .4	* .4	* .5	* .4	* .4	* .0	* .1	* .1	* .1	* .1	* .0	* .1	* .9	* .9	* .7	* .7	* .4	* .3
85.	* .0	* .2	* .4	* .4	* .5	* .4	* .4	* .0	* .1	* .1	* .1	* .1	* .0	* .0	* .9	* .9	* .8	* .7	* .3	* .3
90.	* .0	* .1	* .4	* .4	* .5	* .4	* .4	* .0	* .1	* .1	* .2	* .0	* .0	* .0	* .9	* .8	* .8	* .6	* .4	* .2
95.	* .0	* .1	* .3	* .5	* .6	* .5	* .4	* .0	* .1	* .1	* .1	* .0	* .0	* .0	* .8	* .8	* .8	* .5	* .3	* .2
100.	* .0	* .1	* .3	* .4	* .6	* .5	* .4	* .0	* .1	* .1	* .0	* .0	* .0	* .0	* .7	* .6	* .6	* .6	* .3	* .1
105.	* .0	* .1	* .2	* .4	* .6	* .4	* .3	* .0	* .1	* .1	* .0	* .0	* .0	* .0	* .7	* .6	* .7	* .6	* .3	* .2
110.	* .0	* .0	* .1	* .4	* .6	* .5	* .3	* .0	* .1	* .1	* .0	* .0	* .0	* .0	* .7	* .7	* .7	* .6	* .3	* .2
115.	* .0	* .0	* .0	* .3	* .4	* .5	* .3	* .0	* .1	* .0	* .0	* .0	* .0	* .0	* .7	* .7	* .7	* .6	* .3	* .2
120.	* .0	* .0	* .0	* .3	* .5	* .4	* .2	* .1	* .1	* .0	* .1	* .0	* .0	* .0	* .7	* .7	* .6	* .6	* .3	* .2

S34NB30A.OUT

125.	*	.0	.0	.0	.2	.5	.3	.2	.1	.2	.0	.1	.0	.0	.0	.7	.5	.6	.5	.3	.3
130.	*	.0	.0	.0	.2	.4	.3	.2	.3	.2	.2	.3	.0	.0	.0	.7	.5	.6	.6	.4	.3
135.	*	.0	.0	.0	.2	.2	.3	.1	.3	.2	.4	.3	.0	.0	.0	.7	.7	.6	.8	.5	.4
140.	*	.0	.0	.0	.0	.2	.1	.1	.4	.3	.4	.3	.0	.0	.0	.7	.7	.7	.9	.6	.4
145.	*	.0	.0	.0	.0	.1	.0	.0	.5	.4	.3	.4	.0	.0	.0	.7	.7	.7	.9	.6	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.3	.4	.0	.0	.0	.7	.7	.7	.9	.5	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.4	.0	.0	.0	.7	.7	.7	.9	.5	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.6	.3	.4	.4	.0	.0	.0	.7	.6	.7	.8	.5	.4
165.	*	.0	.0	.0	.0	.0	.0	.0	.6	.3	.4	.4	.1	.0	.0	.7	.6	.7	.8	.5	.4
170.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.1	.0	.0	.7	.7	.8	.8	.5	.4
175.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.2	.0	.0	.7	.7	.8	.8	.4	.4
180.	*	.0	.0	.0	.0	.0	.1	.0	.5	.5	.4	.4	.2	.0	.0	.7	.7	.7	.8	.4	.4
185.	*	.0	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.2	.0	.0	.7	.7	.7	.8	.4	.4
190.	*	.1	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.1	.0	.0	.8	.8	.7	.8	.4	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.1	.0	.0	.7	.8	.8	.8	.4	.4
200.	*	.1	.1	.1	.0	.0	.0	.0	.5	.4	.4	.4	.2	.0	.0	.8	.8	.8	.9	.5	.4
205.	*	.1	.1	.1	.1	.0	.0	.0	.5	.3	.4	.4	.2	.0	.0	1.0	.9	.8	.9	.5	.2

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.1	.1	.0	.0	.0	.5	.3	.4	.4	.2	.0	.1	1.0	.9	.9	.9	.5	.3
215.	*	.2	.2	.2	.1	.0	.0	.0	.5	.3	.4	.4	.2	.1	.1	1.2	1.0	.9	.8	.6	.3
220.	*	.2	.2	.3	.2	.0	.0	.0	.5	.4	.4	.4	.2	.1	.2	1.1	1.0	.8	.9	.6	.3
225.	*	.4	.4	.5	.3	.0	.0	.1	.5	.4	.4	.5	.3	.2	.3	1.1	.9	.8	.9	.4	.2
230.	*	.7	.6	.6	.5	.0	.0	.1	.6	.4	.4	.7	.5	.3	.5	1.0	.9	.8	.6	.4	.2
235.	*	.9	.7	.8	.7	.0	.0	.1	.6	.4	.5	1.0	.6	.4	.7	1.0	.8	.6	.4	.2	.2
240.	*	.9	.8	.9	.8	.2	.0	.1	.6	.4	.5	1.0	.9	.6	.7	.7	.5	.4	.3	.2	.2
245.	*	1.0	.8	1.0	.9	.3	.0	.1	.6	.4	.7	1.1	.9	.7	.8	.6	.4	.3	.2	.2	.2
250.	*	.9	1.0	.9	.9	.3	.1	.1	.6	.5	.7	1.1	.8	.8	.8	.4	.3	.2	.1	.2	.2
255.	*	.8	.8	1.0	.8	.3	.3	.1	.6	.6	.6	1.0	.8	.7	.8	.3	.2	.1	.1	.2	.2
260.	*	.8	.8	.8	.8	.2	.2	.1	.6	.5	.7	1.0	.8	.7	.8	.2	.1	.1	.1	.2	.2
265.	*	.8	.8	.8	.7	.3	.1	.1	.6	.5	.7	1.0	.8	.7	.7	.1	.1	.1	.2	.2	.2
270.	*	.7	.7	.8	.7	.3	.1	.1	.5	.6	.6	.9	.7	.7	.6	.1	.1	.0	.2	.2	.2
275.	*	.7	.7	.7	.7	.3	.2	.1	.5	.6	.6	.9	.7	.6	.7	.1	.1	.0	.2	.2	.2
280.	*	.7	.7	.7	.7	.3	.2	.1	.6	.6	.6	.9	.7	.6	.6	.1	.1	.0	.2	.2	.2
285.	*	.7	.7	.7	.6	.3	.2	.2	.5	.6	.6	.8	.6	.6	.6	.1	.0	.0	.2	.2	.2
290.	*	.6	.6	.6	.6	.3	.2	.2	.6	.6	.6	.8	.6	.6	.6	.1	.0	.0	.2	.2	.3
295.	*	.6	.6	.6	.6	.3	.2	.2	.7	.5	.6	.8	.6	.6	.5	.1	.0	.0	.2	.2	.3
300.	*	.6	.6	.6	.6	.4	.3	.3	.6	.5	.5	.8	.6	.6	.5	.0	.0	.0	.2	.2	.3
305.	*	.6	.6	.6	.6	.4	.4	.3	.5	.5	.5	.8	.6	.6	.5	.0	.0	.0	.1	.2	.3
310.	*	.6	.6	.6	.6	.4	.4	.5	.5	.5	.5	.8	.6	.6	.5	.0	.0	.0	.1	.1	.2
315.	*	.6	.6	.6	.6	.5	.6	.5	.4	.4	.4	.7	.6	.6	.5	.0	.0	.0	.0	.1	.2
320.	*	.6	.6	.6	.7	.7	.6	.5	.2	.3	.4	.7	.6	.6	.6	.0	.0	.0	.0	.0	.2
325.	*	.6	.6	.6	.8	.7	.7	.5	.2	.3	.4	.7	.6	.6	.6	.0	.0	.0	.0	.0	.0
330.	*	.6	.6	.6	.8	.7	.7	.5	.2	.2	.3	.7	.6	.6	.5	.0	.0	.0	.0	.0	.0
335.	*	.6	.6	.6	.8	.8	.7	.4	.1	.2	.3	.6	.6	.6	.5	.0	.0	.0	.0	.0	.0
340.	*	.6	.6	.6	.8	.8	.7	.3	.0	.2	.3	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0
345.	*	.6	.6	.6	.8	.8	.7	.2	.0	.2	.3	.6	.6	.6	.5	.0	.0	.0	.0	.0	.0
350.	*	.6	.6	.6	.8	.8	.7	.2	.0	.2	.3	.6	.6	.6	.5	.1	.0	.0	.0	.0	.0
355.	*	.7	.6	.6	.8	.7	.6	.3	.2	.2	.3	.6	.6	.6	.6	.1	.0	.0	.0	.0	.0
360.	*	.7	.6	.6	.8	.7	.6	.4	.2	.2	.3	.6	.6	.5	.6	.1	.0	.0	.0	.0	.0
MAX DEGR.	*	45	40	40	35	20	15	15	295	255	245	245	35	250	35	215	65	70	140	140	135

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.3	.2	.2	.0	.0	.0
25.	*	.0	.3	.2	.2	.0	.0	.0
30.	*	.0	.3	.2	.2	.1	.1	.0
35.	*	.0	.3	.2	.2	.1	.1	.0
40.	*	.0	.3	.2	.2	.3	.2	.0
45.	*	.0	.3	.2	.2	.5	.4	.1
50.	*	.0	.2	.2	.3	.5	.5	.1
55.	*	.0	.2	.2	.3	.7	.7	.2
60.	*	.0	.2	.3	.5	.8	.9	.4
65.	*	.0	.2	.3	.5	.9	1.0	.4
70.	*	.0	.2	.4	.5	1.0	1.0	.3
75.	*	.0	.3	.5	.6	.9	1.0	.4
80.	*	.1	.3	.5	.5	.9	.9	.4
85.	*	.1	.4	.5	.6	.8	.9	.3
90.	*	.1	.4	.4	.5	.9	.9	.4
95.	*	.1	.4	.3	.5	.9	.8	.4
100.	*	.0	.4	.4	.5	1.0	.8	.3
105.	*	.0	.3	.4	.5	.9	.8	.3
110.	*	.1	.3	.4	.6	.9	.9	.3
115.	*	.1	.4	.4	.6	.9	.8	.3
120.	*	.1	.4	.4	.6	1.0	.6	.3
125.	*	.1	.2	.5	.6	1.0	.6	.3
130.	*	.3	.2	.5	.6	.9	.6	.3
135.	*	.4	.2	.4	.5	.9	.6	.3

S34NB30A.OUT

```

140. * .4 .2 .3 .4 .7 .7 .6 .3
145. * .5 .2 .2 .3 .7 .7 .6 .3
150. * .6 .2 .2 .3 .7 .7 .6 .4
155. * .6 .2 .2 .3 .6 .6 .6 .4
160. * .6 .2 .2 .3 .6 .6 .6 .3
165. * .6 .1 .2 .3 .6 .6 .6 .3
170. * .5 .0 .2 .3 .6 .6 .6 .3
175. * .4 .0 .2 .3 .6 .7 .6 .4
180. * .4 .0 .2 .3 .6 .7 .7 .3
185. * .4 .0 .2 .3 .6 .7 .7 .3
190. * .4 .1 .2 .3 .7 .7 .7 .3
195. * .4 .1 .3 .3 .7 .7 .8 .3
200. * .4 .1 .2 .3 .7 .8 .8 .3
205. * .4 .1 .3 .3 .7 .8 .8 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .0 .2 .4 .6 .9 .8 .4
215. * .3 .0 .1 .4 .7 1.0 .9 .4
220. * .3 .0 .1 .3 .9 1.0 .8 .4
225. * .3 .0 .0 .1 .8 .8 .7 .3
230. * .1 .0 .0 .1 .6 .7 .7 .2
235. * .1 .0 .0 .0 .4 .6 .5 .1
240. * .1 .0 .0 .0 .3 .5 .3 .0
245. * .1 .0 .0 .0 .1 .2 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .0 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .1 .0 .0
265. * .0 .0 .0 .0 .0 .0 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .3 .0 .0 .0 .1 .0 .0 .0
305. * .1 .0 .1 .1 .1 .0 .0 .0
310. * .0 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .2 .1 .1 .0 .0 .0
320. * .0 .0 .2 .3 .2 .0 .0 .0
325. * .0 .0 .3 .3 .2 .0 .0 .0
330. * .0 .1 .3 .2 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .3 .2 .2 .0 .0 .0
345. * .0 .0 .3 .2 .2 .0 .0 .0
350. * .0 .1 .2 .2 .2 .0 .0 .0
355. * .0 .1 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .6 .4 .5 .6 1.0 1.0 1.0 .4
DEGR. * 150 85 75 75 70 65 65 60

```

```

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 35 DEGREES FROM REC4 .
THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 215 DEGREES FROM REC15.
THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 45 DEGREES FROM REC1 .

```

1

JOB: I 15 AND ROSEMONT

DATE: 12/20/2006 TIME: 14:22:42.88

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0
3 * .6 .7 .7 .6 .2 .1 .0 .1 .1 .1 .7 .5 .6 .0 .2 .0 .0 .2 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .0 .1 .1 .0 .1 .1 .0 .0 .0 .0 .1 .0 .6 .1 .2 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34NB30A.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.0	.2	.7	.3	.1	.0	.0
41	*	.2	.2	.2	.2	.1	.0	.0	.1	.0	.0	.1	.1	.2	.0	.2	.6	.7	.4
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 40	REC3 40	REC4 35	REC5 20	REC6 15	REC7 15	REC8 295	REC9 255	REC10 245	REC11 245	REC12 35	REC13 250	REC14 35	REC15 215	REC16 65	REC17 70	REC18 140	REC19 140	REC20 135
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	
81	*	.0	.0	.0	.0	.2	.2	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 12/20/2006 TIME: 14:22:42.88

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 150	REC22 85	REC23 75	REC24 75	REC25 70	REC26 65	REC27 65	REC28 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.0	.1	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.1	.1	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.1	.1	.1	.1
41	*	.1	.0	.1	.2	.5	.7	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34NB30A.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 150	REC22 85	REC23 75	REC24 75	REC25 70	REC26 65	REC27 65	REC28 60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.0	.1	.1	.0	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34NB30P.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT NB30 PM		89	1	1

1					
1	NB 15	AG190860.639818.191068.639999.	4675. 3.1	0. 44.	46
2	NB 15	AG191068.639999.191332.640193.	4675. 3.1	0. 44.	46
3	NB 15	AG191332.640193.191857.640571.	4675. 3.1	0. 44.	46
4	NB OFFRAMPAG191857.640571.191960.640623.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG191960.640623.192030.640626.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192030.640626.192088.640593.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192088.640593.192120.640535.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192120.640535.192120.640486.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192120.640486.192104.640441.	850. 2.6	0. 32.	30.0	
4	NB OFFRAMPAG192104.640441.191970.640296.	850. 2.6	0. 32.	30.0	
11	NB OFFRAMPAG191970.640296.191905.640219.	75. 2.6	0. 32.	30.0	
12	NBOFFRAMP AG191923.640241.191947.640269.	0. 12.	1		
135	81	4.0	1	28.3 1770 2 3	
14	NB OFFRAMPAG191970.640296.191878.640271.	50. 2.6	0. 32.	30.0	
14	NBOFFRAMP AG191897.640277.191934.640287.	0. 12.	1		
90	72	4.0	50	28.3 1723 2 3	
15	SB 2ND ST AG191905.640219.191845.640144.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191845.640144.191808.640099.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191808.640099.191790.640058.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191790.640058.191779.640011.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191779.640011.191779.639965.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191779.639965.191789.639884.	150. 2.6	0. 32.	30.0	
15	SB 2ND ST AG191789.639884.191805.639773.	150. 2.6	0. 32.	30.0	
22	SB 2ND ST AG191805.639773.191855.639481.	150. 2.6	0. 32.	30.0	
23	NB 15 AG191857.640571.192459.641017.	4225. 3.6	0. 44.	56	
24	NB 2ND ST AG191873.639485.191811.639835.	100. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191811.639835.191805.639914.	100. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191805.639914.191797.639982.	100. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191797.639982.191809.640061.	100. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191809.640061.191837.640112.	100. 2.6	0. 32.	30.0	
24	NB 2ND ST AG191837.640112.191934.640223.	100. 2.6	0. 32.	30.0	
30	NB 2ND ST AG191902.640185.191872.640151.	0. 12.	1		
90	74	4.0	100	28.3 1463 2 3	
31	NB 15 ON RAG191934.640223.191986.640270.	350. 2.6	0. 32.	30.0	
31	NB 15 ON RAG191986.640270.192132.640439.	350. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192132.640439.192165.640514.	350. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192165.640514.192184.640621.	350. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192184.640621.192226.640733.	350. 2.6	0. 32.	30.0	
31	NB 15 ON RAG192226.640733.192290.640837.	350. 2.6	0. 32.	30.0	

S34NB30P.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	350. 2.6	0. 32.	30.0
31	NB 15 ON RAG192329.640883.192397.640944.	350. 2.6	0. 32.	30.0
31	NB 15 ON RAG192397.640944.192459.641017.	350. 2.6	0. 32.	30.0
40	SB 15 AG192414.641075.191866.640671.	3775. 3.4	0. 44.	53
41	SB 15 AG191866.640671.191396.640337.	3775. 3.4	0. 44.	53
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.6	0. 32.	30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12.	1	
90	72 4.0 1 28.3 1493 2 3			
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.6	0. 32.	30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 12.	1	
90	72 4.0 25 28.3 1463 2 3			
53	SB 15 AG191396.640337.191282.640244.	3675. 3.4	0. 44.	53
54	SB 15 AG191282.640244.190930.639988.	3675. 3.4	0. 44.	53
55	SB 15 AG190930.639988.190811.639884.	4425. 3.4	0. 44.	53
56	WB ROSEMONAG192403.639820.192097.640064.	875. 2.6	0. 44.	30
57	WB ROSEMONAG192097.640064.191916.640222.	875. 2.6	0. 44.	30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24.	2	
145	115 4.0 875 28.3 1722 2 3			
59	WB ROSEMONAG191916.640222.191878.640271.	1300. 2.6	0. 44.	30
60	WB ROSEMONAG191878.640271.191817.640307.	1850. 2.6	0. 44.	30
61	WB ROSEMONAG191817.640307.191306.640792.	1275. 2.6	0. 44.	30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24.	2	
90	47 4.0 1275 28.3 1751 2 3			
63	WB ROSEMONAG191306.640792.191144.640951.	1200. 2.6	0. 44.	30
64	WB ROSEMONAG191144.640951.191046.641019.	1200. 2.6	0. 44.	30
65	WB ROSEMONAG191046.641019.190888.641123.	1200. 2.6	0. 44.	30
66	EB ROSEMONAG190873.641107.190977.641037.	875. 2.6	0. 44.	30
67	SB 270 ONRAG190977.641037.191077.640931.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191077.640931.191137.640865.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191137.640865.191176.640783.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191176.640783.191178.640713.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191178.640713.191156.640575.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191156.640575.191108.640301.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191108.640301.191083.640220.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191083.640220.191038.640125.	750. 2.6	0. 32.	30
67	SB 270 ONRAG191038.640125.190930.639988.	750. 2.6	0. 32.	30
76	EB ROSE AG190977.641037.191115.640951.	750. 2.6	0. 44.	30
77	EB ROSE AG191115.640951.191305.640778.	750. 2.6	0. 44.	30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24.	2	
90	55 4.0 750 28.3 1762 2 3			
79	EB ROSE AG191307.640777.191579.640509.	900. 2.6	0. 44.	30
80	EB ROSE AG191579.640509.191907.640207.	1025. 2.6	0. 44.	30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24.	2	
145	85 4.0 1025 28.3 1712 2 3			
80	EB ROSE AG191907.640207.192388.639800.	925. 2.6	0. 44.	30
80	SB 15 AG190810.639884.190461.639523.	4425. 3.3	0.44.0	50
80	SB 15 AG190461.639524.190212.639214.	4425. 3.3	0.44.0	50
80	SB 15 AG190212.639214.190004.638912.	4425. 3.3	0.44.0	50
80	NB 15 AG190860.639817.190678.639647.	4675. 3.3	0.44.0	46

80		NB 15	AG190678.639647.190434.639378.	4675. 3.3	S34NB30P.DAT	0.44.0	46
1							
80		NB 15	AG190434.639378.190212.639090.	4675. 3.3		0.44.0	46
1							
80		NB 15	AG190212.639090.190063.638865.	4675. 3.3		0.44.0	46
1.0	0.4	1000. 0.0Y	5 0 72				

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:24:54.04

RUN: I 15 AND ROSEMONT NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4675.	3.1	.0	44.0		
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4675.	3.1	.0	44.0		
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4675.	3.1	.0	44.0		
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	850.	2.6	.0	32.0		
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	850.	2.6	.0	32.0		
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	850.	2.6	.0	32.0		
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	850.	2.6	.0	32.0		
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	850.	2.6	.0	32.0		
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	850.	2.6	.0	32.0		
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	850.	2.6	.0	32.0		
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	75.	2.6	.0	32.0		
12. 12	NBOFFRAMP *	191923.0	640241.0	191923.3	640241.4	*	0.	40. AG	46.	100.0	.0	12.0	.00	.0
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	50.	2.6	.0	32.0		
14. 14	NBOFFRAMP *	191897.0	640277.0	191916.0	640282.2	*	20.	75. AG	61.	100.0	.0	12.0	.22	1.0
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	150.	2.6	.0	32.0		
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	150.	2.6	.0	32.0		
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	150.	2.6	.0	32.0		
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	150.	2.6	.0	32.0		
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	150.	2.6	.0	32.0		
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	150.	2.6	.0	32.0		
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	150.	2.6	.0	32.0		
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	150.	2.6	.0	32.0		
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	4225.	3.6	.0	44.0		
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	100.	2.6	.0	32.0		
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	100.	2.6	.0	32.0		
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	100.	2.6	.0	32.0		
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	100.	2.6	.0	32.0		
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	100.	2.6	.0	32.0		
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	100.	2.6	.0	32.0		
30. 30	NB 2ND ST *	191902.0	640185.0	191875.2	640154.7	*	40.	221. AG	62.	100.0	.0	12.0	.62	2.1
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	350.	2.6	.0	32.0		
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	350.	2.6	.0	32.0		
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	350.	2.6	.0	32.0		
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	350.	2.6	.0	32.0		
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	350.	2.6	.0	32.0		
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	350.	2.6	.0	32.0		
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	350.	2.6	.0	32.0		
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	350.	2.6	.0	32.0		
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	350.	2.6	.0	32.0		
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	3775.	3.4	.0	44.0		
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	3775.	3.4	.0	44.0		
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0		
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0		
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0		

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:24:54.04

RUN: I 15 AND ROSEMONT NB30 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0		
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0		
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0		
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0		
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0		
50. 50	SB15 RAMP *	191284.0	640746.0	191283.8	640745.7	*	0.	216. AG	61.	100.0	.0	12.0	.01	.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	32.0		
52. 52	SB15 RAMP *	191328.0	640725.0	191318.8	640721.6	*	10.	249. AG	61.	100.0	.0	12.0	.13	.5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3675.	3.4	.0	44.0		
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3675.	3.4	.0	44.0		
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4425.	3.4	.0	44.0		
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	875.	2.6	.0	44.0		
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	875.	2.6	.0	44.0		
58. 58	WB ROSE Q *	191949.0	640193.0	193349.9	638973.9	*	1857.	131. AG	120.	100.0	.0	24.0	1.53	94.3
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	1300.	2.6	.0	44.0		
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1850.	2.6	.0	44.0		
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1275.	2.6	.0	44.0		
62. 62	WB ROSE Q *	191330.0	640769.0	191460.1	640646.1	*	179.	133. AG	79.	100.0	.0	24.0	.89	9.1
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1200.	2.6	.0	44.0		
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1200.	2.6	.0	44.0		
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1200.	2.6	.0	44.0		
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	875.	2.6	.0	44.0		
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	750.	2.6	.0	32.0		
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	750.	2.6	.0	32.0		
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	750.	2.6	.0	32.0		
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	750.	2.6	.0	32.0		
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	750.	2.6	.0	32.0		
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	750.	2.6	.0	32.0		
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	750.	2.6	.0	32.0		
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	750.	2.6	.0	32.0		
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	750.	2.6	.0	32.0		
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0		
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0		
78. 78	eB ROSE Q *	191279.0	640802.0	191195.7	640878.1	*	113.	312. AG	93.	100.0	.0	24.0	.66	5.7
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	900.	2.6	.0	44.0		
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1025.	2.6	.0	44.0		

S34NB30P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191691.8	640405.0	*	238.	313.	AG	89.	100.0	.0	24.0	.80	12.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	4425.	3.3	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	4425.	3.3	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	4425.	3.3	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	4675.	3.3	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	4675.	3.3	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	4675.	3.3	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	4675.	3.3	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/20/2006 TIME: 14:24:54.04

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	135	81	4.0	1	1770	28.30	2 3
14. 14	NBOFFRAMP *	90	72	4.0	50	1723	28.30	2 3
30. 30	NB 2ND ST *	90	74	4.0	100	1463	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	1	1493	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1463	28.30	2 3
58. 58	WB ROSE Q *	145	115	4.0	875	1722	28.30	2 3
62. 62	WB ROSE Q *	90	47	4.0	1275	1751	28.30	2 3
78. 78	eB ROSE Q *	90	55	4.0	750	1762	28.30	2 3
81. 81	EB ROSE Q *	145	85	4.0	1025	1712	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT *	191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER *	191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER *	191587.0	640352.0	5.0	*
4. REC 4 SE CORNER *	191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER *	191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE *	191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE *	191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE *	192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER *	191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER *	191767.0	640384.0	5.0	*
11. REC 11 NE CORNER *	191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER *	191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE *	191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE *	192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE *	191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE *	191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER *	191688.0	640574.0	5.0	*
18. REC 18 NW CORNER *	191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE *	191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN *	191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN *	191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN *	191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN *	191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE *	191509.0	640548.0	5.0	*
25. REC 25 SW CORNER *	191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER *	191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE *	191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE *	191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .7	.7	.7	.9	.8	.7	.5	.2	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0	.0
5.	* .8	.8	.8	.9	.8	.7	.6	.2	.3	.3	.7	.7	.8	.8	.1	.0	.0	.0	.0	.0	.0
10.	* .8	.8	.8	1.0	.8	.8	.6	.2	.3	.3	.8	.8	.7	.8	.1	.1	.0	.0	.0	.0	.0
15.	* 1.0	.8	.8	1.0	.8	.8	.6	.2	.2	.5	.8	.8	.7	.8	.1	.1	.0	.0	.0	.0	.0
20.	* .9	.9	.9	1.0	.9	.8	.6	.1	.2	.5	.8	.8	.8	.9	.1	.1	.0	.0	.0	.0	.0
25.	* .9	.9	.9	1.1	1.0	.7	.5	.1	.3	.3	1.0	.9	1.0	.9	.2	.1	.1	.0	.0	.0	.0
30.	* 1.1	1.0	1.0	1.2	.9	.6	.5	.0	.3	.4	1.0	.9	.9	1.0	.2	.1	.1	.0	.0	.0	.0
35.	* 1.0	1.0	1.1	1.2	.9	.6	.4	.0	.2	.4	1.0	1.1	1.0	1.0	.3	.2	.1	.0	.0	.0	.0
40.	* 1.1	1.3	1.1	1.2	.9	.6	.4	.0	.2	.3	1.1	1.1	1.0	1.0	.4	.3	.3	.0	.0	.0	.0
45.	* 1.1	1.2	1.1	1.3	.8	.5	.4	.0	.1	.3	1.1	1.1	.9	.9	.6	.4	.3	.2	.0	.0	.0
50.	* 1.2	1.1	1.1	1.1	.7	.5	.5	.0	.1	.3	.9	.9	.6	.8	.8	.6	.6	.3	.1	.0	.0
55.	* 1.0	1.0	.9	1.0	.6	.4	.5	.0	.0	.1	.8	.8	.5	.7	.9	.8	.7	.4	.2	.0	.0
60.	* .7	.7	.7	.7	.6	.5	.5	.0	.0	.1	.6	.5	.3	.5	1.0	1.0	.9	.5	.3	.1	.0
65.	* .4	.5	.6	.7	.5	.5	.5	.0	.0	.0	.4	.4	.2	.3	1.0	1.0	1.0	.7	.3	.2	.0
70.	* .2	.4	.4	.5	.5	.5	.5	.0	.0	.0	.3	.3	.1	.2	1.0	1.1	.9	.7	.3	.2	.0
75.	* .1	.3	.3	.4	.5	.5	.5	.0	.0	.0	.1	.1	.1	.1	1.0	1.0	.9	.8	.4	.2	.0
80.	* .1	.2	.2	.4	.5	.5	.5	.0	.0	.0	.1	.1	.0	.1	1.0	1.0	.9	.6	.4	.3	.0
85.	* .0	.2	.2	.5	.5	.5	.5	.0	.0	.0	.1	.1	.0	.1	1.0	1.0	.9	.6	.4	.3	.0
90.	* .0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.1	.1	.0	.0	.9	.8	.7	.7	.4	.2	.0
95.	* .0	.2	.2	.4	.5	.5	.5	.0	.0	.0	.1	.1	.0	.0	.9	.7	.7	.6	.4	.2	.0
100.	* .1	.1	.2	.4	.5	.5	.5	.0	.0	.0	.1	.0	.0	.0	.7	.7	.8	.6	.3	.3	.0
105.	* .1	.2	.2	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.7	.8	.7	.6	.3	.2	.0
110.	* .1	.2	.3	.4	.5	.6	.5	.1	.1	.0	.0	.0	.0	.0	.7	.7	.6	.6	.3	.2	.0
115.	* .1	.1	.1	.5	.6	.5	.5	.1	.2	.0	.1	.0	.0	.0	.7	.6	.6	.6	.3	.2	.0
120.	* .0	.1	.1	.5	.6	.5	.5	.2	.2	.1	.2	.0	.0	.0	.6	.6	.6	.5	.3	.3	.0

S34NB30P.OUT

125.	*	.0	.1	.1	.4	.5	.4	.4	.4	.3	.2	.3	.1	.0	.0	.6	.7	.6	.6	.5	.4
130.	*	.0	.1	.1	.3	.5	.4	.4	.6	.3	.4	.3	.1	.0	.0	.6	.6	.7	.6	.5	.4
135.	*	.0	.0	.1	.2	.3	.4	.3	.7	.4	.4	.5	.1	.1	.0	.6	.7	.7	.8	.6	.5
140.	*	.0	.0	.0	.2	.3	.1	.2	.8	.5	.4	.6	.1	.1	.0	.6	.7	.7	.8	.7	.5
145.	*	.0	.0	.0	.0	.2	.1	.1	.8	.5	.5	.6	.1	.1	.0	.7	.8	.7	.9	.7	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.8	.5	.5	.5	.1	.1	.1	.7	.7	.8	.8	.6	.5
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.5	.1	.1	.1	.7	.7	.7	.8	.5	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.5	.1	.1	.1	.7	.6	.7	.8	.5	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.4	.5	.1	.1	.1	.7	.6	.7	.7	.5	.5
170.	*	.0	.0	.0	.0	.0	.0	.0	.6	.5	.4	.5	.1	.0	.1	.7	.7	.7	.7	.4	.4
175.	*	.0	.0	.0	.0	.0	.0	.0	.6	.4	.4	.4	.1	.0	.1	.7	.7	.7	.8	.4	.4
180.	*	.0	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.1	.0	.0	.7	.8	.7	.8	.4	.4
185.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.1	.1	.0	.7	.8	.7	.8	.5	.4
190.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.5	.1	.1	.0	.7	.7	.7	.8	.5	.4
195.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.5	.2	.1	.0	.8	.7	.7	.8	.5	.4
200.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.2	.1	.1	.9	.8	.8	.8	.5	.4
205.	*	.1	.1	.1	.1	.0	.0	.0	.6	.4	.4	.4	.2	.1	.1	1.0	.8	.8	.8	.5	.3

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.2	.2	.1	.0	.0	.0	.6	.5	.4	.4	.2	.1	.1	.9	.9	.8	.9	.6	.4
215.	*	.2	.2	.2	.1	.0	.0	.0	.6	.5	.4	.5	.3	.2	.1	1.1	.9	.9	.9	.5	.4
220.	*	.3	.4	.3	.2	.0	.0	.0	.6	.4	.4	.6	.4	.2	.3	1.1	.9	.9	.7	.3	.3
225.	*	.5	.5	.6	.3	.0	.0	.0	.6	.4	.4	.6	.5	.2	.4	1.1	.9	.9	.8	.5	.2
230.	*	.8	.6	.7	.6	.0	.0	.0	.6	.4	.4	.8	.5	.4	.6	1.0	.8	.8	.8	.3	.2
235.	*	1.0	.9	.9	.8	.1	.0	.0	.6	.4	.5	1.1	.8	.5	.8	.9	.7	.7	.4	.2	.2
240.	*	1.1	.9	1.0	.9	.2	.0	.0	.6	.4	.6	1.2	1.1	.7	.9	.7	.5	.4	.2	.2	.2
245.	*	1.0	1.0	1.1	1.0	.3	.1	.0	.6	.4	.7	1.2	1.0	.8	1.1	.5	.4	.3	.2	.2	.2
250.	*	1.0	1.1	1.1	1.1	.4	.1	.0	.6	.6	.8	1.2	.9	.8	1.0	.4	.2	.2	.1	.2	.2
255.	*	1.0	1.1	1.1	.9	.3	.3	.0	.6	.7	.6	1.1	1.0	.9	1.0	.3	.2	.1	.1	.2	.2
260.	*	.9	.9	.9	.9	.2	.3	.0	.6	.5	.7	1.1	.9	.8	1.0	.2	.1	.1	.1	.2	.2
265.	*	.9	.9	.9	.8	.3	.1	.0	.6	.5	.7	1.1	1.0	.8	.9	.1	.1	.1	.2	.2	.3
270.	*	.8	.8	.9	.8	.3	.1	.0	.6	.6	.7	1.0	.9	.7	.8	.1	.1	.1	.2	.2	.3
275.	*	.8	.8	.8	.8	.3	.1	.0	.7	.6	.7	1.1	.9	.7	.8	.1	.1	.1	.2	.2	.3
280.	*	.8	.8	.8	.7	.3	.2	.1	.7	.7	.8	1.1	.9	.7	.8	.1	.1	.1	.2	.2	.3
285.	*	.8	.8	.8	.7	.3	.2	.1	.6	.7	.7	1.0	.8	.7	.7	.1	.0	.1	.2	.2	.5
290.	*	.7	.7	.7	.7	.3	.2	.1	.7	.7	.7	1.0	.8	.7	.7	.1	.0	.0	.2	.2	.5
295.	*	.7	.6	.7	.7	.3	.2	.1	.7	.7	.7	1.0	.8	.7	.7	.1	.0	.0	.2	.3	.5
300.	*	.7	.7	.7	.7	.3	.2	.1	.7	.7	.7	1.0	.7	.6	.7	.0	.0	.0	.3	.3	.5
305.	*	.7	.7	.7	.7	.4	.4	.3	.6	.6	.6	1.0	.7	.6	.7	.0	.0	.0	.2	.3	.5
310.	*	.7	.7	.7	.7	.5	.5	.5	.5	.6	.5	.9	.7	.6	.7	.0	.0	.0	.2	.2	.3
315.	*	.7	.7	.7	.8	.6	.5	.5	.5	.5	.5	.9	.7	.6	.7	.0	.0	.0	.1	.2	.2
320.	*	.7	.7	.7	.8	.6	.6	.5	.2	.3	.4	.8	.7	.6	.7	.0	.0	.0	.0	.1	.2
325.	*	.7	.7	.7	.9	.6	.6	.5	.2	.3	.4	.8	.7	.6	.7	.0	.0	.0	.0	.0	.2
330.	*	.7	.7	.7	.9	.7	.7	.4	.2	.3	.4	.8	.7	.6	.7	.0	.0	.0	.0	.0	.0
335.	*	.7	.7	.7	.9	.7	.7	.4	.0	.2	.3	.8	.7	.6	.7	.0	.0	.0	.0	.0	.0
340.	*	.7	.7	.7	.9	.7	.7	.4	.0	.2	.3	.7	.7	.7	.7	.0	.0	.0	.0	.0	.0
345.	*	.7	.7	.7	.8	.8	.7	.3	.1	.2	.3	.7	.7	.7	.7	.0	.0	.0	.0	.0	.0
350.	*	.7	.7	.7	.9	.8	.7	.3	.1	.2	.3	.7	.7	.6	.7	.1	.0	.0	.0	.0	.0
355.	*	.8	.7	.7	.9	.8	.7	.5	.2	.2	.3	.7	.7	.6	.7	.1	.0	.0	.0	.0	.0
360.	*	.7	.7	.7	.9	.8	.7	.5	.2	.2	.3	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0
MAX	DEGR.	50	40	35	45	25	10	5	140	255	250	240	35	25	245	215	70	65	145	140	135

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.0	.4	.2	.2	.0	.0
5.	*	.0	.1	.3	.2	.2	.0	.0
10.	*	.0	.2	.3	.2	.2	.0	.0
15.	*	.0	.2	.3	.2	.2	.0	.0
20.	*	.0	.3	.3	.2	.2	.0	.0
25.	*	.0	.3	.3	.2	.2	.0	.0
30.	*	.0	.3	.2	.2	.2	.1	.0
35.	*	.0	.3	.2	.2	.2	.1	.0
40.	*	.0	.3	.2	.2	.3	.2	.0
45.	*	.0	.3	.2	.2	.4	.2	.0
50.	*	.0	.3	.2	.2	.5	.6	.1
55.	*	.0	.3	.2	.3	.7	.7	.3
60.	*	.0	.3	.3	.5	.8	.9	.5
65.	*	.0	.3	.4	.5	1.1	.9	.4
70.	*	.0	.3	.4	.5	1.0	.9	.4
75.	*	.0	.5	.4	.5	.9	.9	.5
80.	*	.1	.5	.5	.6	1.0	.9	.5
85.	*	.2	.5	.4	.6	1.0	.8	.4
90.	*	.2	.4	.4	.6	.9	.7	.5
95.	*	.2	.5	.5	.5	.8	.7	.5
100.	*	.1	.5	.4	.5	.8	.7	.4
105.	*	.1	.4	.4	.5	.8	.8	.4
110.	*	.1	.5	.4	.5	.8	.7	.5
115.	*	.1	.5	.4	.6	.9	.8	.5
120.	*	.1	.4	.4	.7	1.1	.8	.5
125.	*	.3	.4	.5	.8	1.1	.7	.3
130.	*	.5	.4	.5	.8	1.0	.7	.3
135.	*	.5	.3	.5	.8	1.0	.6	.3

S34NB30P.OUT

```

140. * .5 .2 .4 .4 .9 .6 .6 .3
145. * .6 .2 .2 .3 .7 .6 .6 .4
150. * .6 .2 .2 .3 .6 .6 .6 .4
155. * .6 .2 .2 .3 .6 .6 .6 .5
160. * .6 .2 .2 .3 .6 .6 .6 .3
165. * .6 .1 .2 .3 .6 .6 .6 .3
170. * .5 .1 .2 .3 .6 .6 .6 .3
175. * .5 .0 .2 .3 .6 .6 .6 .5
180. * .4 .0 .2 .3 .6 .6 .6 .4
185. * .4 .1 .2 .3 .6 .7 .6 .4
190. * .4 .2 .2 .3 .6 .7 .6 .4
195. * .4 .2 .3 .3 .6 .7 .8 .4
200. * .3 .1 .2 .3 .7 .7 .8 .3
205. * .3 .1 .3 .4 .7 .7 .7 .3

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .3 .0 .2 .4 .7 .9 .8 .4
215. * .3 .0 .1 .4 .7 .9 .9 .4
220. * .3 .0 .1 .3 .8 .9 .7 .4
225. * .3 .0 .0 .1 .8 .9 .7 .4
230. * .1 .0 .0 .1 .6 .7 .6 .2
235. * .1 .0 .0 .0 .4 .5 .5 .1
240. * .1 .0 .0 .0 .3 .4 .3 .0
245. * .1 .0 .0 .0 .1 .2 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .0 .0 .0
265. * .2 .0 .0 .0 .0 .0 .0 .0
270. * .3 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .3 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .1 .0 .0 .0
305. * .2 .0 .1 .1 .1 .0 .0 .0
310. * .2 .0 .1 .2 .1 .0 .0 .0
315. * .1 .0 .3 .3 .3 .0 .0 .0
320. * .0 .1 .3 .3 .3 .0 .0 .0
325. * .0 .1 .3 .3 .3 .0 .0 .0
330. * .0 .1 .4 .3 .2 .0 .0 .0
335. * .0 .2 .4 .3 .2 .0 .0 .0
340. * .0 .2 .4 .3 .2 .0 .0 .0
345. * .0 .1 .4 .2 .2 .0 .0 .0
350. * .0 .0 .4 .2 .2 .0 .0 .0
355. * .0 .0 .4 .2 .2 .0 .0 .0
360. * .0 .0 .4 .2 .2 .0 .0 .0
-----
MAX * .6 .5 .5 .8 1.1 .9 .9 .5
DEGR. * 145 75 80 125 120 60 60 60

```

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 40 DEGREES FROM REC2 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 45 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 50 DEGREES FROM REC1 .

1

JOB: I 15 AND ROSEMONT

DATE: 12/20/2006 TIME: 14:24:54.04

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # * 50 40 35 45 25 10 5 140 255 250 240 35 25 245 215 70 65 145 140 135
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
3 * .7 .9 .8 .7 .2 .1 .0 .0 .1 .2 .8 .6 .2 .2 .0 .0 .2 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .1 .0 .2 .1 .1 .1 .0 .0 .0 .0 .2 .5 .7 .1 .3 .2 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34NB30P.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.2	.2	.0	.6	.2	.2	.0	.0
41	*	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.2	.2	.6	.3	.2	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 50	REC2 40	REC3 35	REC4 45	REC5 25	REC6 10	REC7 5	REC8 140	REC9 255	REC10 250	REC11 240	REC12 35	REC13 25	REC14 245	REC15 215	REC16 70	REC17 65	REC18 145	REC19 140	REC20 135
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 12/20/2006 TIME: 14:24:54.04

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 145	REC22 75	REC23 80	REC24 125	REC25 120	REC26 60	REC27 60	REC28 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.0	.1	.2	.1	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.0	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.1	.0	.0	.1	.1
41	*	.1	.0	.1	.2	.4	.6	.2
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34NB30P.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT NB30 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 145	REC22 75	REC23 80	REC24 125	REC25 120	REC26 60	REC27 60	REC28 60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.1	.1	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.1	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.2	.0	.0
81	*	.0	.0	.0	.1	.1	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B130A.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B130 AM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	4350. 3.7	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	4350. 3.7	0. 44.	50.4
3	NB 15	AG191332.640193.191857.640571.	4350. 3.7	0. 44.	50.4
4	NB OFFRAMPAG	191857.640571.191960.640623.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	775. 2.6	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	250. 2.6	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
105	83	4.0 250 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	525. 2.6	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
105	83	4.0 525 28.3 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.6	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.6	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3775. 3.7	0. 44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.6	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
105	87	4.0 225 28.3 1681 2 3			
31	NB 15 ON RAG	191934.640223.191986.640270.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	191986.640270.192132.640439.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192132.640439.192165.640514.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192165.640514.192184.640621.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192184.640621.192226.640733.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192226.640733.192290.640837.	200. 2.6	0. 32.	30.0

S34B130A.DAT

31	NB 15 ON	RAG192290.640837.192329.640883.	200. 2.6	0. 32. 30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	200. 2.6	0. 32. 30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	200. 2.6	0. 32. 30.0
40	SB 15	AG192414.641075.191866.640671.	5100. 3.7	0. 44. 59
41	SB 15	AG191866.640671.191396.640337.	5100. 3.7	0. 44. 59
42	SB 15 OFFRAG	191396.640337.191304.640300.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191304.640300.191225.640317.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191225.640317.191185.640352.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191185.640352.191163.640405.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191163.640405.191169.640531.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191169.640531.191199.640621.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191199.640621.191246.640695.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191246.640695.191307.640777.	75. 2.6	0. 32. 30.0
50	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	49	4.0 75 28.3 1308 2 3		
51	SB 15 OFFRAG	191246.640695.191341.640730.	75. 2.6	0. 44. 30.0
52	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	49	4.0 75 28.3 1583 2 3		
53	SB 15	AG191396.640337.191282.640244.	4950. 3.7	0. 44. 59
54	SB 15	AG191282.640244.190930.639988.	4950. 3.7	0. 44. 59
55	SB 15	AG190930.639988.190811.639884.	6075. 3.7	0. 44. 59
56	WB ROSEMONAG	192403.639820.192097.640064.	375. 2.6	0. 44. 30
57	WB ROSEMONAG	192097.640064.191916.640222.	375. 2.6	0. 44. 30
58	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
105	83	4.0 375 28.3 1711 2 3		
59	WB ROSEMONAG	191916.640222.191878.640271.	275. 2.6	0. 44. 30
60	WB ROSEMONAG	191878.640271.191817.640307.	800. 2.6	0. 44. 30
61	WB ROSEMONAG	191817.640307.191306.640792.	800. 2.6	0. 44. 30
62	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	38	4.0 800 28.3 1731 2 3		
63	WB ROSEMONAG	191306.640792.191144.640951.	850. 2.6	0. 44. 30
64	WB ROSEMONAG	191144.640951.191046.641019.	850. 2.6	0. 44. 30
65	WB ROSEMONAG	191046.641019.190888.641123.	850. 2.6	0. 44. 30
66	EB ROSEMONAG	190873.641107.190977.641037.	1775. 2.6	0. 44. 30
67	SB 270 ONRAG	190977.641037.191077.640931.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191077.640931.191137.640865.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191137.640865.191176.640783.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191176.640783.191178.640713.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191178.640713.191156.640575.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191156.640575.191108.640301.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191108.640301.191083.640220.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191083.640220.191038.640125.	1125. 2.6	0. 32. 30
67	SB 270 ONRAG	191038.640125.190930.639988.	1125. 2.6	0. 32. 30
76	EB ROSE	AG190977.641037.191115.640951.	650. 2.6	0. 44. 30
77	EB ROSE	AG191115.640951.191305.640778.	650. 2.6	0. 44. 30
78	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	37	4.0 650 28.3 1763 2 3		
79	EB ROSE	AG191307.640777.191579.640509.	675. 2.6	0. 44. 30
80	EB ROSE	AG191579.640509.191907.640207.	1250. 2.6	0. 44. 30
81	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
105	58	4.0 1250 28.3 1715 2 3		
80	EB ROSE	AG191907.640207.192388.639800.	825. 2.6	0. 44. 30
80	SB 15	AG190810.639884.190461.639523.	6075. 3.7	0. 44. 59
80	SB 15	AG190461.639524.190212.639214.	6075. 3.7	0. 44. 59
80	SB 15	AG190212.639214.190004.638912.	6075. 3.7	0. 44. 59
80	NB 15	AG190860.639817.190678.639647.	4350. 3.7	0. 44. 59

80		NB 15	AG190678.639647.190434.639378.	4350. 3.7	0. 44.	59	S34B130A.DAT
1							
80		NB 15	AG190434.639378.190212.639090.	4350. 3.7	0. 44.	59	
1							
80		NB 15	AG190212.639090.190063.638865.	4350. 3.7	0. 44.	59	
1.0	0.4 1000. 0.0Y	5	0 72				

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:24:12.79

RUN: I 15 AND ROSEMONT B130 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	4350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	4350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	4350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192015.9	640349.6	*	143.	41. AG	60.	100.0	.0	12.0	.93 7.3
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	194943.6	641100.2	*	3156.	75. AG	60.	100.0	.0	12.0	2.18 160.3
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3775.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	191577.0	639816.8	*	491.	221. AG	63.	100.0	.0	12.0	1.17 25.0
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:24:12.79

RUN: I 15 AND ROSEMONT B130 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4950.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4950.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	6075.	3.7	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192013.0	640137.3	*	85.	131. AG	120.	100.0	.0	24.0	.72 4.3
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	800.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	800.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191390.4	640711.9	*	83.	133. AG	89.	100.0	.0	24.0	.72 4.2
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	850.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	850.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	850.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1775.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1125.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1125.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1125.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1125.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1125.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1125.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1125.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1125.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1125.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	650.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	650.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191230.4	640846.4	*	66.	312. AG	86.	100.0	.0	24.0	.55 3.3
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	675.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1250.	2.6	.0	44.0	

S34B130A.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191694.9	640402.2	*	234.	313. AG	84. 100.0	.0 24.0	.93 11.9
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130. AG	825.	2.6	.0 44.0
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224. AG	6075.	3.7	.0 44.0
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219. AG	6075.	3.7	.0 44.0
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215. AG	6075.	3.7	.0 44.0
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227. AG	4350.	3.7	.0 44.0
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222. AG	4350.	3.7	.0 44.0
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218. AG	4350.	3.7	.0 44.0
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214. AG	4350.	3.7	.0 44.0

1

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:24:12.79

RUN: I 15 AND ROSEMONT B130 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	* RED TIME (SEC)	* CLEARANCE LOST TIME (SEC)	* APPROACH VOL (VPH)	* SATURATION FLOW RATE (VPH)	* IDLE EM FAC (gm/hr)	* SIGNAL TYPE	* ARRIVAL RATE
12. 12	NBOFFRAMP	* 105	83	4.0	250	1770	28.30	2 3
14. 14	NBOFFRAMP	* 105	83	4.0	525	1583	28.30	2 3
30. 30	NB 2ND ST	* 105	87	4.0	225	1681	28.30	2 3
50. 50	SB15 RAMP	* 65	49	4.0	75	1308	28.30	2 3
52. 52	SB15 RAMP	* 65	49	4.0	75	1583	28.30	2 3
58. 58	WB ROSE Q	* 105	83	4.0	375	1711	28.30	2 3
62. 62	WB ROSE Q	* 65	38	4.0	800	1731	28.30	2 3
78. 78	EB ROSE Q	* 65	37	4.0	650	1763	28.30	2 3
81. 81	EB ROSE Q	* 105	58	4.0	1250	1715	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R1 US15 NB ROSEMONT	* 191330.0	* 640165.0	* 5.0
2. REC 2 164' SE CORNER	* 191519.0	* 640303.0	* 5.0
3. REC 3 82' SE CORNER	* 191587.0	* 640352.0	* 5.0
4. REC 4 SE CORNER	* 191653.0	* 640394.0	* 5.0
5. REC 4 82' ES CORNER	* 191720.0	* 640348.0	* 5.0
6. REC 4 164' ES CORNE	* 191780.0	* 640291.0	* 5.0
7. REC 7 400' ES CORNE	* 191958.0	* 640132.0	* 5.0
8. REC 8 400' EN CORNE	* 192007.0	* 640171.0	* 5.0
9. REC 9 164' EN CORNER	* 191828.0	* 640327.0	* 5.0
10. REC 10 82' EN CORNER	* 191767.0	* 640384.0	* 5.0
11. REC 11 NE CORNER	* 191708.0	* 640436.0	* 5.0
12. REC 12 82' NE CORNER	* 191774.0	* 640483.0	* 5.0
13. REC 13 164' NE CORNE	* 191854.0	* 640532.0	* 5.0
14. REC 14 400' NE CORNE	* 192037.0	* 640674.0	* 5.0
15. REC 15 400' NW CORNE	* 191950.0	* 640754.0	* 5.0
16. REC 16 164' NW CORNE	* 191757.0	* 640620.0	* 5.0
17. REC 17 82' NW CORNER	* 191688.0	* 640574.0	* 5.0
18. REC 18 NW CORNER	* 191622.0	* 640543.0	* 5.0
19. REC 19 72' WN CORNE	* 191576.0	* 640576.0	* 5.0
20. REC 20 164' WN CORN	* 191499.0	* 640640.0	* 5.0
21. REC 21 390' WN CORN	* 191349.0	* 640796.0	* 5.0
22. REC 22 350' WS CORN	* 191316.0	* 640696.0	* 5.0
23. REC 23 164' WS CORN	* 191448.0	* 640606.0	* 5.0
24. REC 24 82' WS CORNE	* 191509.0	* 640548.0	* 5.0
25. REC 25 SW CORNER	* 191563.0	* 640496.0	* 5.0
26. REC 26 82' SW CORNER	* 191504.0	* 640445.0	* 5.0
27. REC 27 164' SW CORNE	* 191442.0	* 640403.0	* 5.0
28. REC 28 350' SW CORNE	* 191259.0	* 640324.0	* 5.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* 1.0	.9	.9	1.1	.9	.7	.5	.2	.2	.4	.9	.9	.8	.8	.1	.1	.0	.0	.0	.0
5.	* 1.0	.9	.9	1.0	.9	.7	.5	.2	.4	.4	.9	.9	.7	.8	.1	.1	.0	.0	.0	.0
10.	* 1.0	1.0	1.0	1.0	.9	.7	.5	.2	.4	.5	.9	.9	.9	.8	.1	.1	.1	.0	.0	.0
15.	* 1.0	1.0	1.0	1.1	.8	.8	.5	.2	.2	.5	1.0	1.0	.8	.9	.1	.1	.1	.0	.0	.0
20.	* 1.1	1.1	1.1	1.1	.8	.7	.5	.2	.2	.5	1.0	1.0	.9	.9	.2	.1	.1	.0	.0	.0
25.	* 1.1	1.1	1.1	1.2	.9	.6	.5	.3	.2	.4	1.0	1.2	.9	.9	.2	.1	.1	.0	.0	.0
30.	* 1.2	1.2	1.3	1.2	.9	.6	.3	.1	.2	.4	1.2	1.1	.9	1.0	.3	.1	.1	.0	.0	.0
35.	* 1.3	1.3	1.3	1.3	.8	.6	.3	.1	.2	.5	1.3	1.2	1.0	1.0	.4	.3	.2	.0	.0	.0
40.	* 1.4	1.4	1.3	1.4	.8	.6	.4	.1	.2	.4	1.3	1.3	1.0	1.0	.6	.5	.3	.2	.0	.0
45.	* 1.4	1.4	1.3	1.3	.7	.6	.4	.1	.2	.3	1.3	1.1	.9	.9	.8	.6	.5	.2	.0	.0
50.	* 1.4	1.2	1.2	1.2	.6	.4	.4	.1	.2	1.1	1.0	.7	.8	1.1	.9	.8	.5	.1	.0	.0
55.	* 1.2	1.1	1.1	1.0	.5	.3	.4	.1	.0	.1	.9	.9	.5	.7	1.3	1.1	1.0	.6	.1	.1
60.	* .8	.9	.8	.7	.5	.3	.4	.1	.0	.1	.7	.6	.4	.4	1.3	1.3	1.3	.7	.4	.1
65.	* .5	.6	.6	.5	.4	.3	.4	.1	.0	.0	.4	.4	.2	.3	1.4	1.4	1.2	.9	.4	.2
70.	* .3	.3	.4	.4	.4	.4	.4	.1	.1	.0	.3	.3	.1	.2	1.4	1.3	1.3	.9	.5	.2
75.	* .1	.3	.3	.3	.6	.4	.3	.0	.1	.0	.1	.1	.0	.1	1.3	1.2	1.2	1.0	.4	.2
80.	* .1	.4	.4	.3	.6	.4	.3	.0	.1	.1	.1	.1	.0	.1	1.2	1.1	1.3	.9	.5	.3
85.	* .0	.3	.3	.5	.6	.5	.2	.0	.1	.1	.1	.1	.0	.1	1.2	1.1	1.0	.8	.6	.3
90.	* .0	.2	.3	.5	.6	.5	.2	.0	.1	.1	.2	.1	.0	.0	1.1	1.0	1.0	.9	.5	.3
95.	* .0	.1	.2	.5	.6	.5	.2	.0	.1	.1	.2	.1	.0	.0	1.0	1.0	1.1	.8	.5	.3
100.	* .0	.1	.2	.4	.6	.5	.2	.0	.1	.1	.1	.1	.0	.0	.9	.9	1.0	.8	.4	.4
105.	* .0	.1	.2	.3	.6	.4	.1	.0	.1	.1	.0	.0	.0	.0	.9	1.0	.9	.8	.4	.3
110.	* .0	.1	.2	.3	.5	.3	.1	.0	.1	.1	.0	.0	.0	.0	.9	.9	.9	.7	.5	.3
115.	* .0	.0	.1	.3	.5	.3	.1	.0	.1	.0	.0	.0	.0	.0	.9	.8	.8	.7	.5	.3
120.	* .0	.0	.0	.3	.5	.3	.1	.0	.1	.0	.0	.0	.0	.0	.9	.8	.8	.7	.5	.3

S34B130A.OUT

125.	*	.0	.0	.0	.3	.4	.2	.1	.0	.1	.0	.2	.0	.0	.0	.8	.9	.8	.7	.5	.4
130.	*	.0	.0	.0	.2	.3	.2	.1	.0	.1	.2	.3	.0	.0	.0	.8	.8	.8	.7	.5	.4
135.	*	.0	.0	.0	.2	.2	.2	.1	.1	.2	.3	.3	.0	.0	.0	.8	.8	.8	.8	.8	.4
140.	*	.0	.0	.0	.1	.2	.1	.1	.1	.4	.3	.4	.0	.0	.0	.8	.9	.8	1.0	.8	.5
145.	*	.0	.0	.0	.0	.2	.0	.0	.2	.3	.4	.4	.0	.0	.0	.8	.9	.8	1.0	.8	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0	.8	.9	.9	1.0	.8	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0	.8	.8	.9	1.0	.7	.4
160.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.1	.0	.0	.8	.8	.9	.9	.7	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.1	.0	.0	.8	.8	.9	.9	.7	.5
170.	*	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.1	.0	.0	.9	.8	.9	.9	.7	.5
175.	*	.0	.1	.1	.0	.0	.0	.0	.4	.4	.4	.4	.1	.0	.0	.9	1.0	.9	.9	.6	.5
180.	*	.1	.1	.1	.0	.0	.0	.0	.4	.5	.4	.4	.1	.0	.0	.9	1.0	.9	.9	.6	.5
185.	*	.1	.1	.1	.0	.0	.0	.0	.4	.5	.4	.5	.1	.0	.0	.9	.9	.9	1.0	.6	.5
190.	*	.1	.1	.1	.0	.0	.0	.0	.4	.5	.4	.4	.2	.1	.0	1.0	1.1	.9	1.0	.6	.3
195.	*	.1	.1	.1	.0	.0	.0	.0	.4	.3	.4	.4	.2	.1	.0	1.1	1.1	1.1	1.0	.6	.4
200.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.4	.4	.2	.1	.0	1.2	1.2	1.1	1.0	.6	.5
205.	*	.1	.1	.1	.1	.0	.0	.0	.4	.3	.4	.4	.2	.1	.1	1.2	1.2	1.2	1.0	.5	.6

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.2	.2	.2	.1	.0	.0	.4	.3	.4	.4	.2	.1	.1	1.3	1.3	1.2	1.1	.7	.4
215.	*	.2	.2	.2	.1	.0	.0	.5	.3	.4	.4	.3	.2	.1	1.4	1.4	1.2	1.2	.7	.4
220.	*	.3	.4	.4	.2	.0	.0	.5	.4	.4	.5	.4	.2	.3	1.4	1.3	1.3	1.2	.7	.2
225.	*	.7	.6	.6	.5	.0	.0	.5	.4	.4	.6	.4	.3	.4	1.5	1.4	1.5	1.0	.5	.2
230.	*	.8	.9	.9	.7	.0	.0	.1	.6	.4	.4	.7	.4	.7	1.5	1.2	1.3	.9	.4	.1
235.	*	1.1	1.2	1.1	1.0	.2	.0	.1	.5	.4	.6	1.2	1.1	.7	.8	1.3	1.1	1.0	.6	.2
240.	*	1.2	1.3	1.3	1.1	.3	.0	.1	.6	.4	.7	1.5	1.2	.9	1.0	.8	.7	.4	.1	.1
245.	*	1.4	1.3	1.2	1.2	.3	.2	.1	.6	.6	.8	1.5	1.3	1.0	1.0	.7	.5	.4	.2	.1
250.	*	1.2	1.3	1.2	1.1	.4	.3	.1	.6	.7	.8	1.5	1.3	1.0	1.1	.5	.4	.3	.2	.1
255.	*	1.1	1.2	1.2	1.2	.5	.3	.1	.6	.7	.9	1.4	1.0	1.0	1.1	.4	.2	.2	.1	.1
260.	*	1.1	1.1	1.1	1.1	.5	.3	.1	.6	.6	1.0	1.2	1.1	1.0	.9	.2	.2	.1	.1	.2
265.	*	1.1	1.1	1.1	1.0	.5	.3	.2	.7	.7	.8	1.3	1.0	.9	.9	.2	.1	.1	.1	.2
270.	*	1.0	.9	1.0	1.0	.5	.2	.2	.6	.7	.9	1.2	1.0	.9	.9	.1	.1	.1	.1	.2
275.	*	1.0	1.0	1.0	.9	.4	.4	.2	.6	.7	.9	1.2	1.0	.9	.9	.1	.1	.1	.1	.2
280.	*	.9	.9	.9	.9	.4	.3	.2	.6	.7	.8	1.1	.9	.9	.8	.1	.1	.1	.2	.2
285.	*	.9	.8	.9	.9	.4	.3	.2	.5	.7	.7	1.1	.9	.8	.7	.1	.1	.0	.1	.2
290.	*	.9	.9	.9	.9	.4	.3	.2	.6	.7	.7	1.1	.9	.8	.8	.1	.1	.0	.1	.2
295.	*	.9	.9	.9	.8	.4	.3	.3	.6	.7	.7	1.0	.8	.8	.8	.1	.0	.0	.1	.2
300.	*	.8	.7	.8	.8	.5	.4	.3	.6	.6	.6	1.0	.8	.8	.7	.1	.0	.0	.1	.3
305.	*	.8	.7	.8	.8	.5	.4	.4	.5	.5	.6	1.0	.8	.7	.7	.1	.0	.0	.1	.2
310.	*	.7	.8	.8	.8	.5	.4	.4	.5	.5	.6	.9	.8	.8	.7	.0	.0	.0	.1	.2
315.	*	.7	.8	.8	.8	.7	.5	.5	.4	.4	.5	.9	.8	.8	.8	.0	.0	.0	.1	.1
320.	*	.9	.9	.9	.9	.7	.7	.5	.2	.4	.5	1.0	.9	.8	.8	.0	.0	.0	.0	.1
325.	*	.9	.9	.9	1.0	.8	.8	.5	.2	.4	.5	1.0	.9	.8	.8	.0	.0	.0	.0	.0
330.	*	.8	.9	.9	1.0	.9	.8	.5	.2	.2	.4	.8	.8	.8	.8	.0	.0	.0	.0	.0
335.	*	.8	.8	.8	1.0	.9	.8	.4	.2	.2	.4	.8	.8	.8	.7	.0	.0	.0	.0	.0
340.	*	.9	.8	.8	1.0	.9	.8	.4	.2	.2	.4	.8	.8	.6	.7	.0	.0	.0	.0	.0
345.	*	.8	.8	.8	1.0	.8	.8	.3	.1	.2	.4	.8	.8	.7	.7	.1	.0	.0	.0	.0
350.	*	.8	.8	.8	1.0	.8	.8	.2	.2	.2	.4	.8	.8	.7	.7	.1	.0	.0	.0	.0
355.	*	.9	.9	.9	1.0	.9	.7	.5	.2	.2	.4	.9	.8	.9	.8	.1	.0	.0	.0	.0
360.	*	1.0	.9	.9	1.1	.9	.7	.5	.2	.2	.4	.9	.9	.8	.8	.1	.1	.0	.0	.0
MAX		1.4	1.4	1.3	1.4	.9	.8	.5	.7	.7	1.0	1.5	1.3	1.0	1.1	1.5	1.4	1.5	1.2	.8
DEGR.	*	40	40	40	40	0	15	0	265	250	260	240	40	35	255	225	65	225	215	135

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.1	.0	.0
25.	*	.0	.2	.2	.2	.2	.1	.0
30.	*	.0	.2	.2	.2	.1	.1	.0
35.	*	.0	.2	.2	.2	.2	.1	.0
40.	*	.0	.2	.2	.2	.3	.2	.0
45.	*	.0	.2	.2	.2	.4	.5	.1
50.	*	.0	.1	.2	.3	.7	.8	.2
55.	*	.0	.1	.3	.3	.9	.9	.4
60.	*	.0	.1	.3	.5	1.1	1.2	.6
65.	*	.0	.1	.4	.6	1.2	1.3	.6
70.	*	.0	.2	.4	.6	1.2	1.4	.6
75.	*	.1	.3	.5	.6	1.2	1.2	.6
80.	*	.1	.3	.5	.7	1.2	1.1	.7
85.	*	.2	.2	.5	.7	1.2	1.1	.6
90.	*	.2	.3	.5	.7	1.1	1.1	.5
95.	*	.2	.3	.6	.6	1.0	1.0	.6
100.	*	.2	.1	.5	.6	1.0	1.0	.6
105.	*	.2	.2	.5	.6	1.0	1.1	.5
110.	*	.1	.3	.5	.6	1.1	1.0	.5
115.	*	.1	.3	.5	.8	1.2	.9	.5
120.	*	.2	.2	.5	.8	1.1	.9	.5
125.	*	.2	.2	.5	.7	1.1	.8	.5
130.	*	.2	.2	.5	.7	1.0	.8	.5
135.	*	.3	.2	.4	.6	.9	.8	.4

S34B130A.OUT

```

140. * .4 .2 .3 .5 .9 .8 .8 .4
145. * .4 .2 .3 .4 .8 .8 .8 .5
150. * .5 .2 .3 .4 .8 .8 .8 .6
155. * .6 .2 .3 .4 .7 .8 .8 .5
160. * .6 .2 .3 .4 .7 .8 .8 .4
165. * .6 .2 .3 .5 .7 .8 .8 .5
170. * .6 .2 .3 .5 .7 .8 .8 .5
175. * .6 .2 .3 .5 .8 .8 .8 .5
180. * .3 .1 .2 .5 .8 .8 .8 .6
185. * .3 .3 .3 .5 .8 .9 .8 .5
190. * .4 .2 .3 .4 .8 .9 1.0 .5
195. * .4 .2 .4 .3 .8 .9 1.0 .5
200. * .4 .1 .3 .4 .9 1.0 1.1 .6
205. * .3 .1 .3 .5 .9 1.2 1.1 .6

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .1 .3 .5 1.0 1.2 1.1 .6
215. * .2 .1 .2 .4 1.2 1.2 1.2 .6
220. * .2 .0 .2 .4 1.1 1.3 1.2 .7
225. * .2 .0 .2 .4 1.0 1.3 1.1 .5
230. * .1 .0 .0 .1 .9 1.2 1.0 .4
235. * .1 .0 .0 .1 .5 .9 .9 .2
240. * .1 .0 .0 .0 .4 .6 .5 .1
245. * .1 .0 .0 .0 .2 .4 .3 .0
250. * .0 .0 .0 .0 .1 .2 .2 .0
255. * .0 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .1 .0 .0
265. * .0 .0 .0 .0 .0 .1 .0 .0
270. * .1 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .2 .0 .0 .0 .0 .0 .0 .0
290. * .2 .0 .0 .0 .0 .0 .0 .0
295. * .2 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .0 .1 .0 .0 .0
310. * .1 .0 .1 .1 .1 .0 .0 .0
315. * .0 .0 .1 .1 .1 .0 .0 .0
320. * .0 .0 .2 .2 .2 .0 .0 .0
325. * .0 .0 .3 .2 .2 .0 .0 .0
330. * .0 .1 .3 .2 .2 .0 .0 .0
335. * .0 .1 .3 .2 .2 .0 .0 .0
340. * .0 .1 .2 .2 .2 .0 .0 .0
345. * .0 .0 .2 .2 .2 .0 .0 .0
350. * .0 .1 .2 .2 .2 .0 .0 .0
355. * .0 .1 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .6 .3 .6 .8 1.2 1.4 1.3 .7
DEGR. * 155 75 95 115 65 70 70 220

```

```

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 240 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS 1.50 PPM AT 225 DEGREES FROM REC15.
THE 3RD HIGHEST CONCENTRATION IS 1.50 PPM AT 225 DEGREES FROM REC17.

```

1

JOB: I 15 AND ROSEMONT

DATE: 12/22/2006 TIME: 23:24:12.79

RUN: I 15 AND ROSEMONT B130 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .1 .0 .1 .0 .0 .0 .0 .0 .1 .1 .0 .1
3 * .8 1.0 .9 .8 .2 .1 .0 .0 .1 .3 .9 .7 .1 .1 .2 .0 .2 .2 .2 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .0 .1 .1 .1 .0 .1 .1 .0 .0 .0 .0 .3 .5 .6 .2 .0 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B130A.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.2	.0	.1	.1	.0	.0	.0	.2	.3	.1	.9	.4	.0	.0	.0	.0
41	*	.3	.2	.2	.2	.2	.1	.0	.0	.0	.1	.1	.0	.3	.4	.8	1.0	.7	.3	.1
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)				REC4 40	REC5 0	REC6 15	REC7 0	REC8 265	REC9 250	REC10 260	REC11 240	REC12 40	REC13 35	REC14 255	REC15 225	REC16 65	REC17 225	REC18 215	REC19 135	REC20 205
		REC1 40	REC2 40	REC3 40																		
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
81	*	.0	.0	.0	.0	.3	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

DATE: 12/22/2006 TIME: 23:24:12.79

RUN: I 15 AND ROSEMONT B130 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 155	REC22 75	REC23 95	REC24 115	REC25 65	REC26 70	REC27 70	REC28 220
1	*	.0	.0	.0	.0	.0	.0	.0	.1
2	*	.0	.0	.0	.0	.0	.0	.0	.1
3	*	.1	.0	.1	.2	.1	.2	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.1	.1	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.0	.0	.1	.1	.0
41	*	.1	.0	.2	.3	.7	1.0	.9
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B130A.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 AM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 155	REC22 75	REC23 95	REC24 115	REC25 65	REC26 70	REC27 70	REC28 220
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.3
55	*	.0	.0	.0	.0	.0	.0	.1
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.0	.1	.1	.0	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.1
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B130P.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B130 PM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	6050. 3.7	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	6050. 3.7	0. 44.	59
3	NB 15	AG191332.640193.191857.640571.	6050. 3.7	0. 44.	59
4	NB OFFRAMPAG	191857.640571.191960.640623.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	975. 2.6	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	275. 2.6	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
145	119	4.0 275 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	700. 2.6	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
145	119	4.0 700 28.3 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	200. 2.6	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	200. 2.6	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	5400. 3.7	0. 44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.6	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
145	114	4.0 650 28.3 1680 2 3			
31	NB 15 ON	RAG191934.640223.191986.640270.	325. 2.6	0. 32.	30.0
31	NB 15 ON	RAG191986.640270.192132.640439.	325. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192132.640439.192165.640514.	325. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192165.640514.192184.640621.	325. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192184.640621.192226.640733.	325. 2.6	0. 32.	30.0
31	NB 15 ON	RAG192226.640733.192290.640837.	325. 2.6	0. 32.	30.0

S34B130P.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	325. 2.6	0. 32.	30.0
1				
31	NB 15 ON RAG192329.640883.192397.640944.	325. 2.6	0. 32.	30.0
1				
31	NB 15 ON RAG192397.640944.192459.641017.	325. 2.6	0. 32.	30.0
1				
40	SB 15 AG192414.641075.191866.640671.	4375. 3.7	0. 44.	59
1				
41	SB 15 AG191866.640671.191396.640337.	4375. 3.7	0. 44.	59
1				
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.6	0. 32.	30.0
1				
42	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32.	30.0
2				
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12.	1	
90	72 4.0 75 28.3 1342 2 3			
1				
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.6	0. 44.	30.0
2				
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24.	2	
90	72 4.0 25 28.3 1583 2 3			
1				
53	SB 15 AG191396.640337.191282.640244.	4275. 3.7	0. 44.	59
1				
54	SB 15 AG191282.640244.190930.639988.	4275. 3.7	0. 44.	59
1				
55	SB 15 AG190930.639988.190811.639884.	5300. 3.7	0. 44.	59
1				
56	WB ROSEMONAG192403.639820.192097.640064.	825. 2.6	0. 44.	30
1				
57	WB ROSEMONAG192097.640064.191916.640222.	825. 2.6	0. 44.	30
2				
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24.	2	
145	109 4.0 825 28.3 1727 2 3			
1				
59	WB ROSEMONAG191916.640222.191878.640271.	275. 2.6	0. 44.	30
1				
60	WB ROSEMONAG191878.640271.191817.640307.	1975. 2.6	0. 44.	30
1				
61	WB ROSEMONAG191817.640307.191306.640792.	1400. 2.6	0. 44.	30
2				
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24.	2	
90	44 4.0 1400 28.3 1751 2 3			
1				
63	WB ROSEMONAG191306.640792.191144.640951.	1300. 2.6	0. 44.	30
1				
64	WB ROSEMONAG191144.640951.191046.641019.	1300. 2.6	0. 44.	30
1				
65	WB ROSEMONAG191046.641019.190888.641123.	1300. 2.6	0. 44.	30
1				
66	EB ROSEMONAG190873.641107.190977.641037.	1625. 2.6	0. 44.	30
1				
67	SB 270 ONRAG190977.641037.191077.640931.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191077.640931.191137.640865.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191137.640865.191176.640783.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191176.640783.191178.640713.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191178.640713.191156.640575.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191156.640575.191108.640301.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191108.640301.191083.640220.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191083.640220.191038.640125.	1025. 2.6	0. 32.	30
1				
67	SB 270 ONRAG191038.640125.190930.639988.	1025. 2.6	0. 32.	30
1				
76	EB ROSE AG190977.641037.191115.640951.	750. 2.6	0. 44.	30
1				
77	EB ROSE AG191115.640951.191305.640778.	750. 2.6	0. 44.	30
2				
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24.	2	
90	58 4.0 750 28.3 1761 2 3			
1				
79	EB ROSE AG191307.640777.191579.640509.	775. 2.6	0. 44.	30
1				
80	EB ROSE AG191579.640509.191907.640207.	900. 2.6	0. 44.	30
2				
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24.	2	
145	89 4.0 900 28.3 1710 2 3			
1				
80	EB ROSE AG191907.640207.192388.639800.	825. 2.6	0. 44.	30
1				
80	SB 15 AG190810.639884.190461.639523.	5300. 3.7	0.44.0	59
1				
80	SB 15 AG190461.639524.190212.639214.	5300. 3.7	0.44.0	59
1				
80	SB 15 AG190212.639214.190004.638912.	5300. 3.7	0.44.0	59
1				
80	NB 15 AG190860.639817.190678.639647.	6050. 3.7	0.44.0	59
1				

80		NB 15	AG190678.639647.190434.639378.	6050. 3.7	S34B130P.DAT 0.44.0	59
1						
80		NB 15	AG190434.639378.190212.639090.	6050. 3.7	0.44.0	59
1						
80		NB 15	AG190212.639090.190063.638865.	6050. 3.7	0.44.0	59
1.0	0.4 1000. 0.0Y	5	0 72			

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:25:07.61

RUN: I 15 AND ROSEMONT B130 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	6050.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	6050.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	6050.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192276.2	640653.9	*	543.	41. AG	62.	100.0	.0	12.0	1.13 27.6
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	197072.8	641675.4	*	5361.	75. AG	62.	100.0	.0	12.0	3.21 272.4
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5400.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4375.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4375.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:25:07.61

RUN: I 15 AND ROSEMONT B130 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4275.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4275.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5300.	3.7	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	275.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1975.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1300.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1300.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1300.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1625.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191191.2	640882.2	*	119.	312. AG	98.	100.0	.0	24.0	.74 6.0
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	775.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	900.	2.6	.0	44.0	

S34B130P.OUT

81.	81	EB ROSE Q	* 191867.0	640244.0	191705.8	640392.2	*	219.	313.	AG	93.	100.0	.0	24.0	.76	11.1
82.	80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	825.	2.6	.0	44.0		
83.	80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	5300.	3.7	.0	44.0		
84.	80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	5300.	3.7	.0	44.0		
85.	80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	5300.	3.7	.0	44.0		
86.	80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	6050.	3.7	.0	44.0		
87.	80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	6050.	3.7	.0	44.0		
88.	80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	6050.	3.7	.0	44.0		
89.	80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	6050.	3.7	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/22/2006 TIME: 23:25:07.61

RUN: I 15 AND ROSEMONT B130 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12	NBOFFRAMP *	145	119	4.0	275	1770	28.30	2 3
14. 14	NBOFFRAMP *	145	119	4.0	700	1583	28.30	2 3
30. 30	NB 2ND ST *	145	114	4.0	650	1680	28.30	2 3
50. 50	SB15 RAMP *	90	72	4.0	75	1342	28.30	2 3
52. 52	SB15 RAMP *	90	72	4.0	25	1583	28.30	2 3
58. 58	WB ROSE Q *	145	109	4.0	825	1727	28.30	2 3
62. 62	WB ROSE Q *	90	44	4.0	1400	1751	28.30	2 3
78. 78	EB ROSE Q *	90	58	4.0	750	1761	28.30	2 3
81. 81	EB ROSE Q *	145	89	4.0	900	1710	28.30	2 3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* 1.1	1.0	1.0	1.2	1.0	.8	.7	.3	.4	.5	1.0	1.0	.9	.9	.1	.0	.0	.0	.0	.0	
5.	* 1.1	1.1	1.1	1.2	1.0	.8	.7	.3	.4	.4	1.0	1.0	.9	.9	.1	.1	.0	.0	.0	.0	
10.	* 1.3	1.2	1.2	1.3	.9	1.0	.7	.3	.4	.4	1.1	1.1	1.1	1.1	.1	.1	.0	.0	.0	.0	
15.	* 1.3	1.3	1.3	1.3	.9	.9	.7	.3	.4	.6	1.1	1.2	1.1	1.1	.1	.1	.0	.0	.0	.0	
20.	* 1.4	1.4	1.4	1.4	1.1	.8	.7	.4	.3	.6	1.2	1.3	1.1	1.2	.1	.1	.1	.0	.0	.0	
25.	* 1.5	1.4	1.4	1.4	1.1	.9	.6	.3	.3	.6	1.3	1.4	1.1	1.2	.2	.1	.1	.0	.0	.0	
30.	* 1.5	1.5	1.4	1.7	1.1	.8	.6	.2	.3	.5	1.5	1.5	1.3	1.3	.3	.1	.1	.0	.0	.0	
35.	* 1.6	1.6	1.7	1.7	1.0	.8	.5	.1	.3	.5	1.4	1.6	1.4	1.3	.4	.3	.1	.0	.0	.0	
40.	* 1.6	1.7	1.7	1.7	.9	.8	.5	.1	.3	.5	1.6	1.5	1.2	1.3	.5	.3	.3	.2	.0	.0	
45.	* 1.8	1.7	1.7	1.7	.9	.7	.5	.1	.1	.3	1.7	1.5	1.2	1.3	.7	.5	.4	.2	.0	.0	
50.	* 1.6	1.6	1.6	1.5	.8	.6	.5	.1	.1	.3	1.4	1.4	.9	1.1	1.0	.8	.7	.4	.1	.0	
55.	* 1.4	1.4	1.4	1.3	.6	.5	.5	.1	.0	.1	1.2	1.1	.7	.9	1.1	1.0	1.0	.6	.2	.0	
60.	* 1.1	1.0	1.1	1.1	.6	.6	.5	.1	.0	.1	.9	.9	.4	.6	1.3	1.2	1.1	.8	.3	.1	
65.	* .6	.8	.8	.7	.5	.8	.5	.1	.1	.0	.6	.5	.3	.4	1.4	1.3	1.2	.9	.5	.2	
70.	* .4	.5	.6	.6	.5	.7	.5	.1	.2	.0	.4	.3	.1	.3	1.3	1.3	1.2	.9	.5	.2	
75.	* .3	.5	.4	.4	.6	.7	.4	.1	.2	.1	.2	.3	.1	.2	1.2	1.2	1.3	1.0	.5	.2	
80.	* .2	.4	.4	.5	.6	.7	.4	.0	.2	.1	.2	.1	.0	.1	1.3	1.1	1.2	1.0	.6	.3	
85.	* .0	.4	.4	.5	.6	.7	.5	.0	.2	.1	.2	.2	.0	.1	1.2	1.1	1.0	.8	.6	.3	
90.	* .0	.3	.3	.5	.6	.6	.5	.0	.2	.1	.2	.2	.0	.1	1.1	1.0	1.1	.8	.5	.3	
95.	* .0	.2	.2	.5	.6	.6	.5	.0	.2	.1	.2	.1	.0	.1	1.0	1.0	1.0	.9	.6	.3	
100.	* .0	.1	.2	.5	.6	.6	.5	.0	.2	.1	.1	.1	.0	.1	.9	1.0	1.0	.8	.6	.3	
105.	* .0	.2	.2	.4	.5	.5	.5	.0	.1	.1	.1	.1	.0	.0	.9	.9	.9	.8	.5	.3	
110.	* .0	.2	.3	.4	.5	.6	.5	.0	.2	.1	.1	.1	.0	.0	.9	.9	.9	.8	.4	.2	
115.	* .0	.2	.3	.5	.6	.5	.4	.1	.2	.0	.1	.0	.0	.0	.9	.9	.8	.7	.4	.3	
120.	* .0	.2	.2	.5	.6	.4	.4	.2	.3	.1	.2	.0	.0	.0	.9	.8	.8	.7	.4	.5	

S34B130P.OUT

125.	*	.0	.1	.1	.4	.5	.5	.4	.4	.2	.2	.3	.0	.0	.0	.9	.8	.8	.7	.5	.4
130.	*	.0	.0	.1	.3	.4	.3	.3	.5	.3	.3	.3	.1	.0	.0	.8	.9	.8	.8	.6	.5
135.	*	.0	.0	.0	.2	.3	.3	.3	.6	.4	.3	.5	.1	.0	.0	.8	.8	.9	1.0	.7	.6
140.	*	.0	.0	.0	.2	.3	.1	.2	.7	.5	.5	.6	.1	.1	.0	.8	1.0	1.0	1.0	.8	.5
145.	*	.0	.0	.0	.0	.1	.0	.0	.7	.5	.6	.6	.1	.1	.0	.8	1.0	1.0	1.0	.8	.5
150.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.5	.1	.1	.0	.8	1.0	1.0	1.0	.7	.5
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.5	.2	.1	.0	.8	.9	.9	1.0	.7	.6
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5	.5	.1	.1	.1	.9	.8	.9	.9	.7	.6
165.	*	.0	.0	.0	.0	.0	.0	.0	.6	.5	.5	.5	.1	.0	.1	1.0	.8	.9	.9	.5	.6
170.	*	.0	.1	.1	.0	.0	.0	.0	.6	.5	.5	.5	.1	.0	.1	.9	.9	1.0	.9	.5	.7
175.	*	.1	.1	.1	.0	.0	.0	.0	.6	.5	.4	.6	.1	.0	.1	.9	1.0	.9	1.0	.5	.5
180.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.2	.0	.0	.9	1.0	1.0	1.0	.6	.5
185.	*	.1	.1	.1	.1	.0	.0	.0	.6	.5	.4	.4	.2	.1	.0	.9	.9	1.0	1.0	.6	.5
190.	*	.1	.1	.1	.1	.0	.1	.0	.6	.5	.4	.4	.3	.1	.1	.9	1.0	1.0	1.0	.6	.4
195.	*	.1	.1	.1	.1	.0	.1	.0	.5	.5	.4	.4	.3	.1	.1	1.1	1.1	1.2	1.0	.6	.5
200.	*	.1	.1	.1	.1	.0	.1	.0	.5	.5	.4	.3	.3	.1	.1	1.2	1.1	1.1	.9	.6	.6
205.	*	.2	.2	.2	.1	.0	.1	.0	.5	.6	.4	.3	.3	.1	.1	1.3	1.2	1.1	1.0	.7	.7

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.2	.2	.2	.1	.0	.1	.0	.5	.6	.4	.4	.2	.1	1.3	1.2	1.2	1.1	.7	.5
215.	*	.3	.3	.3	.2	.0	.1	.0	.5	.6	.4	.5	.2	.3	1.4	1.3	1.2	1.1	.7	.4
220.	*	.6	.6	.6	.3	.0	.0	.1	.6	.4	.4	.6	.5	.2	.4	1.5	1.3	1.1	.6	.4
225.	*	.7	.7	.8	.6	.0	.0	.1	.6	.4	.4	.9	.8	.4	.6	1.4	1.2	1.0	.5	.3
230.	*	1.3	1.2	1.2	.8	.1	.0	.1	.6	.4	.4	1.1	1.0	.7	.9	1.2	1.3	.9	.4	.2
235.	*	1.5	1.5	1.5	1.2	.2	.0	.1	.6	.4	.6	1.5	1.4	.9	1.1	1.2	1.1	.9	.7	.2
240.	*	1.6	1.6	1.7	1.4	.3	.1	.1	.6	.5	.8	1.7	1.6	1.2	1.3	1.0	.7	.6	.4	.1
245.	*	1.7	1.7	1.6	1.6	.4	.1	.1	.6	.6	.8	1.9	1.7	1.3	1.4	.6	.4	.3	.2	.1
250.	*	1.5	1.6	1.6	1.6	.4	.3	.1	.6	.7	.9	1.9	1.7	1.3	1.3	.4	.3	.2	.1	.2
255.	*	1.4	1.5	1.6	1.4	.6	.3	.1	.7	.7	1.0	1.7	1.5	1.2	1.2	.4	.2	.1	.1	.3
260.	*	1.4	1.4	1.5	1.4	.6	.4	.2	.8	.8	.9	1.5	1.4	1.2	1.3	.2	.1	.2	.1	.2
265.	*	1.4	1.4	1.3	1.2	.6	.4	.2	.8	.6	.9	1.4	1.4	1.2	1.2	.2	.1	.2	.1	.3
270.	*	1.3	1.2	1.3	1.1	.5	.2	.2	.8	.7	.9	1.4	1.4	1.1	1.0	.1	.1	.2	.1	.2
275.	*	1.2	1.3	1.3	1.1	.4	.3	.3	.7	.8	.9	1.4	1.3	1.0	1.1	.1	.1	.1	.2	.4
280.	*	1.2	1.1	1.1	1.0	.4	.3	.2	.6	.8	.9	1.4	1.3	1.0	1.1	.1	.1	.1	.2	.5
285.	*	1.1	1.1	1.1	1.0	.4	.3	.2	.6	.8	.9	1.3	1.1	.9	.9	.1	.1	.2	.2	.5
290.	*	1.0	1.1	1.0	1.0	.5	.3	.2	.7	.8	.9	1.3	1.1	.9	.9	.1	.0	.1	.2	.3
295.	*	1.0	1.1	1.0	.9	.5	.3	.3	.6	.8	.8	1.3	1.1	.9	.9	.1	.0	.0	.2	.4
300.	*	1.0	.9	.9	.9	.5	.3	.3	.6	.7	.8	1.2	.9	.9	.8	.1	.0	.0	.2	.4
305.	*	.9	.9	.9	.9	.5	.5	.3	.5	.7	.7	1.1	.9	.9	.8	.0	.0	.0	.2	.5
310.	*	.9	.9	.9	.9	.6	.6	.3	.5	.7	.6	1.1	.9	.9	.8	.0	.0	.0	.2	.4
315.	*	1.0	1.0	1.0	1.0	.7	.6	.5	.5	.5	.7	1.1	.9	.9	.9	.0	.0	.0	.1	.2
320.	*	1.1	1.0	1.0	1.1	.8	.7	.5	.2	.4	.6	1.2	1.0	.9	.9	.0	.0	.0	.1	.2
325.	*	1.0	1.0	1.0	1.2	.8	.7	.5	.2	.4	.6	1.1	1.0	.9	.9	.0	.0	.0	.0	.2
330.	*	1.0	1.0	1.0	1.1	.8	.8	.4	.2	.4	.6	1.1	1.0	.9	.9	.0	.0	.0	.0	.0
335.	*	1.1	1.0	1.0	1.1	.8	.8	.4	.3	.3	.5	1.0	.9	.9	.8	.0	.0	.0	.0	.0
340.	*	1.1	.9	.9	1.1	.8	.8	.4	.3	.3	.4	.9	.9	.9	.8	.0	.0	.0	.0	.0
345.	*	1.0	.9	.9	1.1	.9	.8	.5	.2	.3	.5	.9	.9	.9	.8	.1	.0	.0	.0	.0
350.	*	1.0	1.0	1.0	1.1	.9	.8	.4	.3	.3	.5	.9	.9	.9	.8	.1	.0	.0	.0	.0
355.	*	1.1	1.0	1.0	1.1	1.0	.8	.6	.3	.3	.5	1.0	1.0	.9	.9	.1	.0	.0	.0	.0
360.	*	1.1	1.0	1.0	1.2	1.0	.8	.7	.3	.4	.5	1.0	1.0	.9	.9	.1	.0	.0	.0	.0
MAX		1.8	1.7	1.7	1.7	1.1	1.0	.7	.8	.8	1.0	1.9	1.7	1.4	1.4	1.5	1.3	1.3	1.1	.8
DEGR.		45	245	35	30	20	10	0	260	260	255	245	245	35	245	220	230	75	210	140

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.4	.2	.2	.1	.0
5.	*	.0	.1	.4	.2	.2	.0	.0
10.	*	.0	.3	.3	.2	.2	.0	.0
15.	*	.0	.3	.3	.2	.2	.0	.0
20.	*	.0	.3	.3	.2	.2	.0	.0
25.	*	.0	.2	.3	.2	.2	.1	.0
30.	*	.0	.2	.3	.2	.2	.1	.0
35.	*	.0	.2	.3	.2	.2	.1	.0
40.	*	.0	.2	.2	.2	.3	.2	.0
45.	*	.0	.2	.2	.2	.4	.4	.1
50.	*	.0	.2	.2	.3	.6	.7	.2
55.	*	.0	.2	.2	.4	.7	.9	.5
60.	*	.0	.2	.3	.5	1.0	1.1	.5
65.	*	.0	.2	.4	.5	1.2	1.3	.6
70.	*	.0	.3	.4	.6	1.2	1.2	.7
75.	*	.1	.4	.5	.7	1.2	1.2	.7
80.	*	.2	.4	.5	.7	1.1	1.2	.6
85.	*	.2	.4	.5	.6	1.2	1.0	.7
90.	*	.2	.4	.5	.7	1.1	1.1	.6
95.	*	.2	.5	.5	.7	1.1	.9	.6
100.	*	.2	.6	.6	.6	1.0	.9	.5
105.	*	.2	.5	.4	.6	1.0	1.0	.6
110.	*	.2	.5	.4	.6	1.0	1.0	.6
115.	*	.2	.5	.5	.6	1.1	1.0	.5
120.	*	.2	.3	.5	.7	1.2	1.0	.5
125.	*	.3	.3	.5	.9	1.2	.9	.5
130.	*	.4	.3	.6	.9	1.2	.9	.5
135.	*	.4	.2	.5	.8	1.2	.8	.5

S34B130P.OUT

```

140. * .4 .2 .4 .4 1.0 .8 .8 .6
145. * .7 .2 .3 .4 .9 .8 .8 .5
150. * .7 .2 .3 .4 .8 .8 .8 .5
155. * .7 .2 .3 .4 .8 .8 .8 .5
160. * .6 .2 .3 .4 .8 .8 .8 .6
165. * .6 .2 .3 .4 .7 .8 .8 .4
170. * .6 .1 .3 .4 .8 .8 .8 .5
175. * .5 .2 .3 .4 .8 .8 .8 .5
180. * .5 .3 .3 .4 .8 .9 .8 .4
185. * .5 .2 .2 .4 .8 .9 .9 .6
190. * .6 .2 .4 .4 .8 .9 .9 .6
195. * .6 .2 .4 .4 .9 .9 1.1 .5
200. * .5 .2 .4 .6 .9 1.0 1.1 .6
205. * .3 .1 .3 .5 .9 1.1 1.0 .6

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .1 .3 .5 1.0 1.2 1.2 .6
215. * .2 .0 .2 .5 1.0 1.2 1.3 .6
220. * .2 .0 .1 .5 1.1 1.3 1.2 .7
225. * .2 .0 .1 .3 1.0 1.1 1.3 .4
230. * .1 .0 .0 .1 .8 1.1 1.0 .2
235. * .1 .0 .0 .1 .6 .7 .7 .2
240. * .1 .0 .0 .0 .4 .5 .4 .0
245. * .1 .0 .0 .0 .1 .4 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .1 .0 .0
265. * .3 .0 .0 .0 .0 .0 .0 .0
270. * .3 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .3 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .2 .0 .0 .1 .1 .0 .0 .0
310. * .2 .0 .1 .2 .2 .0 .0 .0
315. * .1 .0 .3 .3 .3 .0 .0 .0
320. * .0 .1 .3 .3 .3 .0 .0 .0
325. * .0 .1 .3 .3 .3 .0 .0 .0
330. * .0 .2 .4 .3 .3 .0 .0 .0
335. * .0 .2 .4 .3 .2 .0 .0 .0
340. * .0 .2 .4 .3 .2 .1 .0 .0
345. * .0 .2 .4 .2 .2 .0 .0 .0
350. * .0 .0 .4 .2 .2 .1 .0 .0
355. * .0 .0 .4 .2 .2 .1 .0 .0
360. * .0 .1 .4 .2 .2 .1 .0 .0
-----
MAX * .7 .6 .6 .9 1.2 1.3 1.3 .7
DEGR. * 145 100 100 125 65 220 215 70

```

```

THE HIGHEST CONCENTRATION IS 1.90 PPM AT 245 DEGREES FROM REC11.
THE 2ND HIGHEST CONCENTRATION IS 1.80 PPM AT 45 DEGREES FROM REC1 .
THE 3RD HIGHEST CONCENTRATION IS 1.70 PPM AT 245 DEGREES FROM REC2 .

```

1

JOB: I 15 AND ROSEMONT

DATE: 12/22/2006 TIME: 23:25:07.61

RUN: I 15 AND ROSEMONT B130 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # 45 245 35 30 20 10 0 260 260 255 245 245 35 245 220 230 75 210 140 170
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .3 .2 .0 .0 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .1 .0 .1 .0 .0
3 * 1.1 1.2 1.3 1.1 .3 .2 .0 .0 .2 .3 1.3 1.3 .2 .3 .2 .1 .3 .2 .2
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .0 .1 .1 .1 .1 .1 .0 .0 .0 .0 .0 .8 .9 .1 .3 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B130P.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.3	.0	.8	.0	.1	.0	.0	.0	.0
41	*	.2	.0	.2	.2	.1	.1	.0	.0	.1	.1	.1	.0	.2	.3	.9	.8	.6	.2	.2
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 9

LINK #	*	CO/LINK (PPM)		REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
		ANGLE (DEGREES)	ANGLE (DEGREES)																		
		REC1	REC2	REC3																	
		45	245	35	30	20	10	0	260	260	255	245	245	35	245	220	230	75	210	140	170
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 12/22/2006 TIME: 23:25:07.61

RUN: I 15 AND ROSEMONT B130 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM)		REC24	REC25	REC26	REC27	REC28
		ANGLE (DEGREES)	ANGLE (DEGREES)					
		REC21	REC22	REC23				
		145	100	100	125	65	220	215
1	*	.0	.0	.0	.0	.1	.1	.0
2	*	.0	.0	.0	.0	.2	.2	.0
3	*	.1	.1	.1	.2	.1	.1	.2
4	*	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.2	.0	.1
24	*	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.0	.0	.0	.1	.0	.0
41	*	.1	.1	.2	.2	.6	.7	.5
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B130P.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B130 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 145	REC22 100	REC23 100	REC24 125	REC25 65	REC26 220	REC27 215	REC28 70
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.1	.3	.1
54	*	.0	.0	.0	.0	.1	.1	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.1	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.2	.1	.1	.1	.1	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.1	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.1	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B230A.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B230 AM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	3750. 3.7	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	3750. 3.7	0. 44.	50.4
3	NB 15	AG191332.640193.191857.640571.	3750. 3.7	0. 44.	50.4
4	NB OFFRAMPAG	191857.640571.191960.640623.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	775. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	775. 2.6	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	250. 2.6	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
125	101	4.0 250 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	525. 2.6	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
125	101	4.0 525 28.3 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	600. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	600. 2.6	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	600. 2.6	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	3750. 3.7	0. 44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	225. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	225. 2.6	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
125	106	4.0 225 28.3 1681 2 3			
31	NB 15 ON RAG	191934.640223.191986.640270.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	191986.640270.192132.640439.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192132.640439.192165.640514.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192165.640514.192184.640621.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192184.640621.192226.640733.	200. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192226.640733.192290.640837.	200. 2.6	0. 32.	30.0

S34B230A.DAT

31	NB 15 ON	RAG192290.640837.192329.640883.	200. 2.6	0. 32. 30.0
31	NB 15 ON	RAG192329.640883.192397.640944.	200. 2.6	0. 32. 30.0
31	NB 15 ON	RAG192397.640944.192459.641017.	200. 2.6	0. 32. 30.0
40	SB 15	AG192414.641075.191866.640671.	5100. 3.7	0. 44. 59
41	SB 15	AG191866.640671.191396.640337.	5100. 3.7	0. 44. 59
42	SB 15 OFFRAG	191396.640337.191304.640300.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191304.640300.191225.640317.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191225.640317.191185.640352.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191185.640352.191163.640405.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191163.640405.191169.640531.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191169.640531.191199.640621.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191199.640621.191246.640695.	150. 2.6	0. 32. 30.0
42	SB 15 OFFRAG	191246.640695.191307.640777.	75. 2.6	0. 32. 30.0
50	SB15 RAMP	AG191284.640746.191251.640701.	0. 12. 1	
65	49	4.0 75 28.3 1308 2 3		
51	SB 15 OFFRAG	191246.640695.191341.640730.	75. 2.6	0. 44. 30.0
52	SB15 RAMP	AG191328.640725.191261.640700.	0. 24. 2	
65	49	4.0 75 28.3 1583 2 3		
53	SB 15	AG191396.640337.191282.640244.	4100. 3.7	0. 44. 59
54	SB 15	AG191282.640244.190930.639988.	4100. 3.7	0. 44. 59
55	SB 15	AG190930.639988.190811.639884.	5100. 3.7	0. 44. 59
56	WB ROSEMONAG	192403.639820.192097.640064.	375. 2.6	0. 44. 30
57	WB ROSEMONAG	192097.640064.191916.640222.	375. 2.6	0. 44. 30
58	WB ROSE Q	AG191949.640193.192034.640119.	0. 24. 2	
125	103	4.0 375 28.3 1711 2 3		
59	WB ROSEMONAG	191916.640222.191878.640271.	375. 2.6	0. 44. 30
60	WB ROSEMONAG	191878.640271.191817.640307.	950. 2.6	0. 44. 30
61	WB ROSEMONAG	191817.640307.191306.640792.	950. 2.6	0. 44. 30
62	WB ROSE Q	AG191330.640769.191421.640683.	0. 24. 2	
65	39	4.0 950 28.3 1733 2 3		
63	WB ROSEMONAG	191306.640792.191144.640951.	875. 2.6	0. 44. 30
64	WB ROSEMONAG	191144.640951.191046.641019.	875. 2.6	0. 44. 30
65	WB ROSEMONAG	191046.641019.190888.641123.	875. 2.6	0. 44. 30
66	EB ROSEMONAG	190873.641107.190977.641037.	1675. 2.6	0. 44. 30
67	SB 270 ONRAG	190977.641037.191077.640931.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191077.640931.191137.640865.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191137.640865.191176.640783.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191176.640783.191178.640713.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191178.640713.191156.640575.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191156.640575.191108.640301.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191108.640301.191083.640220.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191083.640220.191038.640125.	1000. 2.6	0. 32. 30
67	SB 270 ONRAG	191038.640125.190930.639988.	1000. 2.6	0. 32. 30
76	EB ROSE	AG190977.641037.191115.640951.	750. 2.6	0. 44. 30
77	EB ROSE	AG191115.640951.191305.640778.	750. 2.6	0. 44. 30
78	eB ROSE Q	AG191279.640802.191187.640886.	0. 24. 2	
65	26	4.0 750 28.3 1764 2 3		
79	EB ROSE	AG191307.640777.191579.640509.	750. 2.6	0. 44. 30
80	EB ROSE	AG191579.640509.191907.640207.	1350. 2.6	0. 44. 30
81	EB ROSE Q	AG191867.640244.191768.640335.	0. 24. 2	
125	61	4.0 1350 28.3 1716 2 3		
80	EB ROSE	AG191907.640207.192388.639800.	925. 2.6	0. 44. 30
80	SB 15	AG190810.639884.190461.639523.	5100. 3.7	0. 44. 59
80	SB 15	AG190461.639524.190212.639214.	5100. 3.7	0. 44. 59
80	SB 15	AG190212.639214.190004.638912.	5100. 3.7	0. 44. 59
80	NB 15	AG190860.639817.190678.639647.	3750. 3.7	0. 44. 59

80		NB 15	AG190678.639647.190434.639378.	3750. 3.7	0. 44.	59
1						
80		NB 15	AG190434.639378.190212.639090.	3750. 3.7	0. 44.	59
1						
80		NB 15	AG190212.639090.190063.638865.	3750. 3.7	0. 44.	59
1.0	0.4 1000. 0.0Y	5	0 72			

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:08.39

RUN: I 15 AND ROSEMONT B230 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	3750.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	3750.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	3750.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	775.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	775.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	775.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	775.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	775.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	775.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	775.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	250.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192043.9	640382.3	*	186.	41. AG	61.	100.0	.0	12.0	.98 9.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	525.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	195126.7	641149.6	*	3345.	75. AG	61.	100.0	.0	12.0	2.31 170.0
15. 15	SB 2ND ST	* 191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	600.	2.6	.0	32.0	
16. 15	SB 2ND ST	* 191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	600.	2.6	.0	32.0	
17. 15	SB 2ND ST	* 191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	600.	2.6	.0	32.0	
18. 15	SB 2ND ST	* 191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	600.	2.6	.0	32.0	
19. 15	SB 2ND ST	* 191779.0	639965.0	191779.0	639965.0	*	46.	180. AG	600.	2.6	.0	32.0	
20. 15	SB 2ND ST	* 191779.0	639965.0	191789.0	639884.0	*	82.	173. AG	600.	2.6	.0	32.0	
21. 15	SB 2ND ST	* 191789.0	639884.0	191805.0	639773.0	*	112.	172. AG	600.	2.6	.0	32.0	
22. 22	SB 2ND ST	* 191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	600.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	3750.	3.7	.0	44.0	
24. 24	NB 2ND ST	* 191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	225.	2.6	.0	32.0	
25. 24	NB 2ND ST	* 191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	225.	2.6	.0	32.0	
26. 24	NB 2ND ST	* 191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	225.	2.6	.0	32.0	
27. 24	NB 2ND ST	* 191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	225.	2.6	.0	32.0	
28. 24	NB 2ND ST	* 191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	225.	2.6	.0	32.0	
29. 24	NB 2ND ST	* 191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	225.	2.6	.0	32.0	
30. 30	NB 2ND ST	* 191902.0	640185.0	191443.2	639665.3	*	693.	221. AG	64.	100.0	.0	12.0	1.29 35.2
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640223.0	*	70.	48. AG	200.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	200.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	200.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	200.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	200.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	200.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	200.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	200.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	200.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	5100.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	5100.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	150.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	150.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	150.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:08.39

RUN: I 15 AND ROSEMONT B230 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	150.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	150.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	150.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	150.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191272.1	640729.8	*	20.	216. AG	57.	100.0	.0	12.0	.37 1.0
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	75.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191318.7	640721.5	*	10.	250. AG	114.	100.0	.0	24.0	.15 .5
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	4100.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	4100.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	5100.	3.7	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	375.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	375.	2.6	.0	44.0	
58. 58	WB ROSE Q	* 191949.0	640193.0	192036.5	640116.9	*	116.	131. AG	125.	100.0	.0	24.0	.85 5.9
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	375.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	950.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	950.	2.6	.0	44.0	
62. 62	WB ROSE Q	* 191330.0	640769.0	191420.8	640683.2	*	125.	133. AG	91.	100.0	.0	24.0	.89 6.3
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	875.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	875.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	875.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1000.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1000.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1000.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1000.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1000.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1000.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1000.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1000.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1000.	2.6	.0	32.0	
76. 76	EB ROSE	* 190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	750.	2.6	.0	44.0	
77. 77	EB ROSE	* 191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	750.	2.6	.0	44.0	
78. 78	eB ROSE Q	* 191279.0	640802.0	191239.6	640838.0	*	53.	312. AG	61.	100.0	.0	24.0	.42 2.7
79. 79	EB ROSE	* 191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	750.	2.6	.0	44.0	
80. 80	EB ROSE	* 191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	1350.	2.6	.0	44.0	

S34B230A.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191701.2	640396.4	*	225.	313.	AG	74.	100.0	.0	24.0	.85	11.4
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	*	630.	130.	AG	925.	2.6	.0	44.0		
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	*	502.	224.	AG	5100.	3.7	.0	44.0		
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	*	398.	219.	AG	5100.	3.7	.0	44.0		
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	*	367.	215.	AG	5100.	3.7	.0	44.0		
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	*	249.	227.	AG	3750.	3.7	.0	44.0		
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	*	363.	222.	AG	3750.	3.7	.0	44.0		
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	*	364.	218.	AG	3750.	3.7	.0	44.0		
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	*	270.	214.	AG	3750.	3.7	.0	44.0		

1

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:08.39

RUN: I 15 AND ROSEMONT B230 AM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12 NBOFFRAMP	* 125	101	4.0	250	1770	28.30	2	3
14. 14 NBOFFRAMP	* 125	101	4.0	525	1583	28.30	2	3
30. 30 NB 2ND ST	* 125	106	4.0	225	1681	28.30	2	3
50. 50 SB15 RAMP	* 65	49	4.0	75	1308	28.30	2	3
52. 52 SB15 RAMP	* 65	49	4.0	75	1583	28.30	2	3
58. 58 WB ROSE Q	* 125	103	4.0	375	1711	28.30	2	3
62. 62 WB ROSE Q	* 65	39	4.0	950	1733	28.30	2	3
78. 78 eB ROSE Q	* 65	26	4.0	750	1764	28.30	2	3
81. 81 EB ROSE Q	* 125	61	4.0	1350	1716	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* .7	.8	.8	1.0	.8	.6	.6	.2	.2	.4	.8	.8	.8	.8	.1	.1	.0	.0	.0	.0	.0
5.	* .8	.8	.8	1.0	.8	.6	.6	.2	.4	.4	.8	.8	.7	.8	.1	.1	.0	.0	.0	.0	.0
10.	* .9	.9	.9	1.0	.8	.7	.6	.2	.4	.5	.9	.8	.8	.8	.1	.1	.0	.0	.0	.0	.0
15.	* 1.0	.9	.9	1.1	.8	.8	.5	.2	.2	.5	.9	.9	.8	.9	.1	.1	.1	.0	.0	.0	.0
20.	* .9	1.0	1.0	1.1	.8	.7	.6	.2	.2	.5	.9	.9	.9	.9	.2	.1	.1	.0	.0	.0	.0
25.	* 1.0	1.0	1.0	1.2	.9	.6	.6	.3	.2	.4	.9	1.1	.8	.9	.2	.1	.1	.0	.0	.0	.0
30.	* 1.0	1.0	1.1	1.2	.8	.6	.4	.1	.2	.4	1.1	1.0	.9	1.0	.3	.1	.1	.0	.0	.0	.0
35.	* 1.1	1.2	1.2	1.3	.8	.6	.4	.1	.2	.5	1.2	1.1	1.0	1.0	.4	.3	.2	.0	.0	.0	.0
40.	* 1.3	1.2	1.2	1.4	.8	.6	.5	.1	.2	.4	1.1	1.2	1.0	1.0	.6	.5	.3	.2	.0	.0	.0
45.	* 1.3	1.2	1.2	1.3	.7	.6	.5	.1	.2	.3	1.2	1.0	.9	.9	.8	.6	.5	.2	.0	.0	.0
50.	* 1.2	1.1	1.1	1.2	.6	.5	.5	.1	.1	.2	1.0	1.0	.7	.8	1.1	.9	.8	.5	.1	.0	.0
55.	* 1.0	1.0	1.0	1.0	.5	.3	.5	.1	.0	.1	.8	.8	.5	.7	1.3	1.1	1.0	.6	.1	.1	.1
60.	* .8	.8	.7	.8	.5	.3	.5	.1	.0	.1	.7	.6	.4	.4	1.3	1.3	1.3	.7	.4	.1	.1
65.	* .4	.5	.5	.5	.4	.3	.5	.1	.0	.0	.4	.4	.2	.3	1.4	1.4	1.2	.9	.4	.2	.2
70.	* .2	.3	.3	.4	.4	.4	.5	.1	.1	.0	.3	.2	.1	.2	1.4	1.3	1.3	.9	.5	.2	.2
75.	* .1	.2	.3	.3	.5	.4	.4	.0	.1	.0	.1	.1	.0	.1	1.3	1.2	1.2	.9	.4	.2	.2
80.	* .1	.3	.3	.4	.5	.5	.3	.0	.1	.1	.1	.1	.0	.1	1.2	1.1	1.3	.9	.5	.3	.3
85.	* .0	.3	.4	.5	.5	.5	.3	.0	.1	.1	.2	.1	.0	.1	1.2	1.1	1.0	.8	.6	.3	.3
90.	* .0	.1	.4	.4	.6	.5	.3	.0	.1	.1	.2	.1	.0	.0	1.1	1.0	1.0	.8	.5	.3	.3
95.	* .0	.1	.3	.4	.6	.5	.3	.0	.1	.1	.2	.0	.0	.0	1.0	1.0	1.0	.8	.5	.3	.3
100.	* .0	.1	.2	.4	.7	.4	.3	.0	.1	.1	.0	.0	.0	.0	.9	.9	1.0	.8	.4	.4	.4
105.	* .0	.1	.2	.4	.6	.4	.2	.0	.1	.1	.0	.0	.0	.0	.9	1.0	.9	.8	.4	.3	.3
110.	* .0	.1	.2	.4	.6	.4	.2	.0	.1	.1	.0	.0	.0	.0	.9	.9	.9	.7	.4	.3	.3
115.	* .0	.0	.0	.3	.6	.5	.2	.0	.1	.0	.0	.0	.0	.0	.9	.8	.8	.7	.4	.3	.3
120.	* .0	.0	.0	.3	.4	.4	.1	.0	.2	.0	.1	.0	.0	.0	.9	.8	.8	.7	.4	.3	.3

S34B230A.OUT

125.	*	.0	.0	.0	.2	.4	.3	.1	.0	.1	.0	.1	.0	.0	.0	.8	.8	.8	.7	.4	.4
130.	*	.0	.0	.0	.2	.3	.3	.1	.2	.2	.1	.3	.0	.0	.0	.8	.8	.8	.7	.5	.4
135.	*	.0	.0	.0	.2	.2	.2	.1	.2	.2	.3	.3	.0	.0	.0	.8	.8	.8	.8	.6	.4
140.	*	.0	.0	.0	.0	.2	.1	.1	.3	.3	.3	.3	.0	.0	.0	.8	.9	.8	1.0	.7	.5
145.	*	.0	.0	.0	.0	.1	.0	.0	.3	.4	.3	.4	.0	.0	.0	.8	.9	.8	1.0	.6	.5
150.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.0	.0	.0	.8	.9	.8	1.0	.6	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.4	.0	.0	.0	.8	.8	.9	1.0	.6	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.5	.3	.4	.4	.1	.0	.0	.8	.8	.9	.9	.6	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.1	.0	.0	.8	.8	.9	.9	.6	.5
170.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.1	.0	.0	.9	.8	.9	.9	.6	.5
175.	*	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.3	.1	.0	.0	.9	.9	.8	.9	.5	.5
180.	*	.0	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.1	.0	.0	.9	.9	.9	.9	.5	.5
185.	*	.1	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.1	.0	.0	.9	.9	.9	1.0	.5	.5
190.	*	.1	.1	.1	.0	.0	.1	.0	.5	.5	.4	.3	.1	.0	.0	1.0	1.0	.9	1.0	.5	.4
195.	*	.1	.1	.1	.0	.0	.1	.0	.5	.5	.4	.4	.2	.1	.0	1.0	1.0	1.0	1.0	.5	.4
200.	*	.1	.1	.1	.0	.0	.0	.0	.5	.5	.4	.3	.2	.1	.0	1.2	1.1	1.0	1.0	.5	.5
205.	*	.1	.1	.1	.1	.0	.0	.0	.5	.3	.4	.3	.2	.1	.1	1.2	1.1	1.1	1.0	.5	.6

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.1	.1	.2	.1	.0	.0	.0	.5	.3	.4	.3	.2	.0	.1	1.2	1.2	1.1	1.1	.5	.5
215.	*	.2	.2	.2	.1	.0	.0	.0	.5	.4	.4	.4	.2	.1	.1	1.4	1.3	1.2	1.1	.7	.3
220.	*	.3	.4	.3	.2	.0	.0	.0	.5	.4	.4	.5	.3	.1	.3	1.4	1.3	1.2	1.2	.6	.3
225.	*	.5	.5	.5	.3	.0	.0	.1	.5	.4	.4	.6	.4	.2	.4	1.5	1.3	1.3	1.0	.4	.3
230.	*	.7	.7	.8	.5	.0	.0	.1	.6	.4	.4	.8	.5	.3	.7	1.4	1.2	1.1	.9	.3	.2
235.	*	1.0	.9	.9	.8	.0	.0	.1	.6	.4	.5	1.1	1.0	.6	.8	1.3	1.1	.9	.6	.2	.2
240.	*	1.0	1.0	1.1	.9	.3	.0	.1	.6	.4	.7	1.2	.9	.8	1.0	1.0	.7	.7	.4	.1	.2
245.	*	1.3	1.0	1.1	1.1	.3	.1	.1	.6	.4	.7	1.3	1.1	.9	1.0	.7	.5	.4	.2	.1	.2
250.	*	1.0	1.1	1.1	1.0	.4	.2	.1	.6	.7	.7	1.4	1.0	.9	1.1	.5	.4	.3	.2	.1	.2
255.	*	.9	1.0	1.1	1.1	.4	.3	.1	.6	.6	.8	1.2	.9	.9	1.1	.4	.2	.2	.1	.1	.2
260.	*	1.0	.9	1.0	1.0	.5	.2	.1	.6	.6	.7	1.1	1.0	.9	.9	.2	.2	.1	.1	.1	.2
265.	*	1.0	1.0	1.0	.8	.4	.2	.1	.6	.6	.7	1.2	.9	.9	.9	.2	.1	.1	.1	.2	.2
270.	*	.9	.8	.9	.9	.3	.1	.1	.5	.6	.7	1.1	.9	.8	.9	.1	.1	.1	.1	.2	.2
275.	*	.9	.9	.9	.9	.3	.2	.1	.6	.6	.7	1.1	.9	.8	.9	.1	.1	.1	.1	.2	.2
280.	*	.7	.7	.8	.8	.4	.2	.2	.6	.6	.7	1.0	.8	.8	.8	.1	.1	.1	.1	.2	.2
285.	*	.7	.7	.8	.8	.4	.2	.2	.5	.6	.7	1.0	.8	.8	.7	.1	.1	.0	.1	.2	.3
290.	*	.7	.8	.8	.8	.4	.2	.2	.7	.6	.7	1.0	.8	.7	.8	.1	.1	.0	.1	.2	.3
295.	*	.7	.8	.8	.8	.4	.2	.3	.7	.5	.6	1.0	.8	.7	.8	.1	.0	.0	.1	.2	.3
300.	*	.7	.7	.8	.7	.5	.3	.3	.6	.5	.6	1.0	.7	.7	.7	.1	.0	.0	.1	.2	.3
305.	*	.7	.7	.8	.7	.5	.4	.4	.5	.5	.6	1.0	.7	.6	.7	.1	.0	.0	.1	.2	.2
310.	*	.7	.8	.8	.7	.5	.4	.5	.5	.5	.6	1.0	.7	.7	.7	.0	.0	.0	.1	.2	.2
315.	*	.7	.8	.8	.7	.6	.5	.5	.3	.4	.5	.9	.8	.7	.8	.0	.0	.0	.0	.1	.2
320.	*	.8	.8	.8	1.0	.8	.7	.5	.2	.3	.5	.9	.8	.7	.8	.0	.0	.0	.0	.0	.2
325.	*	.7	.8	.8	1.0	.8	.7	.5	.2	.3	.5	.9	.8	.7	.8	.0	.0	.0	.0	.0	.0
330.	*	.7	.8	.8	1.0	.8	.7	.5	.2	.2	.4	.9	.8	.7	.8	.0	.0	.0	.0	.0	.0
335.	*	.7	.8	.8	.9	.8	.7	.4	.2	.2	.4	.8	.8	.7	.7	.0	.0	.0	.0	.0	.0
340.	*	.8	.8	.8	.9	.9	.7	.4	.2	.2	.4	.7	.7	.6	.7	.0	.0	.0	.0	.0	.0
345.	*	.7	.8	.8	.9	.9	.7	.3	.2	.2	.4	.7	.7	.7	.7	.1	.0	.0	.0	.0	.0
350.	*	.7	.8	.8	.9	.8	.6	.2	.3	.2	.4	.8	.8	.6	.7	.1	.0	.0	.0	.0	.0
355.	*	.8	.8	.8	1.0	.8	.6	.5	.3	.2	.4	.8	.8	.7	.8	.1	.0	.0	.0	.0	.0
360.	*	.7	.8	.8	1.0	.8	.6	.6	.2	.2	.4	.8	.8	.8	.8	.1	.1	.0	.0	.0	.0
MAX		1.3	1.2	1.2	1.4	.9	.8	.6	.7	.7	.8	1.4	1.2	1.0	1.1	1.5	1.4	1.3	1.2	.7	.6
DEGR.	*	45	35	35	40	25	15	0	290	250	255	250	40	35	255	225	65	225	220	140	205

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.2	.2	.0	.0	.0
5.	*	.0	.2	.2	.2	.0	.0	.0
10.	*	.0	.2	.2	.2	.0	.0	.0
15.	*	.0	.2	.2	.2	.0	.0	.0
20.	*	.0	.2	.2	.2	.1	.0	.0
25.	*	.0	.2	.2	.2	.1	.0	.0
30.	*	.0	.2	.2	.2	.1	.1	.0
35.	*	.0	.2	.2	.2	.3	.1	.0
40.	*	.0	.2	.2	.2	.4	.2	.0
45.	*	.0	.2	.2	.2	.4	.5	.1
50.	*	.0	.1	.2	.3	.7	.8	.2
55.	*	.0	.1	.3	.3	.9	.9	.4
60.	*	.0	.1	.3	.5	1.1	1.2	.6
65.	*	.0	.1	.4	.6	1.2	1.3	.6
70.	*	.0	.2	.4	.6	1.2	1.3	.6
75.	*	.1	.2	.5	.6	1.2	1.2	.5
80.	*	.1	.3	.5	.6	1.1	1.2	.6
85.	*	.2	.4	.5	.7	1.2	1.1	.6
90.	*	.2	.5	.5	.7	1.1	1.1	.5
95.	*	.2	.5	.6	.6	1.0	1.0	.5
100.	*	.2	.4	.5	.6	1.0	1.0	.5
105.	*	.2	.4	.5	.6	1.1	1.0	.4
110.	*	.1	.4	.5	.7	1.1	1.0	.5
115.	*	.1	.3	.5	.7	1.1	.9	.5
120.	*	.1	.3	.5	.7	1.1	.8	.4
125.	*	.2	.2	.6	.6	1.1	.8	.4
130.	*	.3	.2	.6	.7	1.1	.8	.4
135.	*	.4	.2	.4	.6	1.0	.8	.3

S34B230A.OUT

```

140. * .4 .2 .3 .5 .8 .8 .8 .3
145. * .5 .2 .3 .4 .8 .8 .8 .4
150. * .6 .2 .3 .4 .8 .8 .8 .4
155. * .6 .2 .3 .4 .7 .8 .8 .5
160. * .6 .2 .3 .4 .7 .8 .8 .4
165. * .6 .2 .3 .4 .7 .8 .8 .3
170. * .6 .1 .3 .4 .7 .8 .8 .4
175. * .6 .1 .3 .4 .8 .8 .8 .4
180. * .4 .0 .2 .4 .8 .8 .8 .4
185. * .4 .0 .2 .4 .8 .9 .8 .4
190. * .4 .2 .3 .4 .8 .9 .9 .5
195. * .5 .1 .3 .3 .8 .9 1.0 .5
200. * .4 .1 .3 .4 .9 1.0 1.1 .4
205. * .4 .1 .3 .5 .9 1.0 1.0 .4

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .1 .3 .5 .9 1.2 1.1 .5
215. * .2 .0 .1 .4 1.0 1.2 1.1 .5
220. * .2 .0 .1 .4 1.1 1.2 1.0 .4
225. * .2 .0 .1 .2 1.0 1.1 1.1 .3
230. * .1 .0 .0 .1 .8 .9 .9 .2
235. * .1 .0 .0 .1 .5 .7 .6 .2
240. * .1 .0 .0 .0 .4 .6 .4 .0
245. * .1 .0 .0 .0 .1 .4 .3 .0
250. * .1 .0 .0 .0 .1 .2 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .0 .0 .0 .0 .0 .1 .0 .0
265. * .0 .0 .0 .0 .0 .1 .0 .0
270. * .0 .0 .0 .0 .0 .0 .0 .0
275. * .1 .0 .0 .0 .0 .0 .0 .0
280. * .3 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .2 .0 .0 .0 .0 .0 .0 .0
300. * .1 .0 .0 .0 .0 .0 .0 .0
305. * .1 .0 .0 .1 .1 .0 .0 .0
310. * .1 .0 .2 .1 .1 .0 .0 .0
315. * .0 .0 .2 .2 .2 .0 .0 .0
320. * .0 .0 .3 .3 .2 .0 .0 .0
325. * .0 .0 .3 .3 .2 .0 .0 .0
330. * .0 .0 .3 .3 .2 .0 .0 .0
335. * .0 .0 .3 .2 .2 .0 .0 .0
340. * .0 .0 .3 .2 .2 .0 .0 .0
345. * .0 .0 .3 .2 .2 .0 .0 .0
350. * .0 .1 .3 .2 .2 .0 .0 .0
355. * .0 .1 .2 .2 .2 .0 .0 .0
360. * .0 .1 .2 .2 .2 .0 .0 .0
-----
MAX * .6 .5 .6 .7 1.2 1.3 1.3 .6
DEGR. * 150 90 95 85 65 65 70 60

```

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 225 DEGREES FROM REC15.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 40 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.40 PPM AT 250 DEGREES FROM REC11.

1

JOB: I 15 AND ROSEMONT

DATE: 12/27/2006 TIME: 14:22:08.39

RUN: I 15 AND ROSEMONT B230 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
LINK # REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
      45 35 35 40 25 15 0 290 250 255 250 40 35 255 225 65 225 220 140 205
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .2 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0
3 * .7 .8 .8 .7 .2 .1 .0 .1 .1 .2 .8 .6 .1 .1 .2 .0 .1 .1 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .3 .5 .6 .2 .0 .0 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B230A.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.2	.3	.1	.9	.4	.0	.0	.0	.0
41	*	.2	.3	.3	.2	.1	.1	.0	.1	.0	.1	.2	.1	.0	.3	.4	.8	1.0	.6	.3
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 35	REC3 35	REC4 40	REC5 25	REC6 15	REC7 0	REC8 290	REC9 250	REC10 255	REC11 250	REC12 40	REC13 35	REC14 255	REC15 225	REC16 65	REC17 225	REC18 220	REC19 140	REC20 205
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
80	*	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
81	*	.0	.0	.0	.0	.2	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 12/27/2006 TIME: 14:22:08.39

RUN: I 15 AND ROSEMONT B230 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 150	REC22 90	REC23 95	REC24 85	REC25 65	REC26 65	REC27 70	REC28 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.1	.1	.1	.1	.2	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.1	.1	.1	.1	.1
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.0	.0	.1	.1	.1
41	*	.1	.1	.2	.3	.7	1.0	.9
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B230A.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 AM

PAGE 11

LINK #	CO/LINK (PPM) ANGLE (DEGREES)							
	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
	150	90	95	85	65	65	70	60
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.1	.1	.1	.1	.1	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.0	.1	.0	.0
81	*	.0	.0	.0	.0	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

S34B230P.DAT

I 15	AND ROSEMONT		60.0175.0.0000.000280.30480000	11	1
R1 US15	NB ROSEMONT	191330.	640165.	5.	
REC 2	164' SE CORNER	191519.	640303.	5.	
REC 3	82' SE CORNER	191587.	640352.	5.	
REC 4	SE CORNER	191653.	640394.	5.	
REC 4	82' ES CORNER	191720.	640348.	5.	
REC 4	164' ES CORNE	191780.	640291.	5.	
REC 7	400' ES CORNE	191958.	640132.	5.	
REC 8	400' EN CORNE	192007.	640171.	5.	
REC 9	164' EN CORNER	191828.	640327.	5.	
REC 10	82' EN CORNER	191767.	640384.	5.	
REC 11	NE CORNER	191708.	640436.	5.	
REC 12	82' NE CORNER	191774.	640483.	5.	
REC 13	164' NE CORNE	191854.	640532.	5.	
REC 14	400' NE CORNE	192037.	640674.	5.	
REC 15	400' NW CORNE	191950.	640754.	5.	
REC 16	164' NW CORNE	191757.	640620.	5.	
REC 17	82' NW CORNER	191688.	640574.	5.	
REC 18	NW CORNER	191622.	640543.	5.	
REC 19	72' WN CORNE	191576.	640576.	5.	
REC 20	164' WN CORN	191499.	640640.	5.	
REC 21	390' WN CORN	191349.	640796.	5.	
REC 22	350' WS CORN	191316.	640696.	5.	
REC 23	164' WS CORN	191448.	640606.	5.	
REC 24	82' WS CORNE	191509.	640548.	5.	
REC 25	SW CORNER	191563.	640496.	5.	
REC 26	82' SW CORNER	191504.	640445.	5.	
REC 27	164' SW CORNE	191442.	640403.	5.	
REC 28	350' SW CORNE	191259.	640324.	5.	
I 15	AND ROSEMONT B230 PM		89	1	1
1					
1	NB 15	AG190860.639818.191068.639999.	5350. 3.7	0. 44.	59
2	NB 15	AG191068.639999.191332.640193.	5350. 3.7	0. 44.	59
3	NB 15	AG191332.640193.191857.640571.	5350. 3.7	0. 44.	59
4	NB OFFRAMPAG	191857.640571.191960.640623.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	191960.640623.192030.640626.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192030.640626.192088.640593.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192088.640593.192120.640535.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640535.192120.640486.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192120.640486.192104.640441.	975. 2.6	0. 32.	30.0
4	NB OFFRAMPAG	192104.640441.191970.640296.	975. 2.6	0. 32.	30.0
11	NB OFFRAMPAG	191970.640296.191905.640219.	275. 2.6	0. 32.	30.0
12	NBOFFRAMP	AG191923.640241.191947.640269.	0. 12.	1	
145	118	4.0 275 28.3 1770 2 3			
14	NB OFFRAMPAG	191970.640296.191878.640271.	700. 2.6	0. 32.	30.0
14	NBOFFRAMP	AG191897.640277.191934.640287.	0. 12.	1	
145	118	4.0 700 28.3 1583 2 3			
15	SB 2ND ST	AG191905.640219.191845.640144.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191845.640144.191808.640099.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191808.640099.191790.640058.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191790.640058.191779.640011.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.640011.191779.639965.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191779.639965.191789.639884.	200. 2.6	0. 32.	30.0
15	SB 2ND ST	AG191789.639884.191805.639773.	200. 2.6	0. 32.	30.0
22	SB 2ND ST	AG191805.639773.191855.639481.	200. 2.6	0. 32.	30.0
23	NB 15	AG191857.640571.192459.641017.	5350. 3.7	0. 44.	59
24	NB 2ND ST	AG191873.639485.191811.639835.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191811.639835.191805.639914.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191805.639914.191797.639982.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191797.639982.191809.640061.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191809.640061.191837.640112.	650. 2.6	0. 32.	30.0
24	NB 2ND ST	AG191837.640112.191934.640223.	650. 2.6	0. 32.	30.0
30	NB 2ND ST	AG191902.640185.191872.640151.	0. 12.	1	
145	114	4.0 650 28.3 1680 2 3			
31	NB 15 ON RAG	191934.640223.191986.640270.	325. 2.6	0. 32.	30.0
31	NB 15 ON RAG	191986.640270.192132.640439.	325. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192132.640439.192165.640514.	325. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192165.640514.192184.640621.	325. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192184.640621.192226.640733.	325. 2.6	0. 32.	30.0
31	NB 15 ON RAG	192226.640733.192290.640837.	325. 2.6	0. 32.	30.0

S34B230P.DAT

31	NB 15 ON RAG192290.640837.192329.640883.	325. 2.6	0. 32. 30.0
31	NB 15 ON RAG192329.640883.192397.640944.	325. 2.6	0. 32. 30.0
31	NB 15 ON RAG192397.640944.192459.641017.	325. 2.6	0. 32. 30.0
40	SB 15 AG192414.641075.191866.640671.	4350. 3.7	0. 44. 59
41	SB 15 AG191866.640671.191396.640337.	4350. 3.7	0. 44. 59
42	SB 15 OFFRAG191396.640337.191304.640300.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191304.640300.191225.640317.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191225.640317.191185.640352.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191185.640352.191163.640405.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191163.640405.191169.640531.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191169.640531.191199.640621.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191199.640621.191246.640695.	100. 2.6	0. 32. 30.0
42	SB 15 OFFRAG191246.640695.191307.640777.	75. 2.6	0. 32. 30.0
50	SB15 RAMP AG191284.640746.191251.640701.	0. 12. 1	
90	72 4.0 75 28.3 1342 2 3		
51	SB 15 OFFRAG191246.640695.191341.640730.	25. 2.6	0. 44. 30.0
52	SB15 RAMP AG191328.640725.191261.640700.	0. 24. 2	
90	72 4.0 25 28.3 1583 2 3		
53	SB 15 AG191396.640337.191282.640244.	3325. 3.7	0. 44. 59
54	SB 15 AG191282.640244.190930.639988.	3325. 3.7	0. 44. 59
55	SB 15 AG190930.639988.190811.639884.	4350. 3.7	0. 44. 59
56	WB ROSEMONAG192403.639820.192097.640064.	825. 2.6	0. 44. 30
57	WB ROSEMONAG192097.640064.191916.640222.	825. 2.6	0. 44. 30
58	WB ROSE Q AG191949.640193.192034.640119.	0. 24. 2	
145	109 4.0 825 28.3 1727 2 3		
59	WB ROSEMONAG191916.640222.191878.640271.	825. 2.6	0. 44. 30
60	WB ROSEMONAG191878.640271.191817.640307.	1400. 2.6	0. 44. 30
61	WB ROSEMONAG191817.640307.191306.640792.	1400. 2.6	0. 44. 30
62	WB ROSE Q AG191330.640769.191421.640683.	0. 24. 2	
90	44 4.0 1400 28.3 1751 2 3		
63	WB ROSEMONAG191306.640792.191144.640951.	1400. 2.6	0. 44. 30
64	WB ROSEMONAG191144.640951.191046.641019.	1400. 2.6	0. 44. 30
65	WB ROSEMONAG191046.641019.190888.641123.	1400. 2.6	0. 44. 30
66	EB ROSEMONAG190873.641107.190977.641037.	1675. 2.6	0. 44. 30
67	SB 270 ONRAG190977.641037.191077.640931.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191077.640931.191137.640865.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191137.640865.191176.640783.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191176.640783.191178.640713.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191178.640713.191156.640575.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191156.640575.191108.640301.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191108.640301.191083.640220.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191083.640220.191038.640125.	1025. 2.6	0. 32. 30
67	SB 270 ONRAG191038.640125.190930.639988.	1025. 2.6	0. 32. 30
76	EB ROSE AG190977.641037.191115.640951.	725. 2.6	0. 44. 30
77	EB ROSE AG191115.640951.191305.640778.	725. 2.6	0. 44. 30
78	eB ROSE Q AG191279.640802.191187.640886.	0. 24. 2	
90	58 4.0 725 28.3 1761 2 3		
79	EB ROSE AG191307.640777.191579.640509.	725. 2.6	0. 44. 30
80	EB ROSE AG191579.640509.191907.640207.	875. 2.6	0. 44. 30
81	EB ROSE Q AG191867.640244.191768.640335.	0. 24. 2	
145	90 4.0 875 28.3 1710 2 3		
80	EB ROSE AG191907.640207.192388.639800.	800. 2.6	0. 44. 30
80	SB 15 AG190810.639884.190461.639523.	4350. 3.7	0.44.0 59
80	SB 15 AG190461.639524.190212.639214.	4350. 3.7	0.44.0 59
80	SB 15 AG190212.639214.190004.638912.	4350. 3.7	0.44.0 59
80	NB 15 AG190860.639817.190678.639647.	5350. 3.7	0.44.0 59

80		NB 15	AG190678.639647.190434.639378.	5350. 3.7	S34B230P.DAT	0.44.0	59
1							
80		NB 15	AG190434.639378.190212.639090.	5350. 3.7		0.44.0	59
1							
80		NB 15	AG190212.639090.190063.638865.	5350. 3.7		0.44.0	59
1.0	0.4 1000. 0.0Y	5	0 72				

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:41.78

RUN: I 15 AND ROSEMONT B230 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	NB 15	* 190860.0	639818.0	191068.0	639999.0	*	276.	49. AG	5350.	3.7	.0	44.0	
2. 2	NB 15	* 191068.0	639999.0	191332.0	640193.0	*	328.	54. AG	5350.	3.7	.0	44.0	
3. 3	NB 15	* 191332.0	640193.0	191857.0	640571.0	*	647.	54. AG	5350.	3.7	.0	44.0	
4. 4	NB OFFRAMP*	191857.0	640571.0	191960.0	640623.0	*	115.	63. AG	975.	2.6	.0	32.0	
5. 4	NB OFFRAMP*	191960.0	640623.0	192030.0	640626.0	*	70.	88. AG	975.	2.6	.0	32.0	
6. 4	NB OFFRAMP*	192030.0	640626.0	192088.0	640593.0	*	67.	120. AG	975.	2.6	.0	32.0	
7. 4	NB OFFRAMP*	192088.0	640593.0	192120.0	640535.0	*	66.	151. AG	975.	2.6	.0	32.0	
8. 4	NB OFFRAMP*	192120.0	640535.0	192120.0	640486.0	*	49.	180. AG	975.	2.6	.0	32.0	
9. 4	NB OFFRAMP*	192120.0	640486.0	192104.0	640441.0	*	48.	200. AG	975.	2.6	.0	32.0	
10. 4	NB OFFRAMP*	192104.0	640441.0	191970.0	640296.0	*	197.	223. AG	975.	2.6	.0	32.0	
11. 11	NB OFFRAMP*	191970.0	640296.0	191905.0	640219.0	*	101.	220. AG	275.	2.6	.0	32.0	
12. 12	NBOFFRAMP *	191923.0	640241.0	192197.4	640561.7	*	422.	41. AG	62.	100.0	.0	12.0	1.07 21.4
13. 14	NB OFFRAMP*	191970.0	640296.0	191878.0	640271.0	*	95.	255. AG	700.	2.6	.0	32.0	
14. 14	NBOFFRAMP *	191897.0	640277.0	196960.2	641645.0	*	5245.	75. AG	62.	100.0	.0	12.0	3.06 266.4
15. 15	SB 2ND ST *	191905.0	640219.0	191845.0	640144.0	*	96.	219. AG	200.	2.6	.0	32.0	
16. 15	SB 2ND ST *	191845.0	640144.0	191808.0	640099.0	*	58.	219. AG	200.	2.6	.0	32.0	
17. 15	SB 2ND ST *	191808.0	640099.0	191790.0	640058.0	*	45.	204. AG	200.	2.6	.0	32.0	
18. 15	SB 2ND ST *	191790.0	640058.0	191779.0	640011.0	*	48.	193. AG	200.	2.6	.0	32.0	
19. 15	SB 2ND ST *	191779.0	640011.0	191779.0	639965.0	*	46.	180. AG	200.	2.6	.0	32.0	
20. 15	SB 2ND ST *	191779.0	639965.0	191789.0	639984.0	*	82.	173. AG	200.	2.6	.0	32.0	
21. 15	SB 2ND ST *	191789.0	639984.0	191805.0	639773.0	*	112.	172. AG	200.	2.6	.0	32.0	
22. 22	SB 2ND ST *	191805.0	639773.0	191855.0	639481.0	*	296.	170. AG	200.	2.6	.0	32.0	
23. 23	NB 15	* 191857.0	640571.0	192459.0	641017.0	*	749.	53. AG	5350.	3.7	.0	44.0	
24. 24	NB 2ND ST *	191873.0	639485.0	191811.0	639835.0	*	355.	350. AG	650.	2.6	.0	32.0	
25. 24	NB 2ND ST *	191811.0	639835.0	191805.0	639914.0	*	79.	356. AG	650.	2.6	.0	32.0	
26. 24	NB 2ND ST *	191805.0	639914.0	191797.0	639982.0	*	68.	353. AG	650.	2.6	.0	32.0	
27. 24	NB 2ND ST *	191797.0	639982.0	191809.0	640061.0	*	80.	9. AG	650.	2.6	.0	32.0	
28. 24	NB 2ND ST *	191809.0	640061.0	191837.0	640112.0	*	58.	29. AG	650.	2.6	.0	32.0	
29. 24	NB 2ND ST *	191837.0	640112.0	191934.0	640223.0	*	147.	41. AG	650.	2.6	.0	32.0	
30. 30	NB 2ND ST *	191902.0	640185.0	189198.1	637121.9	*	4086.	221. AG	60.	100.0	.0	12.0	2.25 207.6
31. 31	NB 15 ON R*	191934.0	640223.0	191986.0	640270.0	*	70.	48. AG	325.	2.6	.0	32.0	
32. 31	NB 15 ON R*	191986.0	640270.0	192132.0	640439.0	*	223.	41. AG	325.	2.6	.0	32.0	
33. 31	NB 15 ON R*	192132.0	640439.0	192165.0	640514.0	*	82.	24. AG	325.	2.6	.0	32.0	
34. 31	NB 15 ON R*	192165.0	640514.0	192184.0	640621.0	*	109.	10. AG	325.	2.6	.0	32.0	
35. 31	NB 15 ON R*	192184.0	640621.0	192226.0	640733.0	*	120.	21. AG	325.	2.6	.0	32.0	
36. 31	NB 15 ON R*	192226.0	640733.0	192290.0	640837.0	*	122.	32. AG	325.	2.6	.0	32.0	
37. 31	NB 15 ON R*	192290.0	640837.0	192329.0	640883.0	*	60.	40. AG	325.	2.6	.0	32.0	
38. 31	NB 15 ON R*	192329.0	640883.0	192397.0	640944.0	*	91.	48. AG	325.	2.6	.0	32.0	
39. 31	NB 15 ON R*	192397.0	640944.0	192459.0	641017.0	*	96.	40. AG	325.	2.6	.0	32.0	
40. 40	SB 15	* 192414.0	641075.0	191866.0	640671.0	*	681.	234. AG	4350.	3.7	.0	44.0	
41. 41	SB 15	* 191866.0	640671.0	191396.0	640337.0	*	577.	235. AG	4350.	3.7	.0	44.0	
42. 42	SB 15 OFFR*	191396.0	640337.0	191304.0	640300.0	*	99.	248. AG	100.	2.6	.0	32.0	
43. 42	SB 15 OFFR*	191304.0	640300.0	191225.0	640317.0	*	81.	282. AG	100.	2.6	.0	32.0	
44. 42	SB 15 OFFR*	191225.0	640317.0	191185.0	640352.0	*	53.	311. AG	100.	2.6	.0	32.0	

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:41.78

RUN: I 15 AND ROSEMONT B230 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 42	SB 15 OFFR*	191185.0	640352.0	191163.0	640405.0	*	57.	337. AG	100.	2.6	.0	32.0	
46. 42	SB 15 OFFR*	191163.0	640405.0	191169.0	640531.0	*	126.	3. AG	100.	2.6	.0	32.0	
47. 42	SB 15 OFFR*	191169.0	640531.0	191199.0	640621.0	*	95.	18. AG	100.	2.6	.0	32.0	
48. 42	SB 15 OFFR*	191199.0	640621.0	191246.0	640695.0	*	88.	32. AG	100.	2.6	.0	32.0	
49. 42	SB 15 OFFR*	191246.0	640695.0	191307.0	640777.0	*	102.	37. AG	75.	2.6	.0	32.0	
50. 50	SB15 RAMP *	191284.0	640746.0	191266.5	640722.2	*	30.	216. AG	61.	100.0	.0	12.0	.42 1.5
51. 51	SB 15 OFFR*	191246.0	640695.0	191341.0	640730.0	*	101.	70. AG	25.	2.6	.0	44.0	
52. 52	SB15 RAMP *	191328.0	640725.0	191323.6	640723.4	*	5.	249. AG	121.	100.0	.0	24.0	.06 .2
53. 53	SB 15	* 191396.0	640337.0	191282.0	640244.0	*	147.	231. AG	3325.	3.7	.0	44.0	
54. 54	SB 15	* 191282.0	640244.0	190930.0	639988.0	*	435.	234. AG	3325.	3.7	.0	44.0	
55. 55	SB 15	* 190930.0	639988.0	190811.0	639884.0	*	158.	229. AG	4350.	3.7	.0	44.0	
56. 56	WB ROSEMONT*	192403.0	639820.0	192097.0	640064.0	*	391.	309. AG	825.	2.6	.0	44.0	
57. 57	WB ROSEMONT*	192097.0	640064.0	191916.0	640222.0	*	240.	311. AG	825.	2.6	.0	44.0	
58. 58	WB ROSE Q *	191949.0	640193.0	192596.6	639629.5	*	858.	131. AG	114.	100.0	.0	24.0	1.15 43.6
59. 59	WB ROSEMONT*	191916.0	640222.0	191878.0	640271.0	*	62.	322. AG	825.	2.6	.0	44.0	
60. 60	WB ROSEMONT*	191878.0	640271.0	191817.0	640307.0	*	71.	301. AG	1400.	2.6	.0	44.0	
61. 61	WB ROSEMONT*	191817.0	640307.0	191306.0	640792.0	*	705.	314. AG	1400.	2.6	.0	44.0	
62. 62	WB ROSE Q *	191330.0	640769.0	191467.3	640639.3	*	189.	133. AG	74.	100.0	.0	24.0	.90 9.6
63. 63	WB ROSEMONT*	191306.0	640792.0	191144.0	640951.0	*	227.	314. AG	1400.	2.6	.0	44.0	
64. 64	WB ROSEMONT*	191144.0	640951.0	191046.0	641019.0	*	119.	305. AG	1400.	2.6	.0	44.0	
65. 65	WB ROSEMONT*	191046.0	641019.0	190888.0	641123.0	*	189.	303. AG	1400.	2.6	.0	44.0	
66. 66	EB ROSEMONT*	190873.0	641107.0	190977.0	641037.0	*	125.	124. AG	1675.	2.6	.0	44.0	
67. 67	SB 270 ONR*	190977.0	641037.0	191077.0	640931.0	*	146.	137. AG	1025.	2.6	.0	32.0	
68. 67	SB 270 ONR*	191077.0	640931.0	191137.0	640865.0	*	89.	138. AG	1025.	2.6	.0	32.0	
69. 67	SB 270 ONR*	191137.0	640865.0	191176.0	640783.0	*	91.	155. AG	1025.	2.6	.0	32.0	
70. 67	SB 270 ONR*	191176.0	640783.0	191178.0	640713.0	*	70.	178. AG	1025.	2.6	.0	32.0	
71. 67	SB 270 ONR*	191178.0	640713.0	191156.0	640575.0	*	140.	189. AG	1025.	2.6	.0	32.0	
72. 67	SB 270 ONR*	191156.0	640575.0	191108.0	640301.0	*	278.	190. AG	1025.	2.6	.0	32.0	
73. 67	SB 270 ONR*	191108.0	640301.0	191083.0	640220.0	*	85.	197. AG	1025.	2.6	.0	32.0	
74. 67	SB 270 ONR*	191083.0	640220.0	191038.0	640125.0	*	105.	205. AG	1025.	2.6	.0	32.0	
75. 67	SB 270 ONR*	191038.0	640125.0	190930.0	639988.0	*	174.	218. AG	1025.	2.6	.0	32.0	
76. 76	EB ROSE *	190977.0	641037.0	191115.0	640951.0	*	163.	122. AG	725.	2.6	.0	44.0	
77. 77	EB ROSE *	191115.0	640951.0	191305.0	640778.0	*	257.	132. AG	725.	2.6	.0	44.0	
78. 78	eB ROSE Q *	191279.0	640802.0	191194.2	640879.4	*	115.	312. AG	98.	100.0	.0	24.0	.71 5.8
79. 79	EB ROSE *	191307.0	640777.0	191579.0	640509.0	*	382.	135. AG	725.	2.6	.0	44.0	
80. 80	EB ROSE *	191579.0	640509.0	191907.0	640207.0	*	446.	133. AG	875.	2.6	.0	44.0	

S34B230P.OUT

81. 81	EB ROSE Q	* 191867.0	640244.0	191708.7	640389.6	* 215.	313. AG	94. 100.0	.0 24.0	.76 10.9
82. 80	EB ROSE	* 191907.0	640207.0	192388.0	639800.0	* 630.	130. AG	800.	2.6	.0 44.0
83. 80	SB 15	* 190810.0	639884.0	190461.0	639523.0	* 502.	224. AG	4350.	3.7	.0 44.0
84. 80	SB 15	* 190461.0	639524.0	190212.0	639214.0	* 398.	219. AG	4350.	3.7	.0 44.0
85. 80	SB 15	* 190212.0	639214.0	190004.0	638912.0	* 367.	215. AG	4350.	3.7	.0 44.0
86. 80	NB 15	* 190860.0	639817.0	190678.0	639647.0	* 249.	227. AG	5350.	3.7	.0 44.0
87. 80	NB 15	* 190678.0	639647.0	190434.0	639378.0	* 363.	222. AG	5350.	3.7	.0 44.0
88. 80	NB 15	* 190434.0	639378.0	190212.0	639090.0	* 364.	218. AG	5350.	3.7	.0 44.0
89. 80	NB 15	* 190212.0	639090.0	190063.0	638865.0	* 270.	214. AG	5350.	3.7	.0 44.0

1

JOB: I 15 AND ROSEMONT
DATE: 12/27/2006 TIME: 14:22:41.78

RUN: I 15 AND ROSEMONT B230 PM

PAGE 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
12. 12 NBOFFRAMP	* 145	118	4.0	275	1770	28.30	2	3
14. 14 NBOFFRAMP	* 145	118	4.0	700	1583	28.30	2	3
30. 30 NB 2ND ST	* 145	114	4.0	650	1680	28.30	2	3
50. 50 SB15 RAMP	* 90	72	4.0	75	1342	28.30	2	3
52. 52 SB15 RAMP	* 90	72	4.0	25	1583	28.30	2	3
58. 58 WB ROSE Q	* 145	109	4.0	825	1727	28.30	2	3
62. 62 WB ROSE Q	* 90	44	4.0	1400	1751	28.30	2	3
78. 78 eB ROSE Q	* 90	58	4.0	725	1761	28.30	2	3
81. 81 EB ROSE Q	* 145	90	4.0	875	1710	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (FT) Y	Z	*
1. R1 US15 NB ROSEMONT	* 191330.0	640165.0	5.0	*
2. REC 2 164' SE CORNER	* 191519.0	640303.0	5.0	*
3. REC 3 82' SE CORNER	* 191587.0	640352.0	5.0	*
4. REC 4 SE CORNER	* 191653.0	640394.0	5.0	*
5. REC 4 82' ES CORNER	* 191720.0	640348.0	5.0	*
6. REC 4 164' ES CORNE	* 191780.0	640291.0	5.0	*
7. REC 7 400' ES CORNE	* 191958.0	640132.0	5.0	*
8. REC 8 400' EN CORNE	* 192007.0	640171.0	5.0	*
9. REC 9 164' EN CORNER	* 191828.0	640327.0	5.0	*
10. REC 10 82' EN CORNER	* 191767.0	640384.0	5.0	*
11. REC 11 NE CORNER	* 191708.0	640436.0	5.0	*
12. REC 12 82' NE CORNER	* 191774.0	640483.0	5.0	*
13. REC 13 164' NE CORNE	* 191854.0	640532.0	5.0	*
14. REC 14 400' NE CORNE	* 192037.0	640674.0	5.0	*
15. REC 15 400' NW CORNE	* 191950.0	640754.0	5.0	*
16. REC 16 164' NW CORNE	* 191757.0	640620.0	5.0	*
17. REC 17 82' NW CORNER	* 191688.0	640574.0	5.0	*
18. REC 18 NW CORNER	* 191622.0	640543.0	5.0	*
19. REC 19 72' WN CORNE	* 191576.0	640576.0	5.0	*
20. REC 20 164' WN CORN	* 191499.0	640640.0	5.0	*
21. REC 21 390' WN CORN	* 191349.0	640796.0	5.0	*
22. REC 22 350' WS CORN	* 191316.0	640696.0	5.0	*
23. REC 23 164' WS CORN	* 191448.0	640606.0	5.0	*
24. REC 24 82' WS CORNE	* 191509.0	640548.0	5.0	*
25. REC 25 SW CORNER	* 191563.0	640496.0	5.0	*
26. REC 26 82' SW CORNER	* 191504.0	640445.0	5.0	*
27. REC 27 164' SW CORNE	* 191442.0	640403.0	5.0	*
28. REC 28 350' SW CORNE	* 191259.0	640324.0	5.0	*

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	* 1.0	.9	.9	1.1	1.0	.8	.7	.3	.3	.5	.9	.9	.9	.9	.1	.0	.0	.0	.0	.0	
5.	* 1.0	1.0	1.0	1.1	1.0	.8	.7	.3	.4	.4	.9	.9	.9	.9	.1	.1	.0	.0	.0	.0	
10.	* 1.2	1.1	1.1	1.2	.9	.9	.7	.3	.4	.4	1.0	1.0	1.0	1.1	.1	.1	.0	.0	.0	.0	
15.	* 1.1	1.2	1.2	1.2	.9	.9	.7	.3	.4	.6	1.0	1.1	1.1	1.1	.1	.1	.0	.0	.0	.0	
20.	* 1.1	1.2	1.2	1.2	1.1	.8	.7	.4	.3	.5	1.1	1.2	1.0	1.2	.1	.1	.1	.0	.0	.0	
25.	* 1.3	1.3	1.3	1.3	1.0	.9	.6	.2	.3	.6	1.2	1.2	1.1	1.2	.2	.1	.1	.0	.0	.0	
30.	* 1.4	1.4	1.2	1.5	1.1	.8	.5	.2	.3	.4	1.3	1.4	1.3	1.3	.3	.1	.1	.0	.0	.0	
35.	* 1.4	1.4	1.5	1.6	.9	.8	.5	.1	.3	.5	1.3	1.5	1.3	1.3	.4	.3	.1	.0	.0	.0	
40.	* 1.4	1.6	1.6	1.6	.9	.8	.5	.1	.3	.5	1.5	1.4	1.2	1.3	.5	.3	.3	.2	.0	.0	
45.	* 1.7	1.6	1.5	1.5	.9	.7	.5	.1	.1	.3	1.5	1.4	1.2	1.3	.7	.5	.4	.2	.0	.0	
50.	* 1.4	1.4	1.5	1.4	.8	.6	.5	.1	.1	.3	1.2	1.3	.8	1.1	1.0	.8	.7	.4	.1	.0	
55.	* 1.3	1.3	1.3	1.2	.6	.5	.5	.1	.0	.1	1.1	1.1	.7	.9	1.1	1.0	.9	.6	.2	.0	
60.	* 1.0	.9	1.0	1.0	.6	.5	.5	.1	.0	.1	.8	.8	.4	.6	1.3	1.2	1.1	.8	.3	.1	
65.	* .6	.7	.7	.7	.5	.7	.5	.1	.0	.0	.6	.5	.3	.4	1.4	1.3	1.2	.9	.5	.2	
70.	* .4	.4	.5	.5	.5	.7	.5	.1	.2	.0	.4	.3	.1	.3	1.3	1.3	1.2	.9	.5	.2	
75.	* .3	.5	.4	.4	.6	.7	.4	.1	.2	.1	.2	.2	.1	.2	1.2	1.2	1.2	.9	.5	.2	
80.	* .1	.4	.4	.4	.6	.7	.4	.0	.2	.1	.1	.1	.0	.1	1.3	1.1	1.2	.9	.5	.3	
85.	* .0	.3	.3	.5	.6	.6	.5	.0	.2	.1	.2	.2	.0	.1	1.1	1.1	1.0	.8	.6	.3	
90.	* .0	.3	.3	.5	.6	.6	.5	.0	.2	.1	.2	.2	.0	.1	1.1	1.0	1.1	.8	.5	.3	
95.	* .0	.2	.2	.5	.6	.6	.5	.0	.2	.1	.2	.1	.0	.1	1.0	.9	.8	.5	.3	.3	
100.	* .0	.1	.2	.5	.6	.6	.5	.0	.1	.1	.1	.1	.0	.1	.9	.9	.8	.6	.3	.3	
105.	* .0	.2	.2	.4	.5	.5	.5	.0	.1	.1	.1	.1	.0	.0	.9	.9	.8	.5	.3	.3	
110.	* .0	.2	.3	.4	.5	.6	.5	.0	.1	.1	.1	.0	.0	.0	.9	.9	.8	.4	.2	.2	
115.	* .0	.2	.3	.5	.6	.4	.4	.1	.2	.0	.1	.0	.0	.0	.9	.7	.8	.7	.4	.2	
120.	* .0	.1	.1	.5	.6	.4	.4	.2	.3	.1	.2	.0	.0	.0	.9	.8	.8	.7	.4	.3	

S34B230P.OUT

125.	*	.0	.1	.1	.4	.5	.5	.4	.4	.2	.2	.3	.0	.0	.0	.9	.8	.8	.6	.5	.3
130.	*	.0	.0	.1	.3	.4	.3	.3	.5	.3	.3	.3	.1	.0	.0	.8	.8	.8	.8	.6	.4
135.	*	.0	.0	.0	.2	.3	.3	.3	.6	.3	.3	.5	.1	.0	.0	.8	.8	.9	1.0	.7	.5
140.	*	.0	.0	.0	.2	.3	.1	.1	.7	.4	.4	.6	.1	.1	.0	.8	1.0	.9	1.0	.8	.4
145.	*	.0	.0	.0	.0	.1	.0	.0	.7	.4	.5	.6	.1	.1	.0	.8	1.0	1.0	1.0	.8	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.5	.1	.1	.0	.8	1.0	1.0	1.0	.7	.4
155.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.5	.2	.1	.0	.8	.9	.9	1.0	.7	.5
160.	*	.0	.0	.0	.0	.0	.0	.0	.7	.4	.5	.5	.1	.1	.1	.9	.8	.9	.8	.7	.5
165.	*	.0	.0	.0	.0	.0	.0	.0	.6	.4	.5	.5	.1	.0	.1	1.0	.8	.9	.9	.5	.5
170.	*	.0	.1	.1	.0	.0	.0	.0	.6	.4	.5	.5	.1	.0	.1	.9	.9	1.0	.9	.5	.5
175.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.1	.0	.1	.9	1.0	.9	.9	.5	.4
180.	*	.1	.1	.1	.0	.0	.0	.0	.6	.4	.4	.4	.2	.0	.0	.9	1.0	1.0	1.0	.5	.4
185.	*	.1	.1	.1	.0	.0	.0	.0	.6	.5	.4	.4	.2	.1	.0	.9	.9	1.0	1.0	.6	.4
190.	*	.1	.1	.1	.1	.0	.1	.0	.6	.5	.4	.4	.3	.1	.1	.9	.9	1.0	1.0	.6	.4
195.	*	.1	.1	.1	.1	.0	.1	.0	.5	.5	.4	.3	.3	.1	.1	1.1	1.0	1.1	.9	.6	.4
200.	*	.1	.1	.1	.1	.0	.1	.0	.5	.5	.4	.3	.3	.1	.1	1.1	1.0	1.0	.9	.6	.5
205.	*	.1	.2	.2	.1	.0	.1	.0	.5	.6	.4	.3	.3	.1	.1	1.3	1.1	1.0	1.0	.6	.4

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20	
210.	*	.2	.2	.2	.1	.0	.1	.0	.5	.6	.4	.4	.4	.2	.1	1.3	1.1	1.1	1.0	.5	.3
215.	*	.3	.3	.3	.2	.0	.1	.0	.5	.5	.4	.4	.3	.2	.3	1.3	1.2	1.2	1.0	.5	.3
220.	*	.5	.5	.5	.3	.0	.0	.1	.6	.4	.4	.6	.5	.2	.4	1.5	1.3	1.2	.9	.6	.3
225.	*	.7	.7	.7	.5	.0	.0	.1	.6	.4	.4	.8	.6	.3	.6	1.3	1.2	1.1	.9	.4	.2
230.	*	1.1	1.0	.9	.7	.0	.0	.1	.6	.4	.4	1.0	.9	.6	.8	1.2	1.2	1.1	.8	.3	.2
235.	*	1.3	1.3	1.3	1.0	.2	.0	.1	.6	.4	.6	1.3	1.1	.9	1.1	1.1	.9	.9	.6	.1	.1
240.	*	1.3	1.4	1.3	1.1	.2	.1	.1	.6	.5	.6	1.6	1.5	1.0	1.3	1.0	.7	.5	.3	.1	.1
245.	*	1.4	1.4	1.4	1.4	.4	.1	.1	.6	.6	.8	1.6	1.5	1.0	1.3	.6	.4	.3	.2	.1	.1
250.	*	1.4	1.4	1.4	1.4	.4	.2	.1	.6	.6	.8	1.5	1.4	1.1	1.3	.4	.3	.3	.2	.1	.2
255.	*	1.2	1.3	1.4	1.2	.5	.3	.1	.7	.6	.9	1.4	1.3	1.1	1.2	.4	.2	.2	.1	.1	.3
260.	*	1.2	1.2	1.2	1.1	.3	.3	.1	.7	.7	.8	1.4	1.3	1.0	1.3	.2	.1	.2	.1	.1	.3
265.	*	1.1	1.2	1.2	1.1	.4	.2	.2	.8	.6	.8	1.3	1.3	1.0	1.2	.2	.1	.2	.1	.1	.3
270.	*	1.1	1.0	1.2	1.0	.4	.2	.2	.7	.7	.8	1.3	1.3	.9	1.0	.1	.1	.2	.1	.2	.3
275.	*	1.0	1.1	1.1	1.0	.4	.3	.2	.7	.8	.8	1.3	1.2	.9	1.1	.1	.1	.1	.1	.2	.4
280.	*	1.0	1.0	1.0	1.0	.4	.3	.2	.6	.8	.9	1.3	1.1	.9	1.0	.1	.1	.1	.1	.2	.5
285.	*	1.0	1.0	1.0	.9	.4	.3	.2	.6	.8	.9	1.2	1.0	.9	.9	.1	.1	.1	.1	.2	.5
290.	*	.9	1.0	.9	.9	.5	.3	.2	.7	.8	.9	1.2	1.0	.8	.9	.1	.0	.1	.1	.3	.5
295.	*	.9	.9	.9	.9	.5	.3	.3	.6	.8	.8	1.2	1.0	.8	.8	.1	.0	.0	.1	.4	.5
300.	*	.9	.9	.9	.8	.5	.3	.3	.6	.7	.8	1.1	.8	.8	.8	.1	.0	.0	.2	.3	.5
305.	*	.9	.9	.9	.8	.5	.5	.3	.5	.7	.7	1.0	.8	.8	.8	.0	.0	.0	.2	.2	.4
310.	*	.9	.9	.9	.8	.6	.6	.3	.5	.7	.6	1.0	.8	.8	.8	.0	.0	.0	.2	.2	.4
315.	*	.9	.9	.9	.9	.6	.6	.5	.5	.5	.7	1.1	.9	.8	.8	.0	.0	.0	.1	.2	.2
320.	*	.9	.9	.9	1.0	.7	.7	.5	.2	.4	.6	1.1	.9	.8	.9	.0	.0	.0	.0	.1	.2
325.	*	.9	.9	.9	1.1	.8	.7	.4	.2	.4	.6	1.0	.9	.8	.9	.0	.0	.0	.0	.0	.2
330.	*	.9	.9	.9	1.1	.8	.8	.4	.2	.4	.6	1.0	.9	.8	.9	.0	.0	.0	.0	.0	.0
335.	*	.9	.9	.9	1.0	.7	.8	.4	.3	.3	.5	.9	.8	.8	.8	.0	.0	.0	.0	.0	.0
340.	*	.8	.9	.9	1.0	.8	.8	.4	.3	.3	.4	.8	.8	.8	.8	.0	.0	.0	.0	.0	.0
345.	*	.9	.9	.9	1.0	.9	.8	.5	.2	.3	.5	.8	.8	.8	.8	.1	.0	.0	.0	.0	.0
350.	*	.9	.9	.9	1.0	.9	.8	.4	.3	.3	.5	.8	.8	.9	.8	.1	.0	.0	.0	.0	.0
355.	*	1.0	.9	.9	1.1	.9	.8	.6	.3	.3	.5	.9	.9	.9	.9	.1	.0	.0	.0	.0	.0
360.	*	1.0	.9	.9	1.1	1.0	.8	.7	.3	.3	.5	.9	.9	.9	.9	.1	.0	.0	.0	.0	.0
MAX	*	1.7	1.6	1.6	1.6	1.1	.9	.7	.8	.8	.9	1.6	1.5	1.3	1.3	1.5	1.3	1.2	1.0	.8	.5
DEGR.	*	45	40	40	35	20	10	0	265	275	255	240	35	30	35	220	65	65	135	140	135

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22	* REC23	* REC24	* REC25	* REC26	* REC27	* REC28
0.	*	.0	.1	.4	.2	.2	.1	.0
5.	*	.0	.1	.4	.2	.2	.0	.0
10.	*	.0	.3	.3	.2	.2	.0	.0
15.	*	.0	.3	.3	.2	.2	.0	.0
20.	*	.0	.3	.3	.2	.2	.0	.0
25.	*	.0	.2	.3	.2	.2	.1	.0
30.	*	.0	.2	.3	.2	.2	.1	.0
35.	*	.0	.2	.3	.2	.2	.1	.0
40.	*	.0	.2	.2	.2	.2	.2	.0
45.	*	.0	.2	.2	.2	.4	.4	.1
50.	*	.0	.2	.2	.3	.6	.7	.2
55.	*	.0	.2	.2	.4	.7	.8	.4
60.	*	.0	.2	.3	.5	.9	1.1	.5
65.	*	.0	.2	.4	.5	1.2	1.2	.6
70.	*	.0	.3	.4	.6	1.2	1.2	.6
75.	*	.1	.4	.5	.7	1.2	1.1	.7
80.	*	.2	.4	.5	.7	1.1	1.2	.5
85.	*	.2	.4	.5	.6	1.1	1.0	.5
90.	*	.2	.4	.5	.6	1.1	1.1	.5
95.	*	.2	.4	.5	.7	1.1	.9	.5
100.	*	.2	.4	.6	.6	1.0	.9	.4
105.	*	.2	.4	.4	.6	1.0	1.0	.4
110.	*	.2	.4	.4	.6	1.0	.9	.4
115.	*	.2	.4	.4	.6	1.0	1.0	.4
120.	*	.2	.3	.4	.7	1.2	1.0	.4
125.	*	.3	.3	.4	.9	1.2	.9	.4
130.	*	.4	.3	.5	.9	1.1	.9	.4
135.	*	.4	.2	.4	.7	1.2	.8	.4

S34B230P.OUT

```

140. * .4 .2 .2 .4 1.0 .8 .8 .4
145. * .6 .2 .2 .4 .9 .8 .8 .4
150. * .7 .2 .2 .4 .8 .8 .8 .4
155. * .7 .2 .2 .4 .8 .8 .8 .5
160. * .6 .2 .2 .4 .7 .8 .8 .4
165. * .6 .2 .2 .4 .7 .8 .8 .4
170. * .6 .1 .2 .4 .8 .8 .8 .4
175. * .5 .1 .2 .4 .8 .8 .8 .5
180. * .5 .1 .2 .4 .8 .9 .8 .4
185. * .5 .1 .2 .4 .8 .9 .8 .4
190. * .4 .2 .2 .4 .8 .9 .9 .4
195. * .4 .2 .4 .4 .9 .9 1.1 .4
200. * .2 .2 .3 .5 .9 1.0 1.0 .4
205. * .2 .1 .3 .5 .9 1.1 .9 .5

```

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 7

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28
-----
210. * .2 .0 .2 .4 .9 1.1 1.1 .4
215. * .2 .0 .2 .5 .9 1.1 1.1 .4
220. * .2 .0 .1 .4 1.1 1.1 1.1 .5
225. * .2 .0 .0 .2 .9 1.1 .9 .4
230. * .1 .0 .0 .1 .8 .8 .8 .2
235. * .1 .0 .0 .0 .6 .7 .5 .1
240. * .1 .0 .0 .0 .3 .5 .3 .0
245. * .1 .0 .0 .0 .1 .2 .3 .0
250. * .1 .0 .0 .0 .1 .1 .1 .0
255. * .1 .0 .0 .0 .0 .1 .0 .0
260. * .1 .0 .0 .0 .0 .1 .0 .0
265. * .3 .0 .0 .0 .0 .0 .0 .0
270. * .3 .0 .0 .0 .0 .0 .0 .0
275. * .2 .0 .0 .0 .0 .0 .0 .0
280. * .2 .0 .0 .0 .0 .0 .0 .0
285. * .3 .0 .0 .0 .0 .0 .0 .0
290. * .3 .0 .0 .0 .0 .0 .0 .0
295. * .3 .0 .0 .0 .0 .0 .0 .0
300. * .2 .0 .0 .0 .0 .0 .0 .0
305. * .2 .0 .0 .1 .1 .0 .0 .0
310. * .2 .0 .1 .2 .2 .0 .0 .0
315. * .1 .0 .3 .3 .3 .0 .0 .0
320. * .0 .1 .3 .3 .3 .0 .0 .0
325. * .0 .1 .3 .3 .3 .0 .0 .0
330. * .0 .2 .4 .3 .3 .0 .0 .0
335. * .0 .2 .4 .3 .2 .0 .0 .0
340. * .0 .2 .4 .3 .2 .1 .0 .0
345. * .0 .2 .4 .2 .2 .0 .0 .0
350. * .0 .0 .4 .2 .2 .1 .0 .0
355. * .0 .0 .4 .2 .2 .1 .0 .0
360. * .0 .1 .4 .2 .2 .1 .0 .0
-----
MAX * .7 .4 .6 .9 1.2 1.2 1.2 .7
DEGR. * 150 75 100 125 65 65 65 75

```

```

THE HIGHEST CONCENTRATION IS 1.70 PPM AT 45 DEGREES FROM REC1 .
THE 2ND HIGHEST CONCENTRATION IS 1.60 PPM AT 40 DEGREES FROM REC2 .
THE 3RD HIGHEST CONCENTRATION IS 1.60 PPM AT 40 DEGREES FROM REC3 .

```

1

JOB: I 15 AND ROSEMONT

DATE: 12/27/2006 TIME: 14:22:41.78

RUN: I 15 AND ROSEMONT B230 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

```

* CO/LINK (PPM)
* ANGLE (DEGREES)
* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
LINK # 45 40 40 35 20 10 0 265 275 255 240 35 30 35 220 65 65 135 140 135
-----
1 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
2 * .3 .0 .0 .0 .0 .0 .0 .1 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0
3 * 1.0 1.2 1.2 1.0 .3 .1 .0 .0 .2 .3 1.1 .9 .2 .0 .3 .0 .3 .2 .1
4 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0
5 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
6 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
8 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
9 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
10 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
11 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
12 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
13 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
14 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
15 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
16 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
17 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
18 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
19 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
20 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
21 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
22 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
23 * .1 .1 .1 .1 .1 .1 .1 .0 .0 .0 .0 .3 .7 1.1 .1 .3 .3 .0 .0
24 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
25 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
26 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
27 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
28 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
29 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
30 * .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

```

S34B230P.OUT

31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.3	.2	.8	.3	.2	.0	.0	.0	.0
41	*	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	.0	.3	.7	.7	.4	.2	.1	.0
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 45	REC2 40	REC3 40	REC4 35	REC5 20	REC6 10	REC7 0	REC8 265	REC9 275	REC10 255	REC11 240	REC12 35	REC13 30	REC14 35	REC15 220	REC16 65	REC17 65	REC18 135	REC19 140	REC20 135
46	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	*	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0	.0	.0	.1	.1	.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	
81	*	.0	.0	.0	.0	.3	.3	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	
82	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
83	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
84	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
86	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
88	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
89	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

JOB: I 15 AND ROSEMONT

DATE: 12/27/2006 TIME: 14:22:41.78

RUN: I 15 AND ROSEMONT B230 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 150	REC22 75	REC23 100	REC24 125	REC25 65	REC26 65	REC27 65	REC28 75
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.1	.2	.1	.1	.2	.2
4	*	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.1	.1	.0	.2	.1	.1	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0

25	*	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0
36	*	.0	.0	.0	.0	.0	.0	.0
37	*	.0	.0	.0	.0	.0	.0	.0
38	*	.0	.0	.0	.0	.0	.0	.0
39	*	.0	.0	.0	.0	.0	.0	.0
40	*	.0	.1	.0	.0	.1	.1	.0
41	*	.1	.0	.2	.2	.6	.8	.3
42	*	.0	.0	.0	.0	.0	.0	.0
43	*	.0	.0	.0	.0	.0	.0	.0
44	*	.0	.0	.0	.0	.0	.0	.0
45	*	.0	.0	.0	.0	.0	.0	.0

S34B230P.OUT

1

JOB: I 15 AND ROSEMONT

RUN: I 15 AND ROSEMONT B230 PM

PAGE 11

LINK #	CO/LINK (PPM)							
	ANGLE (DEGREES)							
	REC21 150	REC22 75	REC23 100	REC24 125	REC25 65	REC26 65	REC27 65	REC28 75
46	*	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.1
54	*	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.1	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0
61	*	.2	.1	.1	.1	.1	.0	.0
62	*	.2	.1	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0
79	*	.1	.0	.1	.1	.0	.0	.0
80	*	.0	.0	.0	.1	.1	.0	.0
81	*	.0	.0	.0	.1	.0	.0	.0
82	*	.0	.0	.0	.0	.0	.0	.0
83	*	.0	.0	.0	.0	.0	.0	.0
84	*	.0	.0	.0	.0	.0	.0	.0
85	*	.0	.0	.0	.0	.0	.0	.0
86	*	.0	.0	.0	.0	.0	.0	.0
87	*	.0	.0	.0	.0	.0	.0	.0
88	*	.0	.0	.0	.0	.0	.0	.0
89	*	.0	.0	.0	.0	.0	.0	.0

Site 35 I-15 Ramps & 7th Street

		S35EXA.DAT			
US 15	Ramps at 7th ST (S35EXA.DAT)	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.	
REC 2	164' SE CORNER	193495.	642095.	5.	
REC 3	82' SE CORNER	193560.	642142.	5.	
REC 4	SE CORNER	193632.	642182.	5.	
REC 5	82' ES CORNER	193681.	642126.	5.	
REC 6	400' ES CORNE	193861.	641863.	5.	
REC 7	400' NW CORNE	193909.	642588.	5.	
REC 8	164' NW CORNE	193754.	642433.	5.	
REC 9	82' NW CORNER	193714.	642367.	5.	
REC 10	NW CORNER	193633.	642321.	5.	
REC 11	82' WN CORNE	193592.	642378.	5.	
REC 12	164' WN CORN	193547.	642444.	5.	
REC 13	400' WN CORN	193402.	642637.	5.	
REC 14	400' WS CORN	193374.	642573.	5.	
REC 15	164' WS CORN	193511.	642376.	5.	
REC 16	82' WS CORNE	193554.	642313.	5.	
REC 17	SW CORNER	193594.	642244.	5.	
REC 18	82' SW CORNER	193535.	642189.	5.	
REC 19	164' SW CORNE	193470.	642142.	5.	
REC 20	400' SW CORNE	193275.	641999.	5.	
REC 21	RES. BIGGS	193562.	642047.	5.	
REC 22	BBALL FIELD	193480.	641424.	5.	
US 15	RAMPS AND 7TH EXISTING AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	395. 2.6	0. 44.	30.
2	"	AG194458.642659.194357.642629.	395. 2.6	0. 44.	30.
3	"	AG194357.642629.194253.642616.	395. 2.6	0. 44.	30.
4	"	AG194253.642616.194021.642603.	395. 2.6	0. 44.	30.
5	"	AG194021.642603.193934.642580.	395. 2.6	0. 44.	30.
6	"	AG193934.642580.193864.642544.	395. 2.6	0. 44.	30.
7	"	AG193864.642544.193815.642500.	395. 2.6	0. 44.	30.
8	"	AG193815.642500.193723.642340.	395. 2.6	0. 44.	30.
9	" THRU T&L	AG193723.642340.193621.642288.	50. 3.8	0. 32.	30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1	
	90 56 2.0 1 28.3 1750 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	345. 3.8	0. 32.	30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1	
	90 56 2.0 1 28.3 1800 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	31. 2.6	0. 32.	30.
14	"	AG193240.641950.192860.641671.	31. 2.6	0. 32.	30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	31. 3.5	0. 44.	30.
16	"	AG193624.642212.193557.642163.	0. 24.	2	
	90 56 2.0 2 28.3 1750 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	350. 2.6	0. 32.	30.
18	SB 15 ON	RAG193722.642281.193797.642421.	350. 2.6	0. 32.	30.
19	SB 15 ON	RAG193797.642421.193846.642502.	350. 2.6	0. 32.	30.
20	SB 15 ON	RAG193846.642502.193887.642529.	350. 2.6	0. 32.	30.
21	SB 15 ON	RAG193887.642529.193931.642541.	350. 2.6	0. 32.	30.
22	SB 15 ON	RAG193931.642541.193988.642534.	350. 2.6	0. 32.	30.
23	SB 15 ON	RAG193988.642534.194035.642505.	350. 2.6	0. 32.	30.
24	SB 15 ON	RAG194035.642505.194069.642470.	350. 2.6	0. 32.	30.
25	SB 15 ON	RAG194069.642470.194085.642414.	350. 2.6	0. 32.	30.
26	SB 15 ON	RAG194085.642414.194077.642344.	350. 2.6	0. 32.	30.
27	SB 15 ON	RAG194077.642344.194048.642294.	350. 2.6	0. 32.	30.
28	SB 15 ON	RAG194048.642294.193964.642209.	350. 2.6	0. 32.	30.
29	EB 7TH ST	AG193214.642839.193639.642234.	339. 2.6	0. 44.	30.
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2	
	90 34 2.0 2 28.3 1750 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	254. 2.6	0. 44.	30.
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2	
	90 34 2.0 2 28.3 1750 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	843. 2.6	0. 44.	30.
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2	
	90 34 2.0 2 28.3 1750 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	973. 2.6	0. 44.	30.
36	WB 7TH ST	AG193658.642238.193370.642645.	973. 2.6	0. 44.	30.
37	WB 7TH ST	AG193370.642645.193228.642853.	973. 2.6	0. 44.	30.
38	SB 15	AG194552.642678.194349.642493.	2883. 3.4	0. 44.	53.1

39	1	SB 15	AG194349.642493.193973.642204.	2883.	3.4	0.	44.	53.1
40	1	SB 15	AG193973.642204.193646.641977.	3233.	3.4	0.	44.	53.1
41	1	SB I5	AG193646.641977.193301.641716.	3233.	3.4	0.	44.	53.1
42	1	SB I5	AG193301.641716.192964.641469.	3233.	3.4	0.	44.	53.1
43	1	NB I5	AG193003.641416.193391.641696.	2882.	3.4	0.	44.	54.1
44	1	NB I5	AG193391.641696.193866.642041.	2882.	3.4	0.	44.	54.1
45	1	NB I5	AG193866.642041.193972.642114.	2297.	3.6	0.	44.	54.1
46	1	NB I270	AG193972.642114.194335.642396.	2297.	3.6	0.	44.	30.
47	1	NB I270	AG194335.642396.194598.642624.	2297.	3.6	0.	44.	30.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	585.	2.6	0.	32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	585.	2.6	0.	32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	585.	2.6	0.	32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	585.	2.6	0.	32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	585.	2.6	0.	32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	585.	2.6	0.	32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	585.	2.6	0.	32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	585.	2.6	0.	32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	585.	2.6	0.	32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	585.	2.6	0.	32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	188.	3.8	0.	32.	30.
59	1	nbofrmplt	AG194040.641745.194074.641768.	0.	12.	1		
60	1	NB270ofrmpl	AG194130.641806.193990.641711.	397.	2.6	0.	32.	30.
61	1	NB270ofrmpl	AG194130.641806.194040.641788.	397.	2.6	0.	32.	30.
62	2	NB270ofrmpl	AG194040.641788.193969.641812.	397.	2.9	0.	32.	30.
63	1	nbofrmplt	AG193976.641810.194033.641791.	0.	12.	1		
64	1	WB 7th Str	AG193969.641812.193928.641844.	508.	2.6	0.	44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	508.	2.6	0.	44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	508.	2.6	0.	44.	30.
67	2	WB 7th St	AG194056.641641.194003.641720.	446.	2.6	0.	32.	30.
68	1	WB 7 TQ	AG194017.641699.194051.641649.	0.	12.	1		
69	1	WB 7TH THRU	AG194003.641720.193928.641844.	446.	2.6	0.	32.	30.
70	2	WB 7TH RIGHT	AG194056.641641.194063.641724.	62.	2.6	0.	32.	30.
71	1	WB 7TH RIGHT Q	AG194062.641709.194057.641655.	0.	12.	1		
72	1	NB 270 ONRAG	194063.641724.194399.641958.	116.	2.6	0.	32.	30.
73	1	NB 270 ONRAG	194399.641958.194473.642025.	116.	2.6	0.	32.	30.
74	1	NB 270 ONRAG	194473.642025.194525.642103.	116.	2.6	0.	32.	30.
75	1	NB 270 ONRAG	194525.642103.194564.642207.	116.	2.6	0.	32.	30.
76	1	NB 270 ONRAG	194564.642207.194607.642463.	116.	2.6	0.	32.	30.
77	1	NB 270 ONRAG	194607.642463.194637.642565.	116.	2.6	0.	32.	30.
78	1	EB 7TH STRAG	194010.641684.194223.641375.	388.	2.6	0.	32.	30.
79	1	EB 7TH STRAG	194223.641375.194360.641206.	388.	2.6	0.	32.	30.
1,0000.4		1000. 0.0Y 5 0 72						

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)
DATE: 12/15/2006 TIME: 10:50:55.87

RUN: US 15 RAMPS AND 7TH EXISTING AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	395.	2.6	.0	44.0	
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	395.	2.6	.0	44.0	
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	395.	2.6	.0	44.0	
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	395.	2.6	.0	44.0	
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	395.	2.6	.0	44.0	
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	395.	2.6	.0	44.0	
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	395.	2.6	.0	44.0	
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	395.	2.6	.0	44.0	
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	50.	3.8	.0	32.0	
10. 10	" THRU T&L	*	193639.0	642298.0	193639.3	642298.2	*	0.	62. AG	47.	100.0	.0	12.0	.00
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	345.	3.8	.0	32.0	
12. 12	" RIGHT	*	193665.0	642264.0	193665.2	642264.2	*	0.	36. AG	47.	100.0	.0	12.0	.00
13. 13	" QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	31.	2.6	.0	32.0	
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	31.	2.6	.0	32.0	
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	31.	3.5	.0	44.0	
16. 16	NB BIGGS RD	*	193624.0	642212.0	193623.8	642211.8	*	0.	233. AG	94.	100.0	.0	24.0	.00
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	350.	2.6	.0	32.0	
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	350.	2.6	.0	32.0	
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	350.	2.6	.0	32.0	
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	350.	2.6	.0	32.0	
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	350.	2.6	.0	32.0	
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	350.	2.6	.0	32.0	
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	350.	2.6	.0	32.0	
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	350.	2.6	.0	32.0	
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	350.	2.6	.0	32.0	
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	350.	2.6	.0	32.0	
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	350.	2.6	.0	32.0	
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	350.	2.6	.0	32.0	
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	339.	2.6	.0	44.0	
30. 30	EB 7TH THR	*	193619.0	642264.0	193618.9	642264.1	*	0.	327. AG	57.	100.0	.0	24.0	.00
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	254.	2.6	.0	44.0	
32. 32	EB 7th Q	*	193982.0	641725.0	193981.9	641725.2	*	0.	327. AG	57.	100.0	.0	24.0	.00
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	843.	2.6	.0	44.0	
34. 34	WB 7TH THR	*	193697.0	642177.0	193697.1	642176.8	*	0.	147. AG	57.	100.0	.0	24.0	.00
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	973.	2.6	.0	44.0	
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	973.	2.6	.0	44.0	
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	973.	2.6	.0	44.0	
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	2883.	3.4	.0	44.0	
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	2883.	3.4	.0	44.0	
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	3233.	3.4	.0	44.0	
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3233.	3.4	.0	44.0	
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3233.	3.4	.0	44.0	
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	2882.	3.4	.0	44.0	
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	2882.	3.4	.0	44.0	

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)
DATE: 12/15/2006 TIME: 10:50:55.87

RUN: US 15 RAMPS AND 7TH EXISTING AM

LINK VARIABLES

		LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
				X1	Y1	X2	Y2		(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	45	NB I5	*	193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	2297.	3.6	.0	44.0		
46.	46	NB I270	*	193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	2297.	3.6	.0	44.0		
47.	47	NB I270	*	194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	2297.	3.6	.0	44.0		
48.	48	NB15 RAMP	*	193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	585.	2.6	.0	32.0		
49.	49	NB15 OFF R*	*	194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	585.	2.6	.0	32.0		
50.	50	NB15 OFF R*	*	194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	585.	2.6	.0	32.0		
51.	51	NB15 OFF R*	*	194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	585.	2.6	.0	32.0		
52.	52	NB15 OFF R*	*	194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	585.	2.6	.0	32.0		
53.	53	NB15 OFF R*	*	194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	585.	2.6	.0	32.0		
54.	54	NB15 OFF R*	*	194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	585.	2.6	.0	32.0		
55.	55	NB15 OFF R*	*	194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	585.	2.6	.0	32.0		
56.	56	NB15 OFF R*	*	194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	585.	2.6	.0	32.0		
57.	57	NB15 OFF R*	*	194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	585.	2.6	.0	32.0		
58.	58	NB15 OFF R*	*	194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	188.	3.8	.0	32.0		
59.	59	nbofrmlt	*	194040.0	641745.0	194040.3	641745.2	*	0.	54. AG	49.	100.0	.0	12.0	.00	.0
60.	60	NB270ofrmp	*	194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	397.	2.6	.0	32.0		
61.	61	NB270ofrmp	*	194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	397.	2.6	.0	32.0		
62.	62	NB270ofrmp	*	194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	397.	2.9	.0	32.0		
63.	63	nbofrmlt	*	193976.0	641810.0	193976.3	641809.9	*	0.	112. AG	49.	100.0	.0	12.0	.00	.0
64.	64	WB 7th Str*	*	193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	508.	2.6	.0	44.0		
65.	65	WB 7th Str*	*	194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	508.	2.6	.0	44.0		
66.	66	WB 7th Str*	*	194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	508.	2.6	.0	44.0		
67.	67	WB 7th St	*	194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	446.	2.6	.0	32.0		
68.	68	WB 7 TQ	*	194017.0	641699.0	194017.1	641698.9	*	0.	144. AG	27.	100.0	.0	12.0	.00	.0
69.	69	WB 7TH THRU	*	194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	446.	2.6	.0	32.0		
70.	70	WB 7TH RIGHT	*	194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	62.	2.6	.0	32.0		
71.	71	WB 7TH RIGHT Q	*	194062.0	641709.0	194062.0	641708.9	*	0.	184. AG	27.	100.0	.0	12.0	.00	.0
72.	72	NB 270 ONR*	*	194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	116.	2.6	.0	32.0		
73.	73	NB 270 ONR*	*	194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	116.	2.6	.0	32.0		
74.	74	NB 270 ONR*	*	194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	116.	2.6	.0	32.0		
75.	75	NB 270 ONR*	*	194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	116.	2.6	.0	32.0		
76.	76	NB 270 ONR*	*	194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	116.	2.6	.0	32.0		
77.	77	NB 270 ONR*	*	194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	116.	2.6	.0	32.0		
78.	78	EB 7TH STR*	*	194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	388.	2.6	.0	32.0		
79.	79	EB 7TH STR*	*	194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	388.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)
 DATE: 12/15/2006 TIME: 10:50:55.87

RUN: US 15 RAMPS AND 7TH EXISTING AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	90	56	2.0	1	750	28.30	1	3
12. 12 " QUEUE RIGHT	90	56	2.0	1	800	28.30	1	3
16. 16 " "	90	56	2.0	2	750	28.30	1	3
30. 30 EB 7TH THR	90	34	2.0	2	750	28.30	1	3
32. 32 EB 7th Q	90	34	2.0	2	750	28.30	1	3
34. 34 WB 7TH THR	90	34	2.0	2	750	28.30	1	3
59. 59 nbofrmlpt	90	58	2.0	1	800	28.30	1	3
63. 63 nbofrmlpt	90	58	2.0	1	800	28.30	1	3
68. 68 WB 7 TQ	90	32	2.0	1	750	28.30	1	3
71. 71 WB 7TH RIGHT Q	90	32	2.0	1	750	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
5.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
10.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
15.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
20.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
25.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
30.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
35.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
40.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
45.	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
50.	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
55.	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
60.	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
65.	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
70.	.1	.0	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
75.	.1	.1	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.1
80.	.1	.1	.1	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1
85.	.3	.1	.1	.4	.3	.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1
90.	.2	.1	.1	.3	.3	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1
95.	.2	.1	.1	.2	.3	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	.1	.2
100.	.2	.1	.1	.2	.4	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.2
105.	.2	.2	.1	.2	.4	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2
110.	.2	.2	.1	.2	.3	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2
115.	.2	.2	.2	.2	.3	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.2	.2	.1	.2	.2
120.	.2	.2	.2	.2	.4	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.2	.2	.1	.2	.2
125.	.2	.2	.2	.2	.4	.0	.1	.1	.0	.1	.1	.0	.0	.1	.2	.2	.2	.2	.2	.2
130.	.2	.2	.2	.2	.3	.0	.1	.0	.1	.1	.1	.0	.1	.2	.2	.1	.2	.2	.1	.2
135.	.2	.2	.2	.2	.3	.0	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	.2
140.	.2	.2	.2	.2	.3	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
145.	.2	.2	.2	.2	.3	.0	.1	.1	.1	.1	.2	.2	.1	.0	.1	.1	.2	.2	.2	.2
150.	.2	.2	.2	.2	.3	.0	.1	.1	.1	.1	.2	.2	.1	.0	.0	.1	.2	.1	.2	.1
155.	.1	.2	.2	.2	.3	.0	.1	.1	.1	.4	.2	.1	.1	.0	.0	.2	.2	.1	.2	.1
160.	.1	.2	.2	.2	.3	.0	.0	.1	.1	.3	.2	.1	.1	.0	.0	.1	.2	.2	.2	.1
165.	.1	.2	.2	.2	.3	.0	.0	.1	.1	.3	.1	.1	.1	.0	.0	.1	.2	.2	.2	.1
170.	.2	.2	.2	.2	.2	.0	.0	.1	.2	.3	.2	.1	.1	.0	.0	.1	.2	.2	.2	.2
175.	.2	.2	.2	.2	.2	.0	.0	.1	.2	.2	.2	.1	.1	.0	.1	.2	.2	.2	.2	.1
180.	.2	.2	.2	.2	.2	.0	.1	.2	.2	.2	.1	.1	.1	.0	.1	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.2	.0	.1	.2	.2	.3	.2	.2	.1	.0	.1	.1	.2	.2	.1	.2
190.	.2	.2	.2	.2	.3	.0	.1	.1	.1	.3	.2	.1	.1	.0	.0	.1	.2	.1	.1	.2
195.	.2	.1	.2	.2	.3	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.2

200. * .2 .1 .1 .2 .3 .0 .0 .1 .1 S35EXA.OUT .2 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1
 205. * .2 .2 .1 .1 .2 .0 .0 .1 .1 .2 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.3	.1	.1	.3	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1
215.	.1	.1	.1	.1	.3	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0
220.	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0
335.	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
340.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
345.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
350.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
355.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
360.	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
MAX	.3	.3	.2	.4	.4	.3	.1	.2	.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
DEGR.	85	210	115	85	70	0	115	180	170	155	145	145	285	130	125	85	75	125	115	95

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.1
20.	.0	.1
25.	.0	.1
30.	.0	.1
35.	.0	.0
40.	.0	.0
45.	.0	.0
50.	.0	.0
55.	.0	.0
60.	.2	.0
65.	.2	.0
70.	.2	.0
75.	.1	.0
80.	.2	.0
85.	.2	.0
90.	.3	.0
95.	.3	.0
100.	.3	.0
105.	.3	.0
110.	.2	.0
115.	.2	.0
120.	.2	.0
125.	.3	.0
130.	.3	.0
135.	.3	.0
140.	.2	.0
145.	.2	.0
150.	.2	.0
155.	.2	.0
160.	.2	.0
165.	.2	.0
170.	.3	.0
175.	.3	.0
180.	.3	.0
185.	.3	.0
190.	.3	.0
195.	.3	.0
200.	.3	.0
205.	.3	.0

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .2 .0
215. * .3 .0
220. * .3 .0
225. * .2 .0
230. * .1 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .0
275. * .0 .1
280. * .0 .1
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .1
325. * .0 .1
330. * .0 .1
335. * .0 .0
340. * .0 .1
345. * .0 .1
350. * .0 .2
355. * .0 .2
360. * .0 .2
-----*-----
MAX * .3 .2
DEGR * 90 0

```

THE HIGHEST CONCENTRATION IS .40 PPM AT 85 DEGREES FROM REC4 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 70 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 155 DEGREES FROM REC10.

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)
 DATE: 12/15/2006 TIME: 10:50:55.87

RUN: US 15 RAMPS AND 7TH EXISTING AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 85	REC2 210	REC3 115	REC4 85	REC5 70	REC6 0	REC7 115	REC8 180	REC9 170	REC10 155	REC11 145	REC12 145	REC13 285	REC14 130	REC15 125	REC16 85	REC17 75	REC18 125	REC19 115	REC20 95
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
40	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0
41	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35EXA.OUT

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 210	REC3 115	REC4 85	REC5 70	REC6 0	REC7 115	REC8 180	REC9 170	REC10 155	REC11 145	REC12 145	REC13 285	REC14 130	REC15 125	REC16 85	REC17 75	REC18 125	REC19 115	REC20 95
46	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)
DATE: 12/15/2006 TIME: 10:50:55.87

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 90	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST (S35EXA.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING AM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	90 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

		S35EXP.DAT					
US 15	Ramps at 7th ST	(S35EXP.DAT)	60.0175.0.0000.00	220.30480000	1	1	
REC 1	400' SE CORNER	193303.	641955.	5.			
REC 2	164' SE CORNER	193495.	642095.	5.			
REC 3	82' SE CORNER	193560.	642142.	5.			
REC 4	SE CORNER	193632.	642182.	5.			
REC 5	82' ES CORNER	193681.	642126.	5.			
REC 6	400' ES CORNE	193861.	641863.	5.			
REC 7	400' NW CORNE	193909.	642588.	5.			
REC 8	164' NW CORNE	193754.	642433.	5.			
REC 9	82' NW CORNER	193714.	642367.	5.			
REC 10	NW CORNER	193633.	642321.	5.			
REC 11	82' WN CORNE	193592.	642378.	5.			
REC 12	164' WN CORN	193547.	642444.	5.			
REC 13	400' WN CORN	193402.	642637.	5.			
REC 14	400' WS CORN	193374.	642573.	5.			
REC 15	164' WS CORN	193511.	642376.	5.			
REC 16	82' WS CORNE	193554.	642313.	5.			
REC 17	SW CORNER	193594.	642244.	5.			
REC 18	82' SW CORNER	193535.	642189.	5.			
REC 19	164' SW CORNE	193470.	642142.	5.			
REC 20	400' SW CORNE	193275.	641999.	5.			
REC 21	RES. BIGGS	193562.	642047.	5.			
REC 22	BBALL FIELD	193480.	641424.	5.			
US 15	RAMPS AND 7TH EXISTING PM		79	1	1		
1	US15 SB OFF	AG194533.642697.194458.642659.	309.2.6	0.44.	30.		
2	"	AG194458.642659.194357.642629.	309.2.6	0.44.	30.		
3	"	AG194357.642629.194253.642616.	309.2.6	0.44.	30.		
4	"	AG194253.642616.194021.642603.	309.2.6	0.44.	30.		
5	"	AG194021.642603.193934.642580.	309.2.6	0.44.	30.		
6	"	AG193934.642580.193864.642544.	309.2.6	0.44.	30.		
7	"	AG193864.642544.193815.642500.	309.2.6	0.44.	30.		
8	"	AG193815.642500.193723.642340.	309.2.6	0.44.	30.		
9	" THRU T&L	AG193723.642340.193621.642288.	66.11.3	0.32.	30.		
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.12.	1			
100		76 2.0 1 28.3 1750 1 3					
11	" RIGHT	AG193723.642340.193650.642244.	243.11.3	0.32.	30.		
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.12.	1			
100		76 2.0 1 28.3 1800 1 3					
13	SB BIGGS RD	AG193650.642244.193240.641950.	38.2.6	0.32.	30.		
14	"	AG193240.641950.192860.641671.	38.2.6	0.32.	30.		
15	NB BIGGS RD	AG192865.641660.193652.642232.	38.11.3	0.44.	30.		
16	"	AG193624.642212.193557.642163.	0.24.	2			
100		76 2.0 2 28.3 1750 1 3					
17	SB 15 ON	RAG193652.642232.193722.642281.	630.2.6	0.32.	30.		
18	SB 15 ON	RAG193722.642281.193797.642421.	630.2.6	0.32.	30.		
19	SB 15 ON	RAG193797.642421.193846.642502.	630.2.6	0.32.	30.		
20	SB 15 ON	RAG193846.642502.193887.642529.	630.2.6	0.32.	30.		
21	SB 15 ON	RAG193887.642529.193931.642541.	630.2.6	0.32.	30.		
22	SB 15 ON	RAG193931.642541.193988.642534.	630.2.6	0.32.	30.		
23	SB 15 ON	RAG193988.642534.194035.642505.	630.2.6	0.32.	30.		
24	SB 15 ON	RAG194035.642505.194069.642470.	630.2.6	0.32.	30.		
25	SB 15 ON	RAG194069.642470.194085.642414.	630.2.6	0.32.	30.		
26	SB 15 ON	RAG194085.642414.194077.642344.	630.2.6	0.32.	30.		
27	SB 15 ON	RAG194077.642344.194048.642294.	630.2.6	0.32.	30.		
28	SB 15 ON	RAG194048.642294.193964.642209.	630.2.6	0.32.	30.		
29	EB 7TH ST	AG193214.642839.193639.642234.	964.2.6	0.44.	30.		
30	EB 7TH THRA	AG193619.642264.193564.642342.	0.24.	2			
100		24 2.0 2 28.3 1750 1 3					
31	EB 7TH ST	AG193639.642234.194010.641684.	689.2.6	0.44.	30.		
32	EB 7th Q	AG193982.641725.193639.642234.	0.24.	2			
120		26 2.0 2 28.3 1750 1 3					
33	WB 7TH ST	AG193928.641844.193785.642040.	824.2.6	0.44.	30.		
34	WB 7TH THRA	AG193697.642177.193742.642106.	0.24.	2			
100		24 2.0 2 28.3 1750 1 3					
35	WB 7TH ST	AG193785.642040.193658.642238.	769.2.6	0.44.	30.		
36	WB 7TH ST	AG193658.642238.193370.642645.	769.2.6	0.44.	30.		
37	WB 7TH ST	AG193370.642645.193228.642853.	769.2.6	0.44.	30.		
38	SB 15	AG194552.642678.194349.642493.	2346.3.4	0.44.	53.1		

39		SB 15	AG194349.642493.193973.642204.	2346.	3.4	0.	44.	53.1
40	1	SB 15	AG193973.642204.193646.641977.	2985.	3.4	0.	44.	53.1
41	1	SB I5	AG193646.641977.193301.641716.	2985.	3.4	0.	44.	53.1
42	1	SB I5	AG193301.641716.192964.641469.	2985.	3.4	0.	44.	53.1
43	1	NB I5	AG193003.641416.193391.641696.	3365.	3.4	0.	44.	54.1
44	1	NB I5	AG193391.641696.193866.642041.	3365.	3.4	0.	44.	54.1
45	1	NB I5	AG193866.642041.193972.642114.	3365.	3.4	0.	44.	54.1
46	1	NB I270	AG193972.642114.194335.642396.	2965.	3.4	0.	44.	30.
47	1	NB I270	AG194335.642396.194598.642624.	2965.	3.4	0.	44.	30.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	400.	2.6	0.	32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	400.	2.6	0.	32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	400.	2.6	0.	32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	400.	2.6	0.	32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	400.	2.6	0.	32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	400.	2.6	0.	32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	400.	2.6	0.	32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	400.	2.6	0.	32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	400.	2.6	0.	32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	400.	2.6	0.	32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	263.11.3	0.	32.	30.	
59	120	nbofrmplt	AG194040.641745.194074.641768. 94 2.0 1 28.3 1800 1 3	0.	12.	1		
60	1	NB270ofrmp	AG194130.641806.193990.641711.	137.	2.6	0.	32.	30.
61	1	NB270ofrmp	AG194130.641806.194040.641788.	137.	2.6	0.	32.	30.
62	1	NB270ofrmp	AG194040.641788.193969.641812.	137.	2.9	0.	32.	30.
63	120	nbofrmplt	AG193976.641810.194033.641791. 94 2.0 1 28.3 1800 1 3	0.	12.	1		
64	1	WB 7th Str	AG193969.641812.193928.641844.	828.	2.6	0.	44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	828.	2.6	0.	44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	828.	2.6	0.	44.	30.
67	2	WB 7th St	AG194056.641641.194003.641720.	687.	2.6	0.	32.	30.
68	120	WB 7 TQ	AG194017.641699.194051.641649. 26 2.0 1 28.3 1750 1 3	0.	12.	1		
69	WB 7TH THRU		AG194003.641720.193928.641844.	687.	2.6	0.	32.	30.
70	WB 7TH RIGHT		AG194056.641641.194063.641724.	141.	2.6	0.	32.	30.
71	WB 7TH RIGHT Q		AG194062.641709.194057.641655. 120 26 2.0 141 28.3 1750 1 3	0.	12.	1		
72	1	NB 270 ONR	AG194063.641724.194399.641958.	464.	2.6	0.	32.	30.
73	1	NB 270 ONR	AG194399.641958.194473.642025.	464.	2.6	0.	32.	30.
74	1	NB 270 ONR	AG194473.642025.194525.642103.	464.	2.6	0.	32.	30.
75	1	NB 270 ONR	AG194525.642103.194564.642207.	464.	2.6	0.	32.	30.
76	1	NB 270 ONR	AG194564.642207.194607.642463.	464.	2.6	0.	32.	30.
77	1	NB 270 ONR	AG194607.642463.194637.642565.	464.	2.6	0.	32.	30.
78	1	EB 7TH STR	AG194010.641684.194223.641375.	629.	2.6	0.	32.	30.
79	1.0000.4	EB 7TH STR	AG194223.641375.194360.641206. 1000. 0.0Y 5 0 72	629.	2.6	0.	32.	30.

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)
DATE: 12/15/2006 TIME: 10:51:22.12

RUN: US 15 RAMPS AND 7TH EXISTING PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
			X1	Y1	X2	Y2								
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	309.	2.6	.0	44.0	
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	309.	2.6	.0	44.0	
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	309.	2.6	.0	44.0	
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	309.	2.6	.0	44.0	
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	309.	2.6	.0	44.0	
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	309.	2.6	.0	44.0	
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	309.	2.6	.0	44.0	
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	309.	2.6	.0	44.0	
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	66.	11.3	.0	32.0	
10. 10	" THRU T&L	*	193639.0	642298.0	193639.4	642298.2	*	0.	63. AG	58.	100.0	.0	12.0	.01
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	243.	11.3	.0	32.0	
12. 12	" RIGHT	*	193665.0	642264.0	193665.3	642264.3	*	0.	38. AG	58.	100.0	.0	12.0	.01
13. 13	" QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	38.	2.6	.0	32.0	
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	38.	2.6	.0	32.0	
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	38.	11.3	.0	44.0	
16. 16	NB BIGGS RD	*	193624.0	642212.0	193623.7	642211.8	*	0.	233. AG	115.	100.0	.0	24.0	.01
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	630.	2.6	.0	32.0	
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	630.	2.6	.0	32.0	
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	630.	2.6	.0	32.0	
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	630.	2.6	.0	32.0	
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	630.	2.6	.0	32.0	
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	630.	2.6	.0	32.0	
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	630.	2.6	.0	32.0	
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	630.	2.6	.0	32.0	
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	630.	2.6	.0	32.0	
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	630.	2.6	.0	32.0	
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	630.	2.6	.0	32.0	
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	630.	2.6	.0	32.0	
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	964.	2.6	.0	44.0	
30. 30	EB 7TH THR	*	193619.0	642264.0	193618.9	642264.1	*	0.	324. AG	36.	100.0	.0	24.0	.00
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	689.	2.6	.0	44.0	
32. 32	EB 7th Q	*	193982.0	641725.0	193981.9	641725.1	*	0.	327. AG	33.	100.0	.0	24.0	.00
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	824.	2.6	.0	44.0	
34. 34	WB 7TH THR	*	193697.0	642177.0	193697.1	642176.9	*	0.	151. AG	36.	100.0	.0	24.0	.00
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	769.	2.6	.0	44.0	
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	769.	2.6	.0	44.0	
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	769.	2.6	.0	44.0	
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	2346.	3.4	.0	44.0	
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	2346.	3.4	.0	44.0	
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	2985.	3.4	.0	44.0	
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	2985.	3.4	.0	44.0	
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	2985.	3.4	.0	44.0	
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	3365.	3.4	.0	44.0	
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	3365.	3.4	.0	44.0	

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)
DATE: 12/15/2006 TIME: 10:51:22.12

RUN: US 15 RAMPS AND 7TH EXISTING PM

LINK VARIABLES

		LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
				X1	Y1	X2	Y2		(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	45	NB I5	*	193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	3365.	3.4	.0	44.0		
46.	46	NB I270	*	193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	2965.	3.4	.0	44.0		
47.	47	NB I270	*	194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	2965.	3.4	.0	44.0		
48.	48	NB15 RAMP	*	193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	400.	2.6	.0	32.0		
49.	49	NB15 OFF R*	*	194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	400.	2.6	.0	32.0		
50.	50	NB15 OFF R*	*	194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	400.	2.6	.0	32.0		
51.	51	NB15 OFF R*	*	194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	400.	2.6	.0	32.0		
52.	52	NB15 OFF R*	*	194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	400.	2.6	.0	32.0		
53.	53	NB15 OFF R*	*	194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	400.	2.6	.0	32.0		
54.	54	NB15 OFF R*	*	194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	400.	2.6	.0	32.0		
55.	55	NB15 OFF R*	*	194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	400.	2.6	.0	32.0		
56.	56	NB15 OFF R*	*	194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	400.	2.6	.0	32.0		
57.	57	NB15 OFF R*	*	194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	400.	2.6	.0	32.0		
58.	58	NB15 OFF R*	*	194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	263.	11.3	.0	32.0		
59.	59	nbofrmp1t	*	194040.0	641745.0	194040.4	641745.3	*	1.	55. AG	59.	100.0	.0	12.0	.01	.0
60.	60	NB270ofrmp	*	194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	137.	2.6	.0	32.0		
61.	61	NB270ofrmp	*	194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	137.	2.6	.0	32.0		
62.	62	NB270ofrmp	*	194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	137.	2.9	.0	32.0		
63.	63	nbofrmp1t	*	193976.0	641810.0	193976.5	641809.8	*	1.	109. AG	59.	100.0	.0	12.0	.01	.0
64.	64	WB 7th Str*	*	193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	828.	2.6	.0	44.0		
65.	65	WB 7th Str*	*	194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	828.	2.6	.0	44.0		
66.	66	WB 7th Str*	*	194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	828.	2.6	.0	44.0		
67.	67	WB 7th St	*	194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	687.	2.6	.0	32.0		
68.	68	WB 7 TQ	*	194017.0	641699.0	194017.1	641698.9	*	0.	147. AG	16.	100.0	.0	12.0	.00	.0
69.	69	WB 7TH THRU	*	194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	687.	2.6	.0	32.0		
70.	70	WB 7TH RIGHT	*	194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	141.	2.6	.0	32.0		
71.	71	WB 7TH RIGHT Q	*	194062.0	641709.0	194060.2	641689.1	*	20.	185. AG	16.	100.0	.0	12.0	.25	1.0
72.	72	NB 270 ONR*	*	194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	464.	2.6	.0	32.0		
73.	73	NB 270 ONR*	*	194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	464.	2.6	.0	32.0		
74.	74	NB 270 ONR*	*	194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	464.	2.6	.0	32.0		
75.	75	NB 270 ONR*	*	194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	464.	2.6	.0	32.0		
76.	76	NB 270 ONR*	*	194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	464.	2.6	.0	32.0		
77.	77	NB 270 ONR*	*	194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	464.	2.6	.0	32.0		
78.	78	EB 7TH STR*	*	194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	629.	2.6	.0	32.0		
79.	79	EB 7TH STR*	*	194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	629.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)
 DATE: 12/15/2006 TIME: 10:51:22.12

RUN: US 15 RAMPS AND 7TH EXISTING PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	100	76	2.0	1	750	28.30	1	3
12. 12 " QUEUE RIGHT	100	76	2.0	1	800	28.30	1	3
16. 16 " "	100	76	2.0	2	750	28.30	1	3
30. 30 EB 7TH THR	100	24	2.0	2	750	28.30	1	3
32. 32 EB 7th Q	120	26	2.0	2	750	28.30	1	3
34. 34 WB 7TH THR	100	24	2.0	2	750	28.30	1	3
59. 59 nbofrmp1t	120	94	2.0	1	800	28.30	1	3
63. 63 nbofrmp1t	120	94	2.0	1	800	28.30	1	3
68. 68 WB 7 TQ	120	26	2.0	1	750	28.30	1	3
71. 71 WB 7TH RIGHT Q	120	26	2.0	141	750	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
5.	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
10.	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
15.	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
20.	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
25.	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
30.	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
35.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
40.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0
45.	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0
50.	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0
55.	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
60.	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
65.	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
70.	.1	.0	.0	.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.0	.0	.0
75.	.1	.1	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.1
80.	.1	.1	.2	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.1
85.	.3	.1	.2	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1
90.	.2	.1	.1	.3	.5	.1	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2	.2	.1	.1	.2
95.	.2	.1	.1	.3	.5	.1	.0	.0	.1	.1	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1
100.	.2	.2	.1	.2	.5	.1	.0	.1	.2	.1	.0	.0	.0	.2	.2	.2	.2	.1	.1	.2
105.	.2	.2	.1	.2	.5	.1	.0	.2	.2	.1	.0	.0	.0	.2	.2	.2	.1	.1	.1	.2
110.	.2	.2	.1	.3	.4	.1	.0	.2	.1	.0	.0	.0	.0	.2	.2	.2	.1	.1	.2	.2
115.	.2	.2	.2	.2	.5	.1	.0	.1	.1	.0	.0	.0	.0	.2	.2	.3	.1	.1	.2	.2
120.	.2	.2	.2	.2	.4	.1	.0	.1	.1	.1	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2
125.	.2	.2	.2	.3	.3	.1	.0	.1	.0	.1	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2
130.	.2	.2	.2	.3	.3	.1	.0	.1	.1	.1	.1	.0	.0	.2	.2	.2	.2	.2	.1	.2
135.	.2	.2	.2	.3	.3	.1	.0	.1	.1	.1	.1	.0	.1	.2	.2	.2	.3	.2	.1	.2
140.	.2	.2	.2	.3	.3	.1	.1	.0	.1	.1	.1	.0	.1	.2	.2	.2	.3	.2	.2	.2
145.	.2	.2	.2	.2	.3	.1	.1	.0	.1	.1	.1	.1	.2	.1	.1	.3	.3	.2	.2	.2
150.	.2	.2	.2	.2	.3	.1	.1	.1	.1	.2	.2	.1	.2	.1	.2	.2	.2	.1	.2	.2
155.	.2	.2	.2	.2	.2	.0	.0	.1	.1	.2	.3	.1	.2	.1	.1	.1	.2	.1	.2	.1
160.	.1	.2	.2	.2	.2	.0	.0	.1	.1	.3	.3	.2	.2	.0	.1	.1	.2	.2	.2	.1
165.	.2	.2	.2	.2	.2	.0	.0	.1	.3	.3	.3	.3	.2	.0	.1	.1	.1	.2	.2	.1
170.	.2	.2	.2	.2	.2	.0	.0	.1	.3	.3	.3	.3	.2	.0	.1	.1	.1	.2	.2	.2
175.	.2	.2	.2	.2	.2	.0	.0	.2	.3	.2	.3	.3	.2	.0	.1	.2	.2	.2	.2	.1
180.	.2	.2	.2	.2	.2	.0	.0	.2	.3	.2	.3	.2	.2	.0	.1	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.2	.0	.1	.2	.3	.4	.4	.2	.2	.0	.1	.2	.2	.2	.2	.2
190.	.2	.2	.2	.2	.3	.0	.1	.1	.2	.4	.3	.2	.2	.0	.0	.1	.2	.2	.1	.2
195.	.2	.1	.2	.2	.3	.0	.2	.1	.2	.4	.3	.2	.2	.0	.0	.1	.2	.1	.2	.2

200. * .2 .2 .2 .2 .3 .0 .1 .1 .3 S35EXP.OUT .2 .2 .0 .0 .0 .1 .1 .2 .2
 205. * .2 .2 .2 .2 .2 .0 .0 .0 .2 .3 .2 .2 .2 .0 .0 .0 .1 .2 .1 .1

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.2	.2	.1	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.1	.2	.1
215.	*	.1	.2	.1	.2	.3	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
220.	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0
320.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0
325.	*	.0	.0	.0	.1	.1	.3	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
330.	*	.0	.0	.0	.1	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
335.	*	.0	.0	.0	.1	.2	.3	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0
340.	*	.0	.0	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
345.	*	.0	.0	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
350.	*	.0	.0	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
355.	*	.0	.0	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
360.	*	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.0	.0	.0
MAX	*	.3	.2	.2	.3	.5	.5	.2	.2	.3	.4	.4	.3	.2	.2	.3	.3	.2	.2	.2
DEGR.	*	85	100	80	85	90	0	195	105	165	185	185	165	145	15	0	115	135	90	110

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.0
30.	*	.0
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.0
65.	*	.1
70.	*	.2
75.	*	.2
80.	*	.1
85.	*	.2
90.	*	.3
95.	*	.3
100.	*	.2
105.	*	.2
110.	*	.2
115.	*	.2
120.	*	.2
125.	*	.3
130.	*	.3
135.	*	.3
140.	*	.2
145.	*	.2
150.	*	.2
155.	*	.2
160.	*	.2
165.	*	.2
170.	*	.2
175.	*	.2
180.	*	.2
185.	*	.2
190.	*	.3
195.	*	.3
200.	*	.3
205.	*	.3

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----
210. * .3 .0
215. * .2 .0
220. * .3 .0
225. * .3 .0
230. * .0 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .1
275. * .0 .1
280. * .0 .1
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .1
325. * .0 .1
330. * .0 .1
335. * .0 .1
340. * .0 .1
345. * .0 .1
350. * .0 .2
355. * .0 .2
360. * .0 .2
-----
MAX * .3 .2
DEGR * 90 0

```

THE HIGHEST CONCENTRATION IS .50 PPM AT 90 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 185 DEGREES FROM REC10.

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)
 DATE: 12/15/2006 TIME: 10:51:22.12

RUN: US 15 RAMPS AND 7TH EXISTING PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 85	REC2 100	REC3 80	REC4 85	REC5 90	REC6 0	REC7 195	REC8 105	REC9 165	REC10 185	REC11 185	REC12 165	REC13 145	REC14 15	REC15 0	REC16 115	REC17 135	REC18 90	REC19 110	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
41	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.1	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1
45	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35EXP.OUT

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 100	REC3 80	REC4 85	REC5 90	REC6 0	REC7 195	REC8 105	REC9 165	REC10 185	REC11 185	REC12 165	REC13 145	REC14 15	REC15 0	REC16 115	REC17 135	REC18 90	REC19 110	REC20 90
46	*	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)
DATE: 12/15/2006 TIME: 10:51:22.12

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 90	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST (S35EXP.DAT)

RUN: US 15 RAMPS AND 7TH EXISTING PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	90 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35NB15A.DAT

US 15	Ramps at 7th ST	NB15A	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	NB15 AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	550.	2.9	0.44.	30.
2	"	AG194458.642659.194357.642629.	550.	2.9	0.44.	30.
3	"	AG194357.642629.194253.642616.	550.	2.9	0.44.	30.
4	"	AG194253.642616.194021.642603.	550.	2.9	0.44.	30.
5	"	AG194021.642603.193934.642580.	550.	2.9	0.44.	30.
6	"	AG193934.642580.193864.642544.	550.	2.9	0.44.	30.
7	"	AG193864.642544.193815.642500.	550.	2.9	0.44.	30.
8	"	AG193815.642500.193723.642340.	550.	2.9	0.44.	30.
9	" THRU T&L	AG193723.642340.193621.642288.	125.	2.9	0.32.	30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.	12.	1	
	65	39 2.0 125 32.2 1427 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	450.	2.9	0.32.	30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.	12.	1	
	65	39 2.0 450 32.2 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	75.	2.9	0.32.	30.
14	"	AG193240.641950.192860.641671.	75.	2.9	0.32.	30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	75.	2.9	0.44.	30.
16	"	AG193624.642212.193557.642163.	0.	24.	2	
	65	39 2.0 75 32.2 1416 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	325.	2.9	0.32.	30.
18	SB 15 ON	RAG193722.642281.193797.642421.	325.	2.9	0.32.	30.
19	SB 15 ON	RAG193797.642421.193846.642502.	325.	2.9	0.32.	30.
20	SB 15 ON	RAG193846.642502.193887.642529.	325.	2.9	0.32.	30.
21	SB 15 ON	RAG193887.642529.193931.642541.	325.	2.9	0.32.	30.
22	SB 15 ON	RAG193931.642541.193988.642534.	325.	2.9	0.32.	30.
23	SB 15 ON	RAG193988.642534.194035.642505.	325.	2.9	0.32.	30.
24	SB 15 ON	RAG194035.642505.194069.642470.	325.	2.9	0.32.	30.
25	SB 15 ON	RAG194069.642470.194085.642414.	325.	2.9	0.32.	30.
26	SB 15 ON	RAG194085.642414.194077.642344.	325.	2.9	0.32.	30.
27	SB 15 ON	RAG194077.642344.194048.642294.	325.	2.9	0.32.	30.
28	SB 15 ON	RAG194048.642294.193964.642209.	325.	2.9	0.32.	30.
29	EB 7TH ST	AG193214.642839.193639.642234.	300.	2.9	0.44.	30.
30	EB 7TH THRA	AG193619.642264.193564.642342.	0.	24.	2	
	65	47 2.0 300 32.2 1799 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	300.	2.9	0.44.	30.
32	EB 7th Q	AG193982.641725.193639.642234.	0.	24.	2	
	45	16 2.0 300 32.2 1448 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	775.	2.9	0.44.	30.
34	WB 7TH THRA	AG193697.642177.193742.642106.	0.	24.	2	
	65	41 2.0 775 32.2 1690 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	1025.	2.9	0.44.	30.
36	WB 7TH ST	AG193658.642238.193370.642645.	1025.	2.9	0.44.	30.
37	WB 7TH ST	AG193370.642645.193228.642853.	1025.	2.9	0.44.	30.
38	SB 15	AG194552.642678.194349.642493.	3650.	3.9	0.44.	54.

[illegible]

JOB: US 15 Ramps at 7th ST NB15A
DATE: 01/22/2007 TIME: 14:06:32.56

RUN: US 15 RAMP AND 7TH NB15 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	* 84.	243.	AG	550.	2.9	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	* 105.	253.	AG	550.	2.9	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	* 105.	263.	AG	550.	2.9	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	* 232.	267.	AG	550.	2.9	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	* 90.	255.	AG	550.	2.9	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	* 79.	243.	AG	550.	2.9	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	* 66.	228.	AG	550.	2.9	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	* 185.	210.	AG	550.	2.9	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	* 114.	243.	AG	125.	2.9	.0	32.0		
10. 10	" THRU T&L	* 193639.0	642298.0	193662.9	642309.9	* 27.	63.	AG	52.	100.0	.0	12.0	.26	1.4
11. 11	" QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	* 121.	217.	AG	450.	2.9	.0	32.0		
12. 12	" RIGHT	* 193665.0	642264.0	193735.6	642356.7	* 117.	37.	AG	52.	100.0	.0	12.0	.84	5.9
13. 13	" QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	* 505.	234.	AG	75.	2.9	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	* 471.	234.	AG	75.	2.9	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	* 973.	54.	AG	75.	2.9	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193617.6	642207.3	* 8.	234.	AG	104.	100.0	.0	24.0	.08	.4
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	* 85.	55.	AG	325.	2.9	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	* 159.	28.	AG	325.	2.9	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	* 95.	31.	AG	325.	2.9	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	* 49.	57.	AG	325.	2.9	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	* 46.	75.	AG	325.	2.9	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	* 57.	97.	AG	325.	2.9	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	* 55.	122.	AG	325.	2.9	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	* 49.	136.	AG	325.	2.9	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	* 58.	164.	AG	325.	2.9	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	* 70.	187.	AG	325.	2.9	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	* 58.	210.	AG	325.	2.9	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	* 120.	225.	AG	325.	2.9	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	* 739.	145.	AG	300.	2.9	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193596.8	642295.5	* 39.	325.	AG	125.	100.0	.0	24.0	.39	2.0
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	* 663.	146.	AG	300.	2.9	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193974.7	641735.9	* 13.	326.	AG	61.	100.0	.0	24.0	.19	.7
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	* 243.	324.	AG	775.	2.9	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193746.0	642099.6	* 92.	148.	AG	109.	100.0	.0	24.0	.74	4.7
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	* 235.	327.	AG	1025.	2.9	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	* 499.	325.	AG	1025.	2.9	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	* 252.	326.	AG	1025.	2.9	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	* 275.	228.	AG	3650.	3.9	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	* 474.	232.	AG	3650.	3.9	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	* 398.	235.	AG	3650.	3.9	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	* 433.	233.	AG	3425.	3.9	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	* 418.	234.	AG	3425.	3.9	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	* 478.	54.	AG	2550.	4.0	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	* 587.	54.	AG	2550.	4.0	.0	44.0		

JOB: US 15 Ramps at 7th ST NB15A
DATE: 01/22/2007 TIME: 14:06:32.56

RUN: US 15 RAMP AND 7TH NB15 AM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	* 129.	55.	AG	2175.	4.0	.0	44.0		
46. 46	NB 1270	* 193972.0	642114.0	194335.0	642396.0	* 460.	52.	AG	2175.	4.0	.0	44.0		
47. 47	NB 1270	* 194335.0	642396.0	194598.0	642624.0	* 348.	49.	AG	2175.	4.0	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	* 139.	61.	AG	525.	2.9	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	* 96.	60.	AG	525.	2.9	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	* 85.	76.	AG	525.	2.9	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	* 61.	94.	AG	525.	2.9	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	* 55.	114.	AG	525.	2.9	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	* 67.	137.	AG	525.	2.9	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	* 61.	160.	AG	525.	2.9	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	* 68.	184.	AG	525.	2.9	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	* 64.	207.	AG	525.	2.9	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	* 86.	232.	AG	525.	2.9	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	* 245.	237.	AG	250.	3.8	.0	32.0		
59. 59	nbofrmlt	* 194040.0	641745.0	194070.6	641765.7	* 37.	56.	AG	52.	100.0	.0	12.0	.45	1.9
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	* 169.	236.	AG	275.	2.9	.0	32.0		
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	* 92.	259.	AG	275.	2.9	.0	32.0		
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	* 75.	289.	AG	275.	2.9	.0	32.0		
63. 63	nbofrmlt	* 193976.0	641810.0	194014.5	641797.2	* 41.	108.	AG	52.	100.0	.0	12.0	.56	2.1
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	* 52.	308.	AG	600.	2.9	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	* 312.	322.	AG	600.	2.9	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	* 220.	323.	AG	600.	2.9	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	* 95.	326.	AG	500.	2.9	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194029.3	641680.9	* 22.	146.	AG	61.	100.0	.0	24.0	.26	1.1
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	* 145.	329.	AG	500.	2.9	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	* 83.	5.	AG	100.	2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194061.2	641700.3	* 9.	185.	AG	31.	100.0	.0	12.0	.10	.4
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	* 409.	55.	AG	155.	2.9	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	* 100.	48.	AG	155.	2.9	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	* 94.	34.	AG	155.	2.9	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	* 111.	21.	AG	155.	2.9	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	* 260.	10.	AG	155.	2.9	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	* 106.	16.	AG	155.	2.9	.0	32.0		
78. 78	EB 7TH STR	* 194010.0	641684.0	194223.0	641375.0	* 375.	145.	AG	500.	2.9	.0	32.0		
79. 79	EB 7TH STR	* 194223.0	641375.0	194360.0	641206.0	* 218.	141.	AG	500.	2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST NB15A
DATE: 01/22/2007 TIME: 14:06:32.56

RUN: US 15 RAMP AND 7TH NB15 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	*	65	39	2.0	125	1427	32.20	1	3
12. 12 " QUEUE RIGHT	*	65	39	2.0	450	1583	32.20	1	3
16. 16 " "	*	65	39	2.0	75	1416	32.20	1	3
30. 30 EB 7TH THR	*	65	47	2.0	300	1799	32.20	1	3
32. 32 EB 7th Q	*	45	16	2.0	300	1448	32.20	1	3
34. 34 WB 7TH THR	*	65	41	2.0	775	1690	32.20	1	3
59. 59 nbofrmlt	*	45	27	2.0	250	1770	32.20	1	3
63. 63 nbofrmlt	*	45	27	2.0	275	1583	32.20	1	3
68. 68 WB 7 TQ	*	45	16	2.0	500	1725	32.20	1	3
71. 71 WB 7TH RIGHT Q	*	45	16	2.0	100	1725	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. REC 1 400' SE CORNER	*	193303.0	641955.0	5.0	*
2. REC 2 164' SE CORNER	*	193495.0	642095.0	5.0	*
3. REC 3 82' SE CORNER	*	193560.0	642142.0	5.0	*
4. REC 4 SE CORNER	*	193632.0	642182.0	5.0	*
5. REC 5 82' ES CORNER	*	193681.0	642126.0	5.0	*
6. REC 6 400' ES CORNE	*	193861.0	641863.0	5.0	*
7. REC 7 400' NW CORNE	*	193909.0	642588.0	5.0	*
8. REC 8 164' NW CORNE	*	193754.0	642433.0	5.0	*
9. REC 9 82' NW CORNER	*	193714.0	642367.0	5.0	*
10. REC 10 NW CORNER	*	193633.0	642321.0	5.0	*
11. REC 11 82' WN CORNE	*	193592.0	642378.0	5.0	*
12. REC 12 164' WN CORN	*	193547.0	642444.0	5.0	*
13. REC 13 400' WN CORN	*	193402.0	642637.0	5.0	*
14. REC 14 400' WS CORN	*	193374.0	642573.0	5.0	*
15. REC 15 164' WS CORN	*	193511.0	642376.0	5.0	*
16. REC 16 82' WS CORNE	*	193554.0	642313.0	5.0	*
17. REC 17 SW CORNER	*	193594.0	642244.0	5.0	*
18. REC 18 82' SW CORNER	*	193535.0	642189.0	5.0	*
19. REC 19 164' SW CORNE	*	193470.0	642142.0	5.0	*
20. REC 20 400' SW CORNE	*	193275.0	641999.0	5.0	*
21. REC 21 RES. BIGGS	*	193562.0	642047.0	5.0	*
22. REC 22 BBALL FIELD	*	193480.0	641424.0	5.0	*

1

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMP AND 7TH NB15 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
5.	*	.0	.0	.0	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
10.	*	.0	.0	.0	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
15.	*	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
20.	*	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0	.0
25.	*	.0	.0	.0	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0	.0
30.	*	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0	.0
35.	*	.0	.0	.0	.0	.3	.3	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0
40.	*	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0
45.	*	.0	.0	.0	.1	.3	.2	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0
50.	*	.0	.0	.0	.1	.3	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
55.	*	.0	.0	.0	.1	.4	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
60.	*	.0	.0	.0	.2	.4	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
65.	*	.1	.1	.1	.2	.5	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
70.	*	.1	.1	.1	.2	.6	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.3	.1	.1	.1	.1
75.	*	.1	.2	.2	.2	.6	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1
80.	*	.1	.2	.3	.4	.7	.1	.0	.1	.2	.2	.0	.0	.0	.1	.1	.2	.2	.1	.2	.1	.1
85.	*	.3	.1	.3	.5	.6	.1	.1	.2	.2	.2	.1	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1
90.	*	.3	.1	.2	.5	.5	.1	.1	.2	.2	.2	.1	.1	.0	.1	.2	.2	.1	.1	.1	.1	.1
95.	*	.2	.1	.2	.3	.5	.0	.1	.2	.2	.2	.1	.1	.0	.1	.2	.3	.2	.1	.1	.3	.3
100.	*	.2	.1	.2	.3	.6	.0	.0	.2	.2	.2	.1	.1	.0	.1	.2	.3	.1	.2	.1	.2	.2
105.	*	.2	.2	.1	.3	.6	.0	.1	.2	.3	.3	.1	.1	.0	.1	.1	.2	.1	.2	.1	.2	.2
110.	*	.2	.2	.1	.4	.4	.0	.1	.2	.3	.3	.1	.1	.0	.1	.1	.3	.2	.2	.1	.2	.2
115.	*	.2	.2	.2	.4	.5	.0	.1	.2	.3	.3	.0	.0	.0	.1	.2	.3	.3	.1	.2	.2	.2
120.	*	.2	.2	.2	.3	.5	.0	.1	.2	.3	.3	.1	.0	.0	.1	.2	.4	.3	.1	.2	.2	.2
125.	*	.2	.3	.2	.3	.5	.0	.1	.2	.3	.3	.1	.1	.0	.1	.2	.4	.3	.2	.2	.2	.2
130.	*	.2	.3	.2	.4	.4	.0	.1	.2	.3	.3	.1	.1	.1	.1	.2	.2	.3	.2	.2	.2	.2
135.	*	.2	.2	.2	.3	.3	.0	.1	.1	.3	.3	.1	.1	.1	.1	.3	.2	.3	.2	.2	.2	.2
140.	*	.2	.2	.2	.2	.3	.0	.2	.2	.2	.2	.1	.2	.1	.1	.1	.2	.3	.2	.2	.2	.2
145.	*	.2	.2	.2	.2	.3	.0	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2
150.	*	.2	.2	.3	.2	.3	.0	.2	.2	.2	.2	.5	.2	.2	.2	.0	.1	.2	.2	.2	.2	.2
155.	*	.2	.2	.3	.2	.3	.0	.2	.2	.2	.2	.6	.3	.2	.2	.0	.1	.2	.2	.2	.2	.1
160.	*	.1	.2	.2	.2	.3	.0	.2	.2	.2	.2	.6	.3	.2	.2	.0	.0	.2	.2	.2	.2	.1
165.	*	.1	.2	.2	.2	.3	.0	.2	.2	.2	.2	.5	.4	.1	.2	.0	.0	.1	.2	.2	.2	.1
170.	*	.2	.2	.2	.2	.3	.0	.1	.2	.3	.3	.3	.1	.2	.0	.1	.2	.3	.2	.2	.2	.2
175.	*	.2	.2	.2	.3	.3	.0	.2	.2	.3	.3	.3	.1	.1	.0	.1	.2	.2	.2	.2	.3	.3
180.	*	.3	.2	.2	.3	.3	.0	.2	.3	.3	.4	.4	.2	.1	.0	.1	.2	.2	.2	.2	.2	.2
185.	*	.2	.2	.2	.2	.4	.0	.2	.3	.3	.4	.3	.2	.1	.0	.1	.1	.2	.2	.1	.2	.2
190.	*	.2	.2	.2	.2	.3	.0	.2	.3	.4	.4	.2	.2	.1	.0	.1	.1	.2	.2	.1	.2	.2
195.	*	.2	.1	.2	.2	.3	.0	.2	.4	.3	.3	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.2

200. * .2 .2 .1 .2 .3 .0 .2 .3 .2 S35NB15A.OUT .4 .2 .1 .1 .0 .0 .1 .1 .1 .2 .2
 205. * .2 .3 .1 .2 .4 .0 .1 .3 .2 .4 .1 .1 .1 .0 .0 .0 .1 .1 .3 .1

1

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMPS AND 7TH NB15 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.1	.3	.3	.1	.3	.0	.1	.3	.2	.4	.1	.1	.1	.0	.0	.1	.2	.1	.1
215.	*	.1	.1	.2	.1	.3	.0	.1	.0	.1	.3	.1	.1	.1	.0	.0	.0	.1	.1	.0
220.	*	.1	.1	.1	.2	.2	.0	.1	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
225.	*	.0	.1	.0	.0	.2	.0	.1	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
330.	*	.0	.0	.0	.2	.1	.2	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0
335.	*	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
340.	*	.0	.0	.0	.3	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0
345.	*	.0	.0	.0	.3	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0
350.	*	.0	.0	.0	.3	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0
355.	*	.0	.0	.0	.3	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.0	.0
360.	*	.0	.0	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.0	.0
MAX	*	.3	.3	.3	.5	.7	.4	.2	.4	.4	.6	.4	.2	.2	.1	.3	.4	.4	.2	.3
DEGR.	*	85	125	80	85	80	5	140	195	190	155	165	140	150	0	135	120	20	85	205

1

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMPS AND 7TH NB15 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.1
25.	*	.0
30.	*	.1
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.2
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.2
85.	*	.2
90.	*	.3
95.	*	.3
100.	*	.3
105.	*	.3
110.	*	.3
115.	*	.3
120.	*	.2
125.	*	.3
130.	*	.3
135.	*	.3
140.	*	.2
145.	*	.3
150.	*	.3
155.	*	.3
160.	*	.3
165.	*	.3
170.	*	.3
175.	*	.3
180.	*	.3
185.	*	.3
190.	*	.3
195.	*	.3
200.	*	.3
205.	*	.3

1

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMPS AND 7TH NB15 AM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22

```

210. * .3 .0
215. * .4 .0
220. * .3 .0
225. * .2 .0
230. * .1 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .0
275. * .0 .1
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .1
330. * .0 .1
335. * .0 .2
340. * .0 .1
345. * .0 .1
350. * .0 .2
355. * .0 .2
360. * .0 .2

```

```

MAX * .4 .2
DEGR * 215 0

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 80 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 155 DEGREES FROM REC10 .
THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 85 DEGREES FROM REC4 .

1

JOB: US 15 Ramps at 7th ST NB15A
DATE: 01/22/2007 TIME: 14:06:32.56

RUN: US 15 RAMPS AND 7TH NB15 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 85	REC2 125	REC3 80	REC4 85	REC5 80	REC6 5	REC7 140	REC8 195	REC9 190	REC10 155	REC11 165	REC12 140	REC13 150	REC14 0	REC15 135	REC16 120	REC17 20	REC18 85	REC19 205	REC20 95
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.3	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40	.1	.1	.1	.1	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.0	.1
41	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
44	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
45	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35NB15A.OUT

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMPS AND 7TH NB15 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 125	REC3 80	REC4 85	REC5 80	REC6 5	REC7 140	REC8 195	REC9 190	REC10 155	REC11 165	REC12 140	REC13 150	REC14 0	REC15 135	REC16 120	REC17 20	REC18 85	REC19 205	REC20 95
46	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST NB15A
DATE: 01/22/2007 TIME: 14:06:32.56

RUN: US 15 RAMPS AND 7TH NB15 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 215	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.2	.1
42	*	.1	.0
43	*	.1	.0
44	*	.0	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST NB15A

RUN: US 15 RAMPS AND 7TH NB15 AM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	215 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35NB15P.DAT

US 15	Ramps at 7th ST	NB15P	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	NB15 PM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	400. 2.9	0. 44.	30.	
2	"	AG194458.642659.194357.642629.	400. 2.9	0. 44.	30.	
3	"	AG194357.642629.194253.642616.	400. 2.9	0. 44.	30.	
4	"	AG194253.642616.194021.642603.	400. 2.9	0. 44.	30.	
5	"	AG194021.642603.193934.642580.	400. 2.9	0. 44.	30.	
6	"	AG193934.642580.193864.642544.	400. 2.9	0. 44.	30.	
7	"	AG193864.642544.193815.642500.	400. 2.9	0. 44.	30.	
8	"	AG193815.642500.193723.642340.	400. 2.9	0. 44.	30.	
9	" THRU T&L	AG193723.642340.193621.642288.	175. 2.9	0. 32.	30.	
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1		
	75	51 2.0 175 32.2 1338 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	250. 2.9	0. 32.	30.	
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1		
	75	51 2.0 250 32.2 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	100. 2.9	0. 32.	30.	
14	"	AG193240.641950.192860.641671.	100. 2.9	0. 32.	30.	
15	NB BIGGS RD	AG192865.641660.193652.642232.	100. 2.9	0. 44.	30.	
16	"	AG193624.642212.193557.642163.	0. 24.	2		
	75	51 2.0 100 32.2 1302 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	600. 2.9	0. 32.	30.	
18	SB 15 ON	RAG193722.642281.193797.642421.	600. 2.9	0. 32.	30.	
19	SB 15 ON	RAG193797.642421.193846.642502.	600. 2.9	0. 32.	30.	
20	SB 15 ON	RAG193846.642502.193887.642529.	600. 2.9	0. 32.	30.	
21	SB 15 ON	RAG193887.642529.193931.642541.	600. 2.9	0. 32.	30.	
22	SB 15 ON	RAG193931.642541.193988.642534.	600. 2.9	0. 32.	30.	
23	SB 15 ON	RAG193988.642534.194035.642505.	600. 2.9	0. 32.	30.	
24	SB 15 ON	RAG194035.642505.194069.642470.	600. 2.9	0. 32.	30.	
25	SB 15 ON	RAG194069.642470.194085.642414.	600. 2.9	0. 32.	30.	
26	SB 15 ON	RAG194085.642414.194077.642344.	600. 2.9	0. 32.	30.	
27	SB 15 ON	RAG194077.642344.194048.642294.	600. 2.9	0. 32.	30.	
28	SB 15 ON	RAG194048.642294.193964.642209.	600. 2.9	0. 32.	30.	
29	EB 7TH ST	AG193214.642839.193639.642234.	825. 2.9	0. 44.	30.	
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2		
	75	42 2.0 825 32.2 1805 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	725. 2.9	0. 44.	30.	
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2		
	60	16 2.0 725 32.2 934 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	950. 2.9	0. 44.	30.	
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2		
	60	16 2.0 950 32.2 1693 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	750. 2.9	0. 44.	30.	
36	WB 7TH ST	AG193658.642238.193370.642645.	750. 2.9	0. 44.	30.	
37	WB 7TH ST	AG193370.642645.193228.642853.	750. 2.9	0. 44.	30.	
38	SB 15	AG194552.642678.194349.642493.	2900. 4.0	0. 44.	56.	

[illegible]

JOB: US 15 Ramps at 7th ST NB15P
DATE: 01/22/2007 TIME: 14:10:16.77

RUN: US 15 RAMPS AND 7TH NB15 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	400.	2.9	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	400.	2.9	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	400.	2.9	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	400.	2.9	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	400.	2.9	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	400.	2.9	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	400.	2.9	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	400.	2.9	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	175.	2.9	.0	32.0		
10. 10	" THRU T&L	* 193639.0	642298.0	193682.7	642319.8	*	49.	63. AG	59.	100.0	.0	12.0	.49	2.5
11. 11	" QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	250.	2.9	.0	32.0		
12. 12	" RIGHT	* 193665.0	642264.0	193707.2	642319.5	*	70.	37. AG	59.	100.0	.0	12.0	.59	3.5
13. 13	" QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	100.	2.9	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	100.	2.9	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	100.	2.9	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193612.8	642203.8	*	14.	234. AG	117.	100.0	.0	24.0	.14	.7
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	600.	2.9	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	600.	2.9	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	600.	2.9	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	600.	2.9	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	600.	2.9	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	600.	2.9	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	600.	2.9	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	600.	2.9	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	600.	2.9	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	600.	2.9	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	600.	2.9	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	600.	2.9	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	825.	2.9	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193564.5	642341.3	*	95.	325. AG	97.	100.0	.0	24.0	.59	4.8
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	725.	2.9	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193964.3	641751.3	*	32.	326. AG	46.	100.0	.0	24.0	.58	1.6
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	950.	2.9	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193719.3	642141.9	*	42.	148. AG	46.	100.0	.0	24.0	.42	2.1
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	750.	2.9	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	750.	2.9	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	750.	2.9	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	2900.	4.0	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	2900.	4.0	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	2900.	4.0	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3100.	4.0	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3100.	4.0	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	3250.	4.0	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	3250.	4.0	.0	44.0		

JOB: US 15 Ramps at 7th ST NB15P
DATE: 01/22/2007 TIME: 14:10:16.77

RUN: US 15 RAMPS AND 7TH NB15 PM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	3575.	3.9	.0	44.0		
46. 46	NB 1270	* 193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	3575.	3.9	.0	44.0		
47. 47	NB 1270	* 194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	3575.	3.9	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	275.	2.9	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	275.	2.9	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	275.	2.9	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	275.	2.9	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	275.	2.9	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	275.	2.9	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	275.	2.9	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	275.	2.9	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	275.	2.9	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	275.	2.9	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	200.	3.8	.0	32.0		
59. 59	nbofrmlt	* 194040.0	641745.0	194078.0	641770.7	*	46.	56. AG	60.	100.0	.0	12.0	.48	2.3
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	75.	2.9	.0	32.0		
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	75.	2.9	.0	32.0		
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	75.	2.9	.0	32.0		
63. 63	nbofrmlt	* 193976.0	641810.0	193992.3	641804.6	*	17.	108. AG	60.	100.0	.0	12.0	.20	.9
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	950.	2.9	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	950.	2.9	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	950.	2.9	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	675.	2.9	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194033.6	641674.6	*	29.	146. AG	46.	100.0	.0	24.0	.30	1.5
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	675.	2.9	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	275.	2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194059.8	641685.1	*	24.	185. AG	23.	100.0	.0	12.0	.24	1.2
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	600.	2.9	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	600.	2.9	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	600.	2.9	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	600.	2.9	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	600.	2.9	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	600.	2.9	.0	32.0		
78. 78	EB 7TH STR	* 194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	725.	2.9	.0	32.0		
79. 79	EB 7TH STR	* 194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	725.	2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST NB15P
DATE: 01/22/2007 TIME: 14:10:16.77

RUN: US 15 RAMP AND 7TH NB15 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	75	51	2.0	175	1338	32.20	1	3
12. 12 " QUEUE RIGHT	75	51	2.0	250	1583	32.20	1	3
16. 16 " "	75	51	2.0	100	1302	32.20	1	3
30. 30 EB 7TH THR	75	42	2.0	825	1805	32.20	1	3
32. 32 EB 7th Q	60	16	2.0	725	934	32.20	1	3
34. 34 WB 7TH THR	60	16	2.0	950	1693	32.20	1	3
59. 59 nbofrmlpt	60	42	2.0	200	1770	32.20	1	3
63. 63 nbofrmlpt	60	42	2.0	75	1583	32.20	1	3
68. 68 WB 7 TQ	60	16	2.0	675	1693	32.20	1	3
71. 71 WB 7TH RIGHT Q	60	16	2.0	275	1693	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMP AND 7TH NB15 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
5.	.0	.0	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
10.	.0	.0	.1	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.0	.0
15.	.0	.0	.1	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.0	.0
20.	.0	.0	.1	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.1	.0	.0
25.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
30.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
35.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
40.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0
45.	.0	.0	.0	.1	.3	.3	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.2	.1	.0	.0
50.	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.2	.0	.0	.0
55.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.2	.0	.0	.0
60.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
65.	.0	.1	.1	.2	.6	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
70.	.1	.2	.2	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.1	.1	.1	.0
75.	.1	.3	.2	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.2	.2	.1
80.	.2	.2	.3	.3	.5	.2	.0	.0	.1	.1	.0	.0	.0	.2	.2	.6	.3	.2	.1	.1
85.	.3	.2	.2	.4	.5	.2	.0	.0	.1	.3	.0	.0	.0	.2	.2	.6	.3	.2	.2	.1
90.	.2	.1	.2	.3	.6	.2	.0	.1	.2	.3	.1	.0	.0	.2	.3	.7	.3	.2	.2	.2
95.	.2	.1	.1	.3	.6	.2	.1	.1	.2	.3	.2	.0	.0	.2	.4	.7	.2	.2	.1	.2
100.	.2	.2	.1	.4	.5	.2	.1	.2	.2	.4	.2	.1	.0	.2	.4	.6	.2	.1	.1	.2
105.	.2	.2	.1	.4	.5	.1	.1	.2	.2	.3	.2	.1	.0	.2	.3	.6	.2	.1	.1	.2
110.	.2	.2	.2	.4	.5	.1	.1	.2	.2	.3	.1	.1	.0	.2	.4	.6	.1	.1	.2	.2
115.	.2	.2	.2	.4	.6	.1	.1	.2	.2	.4	.1	.1	.0	.2	.3	.6	.2	.1	.2	.2
120.	.2	.2	.2	.3	.5	.1	.2	.2	.1	.3	.0	.0	.0	.2	.4	.6	.2	.2	.2	.2
125.	.2	.2	.2	.3	.5	.1	.2	.2	.1	.3	.1	.0	.0	.2	.4	.4	.3	.2	.2	.2
130.	.2	.2	.2	.3	.4	.1	.2	.2	.2	.3	.1	.0	.0	.2	.4	.4	.3	.2	.2	.2
135.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.3	.3	.4	.2	.2	.2
140.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.3	.4	.4	.2	.2	.2
145.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.2	.2	.2	.1	.1	.4	.4	.4	.2	.2	.2
150.	.2	.2	.2	.2	.4	.1	.2	.1	.1	.3	.3	.3	.2	.1	.4	.2	.3	.2	.2	.2
155.	.2	.2	.2	.2	.3	.0	.2	.1	.1	.5	.4	.4	.2	.1	.1	.2	.3	.2	.2	.2
160.	.2	.2	.2	.2	.3	.0	.2	.1	.2	.5	.4	.4	.2	.0	.1	.1	.3	.2	.2	.1
165.	.2	.2	.2	.2	.3	.0	.1	.1	.2	.4	.4	.4	.2	.0	.1	.1	.3	.2	.2	.2
170.	.2	.2	.2	.2	.3	.0	.0	.2	.2	.4	.4	.4	.2	.0	.2	.2	.1	.2	.2	.2
175.	.2	.2	.2	.3	.2	.0	.0	.3	.2	.2	.5	.4	.2	.0	.2	.2	.2	.2	.2	.1
180.	.3	.2	.2	.2	.2	.0	.1	.3	.2	.3	.6	.4	.2	.0	.2	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.3	.0	.1	.3	.3	.5	.6	.3	.2	.0	.1	.2	.2	.2	.2	.2
190.	.2	.2	.2	.2	.3	.0	.1	.3	.2	.5	.6	.3	.2	.0	.1	.2	.2	.2	.1	.2
195.	.2	.3	.2	.2	.3	.0	.2	.1	.3	.5	.5	.2	.2	.0	.0	.1	.2	.2	.2	.2

200. * .2 .2 .2 .2 .3 .0 .1 .2 .3 .4 .5 .2 .2 .0 .0 .1 .1 .2 .2 .2
 205. * .2 .2 .2 .2 .3 .0 .1 .1 .2 .4 .3 .2 .2 .0 .0 .0 .1 .2 .2 .2
 1

S35NB15P.OUT

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20	
210.	*	.2	.3	.2	.2	.3	.0	.0	.1	.2	.5	.3	.2	.2	.0	.0	.0	.2	.2	.2	.1
215.	*	.1	.2	.3	.2	.4	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.1	.1	.0
220.	*	.1	.1	.1	.2	.4	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.3	.0	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.1	.0	.2	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0
320.	*	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
325.	*	.0	.0	.0	.4	.0	.3	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
330.	*	.0	.0	.0	.4	.3	.3	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.2	.0	.0	.0
335.	*	.0	.0	.0	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0
340.	*	.0	.0	.0	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
345.	*	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.0	.0	.0
350.	*	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.0	.0	.0
355.	*	.0	.0	.0	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.0	.0	.0
360.	*	.0	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
MAX	*	.3	.3	.3	.5	.6	.5	.2	.3	.3	.5	.6	.4	.2	.2	.4	.7	.4	.2	.2	.2
DEGR.	*	85	75	80	335	65	0	120	175	185	155	180	155	150	5	95	90	0	75	75	90

1

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.1
20.	*	.1
25.	*	.1
30.	*	.1
35.	*	.0
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.0
60.	*	.2
65.	*	.3
70.	*	.3
75.	*	.2
80.	*	.3
85.	*	.3
90.	*	.3
95.	*	.3
100.	*	.3
105.	*	.3
110.	*	.2
115.	*	.2
120.	*	.2
125.	*	.3
130.	*	.3
135.	*	.3
140.	*	.2
145.	*	.2
150.	*	.3
155.	*	.3
160.	*	.3
165.	*	.3
170.	*	.3
175.	*	.3
180.	*	.3
185.	*	.3
190.	*	.3
195.	*	.3
200.	*	.3
205.	*	.4

1

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMPS AND 7TH NB15 PM

WIND ANGLE RANGE: 0.-360.

```
WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
*
```

210.	*	.4	.0
215.	*	.3	.0
220.	*	.3	.0
225.	*	.3	.0
230.	*	.1	.0
235.	*	.0	.0
240.	*	.0	.0
245.	*	.0	.0
250.	*	.0	.0
255.	*	.0	.0
260.	*	.0	.0
265.	*	.0	.0
270.	*	.0	.1
275.	*	.0	.1
280.	*	.0	.2
285.	*	.0	.2
290.	*	.0	.2
295.	*	.0	.2
300.	*	.0	.2
305.	*	.0	.2
310.	*	.0	.2
315.	*	.0	.2
320.	*	.0	.2
325.	*	.0	.1
330.	*	.0	.1
335.	*	.0	.2
340.	*	.0	.2
345.	*	.0	.2
350.	*	.0	.2
355.	*	.0	.2
360.	*	.0	.2

MAX	*	.4	.2
DEGR.	*	205	0

THE HIGHEST CONCENTRATION IS .70 PPM AT 90 DEGREES FROM REC16.
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 180 DEGREES FROM REC11.

1

JOB: US 15 Ramps at 7th ST NB15P
DATE: 01/22/2007 TIME: 14:10:16.77

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK ANGLE (PPM) (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		85	75	80	335	65	0	120	175	185	155	180	155	150	5	95	90	0	75	75	90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	
30	*	.																			

1

S35NB15P.OUT

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 75	REC3 80	REC4 335	REC5 65	REC6 0	REC7 120	REC8 175	REC9 185	REC10 155	REC11 180	REC12 155	REC13 150	REC14 5	REC15 95	REC16 90	REC17 0	REC18 75	REC19 75	REC20 90
46	*	.0	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST NB15P
DATE: 01/22/2007 TIME: 14:10:16.77

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 205	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.2	.1
42	*	.0	.0
43	*	.1	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST NB15P

RUN: US 15 RAMPS AND 7TH NB15 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	205 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B115A.DAT

US 15	Ramps at 7th ST	B115A	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B115 AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	650. 2.9	0. 44.	30.	
2	"	AG194458.642659.194357.642629.	650. 2.9	0. 44.	30.	
3	"	AG194357.642629.194253.642616.	650. 2.9	0. 44.	30.	
4	"	AG194253.642616.194021.642603.	650. 2.9	0. 44.	30.	
5	"	AG194021.642603.193934.642580.	650. 2.9	0. 44.	30.	
6	"	AG193934.642580.193864.642544.	650. 2.9	0. 44.	30.	
7	"	AG193864.642544.193815.642500.	650. 2.9	0. 44.	30.	
8	"	AG193815.642500.193723.642340.	650. 2.9	0. 44.	30.	
9	" THRU T&L	AG193723.642340.193621.642288.	150. 2.9	0. 32.	30.	
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1		
	65 41	2.0 150 32.2 1383 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	525. 2.9	0. 32.	30.	
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1		
	65 41	2.0 525 32.2 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	75. 2.9	0. 32.	30.	
14	"	AG193240.641950.192860.641671.	75. 2.9	0. 32.	30.	
15	NB BIGGS RD	AG192865.641660.193652.642232.	75. 2.9	0. 44.	30.	
16	"	AG193624.642212.193557.642163.	0. 24.	2		
	65 41	2.0 75 32.2 1380 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	350. 2.9	0. 32.	30.	
18	SB 15 ON	RAG193722.642281.193797.642421.	350. 2.9	0. 32.	30.	
19	SB 15 ON	RAG193797.642421.193846.642502.	350. 2.9	0. 32.	30.	
20	SB 15 ON	RAG193846.642502.193887.642529.	350. 2.9	0. 32.	30.	
21	SB 15 ON	RAG193887.642529.193931.642541.	350. 2.9	0. 32.	30.	
22	SB 15 ON	RAG193931.642541.193988.642534.	350. 2.9	0. 32.	30.	
23	SB 15 ON	RAG193988.642534.194035.642505.	350. 2.9	0. 32.	30.	
24	SB 15 ON	RAG194035.642505.194069.642470.	350. 2.9	0. 32.	30.	
25	SB 15 ON	RAG194069.642470.194085.642414.	350. 2.9	0. 32.	30.	
26	SB 15 ON	RAG194085.642414.194077.642344.	350. 2.9	0. 32.	30.	
27	SB 15 ON	RAG194077.642344.194048.642294.	350. 2.9	0. 32.	30.	
28	SB 15 ON	RAG194048.642294.193964.642209.	350. 2.9	0. 32.	30.	
29	EB 7TH ST	AG193214.642839.193639.642234.	325. 2.9	0. 44.	30.	
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2		
	65 46	2.0 325 32.2 1801 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	350. 2.9	0. 44.	30.	
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2		
	45 17	2.0 350 32.2 1446 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	675. 2.9	0. 44.	30.	
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2		
	45 17	2.0 675 32.2 1730 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	875. 2.9	0. 44.	30.	
36	WB 7TH ST	AG193658.642238.193370.642645.	875. 2.9	0. 44.	30.	
37	WB 7TH ST	AG193370.642645.193228.642853.	875. 2.9	0. 44.	30.	
38	SB 15	AG194552.642678.194349.642493.	3800. 4.2	0. 44.	59.	

39	1	SB 15	AG194349.642493.193973.642204.	3800.	4.2	0.	44.	59.
40	1	SB 15	AG193973.642204.193646.641977.	3800.	4.2	0.	44.	59.
41	1	SB I5	AG193646.641977.193301.641716.	3800.	4.2	0.	44.	59.
42	1	SB I5	AG193301.641716.192964.641469.	3800.	4.2	0.	44.	59.
43	1	NB I5	AG193003.641416.193391.641696.	2050.	4.2	0.	44.	59.
44	1	NB I5	AG193391.641696.193866.642041.	2050.	4.2	0.	44.	59.
45	1	NB I5	AG193866.642041.193972.642114.	2050.	4.2	0.	44.	59.
46	1	NB I270	AG193972.642114.194335.642396.	2050.	4.2	0.	44.	59.
47	1	NB I270	AG194335.642396.194598.642624.	2050.	4.2	0.	44.	59.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	600.	2.9	0.	32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	600.	2.9	0.	32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	600.	2.9	0.	32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	600.	2.9	0.	32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	600.	2.9	0.	32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	600.	2.9	0.	32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	600.	2.9	0.	32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	600.	2.9	0.	32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	600.	2.9	0.	32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	600.	2.9	0.	32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	300.	2.9	0.	32.	30.
59	45	nbofrmp1t	AG194040.641745.194074.641768. 26 2.0 300 32.2 1770 1 3	0.	12.	1		
60	1	NB270ofrmp	AG194130.641806.193990.641711.	300.	2.9	0.	32.	30.
61	1	NB270ofrmp	AG194130.641806.194040.641788.	300.	2.9	0.	32.	30.
62	1	NB270ofrmp	AG194040.641788.193969.641812.	300.	2.9	0.	32.	30.
63	2	nbofrmp1t	AG193976.641810.194033.641791. 45 26 2.0 300 32.2 1583 1 3	0.	12.	1		
64	1	WB 7th Str	AG193969.641812.193928.641844.	675.	2.9	0.	44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	675.	2.9	0.	44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	675.	2.9	0.	44.	30.
67	1	WB 7th St	AG194056.641641.194003.641720.	575.	2.9	0.	44.	30.
68	2	WB 7 TQ	AG194017.641699.194051.641649. 45 17 2.0 575 32.2 1730 1 3	0.	24.	2		
69	1	WB 7TH THRU	AG194003.641720.193928.641844.	575.	2.9	0.	32.	30.
70	1	WB 7TH RIGHT	AG194056.641641.194063.641724.	100.	2.9	0.	32.	30.
71	2	WB 7TH RIGHT Q	AG194062.641709.194057.641655. 45 17 2.0 100 32.2 1730 1 3	0.	12.	1		
72	1	NB 270 ONR	AG194063.641724.194399.641958.	150.	2.9	0.	32.	30.
73	1	NB 270 ONR	AG194399.641958.194473.642025.	150.	2.9	0.	32.	30.
74	1	NB 270 ONR	AG194473.642025.194525.642103.	150.	2.9	0.	32.	30.
75	1	NB 270 ONR	AG194525.642103.194564.642207.	150.	2.9	0.	32.	30.
76	1	NB 270 ONR	AG194564.642207.194607.642463.	150.	2.9	0.	32.	30.
77	1	NB 270 ONR	AG194607.642463.194637.642565.	150.	2.9	0.	32.	30.
78	1	EB 7TH STR	AG194010.641684.194223.641375.	600.	2.9	0.	32.	30.
79	1	EB 7TH STR	AG194223.641375.194360.641206. 1.0000.4 1000. 0.0Y 5 0 72	600.	2.9	0.	32.	30.

JOB: US 15 Ramps at 7th ST B115A
DATE: 01/22/2007 TIME: 13:59:12.28

RUN: US 15 RAMPS AND 7TH B115 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	650.	2.9	.0	44.0		
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	650.	2.9	.0	44.0		
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	650.	2.9	.0	44.0		
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	650.	2.9	.0	44.0		
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	650.	2.9	.0	44.0		
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	650.	2.9	.0	44.0		
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	650.	2.9	.0	44.0		
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	650.	2.9	.0	44.0		
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	150.	2.9	.0	32.0		
10. 10	" THRU T&L	*	193639.0	642298.0	193669.1	642313.0	*	34.	63. AG	54.	100.0	.0	12.0	.35	1.7
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	525.	2.9	.0	32.0		
12. 12	" RIGHT	*	193665.0	642264.0	194033.3	642747.8	*	608.	37. AG	54.	100.0	.0	12.0	1.08	30.9
13. 13	SB BIGGS RD	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	75.	2.9	.0	32.0		
14. 14	"	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	75.	2.9	.0	32.0		
15. 15	NB BIGGS RD	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	75.	2.9	.0	44.0		
16. 16	"	*	193624.0	642212.0	193617.3	642207.1	*	8.	234. AG	109.	100.0	.0	24.0	.09	.4
17. 17	SB 15 ON R*	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	350.	2.9	.0	32.0		
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	350.	2.9	.0	32.0		
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	350.	2.9	.0	32.0		
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	350.	2.9	.0	32.0		
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	350.	2.9	.0	32.0		
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	350.	2.9	.0	32.0		
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	350.	2.9	.0	32.0		
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	350.	2.9	.0	32.0		
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	350.	2.9	.0	32.0		
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	350.	2.9	.0	32.0		
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	350.	2.9	.0	32.0		
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	350.	2.9	.0	32.0		
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	325.	2.9	.0	44.0		
30. 30	EB 7TH THR	*	193619.0	642264.0	193595.5	642197.3	*	41.	325. AG	122.	100.0	.0	24.0	.39	2.1
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	350.	2.9	.0	44.0		
32. 32	EB 7th Q	*	193982.0	641725.0	193972.9	641738.5	*	16.	326. AG	65.	100.0	.0	24.0	.23	.8
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	675.	2.9	.0	44.0		
34. 34	WB 7TH THR	*	193697.0	642177.0	193713.8	642150.5	*	31.	148. AG	65.	100.0	.0	24.0	.37	1.6
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	875.	2.9	.0	44.0		
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	875.	2.9	.0	44.0		
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	875.	2.9	.0	44.0		
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	3800.	4.2	.0	44.0		
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	3800.	4.2	.0	44.0		
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	3800.	4.2	.0	44.0		
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3800.	4.2	.0	44.0		
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3800.	4.2	.0	44.0		
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	2050.	4.2	.0	44.0		
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	2050.	4.2	.0	44.0		

JOB: US 15 Ramps at 7th ST B115A
DATE: 01/22/2007 TIME: 13:59:12.28

RUN: US 15 RAMPS AND 7TH B115 AM

LINK VARIABLES

LINK DESCRIPTION			LINK COORDINATES (FT)				LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
			X1	Y1	X2	Y2	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45. 45	NB 15	*	193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	2050.	4.2	.0	44.0	
46. 46	NB 1270	*	193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	2050.	4.2	.0	44.0	
47. 47	NB 1270	*	194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	2050.	4.2	.0	44.0	
48. 48	NB15 RAMP	*	193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	600.	2.9	.0	32.0	
49. 49	NB15 OFF R*	*	194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	600.	2.9	.0	32.0	
50. 50	NB15 OFF R*	*	194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	600.	2.9	.0	32.0	
51. 51	NB15 OFF R*	*	194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	600.	2.9	.0	32.0	
52. 52	NB15 OFF R*	*	194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	600.	2.9	.0	32.0	
53. 53	NB15 OFF R*	*	194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	600.	2.9	.0	32.0	
54. 54	NB15 OFF R*	*	194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	600.	2.9	.0	32.0	
55. 55	NB15 OFF R*	*	194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	600.	2.9	.0	32.0	
56. 56	NB15 OFF R*	*	194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	600.	2.9	.0	32.0	
57. 57	NB15 OFF R*	*	194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	600.	2.9	.0	32.0	
58. 58	NB15 OFF R*	*	194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	300.	2.9	.0	32.0	
59. 59	nbofrmp1t	*	194040.0	641745.0	194075.3	641768.9	*	43.	56. AG	50. 100.0	.0	12.0	.51	2.2
60. 60	NB270ofrmp	*	194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	300.	2.9	.0	32.0	
61. 61	NB270ofrmp	*	194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	300.	2.9	.0	32.0	
62. 62	NB270ofrmp	*	194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	300.	2.9	.0	32.0	
63. 63	nbofrmp1t	*	193976.0	641810.0	194016.5	641796.5	*	43.	108. AG	50. 100.0	.0	12.0	.57	2.2
64. 64	WB 7th Str	*	193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	675. 2.9	.0	44.0		
65. 65	WB 7th Str	*	194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	675. 2.9	.0	44.0		
66. 66	WB 7th Str	*	194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	675. 2.9	.0	44.0		
67. 67	WB 7th St	*	194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	575. 2.9	.0	44.0		
68. 68	WB 7 TQ	*	194017.0	641699.0	194032.0	641677.0	*	27.	146. AG	65. 100.0	.0	24.0	.31	1.4
69. 69	WB 7TH THRU	*	194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	575. 2.9	.0	32.0		
70. 70	WB 7TH RIGHT	*	194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	100. 2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q	*	194062.0	641709.0	194061.1	641699.7	*	9.	185. AG	33. 100.0	.0	12.0	.26	.5
72. 72	NB 270 ONR*	*	194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	150. 2.9	.0	32.0		
73. 73	NB 270 ONR*	*	194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	150. 2.9	.0	32.0		
74. 74	NB 270 ONR*	*	194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	150. 2.9	.0	32.0		
75. 75	NB 270 ONR*	*	194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	150. 2.9	.0	32.0		
76. 76	NB 270 ONR*	*	194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	150. 2.9	.0	32.0		
77. 77	NB 270 ONR*	*	194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	150. 2.9	.0	32.0		
78. 78	EB 7TH STR*	*	194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	600. 2.9	.0	32.0		
79. 79	EB 7TH STR*	*	194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	600. 2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST B115A
DATE: 01/22/2007 TIME: 13:59:12.28

RUN: US 15 RAMP AND 7TH B115 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	65	41	2.0	150	1383	32.20	1	3
12. 12 " QUEUE RIGHT	65	41	2.0	525	1583	32.20	1	3
16. 16 " "	65	41	2.0	75	1380	32.20	1	3
30. 30 EB 7TH THR	65	46	2.0	325	1801	32.20	1	3
32. 32 EB 7th Q	45	17	2.0	350	1446	32.20	1	3
34. 34 WB 7TH THR	45	17	2.0	675	1730	32.20	1	3
59. 59 nbofrmlpt	45	26	2.0	300	1770	32.20	1	3
63. 63 nbofrmlpt	45	26	2.0	300	1583	32.20	1	3
68. 68 WB 7 TQ	45	17	2.0	575	1730	32.20	1	3
71. 71 WB 7TH RIGHT Q	45	17	2.0	100	730	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMP AND 7TH B115 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.2	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
5.	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
10.	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
15.	.0	.0	.0	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0
20.	.0	.0	.0	.1	.3	.4	.4	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0	.0
25.	.0	.0	.0	.1	.3	.2	.4	.1	.1	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0	.0
30.	.0	.0	.1	.1	.2	.2	.5	.1	.2	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0	.0
35.	.0	.0	.1	.1	.2	.2	.5	.2	.2	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0	.0
40.	.0	.0	.1	.1	.2	.2	.5	.2	.2	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0	.0
45.	.0	.0	.1	.1	.2	.2	.5	.2	.3	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0	.0
50.	.0	.0	.0	.1	.3	.0	.5	.2	.3	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0	.0
55.	.0	.0	.0	.1	.3	.0	.4	.2	.3	.1	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0
60.	.0	.1	.1	.2	.2	.0	.4	.2	.3	.1	.0	.0	.0	.1	.1	.2	.3	.0	.0	.0	.0
65.	.2	.1	.1	.2	.3	.0	.3	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.1	.1	.0	.0
70.	.1	.2	.1	.2	.4	.0	.3	.2	.2	.1	.1	.0	.0	.1	.1	.2	.3	.1	.1	.2	.2
75.	.1	.2	.2	.2	.4	.0	.3	.2	.3	.2	.1	.0	.0	.1	.1	.3	.2	.1	.1	.1	.1
80.	.2	.2	.2	.4	.5	.0	.3	.2	.3	.2	.1	.0	.0	.1	.1	.3	.1	.1	.2	.1	.1
85.	.2	.1	.2	.4	.5	.0	.4	.3	.3	.2	.1	.0	.0	.1	.2	.2	.1	.2	.2	.1	.1
90.	.3	.2	.1	.4	.3	.0	.4	.3	.3	.2	.1	.1	.0	.1	.2	.2	.1	.2	.1	.2	.2
95.	.2	.2	.1	.2	.3	.0	.4	.3	.3	.3	.1	.1	.0	.1	.2	.3	.2	.1	.1	.2	.2
100.	.2	.2	.2	.2	.4	.0	.3	.3	.3	.3	.1	.1	.0	.1	.2	.3	.1	.1	.1	.2	.2
105.	.2	.2	.2	.4	.4	.0	.3	.3	.4	.3	.1	.1	.0	.2	.2	.3	.1	.1	.1	.2	.2
110.	.2	.2	.2	.3	.3	.0	.3	.3	.4	.4	.1	.1	.0	.1	.1	.3	.1	.1	.1	.2	.2
115.	.2	.2	.2	.3	.3	.0	.4	.3	.3	.3	.0	.1	.0	.1	.2	.4	.2	.1	.1	.2	.2
120.	.2	.2	.2	.3	.4	.0	.4	.3	.3	.3	.1	.0	.0	.1	.2	.4	.2	.1	.2	.2	.2
125.	.2	.3	.2	.3	.5	.0	.4	.3	.3	.3	.1	.1	.0	.2	.2	.4	.2	.1	.2	.2	.2
130.	.2	.3	.2	.1	.5	.1	.4	.3	.3	.3	.1	.1	.1	.2	.3	.2	.2	.1	.2	.2	.2
135.	.2	.2	.2	.3	.4	.0	.4	.3	.3	.3	.1	.1	.1	.3	.3	.2	.1	.2	.3	.2	.2
140.	.2	.2	.2	.3	.3	.0	.4	.3	.3	.3	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2
145.	.2	.2	.2	.3	.3	.0	.4	.3	.3	.2	.2	.2	.2	.2	.1	.2	.3	.2	.2	.1	.1
150.	.2	.2	.3	.2	.3	.0	.4	.3	.2	.2	.2	.2	.2	.1	.0	.1	.2	.3	.2	.1	.1
155.	.1	.2	.3	.2	.3	.0	.4	.3	.2	.4	.3	.2	.1	.0	.1	.1	.2	.3	.2	.1	.1
160.	.1	.2	.2	.2	.3	.0	.4	.3	.2	.3	.3	.2	.1	.0	.0	.1	.2	.2	.2	.1	.1
165.	.1	.2	.2	.2	.3	.0	.4	.3	.2	.3	.3	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1
170.	.1	.3	.2	.3	.3	.0	.4	.3	.2	.3	.3	.1	.1	.1	.1	.1	.3	.2	.2	.1	.1
175.	.2	.3	.2	.3	.3	.0	.4	.3	.2	.3	.3	.2	.1	.1	.1	.1	.2	.2	.2	.3	.3
180.	.3	.3	.3	.3	.3	.0	.5	.3	.3	.4	.3	.2	.1	.0	.1	.1	.2	.2	.1	.2	.2
185.	.3	.3	.3	.2	.4	.0	.5	.3	.3	.3	.3	.2	.1	.0	.1	.1	.2	.1	.1	.2	.2
190.	.2	.2	.3	.2	.3	.0	.5	.3	.4	.3	.2	.2	.1	.0	.1	.1	.1	.1	.1	.2	.2
195.	.2	.1	.2	.3	.3	.0	.6	.4	.2	.3	.2	.2	.2	.1	.0	.1	.1	.1	.1	.1	.2

200. * .2 .1 .1 .3 .4 .0 .6 .3 .2 S35B115A.OUT .4 .2 .1 .1 .0 .0 .1 .1 .1 .2 .1
 205. * .1 .2 .1 .2 .4 .0 .7 .3 .2 .4 .2 .1 .1 .0 .0 .1 .1 .2 .2 .1

1

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.2	.2	.1	.3	.0	.7	.3	.2	.4	.1	.1	.1	.0	.0	.1	.2	.2	.1	.1
215.	.1	.1	.2	.2	.3	.0	.6	.3	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1
220.	.1	.1	.1	.2	.3	.0	.6	.0	.0	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0
225.	.0	.1	.1	.1	.3	.0	.6	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.0	.5	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.1	.3	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.3	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.3	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.2	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.2	.1	.0	.0	.0	.0
335.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
340.	.0	.0	.0	.3	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
345.	.0	.0	.0	.3	.0	.4	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0
350.	.0	.0	.0	.3	.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
355.	.0	.0	.0	.3	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
360.	.0	.0	.0	.2	.1	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
MAX	.3	.3	.3	.4	.5	.4	.7	.4	.4	.4	.3	.2	.2	.3	.3	.4	.4	.3	.3	.3
DEGR.	90	125	150	80	80	15	205	195	105	110	155	145	140	135	130	115	20	150	135	175

1

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.2
20.	.0	.2
25.	.0	.2
30.	.0	.1
35.	.0	.0
40.	.0	.0
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.2	.0
65.	.2	.0
70.	.3	.0
75.	.3	.0
80.	.2	.0
85.	.2	.0
90.	.2	.0
95.	.3	.0
100.	.3	.0
105.	.3	.0
110.	.3	.0
115.	.3	.0
120.	.4	.0
125.	.3	.0
130.	.3	.0
135.	.3	.0
140.	.4	.0
145.	.3	.0
150.	.3	.0
155.	.3	.0
160.	.3	.0
165.	.3	.0
170.	.3	.0
175.	.3	.0
180.	.3	.0
185.	.3	.0
190.	.3	.0
195.	.3	.0
200.	.3	.0
205.	.3	.0

1

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMPS AND 7TH B115 AM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC21 REC22

210.	*	.3	.0
215.	*	.4	.0
220.	*	.3	.0
225.	*	.2	.0
230.	*	.2	.0
235.	*	.1	.0
240.	*	.0	.0
245.	*	.0	.0
250.	*	.0	.0
255.	*	.0	.0
260.	*	.0	.0
265.	*	.0	.0
270.	*	.0	.0
275.	*	.0	.1
280.	*	.0	.2
285.	*	.0	.2
290.	*	.0	.2
295.	*	.0	.2
300.	*	.0	.2
305.	*	.0	.2
310.	*	.0	.2
315.	*	.0	.2
320.	*	.0	.2
325.	*	.0	.2
330.	*	.0	.2
335.	*	.0	.1
340.	*	.0	.1
345.	*	.0	.1
350.	*	.0	.1
355.	*	.0	.2
360.	*	.0	.2

MAX * .4 .2
 DEGR * 120 0

THE HIGHEST CONCENTRATION IS .70 PPM AT 205 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 80 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 80 DEGREES FROM REC4 .

1

JOB: US 15 Ramps at 7th ST B115A
 DATE: 01/22/2007 TIME: 13:59:12.28

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 90	REC2 125	REC3 150	REC4 80	REC5 80	REC6 15	REC7 205	REC8 195	REC9 105	REC10 110	REC11 155	REC12 145	REC13 140	REC14 135	REC15 130	REC16 115	REC17 20	REC18 150	REC19 135	REC20 175
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.3	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
40	*	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
41	*	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
44	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	
45	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

S35B115A.OUT

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 90	REC2 125	REC3 150	REC4 80	REC5 80	REC6 15	REC7 205	REC8 195	REC9 105	REC10 110	REC11 155	REC12 145	REC13 140	REC14 135	REC15 130	REC16 115	REC17 20	REC18 150	REC19 135	REC20 175
46	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B115A
 DATE: 01/22/2007 TIME: 13:59:12.28

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 120	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.2	.0
41	*	.1	.1
42	*	.0	.0
43	*	.0	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST B115A

RUN: US 15 RAMPS AND 7TH B115 AM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	120 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B115P.DAT

US 15	Ramps at 7th ST	B115P	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B115 PM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	425. 2.9	0. 44.	30.	
2	"	AG194458.642659.194357.642629.	425. 2.9	0. 44.	30.	
3	"	AG194357.642629.194253.642616.	425. 2.9	0. 44.	30.	
4	"	AG194253.642616.194021.642603.	425. 2.9	0. 44.	30.	
5	"	AG194021.642603.193934.642580.	425. 2.9	0. 44.	30.	
6	"	AG193934.642580.193864.642544.	425. 2.9	0. 44.	30.	
7	"	AG193864.642544.193815.642500.	425. 2.9	0. 44.	30.	
8	"	AG193815.642500.193723.642340.	425. 2.9	0. 44.	30.	
9	" THRU T&L	AG193723.642340.193621.642288.	175. 2.9	0. 32.	30.	
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1		
	75	51 2.0 175 32.2 1338 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	275. 2.9	0. 32.	30.	
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1		
	75	51 2.0 275 32.2 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	100. 2.9	0. 32.	30.	
14	"	AG193240.641950.192860.641671.	100. 2.9	0. 32.	30.	
15	NB BIGGS RD	AG192865.641660.193652.642232.	100. 2.9	0. 44.	30.	
16	"	AG193624.642212.193557.642163.	0. 24.	2		
	75	51 2.0 100 32.2 1303 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	700. 2.9	0. 32.	30.	
18	SB 15 ON	RAG193722.642281.193797.642421.	700. 2.9	0. 32.	30.	
19	SB 15 ON	RAG193797.642421.193846.642502.	700. 2.9	0. 32.	30.	
20	SB 15 ON	RAG193846.642502.193887.642529.	700. 2.9	0. 32.	30.	
21	SB 15 ON	RAG193887.642529.193931.642541.	700. 2.9	0. 32.	30.	
22	SB 15 ON	RAG193931.642541.193988.642534.	700. 2.9	0. 32.	30.	
23	SB 15 ON	RAG193988.642534.194035.642505.	700. 2.9	0. 32.	30.	
24	SB 15 ON	RAG194035.642505.194069.642470.	700. 2.9	0. 32.	30.	
25	SB 15 ON	RAG194069.642470.194085.642414.	700. 2.9	0. 32.	30.	
26	SB 15 ON	RAG194085.642414.194077.642344.	700. 2.9	0. 32.	30.	
27	SB 15 ON	RAG194077.642344.194048.642294.	700. 2.9	0. 32.	30.	
28	SB 15 ON	RAG194048.642294.193964.642209.	700. 2.9	0. 32.	30.	
29	EB 7TH ST	AG193214.642839.193639.642234.	875. 2.9	0. 44.	30.	
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2		
	75	42 2.0 875 32.2 1805 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	750. 2.9	0. 44.	30.	
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2		
	60	17 2.0 750 32.2 947 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	1050. 2.9	0. 44.	30.	
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2		
	60	17 2.0 1050 32.2 1681 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	775. 2.9	0. 44.	30.	
36	WB 7TH ST	AG193658.642238.193370.642645.	775. 2.9	0. 44.	30.	
37	WB 7TH ST	AG193370.642645.193228.642853.	775. 2.9	0. 44.	30.	
38	SB 15	AG194552.642678.194349.642493.	2900. 4.2	0. 44.	59.	

[illegible]

JOB: US 15 Ramps at 7th ST B115P
DATE: 01/22/2007 TIME: 14:02:06.51

RUN: US 15 RAMPS AND 7TH B115 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	425.	2.9	.0	44.0		
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	425.	2.9	.0	44.0		
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	425.	2.9	.0	44.0		
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	425.	2.9	.0	44.0		
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	425.	2.9	.0	44.0		
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	425.	2.9	.0	44.0		
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	425.	2.9	.0	44.0		
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	425.	2.9	.0	44.0		
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	175.	2.9	.0	32.0		
10. 10	" THRU T&L	*	193639.0	642298.0	193682.7	642319.8	*	49.	63. AG	59.	100.0	.0	12.0	.49	2.5
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	275.	2.9	.0	32.0		
12. 12	" RIGHT	*	193665.0	642264.0	193711.5	642325.0	*	77.	37. AG	59.	100.0	.0	12.0	.65	3.9
13. 13	" QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	100.	2.9	.0	32.0		
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	100.	2.9	.0	32.0		
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	100.	2.9	.0	44.0		
16. 16	NB BIGGS RD	*	193624.0	642212.0	193612.8	642203.8	*	14.	234. AG	117.	100.0	.0	24.0	.14	.7
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	700.	2.9	.0	32.0		
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	700.	2.9	.0	32.0		
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	700.	2.9	.0	32.0		
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	700.	2.9	.0	32.0		
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	700.	2.9	.0	32.0		
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	700.	2.9	.0	32.0		
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	700.	2.9	.0	32.0		
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	700.	2.9	.0	32.0		
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	700.	2.9	.0	32.0		
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	700.	2.9	.0	32.0		
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	700.	2.9	.0	32.0		
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	700.	2.9	.0	32.0		
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	875.	2.9	.0	44.0		
30. 30	EB 7TH THR	*	193619.0	642264.0	193561.2	642364.0	*	100.	325. AG	97.	100.0	.0	24.0	.63	5.1
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	642184.0	*	663.	146. AG	750.	2.9	.0	44.0		
32. 32	EB 7th Q	*	193982.0	641725.0	193962.5	641753.9	*	35.	326. AG	49.	100.0	.0	24.0	.61	1.8
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	1050.	2.9	.0	44.0		
34. 34	WB 7TH THR	*	193697.0	642177.0	193723.1	642135.8	*	49.	148. AG	49.	100.0	.0	24.0	.48	2.5
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	775.	2.9	.0	44.0		
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	775.	2.9	.0	44.0		
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	775.	2.9	.0	44.0		
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	2900.	4.2	.0	44.0		
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	2900.	4.2	.0	44.0		
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	2900.	4.2	.0	44.0		
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	2900.	4.2	.0	44.0		
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	2900.	4.2	.0	44.0		
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	3475.	4.2	.0	44.0		
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	3475.	4.2	.0	44.0		

JOB: US 15 Ramps at 7th ST B115P
DATE: 01/22/2007 TIME: 14:02:06.51

RUN: US 15 RAMPS AND 7TH B115 PM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG (DEG)	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			*	X1	Y1	X2	Y2	*									
45. 45		NB 15	*	193866.0	642041.0	193972.0	642114.0	*	129.	55.	AG	3475.	4.2	.0	44.0		
46. 46		NB 1270	*	193972.0	642114.0	194335.0	642396.0	*	460.	52.	AG	3475.	4.2	.0	44.0		
47. 47		NB 1270	*	194335.0	642396.0	194598.0	642624.0	*	348.	49.	AG	3475.	4.2	.0	44.0		
48. 48		NB15 RAMP	*	193972.0	642114.0	194093.0	642182.0	*	139.	61.	AG	300.	2.9	.0	32.0		
49. 49		NB15 OFF R*	*	194093.0	642182.0	194176.0	642230.0	*	96.	60.	AG	300.	2.9	.0	32.0		
50. 50		NB15 OFF R*	*	194176.0	642230.0	194259.0	642250.0	*	85.	76.	AG	300.	2.9	.0	32.0		
51. 51		NB15 OFF R*	*	194259.0	642250.0	194320.0	642246.0	*	61.	94.	AG	300.	2.9	.0	32.0		
52. 52		NB15 OFF R*	*	194320.0	642246.0	194370.0	642224.0	*	55.	114.	AG	300.	2.9	.0	32.0		
53. 53		NB15 OFF R*	*	194370.0	642224.0	194416.0	642175.0	*	67.	137.	AG	300.	2.9	.0	32.0		
54. 54		NB15 OFF R*	*	194416.0	642175.0	194437.0	642118.0	*	61.	160.	AG	300.	2.9	.0	32.0		
55. 55		NB15 OFF R*	*	194437.0	642118.0	194432.0	642050.0	*	68.	184.	AG	300.	2.9	.0	32.0		
56. 56		NB15 OFF R*	*	194432.0	642050.0	194403.0	641993.0	*	64.	207.	AG	300.	2.9	.0	32.0		
57. 57		NB15 OFF R*	*	194403.0	641993.0	194335.0	641940.0	*	86.	232.	AG	300.	2.9	.0	32.0		
58. 58		NB15 OFF R*	*	194335.0	641940.0	194130.0	641806.0	*	245.	237.	AG	225.	2.9	.0	32.0		
59. 59		nbofrmp1t	*	194040.0	641745.0	194081.8	641773.3	*	50.	56.	AG	59.	100.0	.0	12.0	.51	2.6
60. 60		NB270ofrmp	*	194130.0	641806.0	193990.0	641711.0	*	169.	236.	AG	75.	2.9	.0	32.0		
61. 61		NB270ofrmp	*	194130.0	641806.0	194040.0	641788.0	*	92.	259.	AG	75.	2.9	.0	32.0		
62. 62		NB270ofrmp	*	194040.0	641788.0	193969.0	641812.0	*	75.	289.	AG	75.	2.9	.0	32.0		
63. 63		nbofrmp1t	*	193976.0	641810.0	193992.0	641804.7	*	17.	108.	AG	59.	100.0	.0	12.0	.19	.9
64. 64		WB 7th Str	*	193969.0	641812.0	193928.0	641844.0	*	52.	308.	AG	1050.	2.9	.0	44.0		
65. 65		WB 7th Str	*	194380.0	641219.0	194187.0	641464.0	*	312.	322.	AG	1050.	2.9	.0	44.0		
66. 66		WB 7th Str	*	194187.0	641464.0	194056.0	641641.0	*	220.	323.	AG	1050.	2.9	.0	44.0		
67. 67		WB 7th St	*	194056.0	641641.0	194003.0	641720.0	*	95.	326.	AG	700.	2.9	.0	44.0		
68. 68		WB 7 TQ	*	194017.0	641699.0	194035.3	641672.1	*	33.	146.	AG	49.	100.0	.0	24.0	.32	1.7
69. 69	WB 7TH THRU		*	194003.0	641720.0	193928.0	641844.0	*	145.	329.	AG	700.	2.9	.0	32.0		
70. 70	WB 7TH RIGHT		*	194056.0	641641.0	194063.0	641724.0	*	83.	5.	AG	350.	2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q		*	194062.0	641709.0	194059.0	641676.6	*	33.	185.	AG	24.	100.0	.0	12.0	.32	1.7
72. 72		NB 270 ONR*	*	194063.0	641724.0	194399.0	641958.0	*	409.	55.	AG	700.	2.9	.0	32.0		
73. 73		NB 270 ONR*	*	194399.0	641958.0	194473.0	642025.0	*	100.	48.	AG	700.	2.9	.0	32.0		
74. 74		NB 270 ONR*	*	194473.0	642025.0	194525.0	642103.0	*	94.	34.	AG	700.	2.9	.0	32.0		
75. 75		NB 270 ONR*	*	194525.0	642103.0	194564.0	642207.0	*	111.	21.	AG	700.	2.9	.0	32.0		
76. 76		NB 270 ONR*	*	194564.0	642207.0	194607.0	642463.0	*	260.	10.	AG	700.	2.9	.0	32.0		
77. 77		NB 270 ONR*	*	194607.0	642463.0	194637.0	642565.0	*	106.	16.	AG	700.	2.9	.0	32.0		
78. 78		EB 7TH STR*	*	194010.0	641684.0	194223.0	641375.0	*	375.	145.	AG	625.	2.9	.0	32.0		
79. 79		EB 7TH STR*	*	194223.0	641375.0	194360.0	641206.0	*	218.	141.	AG	625.	2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST B115P
DATE: 01/22/2007 TIME: 14:02:06.51

RUN: US 15 RAMP AND 7TH B115 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	75	51	2.0	175	1338	32.20	1	3
12. 12 " QUEUE RIGHT	75	51	2.0	275	1583	32.20	1	3
16. 16 " "	75	51	2.0	100	1303	32.20	1	3
30. 30 EB 7TH THR	75	42	2.0	875	1805	32.20	1	3
32. 32 EB 7th Q	60	17	2.0	750	947	32.20	1	3
34. 34 WB 7TH THR	60	17	2.0	1050	1681	32.20	1	3
59. 59 nbofrmlpt	60	41	2.0	225	1770	32.20	1	3
63. 63 nbofrmlpt	60	41	2.0	75	1583	32.20	1	3
68. 68 WB 7 TQ	60	17	2.0	700	1681	32.20	1	3
71. 71 WB 7TH RIGHT Q	60	17	2.0	350	1681	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMP AND 7TH B115 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
5.	.0	.0	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
10.	.0	.0	.1	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
15.	.0	.0	.1	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
20.	.0	.0	.1	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
25.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
30.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
35.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
40.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
45.	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.1	.0	.0
50.	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
55.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
60.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.4	.0	.0	.0
65.	.1	.1	.1	.2	.6	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
70.	.1	.2	.2	.3	.6	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.1	.1	.0
75.	.1	.3	.2	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.2	.2	.1
80.	.2	.2	.3	.3	.5	.2	.0	.0	.1	.1	.0	.0	.0	.2	.2	.6	.3	.2	.2	.1
85.	.3	.2	.2	.5	.5	.2	.0	.0	.1	.3	.1	.0	.0	.2	.2	.6	.3	.2	.2	.2
90.	.2	.1	.2	.4	.6	.2	.1	.1	.2	.3	.1	.0	.0	.2	.3	.7	.3	.2	.2	.2
95.	.2	.1	.2	.4	.6	.2	.1	.1	.2	.4	.2	.1	.0	.2	.4	.7	.3	.2	.1	.2
100.	.2	.2	.2	.5	.5	.2	.1	.2	.2	.4	.2	.2	.0	.2	.4	.6	.3	.1	.1	.2
105.	.2	.2	.1	.5	.5	.2	.1	.2	.2	.4	.2	.2	.0	.2	.4	.6	.2	.1	.2	.2
110.	.2	.2	.2	.5	.6	.1	.1	.2	.2	.3	.1	.1	.0	.2	.4	.7	.1	.1	.2	.2
115.	.2	.2	.2	.4	.6	.1	.1	.2	.2	.4	.1	.1	.0	.2	.3	.6	.2	.2	.2	.2
120.	.2	.2	.2	.5	.5	.1	.2	.2	.1	.3	.0	.0	.0	.2	.4	.6	.3	.2	.2	.2
125.	.2	.2	.2	.3	.5	.1	.2	.2	.2	.3	.1	.0	.0	.2	.5	.4	.3	.2	.2	.2
130.	.2	.2	.2	.3	.4	.1	.2	.2	.2	.3	.1	.1	.0	.2	.5	.4	.4	.2	.2	.2
135.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.4	.3	.4	.2	.2	.2
140.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.3	.4	.4	.2	.2	.2
145.	.2	.2	.2	.3	.4	.1	.2	.1	.2	.3	.2	.2	.2	.1	.4	.4	.4	.2	.2	.2
150.	.2	.2	.2	.2	.4	.1	.2	.1	.1	.3	.3	.4	.2	.1	.4	.2	.3	.2	.2	.2
155.	.2	.2	.2	.2	.3	.0	.2	.1	.1	.5	.4	.4	.2	.1	.1	.2	.3	.2	.2	.2
160.	.2	.2	.2	.2	.3	.0	.2	.1	.2	.5	.4	.4	.2	.0	.1	.1	.3	.2	.2	.1
165.	.2	.2	.2	.2	.3	.0	.2	.1	.2	.5	.5	.4	.2	.0	.1	.1	.3	.2	.2	.2
170.	.2	.2	.2	.2	.3	.0	.0	.3	.2	.4	.4	.4	.2	.0	.2	.2	.1	.2	.2	.2
175.	.2	.2	.2	.3	.3	.0	.0	.3	.2	.3	.5	.4	.2	.0	.2	.2	.2	.2	.2	.1
180.	.3	.2	.2	.2	.2	.0	.1	.3	.3	.2	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.3	.0	.1	.3	.3	.5	.6	.4	.2	.0	.2	.2	.2	.2	.2	.2
190.	.2	.2	.2	.2	.4	.0	.2	.3	.2	.5	.6	.3	.2	.0	.1	.2	.2	.2	.2	.2
195.	.2	.3	.2	.2	.4	.0	.2	.2	.3	.5	.5	.2	.2	.0	.0	.1	.2	.2	.2	.2

200. * .2 .2 .3 .2 .3 .0 .2 .3 .3 S35B115P.OUT .5 .5 .2 .2 .0 .0 .1 .2 .2 .2 .2
 205. * .2 .2 .2 .2 .3 .0 .2 .2 .3 .4 .4 .2 .2 .0 .0 .1 .2 .2 .2 .2 .2
 1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMPS AND 7TH B115 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	CONCENTRATION (PPM) REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.2	.3	.2	.3	.0	.1	.1	.2	.5	.3	.2	.2	.0	.0	.0	.2	.1	.2	.1
215.	*	.1	.2	.3	.2	.4	.0	.1	.0	.2	.4	.3	.2	.2	.0	.0	.0	.1	.2	.1
220.	*	.1	.2	.2	.2	.3	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0
225.	*	.0	.0	.0	.0	.2	.0	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0
285.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
290.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0
320.	*	.0	.0	.0	.1	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0
325.	*	.0	.0	.0	.4	.2	.4	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.0	.0
330.	*	.0	.0	.0	.4	.3	.4	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.2	.0	.0
335.	*	.0	.0	.0	.5	.3	.5	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.0	.0	.0
340.	*	.0	.0	.0	.4	.2	.5	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0
345.	*	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0
350.	*	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
355.	*	.0	.0	.0	.4	.2	.5	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
360.	*	.0	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
MAX	*	.3	.3	.3	.5	.6	.6	.2	.3	.3	.5	.6	.5	.3	.2	.5	.7	.4	.2	.2
DEGR.	*	85	75	80	85	65	20	120	170	180	155	180	180	290	5	125	90	0	75	75

1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMPS AND 7TH B115 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.1
20.	*	.1
25.	*	.1
30.	*	.1
35.	*	.1
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.1
60.	*	.3
65.	*	.3
70.	*	.3
75.	*	.3
80.	*	.4
85.	*	.4
90.	*	.4
95.	*	.3
100.	*	.3
105.	*	.3
110.	*	.3
115.	*	.2
120.	*	.2
125.	*	.3
130.	*	.3
135.	*	.3
140.	*	.2
145.	*	.2
150.	*	.3
155.	*	.3
160.	*	.3
165.	*	.3
170.	*	.3
175.	*	.3
180.	*	.3
185.	*	.3
190.	*	.3
195.	*	.3
200.	*	.3
205.	*	.4

1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMPS AND 7TH B115 PM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .4 .0
215. * .3 .0
220. * .3 .0
225. * .3 .0
230. * .1 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .1
275. * .0 .1
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .1
330. * .0 .1
335. * .0 .2
340. * .0 .2
345. * .0 .2
350. * .0 .2
355. * .0 .2
360. * .0 .2
-----*-----
MAX * .4 .2
DEGR * 80 0

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 90 DEGREES FROM REC16.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC6 .

1

JOB: US 15 Ramps at 7th ST B115P
 DATE: 01/22/2007 TIME: 14:02:06.51

RUN: US 15 RAMPS AND 7TH B115 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 85	REC2 75	REC3 80	REC4 85	REC5 65	REC6 20	REC7 120	REC8 170	REC9 180	REC10 155	REC11 180	REC12 180	REC13 290	REC14 5	REC15 125	REC16 90	REC17 0	REC18 75	REC19 75	REC20 85
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.3	.2	.0	.0	.0
31	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
40	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
41	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
45	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMPS AND 7TH B115 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 75	REC3 80	REC4 85	REC5 65	REC6 20	REC7 120	REC8 170	REC9 180	REC10 155	REC11 180	REC12 180	REC13 290	REC14 5	REC15 125	REC16 90	REC17 0	REC18 75	REC19 75	REC20 85
46	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B115P
DATE: 01/22/2007 TIME: 14:02:06.51

RUN: US 15 RAMPS AND 7TH B115 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 80	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.0	.1
45	*	.1	.0

1

JOB: US 15 Ramps at 7th ST B115P

RUN: US 15 RAMPS AND 7TH B115 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	80 0	
46	*	.1 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

		S35B215A			
US 15	Ramps at 7th ST	B215A	60.0175.0.0000.00	220.30480000	1 1
REC 1	400' SE CORNER	193303.	641955.	5.	
REC 2	164' SE CORNER	193495.	642095.	5.	
REC 3	82' SE CORNER	193560.	642142.	5.	
REC 4	SE CORNER	193632.	642182.	5.	
REC 5	82' ES CORNER	193681.	642126.	5.	
REC 6	400' ES CORNE	193861.	641863.	5.	
REC 7	400' NW CORNE	193909.	642588.	5.	
REC 8	164' NW CORNE	193754.	642433.	5.	
REC 9	82' NW CORNER	193714.	642367.	5.	
REC 10	NW CORNER	193633.	642321.	5.	
REC 11	82' WN CORNE	193592.	642378.	5.	
REC 12	164' WN CORN	193547.	642444.	5.	
REC 13	400' WN CORN	193402.	642637.	5.	
REC 14	400' WS CORN	193374.	642573.	5.	
REC 15	164' WS CORN	193511.	642376.	5.	
REC 16	82' WS CORNE	193554.	642313.	5.	
REC 17	SW CORNER	193594.	642244.	5.	
REC 18	82' SW CORNER	193535.	642189.	5.	
REC 19	164' SW CORNE	193470.	642142.	5.	
REC 20	400' SW CORNE	193275.	641999.	5.	
REC 21	RES. BIGGS	193562.	642047.	5.	
REC 22	BBALL FIELD	193480.	641424.	5.	
US 15	RAMPS AND 7TH	B215 AM	79	1	1
1	US15 SB OFF	AG194533.642697.194458.642659.	600.	2.9	0.44. 30.
2	"	AG194458.642659.194357.642629.	600.	2.9	0.44. 30.
3	"	AG194357.642629.194253.642616.	600.	2.9	0.44. 30.
4	"	AG194253.642616.194021.642603.	600.	2.9	0.44. 30.
5	"	AG194021.642603.193934.642580.	600.	2.9	0.44. 30.
6	"	AG193934.642580.193864.642544.	600.	2.9	0.44. 30.
7	"	AG193864.642544.193815.642500.	600.	2.9	0.44. 30.
8	"	AG193815.642500.193723.642340.	600.	2.9	0.44. 30.
9	" THRU T&L	AG193723.642340.193621.642288.	125.	2.9	0.32. 30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.	12.	1
	65 41	2.0 125 32.2 1418 1 3			
11	" RIGHT	AG193723.642340.193650.642244.	500.	2.9	0.32. 30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.	12.	1
	65 41	2.0 600 32.2 1583 1 3			
13	SB BIGGS RD	AG193650.642244.193240.641950.	75.	2.9	0.32. 30.
14	"	AG193240.641950.192860.641671.	75.	2.9	0.32. 30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	75.	2.9	0.44. 30.
16	"	AG193624.642212.193557.642163.	0.	24.	2
	65 41	2.0 75 32.2 1416 1 3			
17	SB 15 ON	RAG193652.642232.193722.642281.	350.	2.9	0.32. 30.
18	SB 15 ON	RAG193722.642281.193797.642421.	350.	2.9	0.32. 30.
19	SB 15 ON	RAG193797.642421.193846.642502.	350.	2.9	0.32. 30.
20	SB 15 ON	RAG193846.642502.193887.642529.	350.	2.9	0.32. 30.
21	SB 15 ON	RAG193887.642529.193931.642541.	350.	2.9	0.32. 30.
22	SB 15 ON	RAG193931.642541.193988.642534.	350.	2.9	0.32. 30.
23	SB 15 ON	RAG193988.642534.194035.642505.	350.	2.9	0.32. 30.
24	SB 15 ON	RAG194035.642505.194069.642470.	350.	2.9	0.32. 30.
25	SB 15 ON	RAG194069.642470.194085.642414.	350.	2.9	0.32. 30.
26	SB 15 ON	RAG194085.642414.194077.642344.	350.	2.9	0.32. 30.
27	SB 15 ON	RAG194077.642344.194048.642294.	350.	2.9	0.32. 30.
28	SB 15 ON	RAG194048.642294.193964.642209.	350.	2.9	0.32. 30.
29	EB 7TH ST	AG193214.642839.193639.642234.	325.	2.9	0.44. 30.
30	EB 7TH THRAG	193619.642264.193564.642342.	0.	24.	2
	65 46	2.0 325 32.2 1801 1 3			
31	EB 7TH ST	AG193639.642234.194010.641684.	325.	2.9	0.44. 30.
32	EB 7th Q	AG193982.641725.193639.642234.	0.	24.	2
	45 17	2.0 325 32.2 1437 1 3			
33	WB 7TH ST	AG193928.641844.193785.642040.	675.	2.9	0.44. 30.
34	WB 7TH THRAG	193697.642177.193742.642106.	0.	24.	2
	45 17	2.0 675 32.2 1730 1 3			
35	WB 7TH ST	AG193785.642040.193658.642238.	850.	2.9	0.44. 30.
36	WB 7TH ST	AG193658.642238.193370.642645.	850.	2.9	0.44. 30.
37	WB 7TH ST	AG193370.642645.193228.642853.	850.	2.9	0.44. 30.
38	SB 15	AG194552.642678.194349.642493.	3825.	4.2	0.44. 59.

[illegible]

JOB: US 15 Ramps at 7th ST B215A
DATE: 03/15/2007 TIME: 14:59:03.53

RUN: US 15 RAMPS AND 7TH B215 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	* 84.	243.	AG	600.	2.9	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	* 105.	253.	AG	600.	2.9	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	* 105.	263.	AG	600.	2.9	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	* 232.	267.	AG	600.	2.9	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	* 90.	255.	AG	600.	2.9	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	* 79.	243.	AG	600.	2.9	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	* 66.	228.	AG	600.	2.9	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	* 185.	210.	AG	600.	2.9	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	* 114.	243.	AG	125.	2.9	.0	32.0		
10. 10	THRU T&L	* 193639.0	642298.0	193664.1	642310.5	* 28.	63.	AG	54.	100.0	.0	12.0	.29	1.4
11. 11	QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	* 121.	217.	AG	500.	2.9	.0	32.0		
12. 12	RIGHT	* 193665.0	642264.0	194500.6	643361.8	* 1380.	37.	AG	54.	100.0	.0	12.0	1.23	70.1
13. 13	QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	* 505.	234.	AG	75.	2.9	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	* 471.	234.	AG	75.	2.9	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	* 973.	54.	AG	75.	2.9	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193617.3	642207.1	* 8.	234.	AG	109.	100.0	.0	24.0	.09	.4
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	* 85.	55.	AG	350.	2.9	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	* 159.	28.	AG	350.	2.9	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	* 95.	31.	AG	350.	2.9	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	* 49.	57.	AG	350.	2.9	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	* 46.	75.	AG	350.	2.9	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	* 57.	97.	AG	350.	2.9	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	* 55.	122.	AG	350.	2.9	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	* 49.	136.	AG	350.	2.9	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	* 58.	164.	AG	350.	2.9	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	* 70.	187.	AG	350.	2.9	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	* 58.	210.	AG	350.	2.9	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	* 120.	225.	AG	350.	2.9	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	* 739.	145.	AG	325.	2.9	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193595.5	642297.3	* 41.	325.	AG	122.	100.0	.0	24.0	.39	2.1
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	* 663.	146.	AG	325.	2.9	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193973.6	641737.5	* 15.	326.	AG	65.	100.0	.0	24.0	.21	.8
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	* 243.	324.	AG	675.	2.9	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193713.8	642150.5	* 31.	148.	AG	65.	100.0	.0	24.0	.37	1.6
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	* 235.	327.	AG	850.	2.9	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	* 499.	325.	AG	850.	2.9	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	* 252.	326.	AG	850.	2.9	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	* 275.	228.	AG	3825.	4.2	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	* 474.	232.	AG	3825.	4.2	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	* 398.	235.	AG	3825.	4.2	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	* 433.	233.	AG	3825.	4.2	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	* 418.	234.	AG	3825.	4.2	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	* 478.	54.	AG	2375.	4.2	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	* 587.	54.	AG	2375.	4.2	.0	44.0		

JOB: US 15 Ramps at 7th ST B215A
DATE: 03/15/2007 TIME: 14:59:03.53

RUN: US 15 RAMPS AND 7TH B215 AM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	* 129.	55.	AG	2375.	4.2	.0	44.0		
46. 46	NB I270	* 193972.0	642114.0	194335.0	642396.0	* 460.	52.	AG	2375.	4.2	.0	44.0		
47. 47	NB I270	* 194335.0	642396.0	194598.0	642624.0	* 348.	49.	AG	2375.	4.2	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	* 139.	61.	AG	550.	2.9	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	* 96.	60.	AG	550.	2.9	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	* 85.	76.	AG	550.	2.9	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	* 61.	94.	AG	550.	2.9	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	* 55.	114.	AG	550.	2.9	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	* 67.	137.	AG	550.	2.9	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	* 61.	160.	AG	550.	2.9	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	* 68.	184.	AG	550.	2.9	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	* 64.	207.	AG	550.	2.9	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	* 86.	232.	AG	550.	2.9	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	* 245.	237.	AG	275.	2.9	.0	32.0		
59. 59	nbofrmp1t	* 194040.0	641745.0	194072.4	641766.9	* 39.	56.	AG	50.	100.0	.0	12.0	.47	2.0
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	* 169.	236.	AG	275.	2.9	.0	32.0		
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	* 92.	259.	AG	275.	2.9	.0	32.0		
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	* 75.	289.	AG	275.	2.9	.0	32.0		
63. 63	nbofrmp1t	* 193976.0	641810.0	194013.1	641797.6	* 39.	108.	AG	50.	100.0	.0	12.0	.52	2.0
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	* 52.	308.	AG	850.	2.9	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	* 312.	322.	AG	850.	2.9	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	* 220.	323.	AG	850.	2.9	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	* 95.	326.	AG	675.	2.9	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194034.6	641673.1	* 31.	146.	AG	65.	100.0	.0	24.0	.37	1.6
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	* 145.	329.	AG	575.	2.9	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	* 83.	5.	AG	100.	2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194061.1	641699.7	* 9.	185.	AG	33.	100.0	.0	12.0	.11	.5
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	* 409.	55.	AG	150.	2.9	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	* 100.	48.	AG	150.	2.9	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	* 94.	34.	AG	150.	2.9	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	* 111.	21.	AG	150.	2.9	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	* 260.	10.	AG	150.	2.9	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	* 106.	16.	AG	150.	2.9	.0	32.0		
78. 78	EB 7TH STR*	* 194010.0	641684.0	194223.0	641375.0	* 375.	145.	AG	550.	2.9	.0	32.0		
79. 79	EB 7TH STR*	* 194223.0	641375.0	194360.0	641206.0	* 218.	141.	AG	550.	2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST B215A
DATE: 03/15/2007 TIME: 14:59:03.53

RUN: US 15 RAMPS AND 7TH B215 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* *	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	*	65	41	2.0	125	1418	32.20	1	3
12. 12 " QUEUE RIGHT	*	65	41	2.0	600	1583	32.20	1	3
16. 16 " "	*	65	41	2.0	75	1416	32.20	1	3
30. 30 EB 7TH THR	*	65	46	2.0	325	1801	32.20	1	3
32. 32 EB 7th Q	*	45	17	2.0	325	1437	32.20	1	3
34. 34 WB 7TH THR	*	45	17	2.0	675	1730	32.20	1	3
59. 59 nbofrmlt	*	45	26	2.0	275	1770	32.20	1	3
63. 63 nbofrmlt	*	45	26	2.0	275	1583	32.20	1	3
68. 68 WB 7 TQ	*	45	17	2.0	675	1730	32.20	1	3
71. 71 WB 7TH RIGHT Q	*	45	17	2.0	100	1730	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	* *	X	Y	Z	* *
1. REC 1 400' SE CORNER	*	193303.0	641955.0	5.0	*
2. REC 2 164' SE CORNER	*	193495.0	642095.0	5.0	*
3. REC 3 82' SE CORNER	*	193560.0	642142.0	5.0	*
4. REC 4 SE CORNER	*	193632.0	642182.0	5.0	*
5. REC 5 82' ES CORNER	*	193681.0	642126.0	5.0	*
6. REC 6 400' ES CORNE	*	193861.0	641863.0	5.0	*
7. REC 7 400' NW CORNE	*	193909.0	642588.0	5.0	*
8. REC 8 164' NW CORNE	*	193754.0	642433.0	5.0	*
9. REC 9 82' NW CORNER	*	193714.0	642367.0	5.0	*
10. REC 10 NW CORNER	*	193633.0	642321.0	5.0	*
11. REC 11 82' WN CORNE	*	193592.0	642378.0	5.0	*
12. REC 12 164' WN CORN	*	193547.0	642444.0	5.0	*
13. REC 13 400' WN CORN	*	193402.0	642637.0	5.0	*
14. REC 14 400' WS CORN	*	193374.0	642573.0	5.0	*
15. REC 15 164' WS CORN	*	193511.0	642376.0	5.0	*
16. REC 16 82' WS CORNE	*	193554.0	642313.0	5.0	*
17. REC 17 SW CORNER	*	193594.0	642244.0	5.0	*
18. REC 18 82' SW CORNER	*	193535.0	642189.0	5.0	*
19. REC 19 164' SW CORNE	*	193470.0	642142.0	5.0	*
20. REC 20 400' SW CORNE	*	193275.0	641999.0	5.0	*
21. REC 21 RES. BIGGS	*	193562.0	642047.0	5.0	*
22. REC 22 BBALL FIELD	*	193480.0	641424.0	5.0	*

1

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* *	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.0	.0	.0	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
5.	*	.0	.0	.0	.0	.0	.2	.4	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
10.	*	.0	.0	.0	.0	.0	.3	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
15.	*	.0	.0	.0	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
20.	*	.0	.0	.0	.1	.3	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0
25.	*	.0	.0	.0	.1	.3	.3	.4	.0	.2	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0
30.	*	.0	.0	.1	.1	.3	.2	.5	.2	.2	.0	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0
35.	*	.0	.1	.1	.1	.2	.2	.5	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0
40.	*	.0	.1	.1	.1	.2	.2	.6	.2	.3	.1	.0	.0	.0	.0	.1	.1	.1	.4	.2	.1	.0
45.	*	.0	.1	.1	.1	.2	.2	.5	.2	.3	.1	.0	.0	.0	.0	.1	.1	.2	.4	.2	.1	.0
50.	*	.0	.0	.1	.1	.3	.0	.5	.2	.3	.1	.1	.0	.0	.0	.1	.1	.2	.4	.2	.1	.0
55.	*	.0	.0	.0	.1	.3	.0	.5	.2	.3	.1	.1	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0
60.	*	.0	.1	.1	.2	.2	.0	.4	.2	.3	.1	.1	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0
65.	*	.2	.1	.1	.2	.4	.0	.4	.2	.3	.1	.1	.0	.0	.0	.1	.1	.2	.3	.1	.1	.0
70.	*	.1	.2	.1	.2	.4	.0	.3	.2	.3	.1	.1	.0	.0	.0	.1	.1	.2	.3	.1	.1	.2
75.	*	.1	.2	.3	.3	.4	.0	.3	.2	.3	.2	.1	.0	.0	.0	.1	.1	.3	.1	.1	.1	.1
80.	*	.2	.2	.3	.4	.5	.0	.3	.2	.3	.2	.1	.0	.0	.0	.1	.1	.3	.1	.1	.2	.1
85.	*	.3	.1	.3	.4	.5	.0	.4	.3	.3	.2	.1	.0	.0	.0	.1	.2	.2	.3	.2	.1	.2
90.	*	.3	.2	.1	.4	.4	.0	.4	.3	.3	.2	.1	.1	.0	.0	.1	.2	.2	.2	.2	.1	.2
95.	*	.2	.2	.1	.3	.4	.0	.4	.3	.3	.3	.1	.1	.0	.0	.1	.2	.3	.3	.1	.1	.3
100.	*	.2	.2	.2	.2	.4	.0	.2	.3	.4	.3	.1	.1	.0	.0	.1	.2	.3	.3	.1	.1	.2
105.	*	.2	.3	.2	.4	.4	.0	.3	.4	.4	.4	.1	.1	.0	.0	.2	.2	.3	.1	.1	.1	.2
110.	*	.2	.2	.2	.3	.4	.0	.3	.4	.4	.4	.1	.1	.0	.0	.1	.1	.3	.1	.1	.1	.2
115.	*	.2	.2	.3	.3	.4	.0	.3	.4	.4	.3	.1	.1	.0	.0	.1	.2	.4	.2	.1	.2	.2
120.	*	.2	.2	.3	.3	.4	.0	.3	.4	.4	.3	.1	.0	.0	.0	.1	.2	.4	.2	.1	.2	.2
125.	*	.2	.3	.2	.3	.4	.0	.4	.4	.3	.3	.1	.1	.0	.0	.2	.2	.4	.2	.2	.2	.2
130.	*	.2	.3	.2	.2	.3	.0	.3	.3	.3	.3	.1	.1	.0	.0	.2	.3	.2	.2	.2	.3	.2
135.	*	.2	.2	.2	.3	.3	.0	.5	.3	.3	.3	.1	.1	.1	.3	.2	.2	.1	.2	.3	.2	.2
140.	*	.2	.2	.2	.3	.3	.0	.5	.3	.3	.3	.1	.1	.2	.3	.2	.2	.3	.2	.2	.2	.2
145.	*	.2	.2	.2	.3	.3	.0	.5	.3	.2	.2	.2	.2	.2	.2	.1	.1	.2	.3	.2	.2	.2
150.	*	.2	.2	.3	.2	.3	.0	.5	.3	.2	.2	.2	.2	.2	.2	.1	.0	.1	.2	.3	.2	.1
155.	*	.1	.2	.3	.2	.3	.0	.4	.3	.2	.4	.3	.2	.1	.0	.1	.2	.2	.3	.2	.2	.1
160.	*	.1	.2	.2	.2	.3	.0	.4	.3	.2	.4	.3	.2	.1	.0	.0	.2	.2	.2	.2	.2	.1
165.	*	.1	.3	.2	.2	.3	.0	.4	.3	.2	.4	.4	.1	.1	.0	.1	.2	.2	.2	.2	.2	.1
170.	*	.2	.3	.2	.3	.3	.0	.4	.3	.3	.3	.4	.1	.1	.0	.1	.2	.3	.2	.2	.2	.2
175.	*	.2	.3	.2	.3	.3	.0	.4	.3	.3	.3	.4	.2	.1	.1	.1	.2	.2	.2	.2	.3	.2
180.	*	.3	.3	.3	.3	.3	.0	.5	.4	.3	.4	.4	.2	.1	.0	.1	.2	.2	.2	.2	.2	.2
185.	*	.3	.3	.3	.2	.4	.0	.5	.4	.3	.4	.3	.2	.1	.0	.1	.1	.2	.2	.2	.1	.2
190.	*	.2	.3	.3	.2	.3	.0	.6	.4	.4	.4	.2	.2	.1	.0	.1	.1	.2	.2	.2	.1	.2
195.	*	.2	.1	.3	.3	.3	.0	.6	.5	.3	.3	.2	.2	.1	.0	.1	.1	.1	.1	.1	.1	.2

200. * .2 .2 .1 .3 .4 .0 .6 .3 .2 S35B215A .1 .1 .0 .0 .1 .1 .1 .3 .2
 205. * .2 .3 .1 .3 .4 .0 .7 .3 .2 .4 .2 .1 .1 .0 .0 .1 .1 .2 .3 .1
 1

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.3	.3	.1	.3	.0	.7	.3	.2	.4	.1	.1	.1	.0	.0	.1	.2	.2	.1	.1
215.	.1	.1	.2	.2	.3	.0	.6	.2	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1
220.	.1	.1	.1	.2	.3	.0	.6	.0	.0	.3	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0
225.	.0	.1	.1	.1	.3	.0	.6	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.0	.4	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.2	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.3	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.2	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.2	.1	.0	.0	.0	.0
335.	.0	.0	.0	.3	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
340.	.0	.0	.0	.3	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0
345.	.0	.0	.0	.3	.0	.4	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0
350.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
355.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0
360.	.0	.0	.0	.2	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
MAX	.3	.3	.3	.4	.5	.5	.7	.5	.4	.4	.4	.2	.2	.3	.3	.4	.4	.3	.3	.3
DEGR.	85	105	75	80	80	20	205	195	100	105	165	145	140	135	130	115	20	85	130	95

1

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.2
20.	.0	.2
25.	.1	.2
30.	.1	.2
35.	.1	.0
40.	.0	.0
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.2	.0
65.	.2	.0
70.	.4	.0
75.	.4	.0
80.	.2	.0
85.	.2	.0
90.	.3	.0
95.	.3	.0
100.	.3	.0
105.	.3	.0
110.	.3	.0
115.	.3	.0
120.	.4	.0
125.	.3	.0
130.	.3	.0
135.	.3	.0
140.	.4	.0
145.	.3	.0
150.	.3	.0
155.	.3	.0
160.	.3	.0
165.	.3	.0
170.	.3	.0
175.	.3	.0
180.	.3	.0
185.	.3	.0
190.	.3	.0
195.	.3	.0
200.	.3	.0
205.	.3	.0

1

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
----- *
210. * .4 .0
215. * .4 .0
220. * .3 .0
225. * .2 .0
230. * .2 .0
235. * .1 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .0
275. * .0 .2
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .2
330. * .0 .2
335. * .0 .1
340. * .0 .1
345. * .0 .1
350. * .0 .2
355. * .0 .2
360. * .0 .2
----- *
MAX * .4 .2
DEGR * 70 0

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 205 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 80 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 20 DEGREES FROM REC6 .

1

JOB: US 15 Ramps at 7th ST B215A
 DATE: 03/15/2007 TIME: 14:59:03.53

RUN: US 15 RAMPS AND 7TH B215 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 85	REC2 105	REC3 75	REC4 80	REC5 80	REC6 20	REC7 205	REC8 195	REC9 100	REC10 105	REC11 165	REC12 145	REC13 140	REC14 135	REC15 130	REC16 115	REC17 20	REC18 85	REC19 130	REC20 95
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.3	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
40	.1	.2	.1	.1	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
41	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
45	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35B215A

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 105	REC3 75	REC4 80	REC5 80	REC6 20	REC7 205	REC8 195	REC9 100	REC10 105	REC11 165	REC12 145	REC13 140	REC14 135	REC15 130	REC16 115	REC17 20	REC18 85	REC19 130	REC20 95
46	*	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B215A
DATE: 03/15/2007 TIME: 14:59:03.53

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 70	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.1	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.0	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST B215A

RUN: US 15 RAMPS AND 7TH B215 AM

PAGE 11

S35B215A

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	70 0	
46	*	.1 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B215P

US 15 Ramps at 7th ST	B215P	60.0175.0.0000.00	220.30480000	1	1
REC 1 400' SE CORNER	193303.	641955.	5.		
REC 2 164' SE CORNER	193495.	642095.	5.		
REC 3 82' SE CORNER	193560.	642142.	5.		
REC 4 SE CORNER	193632.	642182.	5.		
REC 5 82' ES CORNER	193681.	642126.	5.		
REC 6 400' ES CORNE	193861.	641863.	5.		
REC 7 400' NW CORNE	193909.	642588.	5.		
REC 8 164' NW CORNE	193754.	642433.	5.		
REC 9 82' NW CORNER	193714.	642367.	5.		
REC 10 NW CORNER	193633.	642321.	5.		
REC 11 82' WN CORNE	193592.	642378.	5.		
REC 12 164' WN CORN	193547.	642444.	5.		
REC 13 400' WN CORN	193402.	642637.	5.		
REC 14 400' WS CORN	193374.	642573.	5.		
REC 15 164' WS CORN	193511.	642376.	5.		
REC 16 82' WS CORNE	193554.	642313.	5.		
REC 17 SW CORNER	193594.	642244.	5.		
REC 18 82' SW CORNER	193535.	642189.	5.		
REC 19 164' SW CORNE	193470.	642142.	5.		
REC 20 400' SW CORNE	193275.	641999.	5.		
REC 21 RES. BIGGS	193562.	642047.	5.		
REC 22 BBALL FIELD	193480.	641424.	5.		
US 15 RAMPS AND 7TH	B215 PM	79	1	1	

1	US15 SB OFF	AG194533.642697.194458.642659.	400. 2.9 0. 44. 30.
2	"	AG194458.642659.194357.642629.	400. 2.9 0. 44. 30.
3	"	AG194357.642629.194253.642616.	400. 2.9 0. 44. 30.
4	"	AG194253.642616.194021.642603.	400. 2.9 0. 44. 30.
5	"	AG194021.642603.193934.642580.	400. 2.9 0. 44. 30.
6	"	AG193934.642580.193864.642544.	400. 2.9 0. 44. 30.
7	"	AG193864.642544.193815.642500.	400. 2.9 0. 44. 30.
8	"	AG193815.642500.193723.642340.	400. 2.9 0. 44. 30.
9	" THRU T&L	AG193723.642340.193621.642288.	175. 2.9 0. 32. 30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12. 1
	80 55 2.0 175 32.2 1338 1 3		
11	" RIGHT	AG193723.642340.193650.642244.	250. 2.9 0. 32. 30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12. 1
	80 55 2.0 250 32.2 1583 1 3		
13	SB BIGGS RD	AG193650.642244.193240.641950.	100. 2.9 0. 32. 30.
14	"	AG193240.641950.192860.641671.	100. 2.9 0. 32. 30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	100. 2.9 0. 44. 30.
16	"	AG193624.642212.193557.642163.	0. 24. 2
	80 55 2.0 100 32.2 1293 1 3		
17	SB 15 ON	RAG193652.642232.193722.642281.	700. 2.9 0. 32. 30.
18	SB 15 ON	RAG193722.642281.193797.642421.	700. 2.9 0. 32. 30.
19	SB 15 ON	RAG193797.642421.193846.642502.	700. 2.9 0. 32. 30.
20	SB 15 ON	RAG193846.642502.193887.642529.	700. 2.9 0. 32. 30.
21	SB 15 ON	RAG193887.642529.193931.642541.	700. 2.9 0. 32. 30.
22	SB 15 ON	RAG193931.642541.193988.642534.	700. 2.9 0. 32. 30.
23	SB 15 ON	RAG193988.642534.194035.642505.	700. 2.9 0. 32. 30.
24	SB 15 ON	RAG194035.642505.194069.642470.	700. 2.9 0. 32. 30.
25	SB 15 ON	RAG194069.642470.194085.642414.	700. 2.9 0. 32. 30.
26	SB 15 ON	RAG194085.642414.194077.642344.	700. 2.9 0. 32. 30.
27	SB 15 ON	RAG194077.642344.194048.642294.	700. 2.9 0. 32. 30.
28	SB 15 ON	RAG194048.642294.193964.642209.	700. 2.9 0. 32. 30.
29	EB 7TH ST	AG193214.642839.193639.642234.	875. 2.9 0. 44. 30.
30	EB 7TH THRAG	193619.642264.193564.642342.	0. 24. 2
	80 45 2.0 875 32.2 1805 1 3		
31	EB 7TH ST	AG193639.642234.194010.641684.	750. 2.9 0. 44. 30.
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24. 2
	60 17 2.0 750 32.2 940 1 3		
33	WB 7TH ST	AG193928.641844.193785.642040.	1050. 2.9 0. 44. 30.
34	WB 7TH THRAG	193697.642177.193742.642106.	0. 24. 2
	60 17 2.0 1050 32.2 1688 1 3		
35	WB 7TH ST	AG193785.642040.193658.642238.	800. 2.9 0. 44. 30.
36	WB 7TH ST	AG193658.642238.193370.642645.	800. 2.9 0. 44. 30.
37	WB 7TH ST	AG193370.642645.193228.642853.	800. 2.9 0. 44. 30.
38	SB 15	AG194552.642678.194349.642493.	2875. 4.2 0. 44. 59.

[illegible]

JOB: US 15 Ramps at 7th ST B215P
DATE: 03/15/2007 TIME: 14:59:59.99

RUN: US 15 RAMPS AND 7TH B215 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	* 84.	243.	AG	400.	2.9	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	* 105.	253.	AG	400.	2.9	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	* 105.	263.	AG	400.	2.9	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	* 232.	267.	AG	400.	2.9	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	* 90.	255.	AG	400.	2.9	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	* 79.	243.	AG	400.	2.9	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	* 66.	228.	AG	400.	2.9	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	* 185.	210.	AG	400.	2.9	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	* 114.	243.	AG	175.	2.9	.0	32.0		
10. 10	THRU T&L	* 193639.0	642298.0	193686.1	642321.6	* 53.	63.	AG	59.	100.0	.0	12.0	.50	2.7
11. 11	QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	* 121.	217.	AG	250.	2.9	.0	32.0		
12. 12	RIGHT	* 193665.0	642264.0	193710.5	642323.8	* 75.	37.	AG	59.	100.0	.0	12.0	.60	3.8
13. 13	QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	* 505.	234.	AG	100.	2.9	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	* 471.	234.	AG	100.	2.9	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	* 973.	54.	AG	100.	2.9	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193611.9	642203.1	* 15.	234.	AG	119.	100.0	.0	24.0	.15	.8
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	* 85.	55.	AG	700.	2.9	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	* 159.	28.	AG	700.	2.9	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	* 95.	31.	AG	700.	2.9	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	* 49.	57.	AG	700.	2.9	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	* 46.	75.	AG	700.	2.9	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	* 57.	97.	AG	700.	2.9	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	* 55.	122.	AG	700.	2.9	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	* 49.	136.	AG	700.	2.9	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	* 58.	164.	AG	700.	2.9	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	* 70.	187.	AG	700.	2.9	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	* 58.	210.	AG	700.	2.9	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	* 120.	225.	AG	700.	2.9	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	* 739.	145.	AG	875.	2.9	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193557.0	642351.9	* 108.	325.	AG	97.	100.0	.0	24.0	.63	5.5
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	* 663.	146.	AG	750.	2.9	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193962.5	641753.9	* 35.	326.	AG	49.	100.0	.0	24.0	.61	1.8
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	* 243.	324.	AG	1050.	2.9	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193723.1	642135.8	* 49.	148.	AG	49.	100.0	.0	24.0	.48	2.5
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	* 235.	327.	AG	800.	2.9	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	* 499.	325.	AG	800.	2.9	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	* 252.	326.	AG	800.	2.9	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	* 275.	228.	AG	2875.	4.2	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	* 474.	232.	AG	2875.	4.2	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	* 398.	235.	AG	2875.	4.2	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	* 433.	233.	AG	2875.	4.2	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	* 418.	234.	AG	2875.	4.2	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	* 478.	54.	AG	3250.	4.2	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	* 587.	54.	AG	3250.	4.2	.0	44.0		

JOB: US 15 Ramps at 7th ST B215P
DATE: 03/15/2007 TIME: 14:59:59.99

RUN: US 15 RAMPS AND 7TH B215 PM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	* 129.	55.	AG	3250.	4.2	.0	44.0		
46. 46	NB I270	* 193972.0	642114.0	194335.0	642396.0	* 460.	52.	AG	3250.	4.2	.0	44.0		
47. 47	NB I270	* 194335.0	642396.0	194598.0	642624.0	* 348.	49.	AG	3250.	4.2	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	* 139.	61.	AG	300.	2.9	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	* 96.	60.	AG	300.	2.9	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	* 85.	76.	AG	300.	2.9	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	* 61.	94.	AG	300.	2.9	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	* 55.	114.	AG	300.	2.9	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	* 67.	137.	AG	300.	2.9	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	* 61.	160.	AG	300.	2.9	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	* 68.	184.	AG	300.	2.9	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	* 64.	207.	AG	300.	2.9	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	* 86.	232.	AG	300.	2.9	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	* 245.	237.	AG	225.	2.9	.0	32.0		
59. 59	nbofrmp1t	* 194040.0	641745.0	194081.8	641773.3	* 50.	56.	AG	59.	100.0	.0	12.0	.51	2.6
60. 60	NB270oofrmp	* 194130.0	641806.0	193990.0	641711.0	* 169.	236.	AG	75.	2.9	.0	32.0		
61. 61	NB270oofrmp	* 194130.0	641806.0	194040.0	641788.0	* 92.	259.	AG	75.	2.9	.0	32.0		
62. 62	NB270oofrmp	* 194040.0	641788.0	193969.0	641812.0	* 75.	289.	AG	75.	2.9	.0	32.0		
63. 63	nbofrmp1t	* 193976.0	641810.0	193992.0	641804.0	* 17.	108.	AG	59.	100.0	.0	12.0	.19	.9
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	* 52.	308.	AG	800.	2.9	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	* 312.	322.	AG	800.	2.9	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	* 220.	323.	AG	800.	2.9	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	* 95.	326.	AG	1050.	2.9	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194044.5	641658.7	* 49.	146.	AG	49.	100.0	.0	24.0	.48	2.5
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	* 145.	329.	AG	725.	2.9	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	* 83.	5.	AG	325.	2.9	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194059.2	641778.9	* 30.	185.	AG	24.	100.0	.0	12.0	.30	1.5
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	* 409.	55.	AG	650.	2.9	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	* 100.	48.	AG	650.	2.9	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	* 94.	34.	AG	650.	2.9	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	* 111.	21.	AG	650.	2.9	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	* 260.	10.	AG	650.	2.9	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	* 106.	16.	AG	650.	2.9	.0	32.0		
78. 78	EB 7TH STR*	* 194010.0	641684.0	194223.0	641375.0	* 375.	145.	AG	300.	2.9	.0	32.0		
79. 79	EB 7TH STR*	* 194223.0	641375.0	194360.0	641206.0	* 218.	141.	AG	300.	2.9	.0	32.0		

JOB: US 15 Ramps at 7th ST B215P
DATE: 03/15/2007 TIME: 14:59:59.99

RUN: US 15 RAMPS AND 7TH B215 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	80	55	2.0	175	1338	32.20	1	3
12. 12 " QUEUE RIGHT	80	55	2.0	250	1583	32.20	1	3
16. 16 " "	80	55	2.0	100	1293	32.20	1	3
30. 30 EB 7TH THR	80	45	2.0	875	1805	32.20	1	3
32. 32 EB 7th Q	60	17	2.0	750	940	32.20	1	3
34. 34 WB 7TH THR	60	17	2.0	1050	1688	32.20	1	3
59. 59 nbofrmlpt	60	41	2.0	225	1770	32.20	1	3
63. 63 nbofrmlpt	60	41	2.0	75	1583	32.20	1	3
68. 68 WB 7 TQ	60	17	2.0	1050	1688	32.20	1	3
71. 71 WB 7TH RIGHT Q	60	17	2.0	325	1688	32.20	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.0	.0	.0
5.	.0	.0	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.1	.0	.0
10.	.0	.0	.1	.0	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.1	.0	.0
15.	.0	.0	.1	.0	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
20.	.0	.0	.1	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
25.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
30.	.0	.0	.0	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.4	.1	.0	.0
35.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.5	.4	.1	.1	.0
40.	.0	.0	.0	.1	.3	.4	.0	.0	.1	.0	.0	.0	.0	.2	.2	.5	.4	.1	.1	.0
45.	.0	.0	.0	.1	.3	.3	.0	.0	.1	.0	.0	.0	.0	.2	.2	.5	.3	.1	.0	.0
50.	.0	.0	.0	.1	.3	.3	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
55.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.3	.0	.0	.0
60.	.0	.0	.0	.1	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.4	.0	.0	.0
65.	.1	.1	.1	.3	.6	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.5	.4	.0	.0	.0
70.	.1	.2	.2	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.1	.1	.0
75.	.1	.3	.2	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.2	.2	.2	.1
80.	.2	.2	.3	.4	.5	.2	.0	.0	.1	.2	.0	.0	.0	.2	.2	.6	.3	.2	.2	.1
85.	.3	.2	.2	.5	.5	.2	.0	.0	.1	.3	.1	.0	.0	.2	.2	.6	.3	.2	.2	.1
90.	.2	.1	.2	.4	.6	.2	.0	.1	.2	.3	.1	.0	.0	.2	.3	.7	.3	.2	.2	.2
95.	.2	.1	.1	.4	.6	.2	.1	.1	.2	.4	.2	.1	.0	.2	.4	.7	.3	.2	.1	.2
100.	.2	.2	.1	.4	.5	.2	.1	.2	.2	.4	.2	.1	.0	.2	.5	.6	.3	.1	.1	.2
105.	.2	.2	.1	.5	.5	.2	.1	.2	.2	.4	.2	.2	.0	.2	.4	.6	.2	.1	.1	.2
110.	.2	.2	.2	.5	.6	.1	.1	.2	.2	.3	.1	.1	.0	.2	.3	.6	.1	.1	.2	.2
115.	.2	.2	.2	.4	.6	.1	.1	.2	.2	.4	.1	.1	.0	.2	.3	.6	.2	.1	.2	.2
120.	.2	.2	.2	.3	.5	.1	.2	.2	.1	.3	.0	.0	.0	.2	.5	.6	.3	.2	.2	.2
125.	.2	.2	.2	.3	.5	.1	.2	.2	.1	.3	.1	.0	.0	.2	.5	.4	.4	.2	.2	.2
130.	.2	.2	.2	.3	.4	.1	.2	.2	.2	.3	.1	.1	.0	.2	.5	.4	.5	.2	.2	.2
135.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.4	.3	.4	.2	.2	.2
140.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.1	.1	.1	.2	.4	.4	.4	.2	.2	.2
145.	.2	.2	.2	.3	.4	.1	.2	.1	.1	.3	.2	.2	.2	.1	.4	.4	.4	.2	.2	.2
150.	.2	.2	.2	.2	.4	.1	.2	.1	.1	.3	.3	.3	.2	.1	.4	.2	.3	.2	.2	.2
155.	.2	.2	.2	.2	.3	.0	.2	.1	.1	.5	.4	.4	.2	.1	.2	.2	.2	.2	.2	.2
160.	.2	.2	.2	.2	.3	.0	.2	.1	.2	.5	.4	.4	.2	.0	.1	.3	.2	.2	.2	.1
165.	.2	.2	.2	.2	.3	.0	.2	.1	.2	.5	.5	.4	.2	.0	.1	.1	.3	.2	.2	.2
170.	.2	.2	.2	.2	.3	.0	.0	.2	.2	.4	.4	.4	.2	.0	.2	.2	.1	.2	.2	.2
175.	.2	.2	.2	.3	.3	.0	.0	.3	.2	.3	.5	.4	.2	.0	.2	.2	.2	.2	.2	.1
180.	.3	.2	.2	.2	.2	.0	.1	.3	.3	.2	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.3	.0	.1	.3	.3	.5	.6	.3	.2	.0	.1	.2	.2	.2	.2	.2
190.	.2	.2	.2	.2	.3	.0	.2	.3	.2	.5	.6	.3	.2	.0	.1	.2	.2	.2	.1	.2
195.	.2	.3	.2	.2	.3	.0	.2	.1	.3	.5	.5	.2	.2	.0	.0	.1	.2	.2	.2	.2

200. * .2 .2 .2 .2 .3 .0 .2 .2 .3 S35B215P .2 .2 .0 .0 .1 .2 .2 .2 .2
 205. * .2 .2 .2 .2 .3 .0 .1 .2 .3 .4 .4 .2 .2 .0 .0 .0 .2 .2 .2 .2
 1

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.2	.2	.3	.0	.0	.1	.3	.4	.4	.2	.2	.0	.0	.0	.2	.1	.2	.1
215.	.1	.2	.3	.2	.4	.0	.0	.0	.2	.4	.4	.2	.2	.0	.0	.0	.0	.2	.1	.0
220.	.0	.1	.2	.2	.3	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.2	.0	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.1	.0	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.1	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0
320.	.0	.0	.0	.2	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
325.	.0	.0	.0	.4	.2	.4	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0
330.	.0	.0	.0	.4	.3	.4	.0	.0	.0	.1	.1	.0	.1	.1	.1	.2	.2	.0	.0	.0
335.	.0	.0	.0	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
340.	.0	.0	.0	.5	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.0	.0	.0
345.	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
350.	.0	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
355.	.0	.0	.0	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0
360.	.0	.0	.1	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.0	.0	.0
MAX	.3	.3	.3	.5	.6	.6	.2	.3	.3	.5	.6	.5	.3	.2	.5	.7	.5	.2	.2	.2
DEGR.	85	75	80	85	65	20	120	175	180	155	180	180	290	5	100	90	0	75	75	90

1

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.1
20.	.0	.1
25.	.0	.1
30.	.0	.1
35.	.0	.0
40.	.0	.0
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.2	.0
65.	.3	.0
70.	.3	.0
75.	.3	.0
80.	.3	.0
85.	.3	.0
90.	.3	.0
95.	.3	.0
100.	.3	.0
105.	.3	.0
110.	.3	.0
115.	.2	.0
120.	.2	.0
125.	.3	.0
130.	.3	.0
135.	.3	.0
140.	.2	.0
145.	.2	.0
150.	.3	.0
155.	.3	.0
160.	.3	.0
165.	.3	.0
170.	.3	.0
175.	.3	.0
180.	.3	.0
185.	.3	.0
190.	.3	.0
195.	.3	.0
200.	.3	.0
205.	.4	.0

1

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC21 REC22

210.	*	.4	.0
215.	*	.3	.0
220.	*	.3	.0
225.	*	.3	.0
230.	*	.1	.0
235.	*	.0	.0
240.	*	.0	.0
245.	*	.0	.0
250.	*	.0	.0
255.	*	.0	.0
260.	*	.0	.0
265.	*	.0	.0
270.	*	.0	.1
275.	*	.0	.1
280.	*	.0	.2
285.	*	.0	.2
290.	*	.0	.2
295.	*	.0	.2
300.	*	.0	.2
305.	*	.0	.2
310.	*	.0	.2
315.	*	.0	.2
320.	*	.0	.2
325.	*	.0	.1
330.	*	.0	.1
335.	*	.0	.2
340.	*	.0	.2
345.	*	.0	.2
350.	*	.0	.2
355.	*	.0	.2
360.	*	.0	.2

MAX * .4 .2
 DEGR * 205 0

THE HIGHEST CONCENTRATION IS .70 PPM AT 90 DEGREES FROM REC16.
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC5 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC6 .

1

JOB: US 15 Ramps at 7th ST B215P
 DATE: 03/15/2007 TIME: 14:59:59.99

RUN: US 15 RAMPS AND 7TH B215 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 75	REC3 80	REC4 85	REC5 65	REC6 20	REC7 120	REC8 175	REC9 180	REC10 155	REC11 180	REC12 180	REC13 290	REC14 5	REC15 100	REC16 90	REC17 0	REC18 75	REC19 75	REC20 90
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.3	.3	.0	.0	.0	
31	*	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	
40	*	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
41	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
44	*	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
45	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 75	REC3 80	REC4 85	REC5 65	REC6 20	REC7 120	REC8 175	REC9 180	REC10 155	REC11 180	REC12 180	REC13 290	REC14 5	REC15 100	REC16 90	REC17 0	REC18 75	REC19 75	REC20 90
46	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: US 15 Ramps at 7th ST B215P
DATE: 03/15/2007 TIME: 14:59:59.99

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 205	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.2	.1
42	*	.0	.0
43	*	.1	.0
44	*	.1	.1
45	*	.0	.0

JOB: US 15 Ramps at 7th ST B215P

RUN: US 15 RAMPS AND 7TH B215 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	205 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35NB30A.DAT

US 15	Ramps at 7th ST	NB30A	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	NB30 AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	600.	2.6	0.	44.
1	"	AG194458.642659.194357.642629.	600.	2.6	0.	44.
2	"	AG194357.642629.194253.642616.	600.	2.6	0.	44.
3	"	AG194253.642616.194021.642603.	600.	2.6	0.	44.
1	"	AG194021.642603.193934.642580.	600.	2.6	0.	44.
5	"	AG193934.642580.193864.642544.	600.	2.6	0.	44.
6	"	AG193864.642544.193815.642500.	600.	2.6	0.	44.
1	"	AG193815.642500.193723.642340.	600.	2.6	0.	44.
7	"	AG193723.642340.193621.642288.	175.	3.8	0.	32.
1	" THRU T&L	AG193621.642288.193517.642237.	0.	12.	1	
10	" QUEUE T&L	AG193517.642237.193417.642187.	0.	12.	1	
70		2.0 175 28.3 1373 1 3				
1	" RIGHT	AG193417.642187.193317.642137.	450.	3.8	0.	32.
2	"	AG193317.642137.193217.642087.	450.	3.8	0.	32.
11	" RIGHT	AG193217.642087.193117.642037.	450.	3.8	0.	32.
12	" QUEUE RIGHT	AG193117.642037.193017.641987.	0.	12.	1	
70		2.0 450 28.3 1583 1 3				
1	SB BIGGS RD	AG193017.641987.192917.641937.	75.	2.6	0.	32.
1	"	AG192917.641937.192817.641887.	75.	2.6	0.	32.
14	"	AG192817.641887.192717.641837.	75.	2.6	0.	32.
1	NB BIGGS RD	AG192717.641837.192617.641787.	75.	3.5	0.	44.
15	"	AG192617.641787.192517.641737.	0.	24.	2	
2	"	AG192517.641737.192417.641687.	0.	24.	2	
16	"	AG192417.641687.192317.641637.	0.	24.	2	
70		2.0 75 28.3 1311 1 3				
1	SB 15 ON	RAG192317.641637.192217.641587.	400.	2.6	0.	32.
17	SB 15 ON	RAG192217.641587.192117.641537.	400.	2.6	0.	32.
1	SB 15 ON	RAG192117.641537.192017.641487.	400.	2.6	0.	32.
18	SB 15 ON	RAG192017.641487.191917.641437.	400.	2.6	0.	32.
1	SB 15 ON	RAG191917.641437.191817.641387.	400.	2.6	0.	32.
19	SB 15 ON	RAG191817.641387.191717.641337.	400.	2.6	0.	32.
1	SB 15 ON	RAG191717.641337.191617.641287.	400.	2.6	0.	32.
20	SB 15 ON	RAG191617.641287.191517.641237.	400.	2.6	0.	32.
1	SB 15 ON	RAG191517.641237.191417.641187.	400.	2.6	0.	32.
21	SB 15 ON	RAG191417.641187.191317.641137.	400.	2.6	0.	32.
1	SB 15 ON	RAG191317.641137.191217.641087.	400.	2.6	0.	32.
22	SB 15 ON	RAG191217.641087.191117.641037.	400.	2.6	0.	32.
1	SB 15 ON	RAG191117.641037.191017.640987.	400.	2.6	0.	32.
23	SB 15 ON	RAG191017.640987.190917.640937.	400.	2.6	0.	32.
1	SB 15 ON	RAG190917.640937.190817.640887.	400.	2.6	0.	32.
24	SB 15 ON	RAG190817.640887.190717.640837.	400.	2.6	0.	32.
1	SB 15 ON	RAG190717.640837.190617.640787.	400.	2.6	0.	32.
25	SB 15 ON	RAG190617.640787.190517.640737.	400.	2.6	0.	32.
1	SB 15 ON	RAG190517.640737.190417.640687.	400.	2.6	0.	32.
26	SB 15 ON	RAG190417.640687.190317.640637.	400.	2.6	0.	32.
1	SB 15 ON	RAG190317.640637.190217.640587.	400.	2.6	0.	32.
27	SB 15 ON	RAG190217.640587.190117.640537.	400.	2.6	0.	32.
1	SB 15 ON	RAG190117.640537.190017.640487.	400.	2.6	0.	32.
28	SB 15 ON	RAG190017.640487.189917.640437.	400.	2.6	0.	32.
1	EB 7TH ST	AG189917.640437.189817.640387.	375.	2.6	0.	44.
29	EB 7TH THRA	AG189817.640387.189717.640337.	0.	24.	2	
2	EB 7TH THRA	AG189717.640337.189617.640287.	0.	24.	2	
30	EB 7TH THRA	AG189617.640287.189517.640237.	0.	24.	2	
70		2.0 375 28.3 1804 1 3				
1	EB 7TH ST	AG189517.640237.189417.640187.	425.	2.6	0.	44.
31	EB 7th Q	AG189417.640187.189317.640137.	0.	24.	2	
2	EB 7th Q	AG189317.640137.189217.640087.	0.	24.	2	
32	EB 7th Q	AG189217.640087.189117.640037.	0.	24.	2	
45		2.0 425 28.3 1411 1 3				
1	WB 7TH ST	AG189117.640037.189017.640087.	1075.	2.6	0.	44.
33	WB 7TH THRA	AG189017.640087.188917.640037.	0.	24.	2	
2	WB 7TH THRA	AG188917.640037.188817.640087.	0.	24.	2	
34	WB 7TH THRA	AG188817.640087.188717.640037.	0.	24.	2	
70		2.0 1075 28.3 1694 1 3				
1	WB 7TH ST	AG188717.640037.188617.640087.	1250.	2.6	0.	44.
35	WB 7TH ST	AG188617.640087.188517.640037.	1250.	2.6	0.	44.
1	WB 7TH ST	AG188517.640037.188417.640087.	1250.	2.6	0.	44.
36	WB 7TH ST	AG188417.640087.188317.640037.	1250.	2.6	0.	44.
1	WB 7TH ST	AG188317.640037.188217.640087.	1250.	2.6	0.	44.
37	WB 7TH ST	AG188217.640087.188117.640037.	1250.	2.6	0.	44.
1	SB 15	AG188117.640037.188017.640087.	4250.	3.3	0.	44.
38	SB 15	AG188017.640087.187917.640037.	4250.	3.3	0.	44.

39	1	SB 15	AG194349.642493.193973.642204.	4250.	3.3	0.	44.	50.
40	1	SB 15	AG193973.642204.193646.641977.	4250.	3.3	0.	44.	50.
41	1	SB I5	AG193646.641977.193301.641716.	4050.	3.3	0.	44.	50.
42	1	SB I5	AG193301.641716.192964.641469.	4050.	3.3	0.	44.	50.
43	1	NB I5	AG193003.641416.193391.641696.	3000.	3.3	0.	44.	56.
44	1	NB I5	AG193391.641696.193866.642041.	3000.	3.3	0.	44.	56.
45	1	NB I5	AG193866.642041.193972.642114.	2450.	3.3	0.	44.	56.
46	1	NB I270	AG193972.642114.194335.642396.	2450.	3.3	0.	44.	56.
47	1	NB I270	AG194335.642396.194598.642624.	2450.	3.3	0.	44.	56.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	725.	2.6	0.	32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	725.	2.6	0.	32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	725.	2.6	0.	32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	725.	2.6	0.	32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	725.	2.6	0.	32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	725.	2.6	0.	32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	725.	2.6	0.	32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	725.	2.6	0.	32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	725.	2.6	0.	32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	725.	2.6	0.	32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	425.	3.8	0.	32.	30.
59	1	nbofrmp1t	AG194040.641745.194074.641768.	0.	12.	1		
60	1	NB270ofrmp	AG194130.641806.193990.641711.	300.	2.6	0.	32.	30.
61	1	NB270ofrmp	AG194130.641806.194040.641788.	300.	2.6	0.	32.	30.
62	1	NB270ofrmp	AG194040.641788.193969.641812.	300.	2.9	0.	32.	30.
63	2	nbofrmp1t	AG193976.641810.194033.641791.	0.	12.	1		
64	1	WB 7th Str	AG193969.641812.193928.641844.	300.	2.6	0.	44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	900.	2.6	0.	44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	900.	2.6	0.	44.	30.
67	1	WB 7th St	AG194056.641641.194003.641720.	775.	2.6	0.	44.	30.
68	2	WB 7 TQ	AG194017.641699.194051.641649.	0.	24.	2		
69	1	WB 7TH THRU	AG194003.641720.193928.641844.	775.	2.6	0.	32.	30.
70	1	WB 7TH RIGHT	AG194056.641641.194063.641724.	125.	2.6	0.	32.	30.
71	2	WB 7TH RIGHT Q	AG194062.641709.194057.641655.	0.	12.	1		
72	1	NB 270 ONR	AG194063.641724.194399.641958.	175.	2.6	0.	32.	30.
73	1	NB 270 ONR	AG194399.641958.194473.642025.	175.	2.6	0.	32.	30.
74	1	NB 270 ONR	AG194473.642025.194525.642103.	175.	2.6	0.	32.	30.
75	1	NB 270 ONR	AG194525.642103.194564.642207.	175.	2.6	0.	32.	30.
76	1	NB 270 ONR	AG194564.642207.194607.642463.	175.	2.6	0.	32.	30.
77	1	NB 270 ONR	AG194607.642463.194637.642565.	175.	2.6	0.	32.	30.
78	1	EB 7TH STR	AG194010.641684.194223.641375.	800.	2.6	0.	32.	30.
79	1	EB 7TH STR	AG194223.641375.194360.641206.	800.	2.6	0.	32.	30.
1.0000.4	1000.	0.0Y	5 0 72					

JOB: US 15 Ramps at 7th ST NB30A
DATE: 01/22/2007 TIME: 13:29:31.21

RUN: US 15 RAMPS AND 7TH NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	600.	2.6	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	600.	2.6	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	600.	2.6	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	600.	2.6	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	600.	2.6	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	600.	2.6	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	600.	2.6	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	600.	2.6	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	175.	3.8	.0	32.0		
10. 10	" THRU T&L	* 193639.0	642298.0	193679.2	642318.1	*	45.	63. AG	51.	100.0	.0	12.0	.47	2.3
11. 11	" QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	450.	3.8	.0	32.0		
12. 12	" RIGHT	* 193665.0	642264.0	193924.5	642605.0	*	429.	37. AG	51.	100.0	.0	12.0	1.05	21.8
13. 13	" QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	75.	2.6	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	75.	2.6	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	75.	3.5	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193616.3	642206.4	*	10.	234. AG	102.	100.0	.0	24.0	.10	.5
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	400.	2.6	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	400.	2.6	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	400.	2.6	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	400.	2.6	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	400.	2.6	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	400.	2.6	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	400.	2.6	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	400.	2.6	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	400.	2.6	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	400.	2.6	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	400.	2.6	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	400.	2.6	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	375.	2.6	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193589.5	642305.8	*	51.	325. AG	108.	100.0	.0	24.0	.45	2.6
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	425.	2.6	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193969.7	641743.3	*	22.	326. AG	64.	100.0	.0	24.0	.31	1.1
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	1075.	2.6	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193750.5	642092.7	*	100.	148. AG	74.	100.0	.0	24.0	.69	5.1
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	1250.	2.6	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	1250.	2.6	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	1250.	2.6	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	4250.	3.3	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	4250.	3.3	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	4250.	3.3	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	4050.	3.3	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	4050.	3.3	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	3000.	3.3	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	3000.	3.3	.0	44.0		

JOB: US 15 Ramps at 7th ST NB30A
DATE: 01/22/2007 TIME: 13:29:31.21

RUN: US 15 RAMPS AND 7TH NB30 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	2450.	3.3	.0	44.0		
46. 46	NB 1270	* 193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	2450.	3.3	.0	44.0		
47. 47	NB 1270	* 194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	2450.	3.3	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	725.	2.6	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	725.	2.6	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	725.	2.6	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	725.	2.6	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	725.	2.6	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	725.	2.6	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	725.	2.6	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	725.	2.6	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	725.	2.6	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	725.	2.6	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	425.	3.8	.0	32.0		
59. 59	nbofrmp1t	* 194040.0	641745.0	194086.2	641776.3	*	56.	56. AG	40.	100.0	.0	12.0	.64	2.8
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	300.	2.6	.0	32.0		
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	300.	2.6	.0	32.0		
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	300.	2.9	.0	32.0		
63. 63	nbofrmp1t	* 193976.0	641810.0	194013.4	641797.5	*	39.	108. AG	40.	100.0	.0	12.0	.50	2.0
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	300.	2.6	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	900.	2.6	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	900.	2.6	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	775.	2.6	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194039.6	641665.8	*	40.	146. AG	64.	100.0	.0	24.0	.46	2.0
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	775.	2.6	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	125.	2.6	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194062.0	641708.9	*	0.	184. AG	27.	100.0	.0	12.0	.00	.0
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	175.	2.6	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	175.	2.6	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	175.	2.6	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	175.	2.6	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	175.	2.6	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	175.	2.6	.0	32.0		
78. 78	EB 7TH STR	* 194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	800.	2.6	.0	32.0		
79. 79	EB 7TH STR	* 194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	800.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST NB30A
DATE: 01/22/2007 TIME: 13:29:31.21

RUN: US 15 RAMP AND 7TH NB30 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	70	47	2.0	175	1373	28.30	1	3
12. 12 " QUEUE RIGHT	70	47	2.0	450	1583	28.30	1	3
16. 16 " "	70	47	2.0	75	1311	28.30	1	3
30. 30 EB 7TH THR	70	50	2.0	375	1804	28.30	1	3
32. 32 EB 7th Q	45	19	2.0	425	1411	28.30	1	3
34. 34 WB 7TH THR	70	34	2.0	1075	1694	28.30	1	3
59. 59 nbofrmlpt	45	24	2.0	425	1770	28.30	1	3
63. 63 nbofrmlpt	45	24	2.0	300	1583	28.30	1	3
68. 68 WB 7 TQ	45	19	2.0	775	1733	28.30	1	3
71. 71 WB 7TH RIGHT Q	90	32	2.0	1	1750	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMP AND 7TH NB30 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
5.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
10.	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
15.	.0	.0	.0	.1	.3	.4	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
20.	.0	.0	.0	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
25.	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
30.	.0	.0	.0	.1	.2	.3	.3	.1	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
35.	.0	.0	.1	.2	.2	.3	.3	.1	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
40.	.0	.0	.1	.2	.2	.3	.3	.2	.2	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0
45.	.0	.0	.0	.1	.2	.2	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0
50.	.0	.0	.0	.1	.2	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
55.	.0	.0	.0	.1	.3	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
60.	.0	.0	.0	.2	.4	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
65.	.1	.1	.1	.2	.5	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
70.	.1	.1	.1	.2	.6	.1	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.3	.1	.1	.1
75.	.1	.2	.1	.2	.6	.1	.2	.2	.2	.2	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1
80.	.1	.1	.2	.4	.7	.1	.2	.2	.3	.2	.0	.0	.0	.1	.1	.2	.2	.1	.2	.1
85.	.3	.1	.2	.4	.5	.1	.2	.3	.3	.2	.1	.0	.0	.1	.2	.3	.2	.2	.1	.1
90.	.3	.1	.2	.5	.4	.1	.3	.3	.3	.3	.1	.1	.0	.1	.2	.3	.2	.1	.1	.1
95.	.2	.1	.2	.3	.4	.1	.3	.3	.3	.3	.1	.1	.0	.1	.2	.3	.2	.1	.1	.3
100.	.2	.1	.1	.3	.5	.1	.2	.3	.3	.3	.1	.1	.0	.1	.2	.3	.1	.1	.1	.2
105.	.2	.2	.1	.3	.4	.0	.3	.3	.3	.3	.1	.1	.0	.1	.1	.3	.2	.1	.1	.2
110.	.2	.2	.1	.3	.4	.0	.3	.3	.3	.3	.1	.1	.0	.1	.1	.4	.2	.1	.1	.2
115.	.2	.2	.2	.3	.4	.0	.3	.3	.3	.3	.0	.0	.0	.1	.2	.4	.2	.1	.2	.2
120.	.2	.2	.2	.3	.6	.1	.3	.3	.3	.3	.1	.0	.0	.1	.2	.4	.2	.1	.2	.2
125.	.2	.3	.2	.3	.6	.1	.3	.3	.3	.3	.1	.0	.0	.2	.3	.4	.3	.2	.2	.2
130.	.2	.3	.2	.4	.5	.1	.3	.3	.3	.3	.1	.1	.1	.2	.3	.4	.3	.2	.2	.2
135.	.2	.2	.2	.3	.5	.1	.3	.2	.3	.3	.1	.1	.1	.2	.3	.2	.4	.2	.2	.2
140.	.2	.2	.2	.2	.4	.0	.4	.3	.2	.2	.2	.2	.1	.2	.2	.3	.2	.2	.2	.2
145.	.2	.2	.2	.2	.3	.0	.4	.3	.2	.3	.2	.2	.2	.1	.2	.2	.3	.2	.2	.2
150.	.2	.2	.3	.2	.3	.0	.4	.3	.2	.4	.2	.2	.2	.0	.1	.2	.3	.2	.2	.1
155.	.1	.2	.3	.2	.3	.0	.4	.3	.2	.5	.3	.2	.2	.0	.1	.2	.2	.2	.2	.1
160.	.1	.2	.2	.2	.3	.0	.4	.3	.2	.5	.3	.2	.2	.0	.0	.2	.2	.2	.2	.1
165.	.1	.2	.2	.2	.3	.0	.4	.3	.2	.5	.4	.1	.2	.0	.0	.1	.2	.2	.2	.1
170.	.2	.2	.2	.2	.3	.0	.3	.3	.3	.3	.3	.1	.2	.0	.1	.2	.3	.2	.2	.2
175.	.2	.2	.2	.3	.3	.0	.4	.3	.3	.3	.3	.1	.2	.0	.1	.2	.2	.2	.2	.3
180.	.3	.2	.2	.3	.3	.0	.5	.4	.3	.4	.3	.2	.1	.0	.1	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.4	.0	.5	.4	.4	.4	.3	.2	.1	.0	.1	.1	.2	.2	.1	.2
190.	.2	.2	.2	.2	.3	.0	.5	.4	.5	.4	.3	.2	.1	.0	.1	.1	.2	.1	.1	.2
195.	.2	.1	.2	.2	.3	.0	.6	.4	.4	.3	.2	.1	.1	.0	.0	.1	.1	.1	.1	.2

200. * .2 .2 .1 .2 .3 .0 .6 .3 .3 S35NB30A.OUT .3 .2 .1 .1 .0 .0 .1 .1 .1 .2 .2
 205. * .2 .3 .1 .1 .4 .0 .6 .3 .3 .4 .1 .1 .1 .0 .0 .0 .1 .1 .3 .1
 1

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMPS AND 7TH NB30 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.1	.3	.2	.1	.3	.0	.6	.3	.2	.4	.1	.1	.1	.0	.0	.0	.1	.2	.1	.1
215.	.1	.1	.2	.1	.3	.0	.6	.1	.1	.3	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0
220.	.1	.1	.1	.2	.2	.0	.6	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
225.	.0	.1	.0	.0	.2	.0	.5	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.1	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.0	.4	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.0	.2	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.1	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0
330.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.1	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0
335.	.0	.0	.0	.3	.1	.4	.1	.0	.0	.1	.1	.0	.1	.2	.2	.2	.1	.0	.0	.0
340.	.0	.0	.0	.3	.1	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
345.	.0	.0	.0	.3	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
350.	.0	.0	.0	.3	.1	.4	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0
355.	.0	.0	.0	.3	.1	.4	.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.3	.0	.0	.0
360.	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
MAX	.3	.3	.3	.5	.7	.4	.6	.4	.5	.5	.4	.2	.2	.2	.3	.4	.4	.2	.3	.3
DEGR.	85	125	150	90	80	15	195	180	190	155	165	140	145	125	125	110	40	45	205	95

1

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMPS AND 7TH NB30 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.2
20.	.0	.1
25.	.0	.2
30.	.0	.1
35.	.0	.0
40.	.0	.0
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.2	.0
65.	.2	.0
70.	.2	.0
75.	.3	.0
80.	.2	.0
85.	.2	.0
90.	.3	.0
95.	.3	.0
100.	.3	.0
105.	.3	.0
110.	.3	.0
115.	.3	.0
120.	.2	.0
125.	.3	.0
130.	.3	.0
135.	.3	.0
140.	.2	.0
145.	.3	.0
150.	.3	.0
155.	.3	.0
160.	.3	.0
165.	.3	.0
170.	.3	.0
175.	.3	.0
180.	.3	.0
185.	.3	.0
190.	.3	.0
195.	.3	.0
200.	.3	.0
205.	.3	.0

1

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMPS AND 7TH NB30 AM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
 ANGLE * (PPM)
 (DEGR) * REC21 REC22

210.	*	.3	.0
215.	*	.4	.0
220.	*	.3	.0
225.	*	.2	.0
230.	*	.1	.0
235.	*	.0	.0
240.	*	.0	.0
245.	*	.0	.0
250.	*	.0	.0
255.	*	.0	.0
260.	*	.0	.0
265.	*	.0	.0
270.	*	.0	.0
275.	*	.0	.1
280.	*	.0	.2
285.	*	.0	.2
290.	*	.0	.2
295.	*	.0	.2
300.	*	.0	.2
305.	*	.0	.2
310.	*	.0	.2
315.	*	.0	.2
320.	*	.0	.2
325.	*	.0	.1
330.	*	.0	.1
335.	*	.0	.1
340.	*	.0	.1
345.	*	.0	.1
350.	*	.0	.2
355.	*	.0	.2
360.	*	.0	.2

MAX * .4 .2
 DEGR * 215 0

THE HIGHEST CONCENTRATION IS .70 PPM AT 80 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 195 DEGREES FROM REC7 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 90 DEGREES FROM REC4 .

1

JOB: US 15 Ramps at 7th ST NB30A
 DATE: 01/22/2007 TIME: 13:29:31.21

RUN: US 15 RAMPS AND 7TH NB30 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 125	REC3 150	REC4 90	REC5 80	REC6 15	REC7 195	REC8 180	REC9 190	REC10 155	REC11 165	REC12 140	REC13 145	REC14 125	REC15 125	REC16 110	REC17 40	REC18 45	REC19 205	REC20 95
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.1	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
40	*	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	
41	*	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	
44	*	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
45	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

S35NB30A.OUT

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMPS AND 7TH NB30 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 125	REC3 150	REC4 90	REC5 80	REC6 15	REC7 195	REC8 180	REC9 190	REC10 155	REC11 165	REC12 140	REC13 145	REC14 125	REC15 125	REC16 110	REC17 40	REC18 45	REC19 205	REC20 95
46	*	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST NB30A
DATE: 01/22/2007 TIME: 13:29:31.21

RUN: US 15 RAMPS AND 7TH NB30 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 215	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.0
41	*	.2	.1
42	*	.1	.0
43	*	.1	.0
44	*	.0	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST NB30A

RUN: US 15 RAMPS AND 7TH NB30 AM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	215 0	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35NB30P.DAT

US 15	Ramps at 7th ST	NB30P	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	NB30 PM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	450.	2.6	0.44.	30.
2	"	AG194458.642659.194357.642629.	450.	2.6	0.44.	30.
3	"	AG194357.642629.194253.642616.	450.	2.6	0.44.	30.
4	"	AG194253.642616.194021.642603.	450.	2.6	0.44.	30.
5	"	AG194021.642603.193934.642580.	450.	2.6	0.44.	30.
6	"	AG193934.642580.193864.642544.	450.	2.6	0.44.	30.
7	"	AG193864.642544.193815.642500.	450.	2.6	0.44.	30.
8	"	AG193815.642500.193723.642340.	450.	2.6	0.44.	30.
9	" THRU T&L	AG193723.642340.193621.642288.	225.	3.8	0.32.	30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.	12.	1	
100		2.0 225 28.3 1324 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	250.	3.8	0.32.	30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.	12.	1	
100		2.0 250 28.3 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	100.	2.6	0.32.	30.
14	"	AG193240.641950.192860.641671.	100.	2.6	0.32.	30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	100.	3.5	0.44.	30.
16	"	AG193624.642212.193557.642163.	0.	24.	2	
100		2.0 100 28.3 1079 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	875.	2.6	0.32.	30.
18	SB 15 ON	RAG193722.642281.193797.642421.	875.	2.6	0.32.	30.
19	SB 15 ON	RAG193797.642421.193846.642502.	875.	2.6	0.32.	30.
20	SB 15 ON	RAG193846.642502.193887.642529.	875.	2.6	0.32.	30.
21	SB 15 ON	RAG193887.642529.193931.642541.	875.	2.6	0.32.	30.
22	SB 15 ON	RAG193931.642541.193988.642534.	875.	2.6	0.32.	30.
23	SB 15 ON	RAG193988.642534.194035.642505.	875.	2.6	0.32.	30.
24	SB 15 ON	RAG194035.642505.194069.642470.	875.	2.6	0.32.	30.
25	SB 15 ON	RAG194069.642470.194085.642414.	875.	2.6	0.32.	30.
26	SB 15 ON	RAG194085.642414.194077.642344.	875.	2.6	0.32.	30.
27	SB 15 ON	RAG194077.642344.194048.642294.	875.	2.6	0.32.	30.
28	SB 15 ON	RAG194048.642294.193964.642209.	875.	2.6	0.32.	30.
29	EB 7TH ST	AG193214.642839.193639.642234.	1000.	2.6	0.44.	30.
30	EB 7TH THRA	AG193619.642264.193564.642342.	0.	24.	2	
100		54 2.0 1000 28.3 1807 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	925.	2.6	0.44.	30.
32	EB 7th Q	AG193982.641725.193639.642234.	0.	24.	2	
65		19 2.0 925 28.3 1872 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	1100.	2.6	0.44.	30.
34	WB 7TH THRA	AG193697.642177.193742.642106.	0.	24.	2	
100		66 2.0 1100 28.3 1623 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	775.	2.6	0.44.	30.
36	WB 7TH ST	AG193658.642238.193370.642645.	775.	2.6	0.44.	30.
37	WB 7TH ST	AG193370.642645.193228.642853.	775.	2.6	0.44.	30.
38	SB 15	AG194552.642678.194349.642493.	3750.	3.5	0.44.	55.

39	1	SB 15	AG194349.642493.193973.642204.	3750.	3.5	0.	44.	55.
40	1	SB 15	AG193973.642204.193646.641977.	3750.	3.5	0.	44.	55.
41	1	SB I5	AG193646.641977.193301.641716.	3775.	3.5	0.	44.	55.
42	1	SB I5	AG193301.641716.192964.641469.	3775.	3.5	0.	44.	55.
43	1	NB I5	AG193003.641416.193391.641696.	4225.	3.3	0.	44.	50.
44	1	NB I5	AG193391.641696.193866.642041.	4225.	3.3	0.	44.	50.
45	1	NB I5	AG193866.642041.193972.642114.	4500.	3.2	0.	44.	48.
46	1	NB I270	AG193972.642114.194335.642396.	4500.	3.2	0.	44.	48.
47	1	NB I270	AG194335.642396.194598.642624.	4500.	3.2	0.	44.	48.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	425.	2.6	0.	32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	425.	2.6	0.	32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	425.	2.6	0.	32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	425.	2.6	0.	32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	425.	2.6	0.	32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	425.	2.6	0.	32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	425.	2.6	0.	32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	425.	2.6	0.	32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	425.	2.6	0.	32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	425.	2.6	0.	32.	30.
58	1	NB15 OFF	RAG194335.641940.194130.641806.	350.	3.8	0.	32.	30.
59	2	nbofrmplt	AG194040.641745.194074.641768.	0.	12.	1		
60	1	65 44	2.0 350 28.3 1770 1 3					
61	1	NB270ofrmr	AG194130.641806.193990.641711.	75.	2.6	0.	32.	30.
62	1	NB270ofrmr	AG194130.641806.194040.641788.	75.	2.6	0.	32.	30.
63	2	NB270ofrmr	AG194040.641788.193969.641812.	75.	2.9	0.	32.	30.
64	1	65 44	2.0 75 28.3 1583 1 3					
65	1	nbofrmplt	AG193976.641810.194033.641791.	0.	12.	1		
66	1	WB 7th Str	AG193969.641812.193928.641844.	75.	2.6	0.	44.	30.
67	1	WB 7th Str	AG194380.641219.194187.641464.	1425.	2.6	0.	44.	30.
68	1	WB 7th Str	AG194187.641464.194056.641641.	1425.	2.6	0.	44.	30.
69	2	WB 7th St	AG194056.641641.194003.641720.	1025.	2.6	0.	44.	30.
70	1	65 19	2.0 1025 28.3 1695 1 3					
71	1	WB 7 TQ	AG194017.641699.194051.641649.	0.	24.	2		
72	1	69 WB 7TH THRU	AG194003.641720.193928.641844.	1025.	2.6	0.	32.	30.
73	1	70 WB 7TH RIGHT	AG194056.641641.194063.641724.	400.	2.6	0.	32.	30.
74	2	71 WB 7TH RIGHT Q	AG194062.641709.194057.641655.	0.	12.	1		
75	1	90 32	2.0 1 28.3 1750 1 3					
76	1	NB 270 ONR	AG194063.641724.194399.641958.	700.	2.6	0.	32.	30.
77	1	NB 270 ONR	AG194399.641958.194473.642025.	700.	2.6	0.	32.	30.
78	1	NB 270 ONR	AG194473.642025.194525.642103.	700.	2.6	0.	32.	30.
79	1	NB 270 ONR	AG194525.642103.194564.642207.	700.	2.6	0.	32.	30.
80	1	NB 270 ONR	AG194564.642207.194607.642463.	700.	2.6	0.	32.	30.
81	1	NB 270 ONR	AG194607.642463.194637.642565.	700.	2.6	0.	32.	30.
82	1	EB 7TH STR	AG194010.641684.194223.641375.	975.	2.6	0.	32.</	

JOB: US 15 Ramps at 7th ST NB30P
DATE: 01/22/2007 TIME: 13:38:18.33

RUN: US 15 RAMPS AND 7TH NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	450.	2.6	.0	44.0		
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	450.	2.6	.0	44.0		
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	450.	2.6	.0	44.0		
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	450.	2.6	.0	44.0		
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	450.	2.6	.0	44.0		
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	450.	2.6	.0	44.0		
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	450.	2.6	.0	44.0		
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	450.	2.6	.0	44.0		
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	225.	3.8	.0	32.0		
10. 10	" THRU T&L	*	193639.0	642298.0	193753.2	642355.1	*	128.	63. AG	58.	100.0	.0	12.0	.90	6.5
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	250.	3.8	.0	32.0		
12. 12	" RIGHT	*	193665.0	642264.0	193740.1	642362.6	*	124.	37. AG	58.	100.0	.0	12.0	.83	6.3
13. 13	" QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	100.	2.6	.0	32.0		
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	100.	2.6	.0	32.0		
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	100.	3.5	.0	44.0		
16. 16	NB BIGGS RD	*	193624.0	642212.0	193607.0	642199.6	*	21.	234. AG	117.	100.0	.0	24.0	.24	1.1
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	875.	2.6	.0	32.0		
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	875.	2.6	.0	32.0		
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	875.	2.6	.0	32.0		
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	875.	2.6	.0	32.0		
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	875.	2.6	.0	32.0		
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	875.	2.6	.0	32.0		
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	875.	2.6	.0	32.0		
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	875.	2.6	.0	32.0		
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	875.	2.6	.0	32.0		
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	875.	2.6	.0	32.0		
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	875.	2.6	.0	32.0		
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	875.	2.6	.0	32.0		
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	1000.	2.6	.0	44.0		
30. 30	EB 7TH THR	*	193619.0	642264.0	193533.9	642384.7	*	148.	325. AG	82.	100.0	.0	24.0	.66	7.5
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	925.	2.6	.0	44.0		
32. 32	EB 7th Q	*	193982.0	641725.0	193955.2	641764.8	*	48.	326. AG	44.	100.0	.0	24.0	.38	2.4
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	1100.	2.6	.0	44.0		
34. 34	WB 7TH THR	*	193697.0	642177.0	194205.5	6421374.6	*	950.	148. AG	100.	100.0	.0	24.0	1.13	48.3
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642374.0	*	235.	327. AG	775.	2.6	.0	44.0		
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	775.	2.6	.0	44.0		
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	775.	2.6	.0	44.0		
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	3750.	3.5	.0	44.0		
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	3750.	3.5	.0	44.0		
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	3750.	3.5	.0	44.0		
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3775.	3.5	.0	44.0		
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3775.	3.5	.0	44.0		
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	4225.	3.3	.0	44.0		
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	4225.	3.3	.0	44.0		

JOB: US 15 Ramps at 7th ST NB30P
DATE: 01/22/2007 TIME: 13:38:18.33

RUN: US 15 RAMPS AND 7TH NB30 PM

LINK VARIABLES

LINK DESCRIPTION			LINK COORDINATES (FT)				LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
			X1	Y1	X2	Y2	(FT)	(DEG)			(G/MI)	(FT)	(FT)		(VEH)
45.	45	NB 15	193866.0	642041.0	193972.0	642114.0	129.	55.	AG	4500.	3.2	0.	44.0		
46.	46	NB 1270	193972.0	642114.0	194335.0	642396.0	460.	52.	AG	4500.	3.2	0.	44.0		
47.	47	NB 1270	194335.0	642396.0	194598.0	642624.0	348.	49.	AG	4500.	3.2	0.	44.0		
48.	48	NB15 RAMP	193972.0	642114.0	194093.0	642182.0	139.	61.	AG	425.	2.6	0.	32.0		
49.	49	NB15 OFF R*	194093.0	642182.0	194176.0	642230.0	96.	60.	AG	425.	2.6	0.	32.0		
50.	50	NB15 OFF R*	194176.0	642230.0	194259.0	642250.0	85.	76.	AG	425.	2.6	0.	32.0		
51.	51	NB15 OFF R*	194259.0	642250.0	194320.0	642246.0	61.	94.	AG	425.	2.6	0.	32.0		
52.	52	NB15 OFF R*	194320.0	642246.0	194370.0	642224.0	55.	114.	AG	425.	2.6	0.	32.0		
53.	53	NB15 OFF R*	194370.0	642224.0	194416.0	642175.0	67.	137.	AG	425.	2.6	0.	32.0		
54.	54	NB15 OFF R*	194416.0	642175.0	194437.0	642118.0	61.	160.	AG	425.	2.6	0.	32.0		
55.	55	NB15 OFF R*	194437.0	642118.0	194432.0	642050.0	68.	184.	AG	425.	2.6	0.	32.0		
56.	56	NB15 OFF R*	194432.0	642050.0	194403.0	641993.0	64.	207.	AG	425.	2.6	0.	32.0		
57.	57	NB15 OFF R*	194403.0	641993.0	194335.0	641940.0	86.	232.	AG	425.	2.6	0.	32.0		
58.	58	NB15 OFF R*	194335.0	641940.0	194130.0	641806.0	245.	237.	AG	350.	3.8	0.	32.0		
59.	59	nbofrmp1t	194040.0	641745.0	194115.8	641796.3	92.	56.	AG	51.	100.0	0.	12.0	.76	4.6
60.	60	NB270ofrmp	194130.0	641806.0	193990.0	641711.0	169.	236.	AG	75.	2.6	0.	32.0		
61.	61	NB270ofrmp	194130.0	641806.0	194040.0	641788.0	92.	259.	AG	75.	2.6	0.	32.0		
62.	62	NB270ofrmp	194040.0	641788.0	193969.0	641812.0	75.	289.	AG	75.	2.9	0.	32.0		
63.	63	nbofrmp1t	193976.0	641810.0	193993.1	641804.3	18.	108.	AG	51.	100.0	0.	12.0	.18	.9
64.	64	WB 7th Str	193969.0	641812.0	193928.0	641844.0	52.	308.	AG	75.	2.6	0.	44.0		
65.	65	WB 7th Str	194380.0	641219.0	194187.0	641464.0	312.	322.	AG	1425.	2.6	0.	44.0		
66.	66	WB 7th Str	194187.0	641464.0	194056.0	641641.0	220.	323.	AG	1425.	2.6	0.	44.0		
67.	67	WB 7th St	194056.0	641641.0	194003.0	641720.0	95.	326.	AG	1025.	2.6	0.	44.0		
68.	68	WB 7 TQ	194017.0	641699.0	194046.9	641655.0	53.	146.	AG	44.	100.0	0.	24.0	.47	2.7
69.	69	WB 7TH THRU	194003.0	641720.0	193928.0	641844.0	145.	329.	AG	1025.	2.6	0.	32.0		
70.	70	WB 7TH RIGHT	194056.0	641641.0	194063.0	641724.0	83.	5.	AG	400.	2.6	0.	32.0		
71.	71	WB 7TH RIGHT Q	194062.0	641709.0	194062.0	641708.9	0.	184.	AG	27.	100.0	0.	12.0	.00	.0
72.	72	NB 270 ONR*	194063.0	641724.0	194399.0	641958.0	409.	55.	AG	700.	2.6	0.	32.0		
73.	73	NB 270 ONR*	194399.0	641958.0	194473.0	642025.0	100.	48.	AG	700.	2.6	0.	32.0		
74.	74	NB 270 ONR*	194473.0	642025.0	194525.0	642103.0	94.	34.	AG	700.	2.6	0.	32.0		
75.	75	NB 270 ONR*	194525.0	642103.0	194564.0	642207.0	111.	21.	AG	700.	2.6	0.	32.0		
76.	76	NB 270 ONR*	194564.0	642207.0	194607.0	642463.0	260.	10.	AG	700.	2.6	0.	32.0		
77.	77	NB 270 ONR*	194607.0	642463.0	194637.0	642565.0	106.	16.	AG	700.	2.6	0.	32.0		
78.	78	EB 7TH STR*	194010.0	641684.0	194223.0	641375.0	375.	145.	AG	975.	2.6	0.	32.0		
79.	79	EB 7TH STR*	194223.0	641375.0	194360.0	641206.0	218.	141.	AG	975.	2.6	0.	32.0		

JOB: US 15 Ramps at 7th ST NB30P
DATE: 01/22/2007 TIME: 13:38:18.33

RUN: US 15 RAMP AND 7TH NB30 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	100	77	2.0	225	1324	28.30	1	3
12. 12 " QUEUE RIGHT	100	77	2.0	250	1583	28.30	1	3
16. 16 " "	100	77	2.0	100	1079	28.30	1	3
30. 30 EB 7TH THR	100	54	2.0	1000	1807	28.30	1	3
32. 32 EB 7th Q	65	19	2.0	925	1872	28.30	1	3
34. 34 WB 7TH THR	100	66	2.0	1100	1623	28.30	1	3
59. 59 nbofrmlt	65	44	2.0	350	1770	28.30	1	3
63. 63 nbofrmlt	65	44	2.0	75	1583	28.30	1	3
68. 68 WB 7 TQ	65	19	2.0	1025	1695	28.30	1	3
71. 71 WB 7TH RIGHT Q	90	32	2.0	1	1750	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMP AND 7TH NB30 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.3	.2	.8	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.1	.0	.0
5.	.0	.0	.1	.1	.3	.8	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.1	.0	.0
10.	.0	.0	.1	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.1	.0	.0
15.	.0	.0	.1	.1	.3	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0
20.	.0	.0	.1	.2	.3	.9	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0
25.	.0	.0	.0	.2	.3	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0
30.	.0	.0	.0	.2	.4	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.1	.0
35.	.0	.0	.1	.2	.4	.7	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.1	.0
40.	.0	.0	.1	.1	.3	.7	.0	.0	.1	.0	.0	.0	.0	.2	.2	.3	.3	.1	.0	.0
45.	.0	.0	.1	.1	.3	.6	.0	.0	.1	.0	.0	.0	.0	.2	.2	.3	.3	.1	.0	.0
50.	.0	.0	.0	.1	.4	.6	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0
55.	.0	.0	.0	.1	.5	.4	.0	.1	.1	.0	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0
60.	.0	.0	.0	.1	.5	.4	.0	.1	.1	.0	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0
65.	.1	.1	.1	.2	.7	.5	.0	.1	.1	.1	.0	.0	.0	.2	.3	.3	.2	.0	.0	.0
70.	.1	.2	.2	.3	.6	.5	.0	.0	.0	.1	.0	.0	.0	.2	.3	.3	.3	.1	.1	.1
75.	.1	.3	.2	.3	.6	.5	.0	.0	.0	.3	.0	.0	.0	.2	.3	.3	.2	.3	.2	.1
80.	.2	.3	.4	.3	.8	.5	.0	.0	.1	.3	.0	.0	.0	.2	.4	.6	.3	.3	.3	.1
85.	.3	.3	.3	.5	.7	.5	.0	.1	.1	.4	.1	.0	.0	.2	.4	.6	.3	.4	.2	.2
90.	.3	.2	.3	.5	.8	.5	.1	.1	.2	.4	.1	.0	.0	.2	.5	.7	.3	.2	.3	.2
95.	.2	.2	.2	.4	.8	.5	.1	.1	.3	.5	.2	.1	.0	.2	.6	.7	.4	.3	.2	.2
100.	.2	.3	.3	.5	.7	.5	.1	.2	.3	.4	.2	.2	.0	.2	.6	.6	.3	.2	.2	.2
105.	.2	.3	.2	.4	.7	.4	.2	.2	.4	.4	.2	.2	.0	.2	.6	.5	.2	.2	.3	.2
110.	.2	.3	.3	.5	.8	.4	.1	.2	.4	.4	.1	.2	.0	.2	.6	.6	.1	.2	.3	.2
115.	.2	.3	.3	.5	.9	.4	.1	.2	.4	.4	.2	.1	.0	.2	.5	.5	.3	.2	.3	.2
120.	.2	.3	.3	.5	.8	.4	.2	.2	.4	.3	.2	.0	.0	.2	.6	.4	.3	.3	.3	.2
125.	.2	.4	.3	.5	.7	.4	.2	.2	.4	.3	.2	.0	.0	.2	.6	.5	.4	.3	.3	.2
130.	.2	.4	.3	.5	.7	.4	.2	.2	.4	.3	.2	.1	.0	.2	.6	.5	.6	.3	.3	.2
135.	.2	.3	.3	.5	.7	.4	.2	.1	.3	.4	.2	.1	.1	.2	.5	.5	.6	.3	.3	.2
140.	.2	.2	.3	.5	.7	.4	.2	.2	.3	.4	.2	.2	.1	.3	.5	.6	.6	.3	.2	.2
145.	.2	.2	.3	.5	.6	.4	.2	.2	.4	.4	.2	.3	.3	.2	.5	.6	.6	.3	.2	.2
150.	.2	.2	.3	.3	.6	.3	.2	.2	.4	.6	.4	.4	.3	.2	.5	.3	.5	.2	.2	.2
155.	.2	.2	.3	.3	.5	.2	.2	.3	.4	.6	.5	.5	.2	.1	.3	.3	.4	.2	.2	.2
160.	.2	.2	.2	.2	.4	.1	.2	.3	.5	.6	.5	.6	.2	.0	.1	.2	.3	.2	.2	.1
165.	.2	.2	.2	.2	.3	.0	.2	.3	.5	.6	.6	.4	.2	.0	.1	.1	.3	.2	.2	.2
170.	.2	.2	.2	.2	.3	.0	.0	.4	.5	.5	.4	.4	.2	.0	.2	.2	.3	.2	.2	.2
175.	.2	.2	.2	.3	.3	.0	.1	.5	.5	.3	.4	.4	.2	.0	.2	.2	.3	.2	.2	.3
180.	.3	.2	.2	.3	.3	.0	.2	.5	.5	.3	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2
185.	.2	.2	.2	.2	.3	.0	.2	.4	.5	.5	.6	.5	.2	.0	.1	.2	.2	.2	.2	.2
190.	.2	.2	.2	.2	.3	.0	.2	.6	.4	.5	.6	.4	.2	.0	.1	.2	.2	.2	.1	.2
195.	.2	.3	.2	.2	.3	.0	.2	.4	.4	.5	.5	.3	.2	.0	.0	.1	.2	.2	.2	.2

S35NB30P.OUT

200.	*	.2	.2	.3	.2	.3	.0	.2	.4	.4	.5	.5	.3	.2	.0	.0	.1	.2	.2	.2	.2
205.	*	.2	.3	.2	.2	.3	.0	.1	.4	.4	.4	.4	.2	.2	.0	.0	.1	.2	.2	.2	.2

1

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMPS AND 7TH NB30 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.2	.3	.3	.0	.0	.3	.3	.4	.4	.2	.2	.0	.0	.0	.2	.3	.2	.1
215.	.1	.2	.3	.2	.4	.0	.0	.1	.2	.3	.4	.2	.2	.0	.0	.0	.0	.2	.1	.0
220.	.1	.1	.2	.3	.4	.0	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
225.	.0	.0	.0	.0	.3	.0	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.1	.0	.0	.0	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.0	.0	.1	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.1	.0	.1	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.1	.0	.2	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.2	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.2	.0	.5	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0
320.	.0	.0	.0	.2	.0	.5	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
325.	.0	.0	.0	.4	.3	.6	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0
330.	.0	.0	.0	.4	.3	.6	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.0
335.	.0	.0	.0	.4	.3	.8	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.0	.0	.0	.0
340.	.0	.0	.0	.5	.2	.7	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.0	.0	.0	.0
345.	.0	.0	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0	.0
350.	.0	.0	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0	.0
355.	.0	.1	.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0	.0
360.	.0	.1	.3	.2	.8	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.1	.0	.0	.0
MAX	.3	.4	.4	.5	.9	.9	.2	.6	.5	.6	.6	.6	.3	.3	.6	.7	.6	.4	.3	.3
DEGR.	85	125	80	85	115	20	105	190	160	150	165	160	145	140	95	90	130	85	80	175

1

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMPS AND 7TH NB30 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.1
25.	*	.1
30.	*	.1
35.	*	.1
40.	*	.0
45.	*	.0
50.	*	.0
55.	*	.2
60.	*	.4
65.	*	.4
70.	*	.4
75.	*	.4
80.	*	.5
85.	*	.4
90.	*	.5
95.	*	.4
100.	*	.4
105.	*	.4
110.	*	.4
115.	*	.3
120.	*	.3
125.	*	.4
130.	*	.4
135.	*	.4
140.	*	.2
145.	*	.3
150.	*	.3
155.	*	.3
160.	*	.3
165.	*	.3
170.	*	.3
175.	*	.3
180.	*	.3
185.	*	.3
190.	*	.3
195.	*	.3
200.	*	.3
205.	*	.4

1

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMPS AND 7TH NB30 PM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22

210.	*	.4	.0
215.	*	.3	.0
220.	*	.3	.0
225.	*	.3	.0
230.	*	.1	.0
235.	*	.0	.0
240.	*	.0	.0
245.	*	.0	.0
250.	*	.0	.0
255.	*	.0	.0
260.	*	.0	.0
265.	*	.0	.0
270.	*	.0	.1
275.	*	.0	.1
280.	*	.0	.2
285.	*	.0	.2
290.	*	.0	.2
295.	*	.0	.2
300.	*	.0	.2
305.	*	.0	.2
310.	*	.0	.2
315.	*	.0	.2
320.	*	.0	.2
325.	*	.0	.1
330.	*	.0	.1
335.	*	.0	.2
340.	*	.0	.2
345.	*	.0	.2
350.	*	.0	.2
355.	*	.0	.2
360.	*	.0	.2

MAX * .5 .2
DEGR * 80 0

THE HIGHEST CONCENTRATION IS .90 PPM AT 20 DEGREES FROM REC6 .
THE 2ND HIGHEST CONCENTRATION IS .90 PPM AT 115 DEGREES FROM REC5 .
THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 90 DEGREES FROM REC16.

1

JOB: US 15 Ramps at 7th ST NB30P
DATE: 01/22/2007 TIME: 13:38:18.33

RUN: US 15 RAMPS AND 7TH NB30 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 125	REC3 80	REC4 85	REC5 115	REC6 20	REC7 105	REC8 190	REC9 160	REC10 150	REC11 165	REC12 160	REC13 145	REC14 140	REC15 95	REC16 90	REC17 130	REC18 85	REC19 80	REC20 175
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.0	.0	.0	
31	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.1	.1	.1	.3	.3	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.2	.0	.0	
35	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
36	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	
37	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
38	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
39	*	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	
40	*	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	
41	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
42	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
43	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
44	*	.1	.1	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	
45	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

1

S35NB30P.OUT

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMPS AND 7TH NB30 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 85	REC2 125	REC3 80	REC4 85	REC5 115	REC6 20	REC7 105	REC8 190	REC9 160	REC10 150	REC11 165	REC12 160	REC13 145	REC14 140	REC15 95	REC16 90	REC17 130	REC18 85	REC19 80	REC20 175
46	*	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST NB30P
DATE: 01/22/2007 TIME: 13:38:18.33

RUN: US 15 RAMPS AND 7TH NB30 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 80	REC22 0
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.1	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.0	.1
45	*	.1	.0

1

JOB: US 15 Ramps at 7th ST NB30P

RUN: US 15 RAMPS AND 7TH NB30 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	80 0	
46	*	.1 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B130A.DAT

US 15	Ramps at 7th ST	B130A	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B130 AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	750. 2.6	0. 44.	30.	
2	"	AG194458.642659.194357.642629.	750. 2.6	0. 44.	30.	
3	"	AG194357.642629.194253.642616.	750. 2.6	0. 44.	30.	
4	"	AG194253.642616.194021.642603.	750. 2.6	0. 44.	30.	
5	"	AG194021.642603.193934.642580.	750. 2.6	0. 44.	30.	
6	"	AG193934.642580.193864.642544.	750. 2.6	0. 44.	30.	
7	"	AG193864.642544.193815.642500.	750. 2.6	0. 44.	30.	
8	"	AG193815.642500.193723.642340.	750. 2.6	0. 44.	30.	
9	" THRU T&L	AG193723.642340.193621.642288.	175. 2.6	0. 32.	30.	
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1		
	75	51 2.0 175 28.3 1373 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	600. 2.6	0. 32.	30.	
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1		
	75	51 2.0 600 28.3 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	75. 2.6	0. 32.	30.	
14	"	AG193240.641950.192860.641671.	75. 2.6	0. 32.	30.	
15	NB BIGGS RD	AG192865.641660.193652.642232.	75. 2.6	0. 44.	30.	
16	"	AG193624.642212.193557.642163.	0. 24.	2		
	75	51 2.0 75 28.3 1304 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	425. 2.6	0. 32.	30.	
18	SB 15 ON	RAG193722.642281.193797.642421.	425. 2.6	0. 32.	30.	
19	SB 15 ON	RAG193797.642421.193846.642502.	425. 2.6	0. 32.	30.	
20	SB 15 ON	RAG193846.642502.193887.642529.	425. 2.6	0. 32.	30.	
21	SB 15 ON	RAG193887.642529.193931.642541.	425. 2.6	0. 32.	30.	
22	SB 15 ON	RAG193931.642541.193988.642534.	425. 2.6	0. 32.	30.	
23	SB 15 ON	RAG193988.642534.194035.642505.	425. 2.6	0. 32.	30.	
24	SB 15 ON	RAG194035.642505.194069.642470.	425. 2.6	0. 32.	30.	
25	SB 15 ON	RAG194069.642470.194085.642414.	425. 2.6	0. 32.	30.	
26	SB 15 ON	RAG194085.642414.194077.642344.	425. 2.6	0. 32.	30.	
27	SB 15 ON	RAG194077.642344.194048.642294.	425. 2.6	0. 32.	30.	
28	SB 15 ON	RAG194048.642294.193964.642209.	425. 2.6	0. 32.	30.	
29	EB 7TH ST	AG193214.642839.193639.642234.	425. 2.6	0. 44.	30.	
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2		
	75	54 2.0 425 28.3 1838 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	425. 2.6	0. 44.	30.	
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2		
	45	20 2.0 425 28.3 1256 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	875. 2.6	0. 44.	30.	
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2		
	45	20 2.0 875 28.3 1732 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	1150. 2.6	0. 44.	30.	
36	WB 7TH ST	AG193658.642238.193370.642645.	1150. 2.6	0. 44.	30.	
37	WB 7TH ST	AG193370.642645.193228.642853.	1150. 2.6	0. 44.	30.	
38	SB 15	AG194552.642678.194349.642493.	5425. 3.7	0. 44.	59.	

[illegible]

JOB: US 15 Ramps at 7th ST B130A
DATE: 01/22/2007 TIME: 12:08:21.46

RUN: US 15 RAMPS AND 7TH B130 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	750.	2.6	.0	44.0	
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	750.	2.6	.0	44.0	
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	750.	2.6	.0	44.0	
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	750.	2.6	.0	44.0	
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	750.	2.6	.0	44.0	
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	750.	2.6	.0	44.0	
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	750.	2.6	.0	44.0	
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	750.	2.6	.0	44.0	
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	175.	2.6	.0	32.0	
10. 10	THRU T&L	* 193639.0	642298.0	193682.7	642319.8	*	49.	63. AG	52.	100.0	.0	12.0	.48 2.5
11. 11	QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	600.	2.6	.0	32.0	
12. 12	RIGHT	* 193665.0	642264.0	194913.8	643904.8	*	2062.	37. AG	52.	100.0	.0	12.0	1.42 104.7
13. 13	QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	75.	2.6	.0	32.0	
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	75.	2.6	.0	32.0	
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	75.	2.6	.0	44.0	
16. 16	NB BIGGS RD	* 193624.0	642212.0	193615.7	642205.9	*	10.	234. AG	103.	100.0	.0	24.0	.11 .5
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	425.	2.6	.0	32.0	
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	425.	2.6	.0	32.0	
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	425.	2.6	.0	32.0	
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	425.	2.6	.0	32.0	
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	425.	2.6	.0	32.0	
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	425.	2.6	.0	32.0	
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	425.	2.6	.0	32.0	
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	425.	2.6	.0	32.0	
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	425.	2.6	.0	32.0	
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	425.	2.6	.0	32.0	
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	425.	2.6	.0	32.0	
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	425.	2.6	.0	32.0	
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	425.	2.6	.0	44.0	
30. 30	EB 7TH THR	* 193619.0	642264.0	193582.9	642153.2	*	63.	325. AG	109.	100.0	.0	24.0	.51 3.2
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	425.	2.6	.0	44.0	
32. 32	EB 7th Q	* 193982.0	641725.0	193969.0	641744.2	*	23.	326. AG	67.	100.0	.0	24.0	.36 1.2
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	875.	2.6	.0	44.0	
34. 34	WB 7TH THR	* 193697.0	642177.0	193722.6	642136.7	*	48.	148. AG	67.	100.0	.0	24.0	.54 2.4
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	1150.	2.6	.0	44.0	
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	1150.	2.6	.0	44.0	
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	1150.	2.6	.0	44.0	
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	5425.	3.7	.0	44.0	
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	5425.	3.7	.0	44.0	
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	5425.	3.7	.0	44.0	
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	5425.	3.7	.0	44.0	
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	5425.	3.7	.0	44.0	
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	3775.	3.7	.0	44.0	
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	3775.	3.7	.0	44.0	

JOB: US 15 Ramps at 7th ST B130A
DATE: 01/22/2007 TIME: 12:08:21.46

RUN: US 15 RAMPS AND 7TH B130 AM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	3775.	3.7	.0	44.0	
46. 46	NB 1270	* 193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	3775.	3.7	.0	44.0	
47. 47	NB 1270	* 194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	3775.	3.7	.0	44.0	
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	825.	2.6	.0	32.0	
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	825.	2.6	.0	32.0	
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	825.	2.6	.0	32.0	
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	825.	2.6	.0	32.0	
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	825.	2.6	.0	32.0	
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	825.	2.6	.0	32.0	
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	825.	2.6	.0	32.0	
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	825.	2.6	.0	32.0	
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	825.	2.6	.0	32.0	
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	825.	2.6	.0	32.0	
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	425.	2.6	.0	32.0	
59. 59	nbofrmp1t	* 194040.0	641745.0	194084.3	641775.0	*	53.	56. AG	39.	100.0	.0	12.0	.60 2.7
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	400.	2.6	.0	32.0	
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	400.	2.6	.0	32.0	
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	400.	2.9	.0	32.0	
63. 63	nbofrmp1t	* 193976.0	641810.0	194023.7	641794.1	*	50.	108. AG	39.	100.0	.0	12.0	.63 2.6
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	750.	2.6	.0	44.0	
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	1150.	2.6	.0	44.0	
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	1150.	2.6	.0	44.0	
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	1150.	2.6	.0	44.0	
68. 68	WB 7 TQ	* 194017.0	641699.0	194038.2	641667.8	*	38.	146. AG	40.	100.0	.0	24.0	.53 1.9
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	750.	2.6	.0	32.0	
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	125.	2.6	.0	32.0	
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194060.7	641695.4	*	14.	185. AG	34.	100.0	.0	12.0	.15 .7
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	200.	2.6	.0	32.0	
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	200.	2.6	.0	32.0	
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	200.	2.6	.0	32.0	
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	200.	2.6	.0	32.0	
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	200.	2.6	.0	32.0	
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	200.	2.6	.0	32.0	
78. 78	EB 7TH STR	* 194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	850.	2.6	.0	32.0	
79. 79	EB 7TH STR	* 194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	850.	2.6	.0	32.0	

JOB: US 15 Ramps at 7th ST B130A
DATE: 01/22/2007 TIME: 12:08:21.46

RUN: US 15 RAMP AND 7TH B130 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	75	51	2.0	175	1373	28.30	1	3
12. 12 " QUEUE RIGHT	75	51	2.0	600	1583	28.30	1	3
16. 16 " "	75	51	2.0	75	1304	28.30	1	3
30. 30 EB 7TH THR	75	54	2.0	425	1838	28.30	1	3
32. 32 EB 7th Q	45	20	2.0	425	1256	28.30	1	3
34. 34 WB 7TH THR	45	20	2.0	875	1732	28.30	1	3
59. 59 nbofrmlpt	45	23	2.0	425	1770	28.30	1	3
63. 63 nbofrmlpt	45	23	2.0	400	1583	28.30	1	3
68. 68 WB 7 TQ	45	12	2.0	1150	1699	28.30	1	3
71. 71 WB 7TH RIGHT Q	45	20	2.0	125	1731	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMP AND 7TH B130 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
5.	.0	.0	.0	.1	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
10.	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0
15.	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0
20.	.0	.0	.1	.1	.3	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0
25.	.0	.0	.0	.1	.3	.5	.5	.1	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
30.	.0	.0	.1	.1	.3	.4	.5	.2	.2	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0
35.	.0	.1	.1	.1	.3	.3	.5	.2	.2	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0
40.	.0	.1	.1	.2	.2	.3	.5	.2	.3	.1	.0	.0	.0	.1	.1	.1	.4	.2	.1	.0
45.	.0	.1	.1	.2	.2	.3	.5	.2	.3	.1	.1	.0	.0	.1	.1	.2	.4	.2	.1	.0
50.	.0	.0	.1	.1	.3	.2	.5	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.2	.1	.0
55.	.0	.0	.0	.1	.3	.1	.4	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.1	.0	.0
60.	.2	.1	.1	.2	.4	.1	.3	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.0	.0	.0
65.	.2	.1	.1	.2	.6	.1	.3	.2	.3	.1	.1	.0	.0	.1	.1	.2	.4	.1	.1	.1
70.	.2	.3	.2	.3	.6	.1	.2	.2	.2	.1	.1	.0	.0	.1	.1	.3	.3	.1	.1	.2
75.	.1	.3	.3	.3	.6	.1	.3	.3	.3	.2	.0	.0	.0	.1	.1	.4	.2	.2	.2	.2
80.	.3	.3	.3	.4	.6	.1	.4	.4	.3	.2	.1	.0	.0	.1	.2	.3	.3	.3	.1	.1
85.	.3	.3	.3	.4	.6	.1	.4	.3	.3	.4	.1	.1	.0	.1	.2	.3	.3	.3	.2	.2
90.	.3	.2	.3	.4	.6	.1	.3	.3	.4	.4	.1	.1	.0	.1	.2	.5	.3	.3	.2	.3
95.	.4	.2	.2	.6	.6	.0	.4	.3	.4	.4	.2	.1	.0	.1	.3	.5	.3	.2	.2	.3
100.	.3	.3	.2	.5	.5	.0	.5	.4	.4	.4	.2	.1	.0	.2	.3	.5	.3	.1	.2	.3
105.	.3	.3	.2	.5	.5	.0	.3	.4	.4	.5	.2	.2	.1	.2	.3	.6	.2	.2	.3	.2
110.	.3	.3	.3	.5	.6	.0	.2	.4	.4	.5	.2	.2	.1	.2	.4	.5	.2	.2	.3	.2
115.	.3	.3	.3	.5	.6	.0	.3	.4	.4	.4	.3	.2	.1	.3	.2	.5	.2	.2	.2	.3
120.	.3	.3	.3	.5	.6	.1	.4	.4	.5	.3	.1	.1	.1	.2	.4	.5	.2	.3	.2	.3
125.	.3	.3	.3	.4	.6	.1	.4	.4	.5	.3	.1	.1	.0	.2	.4	.4	.3	.3	.2	.2
130.	.3	.3	.3	.4	.6	.1	.4	.4	.4	.3	.1	.1	.1	.3	.4	.3	.3	.2	.3	.3
135.	.3	.3	.3	.3	.5	.1	.4	.5	.3	.3	.1	.1	.2	.3	.4	.3	.4	.2	.3	.3
140.	.3	.3	.3	.3	.5	.0	.4	.4	.3	.2	.2	.2	.2	.3	.2	.3	.3	.2	.2	.3
145.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.3
150.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.5	.3	.2	.3	.1	.2	.2	.3	.3	.2	.3
155.	.3	.3	.3	.3	.4	.0	.4	.3	.2	.5	.4	.4	.2	.0	.2	.2	.3	.3	.2	.2
160.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.5	.4	.4	.2	.1	.3	.2	.2	.2	.2	.1
165.	.3	.3	.3	.3	.4	.0	.5	.3	.3	.5	.4	.4	.3	.1	.2	.3	.3	.2	.3	.2
170.	.2	.3	.3	.3	.4	.0	.5	.4	.3	.3	.5	.3	.3	.1	.2	.2	.3	.2	.3	.3
175.	.3	.3	.3	.3	.4	.0	.4	.4	.3	.4	.5	.3	.2	.1	.2	.2	.3	.3	.3	.3
180.	.3	.3	.3	.3	.4	.0	.4	.4	.3	.5	.4	.3	.2	.1	.2	.2	.2	.3	.3	.3
185.	.3	.3	.3	.4	.4	.0	.4	.4	.4	.4	.4	.3	.1	.0	.1	.2	.2	.3	.3	.2
190.	.2	.3	.3	.3	.4	.0	.6	.5	.4	.4	.4	.2	.1	.0	.1	.2	.3	.3	.1	.2
195.	.3	.4	.3	.3	.4	.0	.6	.5	.5	.4	.3	.2	.1	.0	.1	.1	.3	.3	.2	.2

200. * .3 .4 .4 .3 .4 .0 .7 .4 .4 .4 .3 .2 .1 .0 .2 .1 .2 .2 .3 .2
 205. * .3 .3 .4 .3 .5 .0 .8 .4 .3 .4 .3 .2 .1 .0 .1 .3 .3 .3 .3 .2

1

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMPS AND 7TH B130 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.3	.3	.5	.4	.0	.7	.3	.2	.5	.2	.2	.1	.0	.1	.1	.3	.3	.2	.1
215.	.1	.3	.3	.3	.6	.0	.7	.3	.3	.5	.2	.1	.1	.0	.0	.1	.2	.2	.1	.1
220.	.1	.1	.3	.3	.5	.0	.6	.0	.1	.4	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0
225.	.0	.1	.1	.2	.4	.0	.6	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
230.	.0	.0	.0	.1	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.2	.4	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.3	.4	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0
330.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0
335.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0
340.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
345.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
350.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
355.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
360.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
MAX	.4	.4	.4	.6	.6	.5	.8	.5	.5	.5	.5	.4	.3	.3	.4	.6	.4	.3	.3	.3
DEGR.	95	195	200	95	65	0	205	135	120	105	170	155	150	115	110	105	10	80	80	90

1

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMPS AND 7TH B130 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to
 the maximum concentration, only the first
 angle, of the angles with same maximum
 concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.3
20.	.0	.3
25.	.1	.2
30.	.1	.2
35.	.1	.2
40.	.1	.0
45.	.0	.0
50.	.1	.0
55.	.2	.0
60.	.2	.0
65.	.4	.0
70.	.4	.0
75.	.5	.0
80.	.4	.0
85.	.4	.0
90.	.4	.0
95.	.4	.0
100.	.4	.0
105.	.4	.0
110.	.4	.0
115.	.3	.0
120.	.4	.0
125.	.4	.0
130.	.3	.0
135.	.4	.0
140.	.4	.0
145.	.3	.0
150.	.4	.0
155.	.4	.0
160.	.4	.0
165.	.4	.0
170.	.4	.0
175.	.4	.0
180.	.4	.0
185.	.4	.0
190.	.4	.0
195.	.4	.0
200.	.4	.0
205.	.5	.0

1

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMPS AND 7TH B130 AM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22

```

210. * .6 .0
215. * .4 .0
220. * .4 .0
225. * .3 .0
230. * .2 .0
235. * .1 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .1
275. * .0 .2
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .2
330. * .0 .3
335. * .0 .2
340. * .0 .2
345. * .0 .2
350. * .0 .2
355. * .0 .2
360. * .0 .2

```

```

MAX * .6 .3
DEGR * 210 15

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 205 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 95 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC5 .

1

JOB: US 15 Ramps at 7th ST B130A
DATE: 01/22/2007 TIME: 12:08:21.46

RUN: US 15 RAMPS AND 7TH B130 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 95	REC2 195	REC3 200	REC4 95	REC5 65	REC6 0	REC7 205	REC8 135	REC9 120	REC10 105	REC11 170	REC12 155	REC13 150	REC14 115	REC15 110	REC16 105	REC17 10	REC18 80	REC19 80	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.3	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0
40	.1	.0	.0	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1
41	.2	.2	.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
45	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35B130A.OUT

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMPS AND 7TH B130 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 95	REC2 195	REC3 200	REC4 95	REC5 65	REC6 0	REC7 205	REC8 135	REC9 120	REC10 105	REC11 170	REC12 155	REC13 150	REC14 115	REC15 110	REC16 105	REC17 10	REC18 80	REC19 80	REC20 90
46	*	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B130A
DATE: 01/22/2007 TIME: 12:08:21.46

RUN: US 15 RAMPS AND 7TH B130 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 210	REC22 15
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.1
41	*	.3	.1
42	*	.1	.0
43	*	.1	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST B130A

RUN: US 15 RAMPS AND 7TH B130 AM

PAGE 11

		CO/LINK (PPM)	
		ANGLE (DEGREES)	
		REC21 REC22	
LINK #	*	210 15	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B130P.DAT

US 15	Ramps at 7th ST	B130P	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B130 PM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	500.	2.6	0.44.	30.
2	"	AG194458.642659.194357.642629.	500.	2.6	0.44.	30.
3	"	AG194357.642629.194253.642616.	500.	2.6	0.44.	30.
4	"	AG194253.642616.194021.642603.	500.	2.6	0.44.	30.
5	"	AG194021.642603.193934.642580.	500.	2.6	0.44.	30.
6	"	AG193934.642580.193864.642544.	500.	2.6	0.44.	30.
7	"	AG193864.642544.193815.642500.	500.	2.6	0.44.	30.
8	"	AG193815.642500.193723.642340.	500.	2.6	0.44.	30.
9	" THRU T&L	AG193723.642340.193621.642288.	225.	2.6	0.32.	30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.	12.	1	
	80	58 2.0 225 28.3 1324 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	300.	2.6	0.32.	30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.	12.	1	
	80	58 2.0 300 28.3 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	100.	2.6	0.32.	30.
14	"	AG193240.641950.192860.641671.	100.	2.6	0.32.	30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	100.	2.6	0.44.	30.
16	"	AG193624.642212.193557.642163.	0.	24.	2	
	80	58 2.0 100 28.3 1162 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	975.	2.6	0.32.	30.
18	SB 15 ON	RAG193722.642281.193797.642421.	975.	2.6	0.32.	30.
19	SB 15 ON	RAG193797.642421.193846.642502.	975.	2.6	0.32.	30.
20	SB 15 ON	RAG193846.642502.193887.642529.	975.	2.6	0.32.	30.
21	SB 15 ON	RAG193887.642529.193931.642541.	975.	2.6	0.32.	30.
22	SB 15 ON	RAG193931.642541.193988.642534.	975.	2.6	0.32.	30.
23	SB 15 ON	RAG193988.642534.194035.642505.	975.	2.6	0.32.	30.
24	SB 15 ON	RAG194035.642505.194069.642470.	975.	2.6	0.32.	30.
25	SB 15 ON	RAG194069.642470.194085.642414.	975.	2.6	0.32.	30.
26	SB 15 ON	RAG194085.642414.194077.642344.	975.	2.6	0.32.	30.
27	SB 15 ON	RAG194077.642344.194048.642294.	975.	2.6	0.32.	30.
28	SB 15 ON	RAG194048.642294.193964.642209.	975.	2.6	0.32.	30.
29	EB 7TH ST	AG193214.642839.193639.642234.	1050.	2.6	0.44.	30.
30	EB 7TH THRA	AG193619.642264.193564.642342.	0.	24.	2	
	80	42 2.0 1050 28.3 1807 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	900.	2.6	0.44.	30.
32	EB 7th Q	AG193982.641725.193639.642234.	0.	24.	2	
	60	19 2.0 900 28.3 976 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	1350.	2.6	0.44.	30.
34	WB 7TH THRA	AG193697.642177.193742.642106.	0.	24.	2	
	60	19 2.0 1350 28.3 1681 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	1000.	2.6	0.44.	30.
36	WB 7TH ST	AG193658.642238.193370.642645.	1000.	2.6	0.44.	30.
37	WB 7TH ST	AG193370.642645.193228.642853.	1000.	2.6	0.44.	30.
38	SB 15	AG194552.642678.194349.642493.	3900.	3.7	0.44.	59.

[illegible]

JOB: US 15 Ramps at 7th ST B130P
 DATE: 01/22/2007 TIME: 12:11:11.73

RUN: US 15 RAMPS AND 7TH B130 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
 U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	500.	2.6	.0	44.0		
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	500.	2.6	.0	44.0		
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	500.	2.6	.0	44.0		
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	500.	2.6	.0	44.0		
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	500.	2.6	.0	44.0		
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	500.	2.6	.0	44.0		
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	500.	2.6	.0	44.0		
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	500.	2.6	.0	44.0		
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	225.	2.6	.0	32.0		
10. 10	THRU T&L	*	193639.0	642298.0	193710.2	642333.6	*	80.	63. AG	55.	100.0	.0	12.0	.76	4.0
11. 11	QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	300.	2.6	.0	32.0		
12. 12	RIGHT	*	193665.0	642264.0	193735.4	642356.5	*	116.	37. AG	55.	100.0	.0	12.0	.84	5.9
13. 13	QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	100.	2.6	.0	32.0		
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	100.	2.6	.0	32.0		
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	100.	2.6	.0	44.0		
16. 16	NB BIGGS RD	*	193624.0	642212.0	193611.2	642202.6	*	16.	234. AG	110.	100.0	.0	24.0	.19	.8
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	975.	2.6	.0	32.0		
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	975.	2.6	.0	32.0		
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	975.	2.6	.0	32.0		
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	975.	2.6	.0	32.0		
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	975.	2.6	.0	32.0		
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	975.	2.6	.0	32.0		
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	975.	2.6	.0	32.0		
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	975.	2.6	.0	32.0		
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	975.	2.6	.0	32.0		
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	975.	2.6	.0	32.0		
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	975.	2.6	.0	32.0		
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	975.	2.6	.0	32.0		
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	1050.	2.6	.0	44.0		
30. 30	EB 7TH THR	*	193619.0	642264.0	193549.5	642362.5	*	121.	325. AG	80.	100.0	.0	24.0	.68	6.1
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	900.	2.6	.0	44.0		
32. 32	EB 7th Q	*	193982.0	641725.0	193954.2	641766.3	*	50.	326. AG	48.	100.0	.0	24.0	.75	2.5
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	1350.	2.6	.0	44.0		
34. 34	WB 7TH THR	*	193697.0	642177.0	193734.5	642217.8	*	70.	148. AG	48.	100.0	.0	24.0	.65	3.6
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	1000.	2.6	.0	44.0		
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	1000.	2.6	.0	44.0		
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	1000.	2.6	.0	44.0		
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	3900.	3.7	.0	44.0		
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	3900.	3.7	.0	44.0		
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	3900.	3.7	.0	44.0		
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3900.	3.7	.0	44.0		
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3900.	3.7	.0	44.0		
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	5400.	3.7	.0	44.0		
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	5400.	3.7	.0	44.0		

JOB: US 15 Ramps at 7th ST B130P
 DATE: 01/22/2007 TIME: 12:11:11.73

RUN: US 15 RAMPS AND 7TH B130 PM

LINK VARIABLES

LINK DESCRIPTION			*	LINK COORDINATES (FT)				*	LENGTH	BRG TYPE	VPH	EF	H	W	V/C	QUEUE
			*	X1	Y1	X2	Y2	*	(FT)	(DEG)		(G/MI)	(FT)	(FT)		(VEH)
45.	45	NB I5	*	193866.0	642041.0	193972.0	642114.0	*	129.	55. AG	5400.	3.7	.0	44.0		
46.	46	NB I270	*	193972.0	642114.0	194335.0	642396.0	*	460.	52. AG	5400.	3.7	.0	44.0		
47.	47	NB I270	*	194335.0	642396.0	194598.0	642624.0	*	348.	49. AG	5400.	3.7	.0	44.0		
48.	48	NB15 RAMP	*	193972.0	642114.0	194093.0	642182.0	*	139.	61. AG	425.	2.6	.0	32.0		
49.	49	NB15 OFF R*	*	194093.0	642182.0	194176.0	642230.0	*	96.	60. AG	425.	2.6	.0	32.0		
50.	50	NB15 OFF R*	*	194176.0	642230.0	194259.0	642250.0	*	85.	76. AG	425.	2.6	.0	32.0		
51.	51	NB15 OFF R*	*	194259.0	642250.0	194320.0	642246.0	*	61.	94. AG	425.	2.6	.0	32.0		
52.	52	NB15 OFF R*	*	194320.0	642246.0	194370.0	642224.0	*	55.	114. AG	425.	2.6	.0	32.0		
53.	53	NB15 OFF R*	*	194370.0	642224.0	194416.0	642175.0	*	67.	137. AG	425.	2.6	.0	32.0		
54.	54	NB15 OFF R*	*	194416.0	642175.0	194437.0	642118.0	*	61.	160. AG	425.	2.6	.0	32.0		
55.	55	NB15 OFF R*	*	194437.0	642118.0	194432.0	642050.0	*	68.	184. AG	425.	2.6	.0	32.0		
56.	56	NB15 OFF R*	*	194432.0	642050.0	194403.0	641993.0	*	64.	207. AG	425.	2.6	.0	32.0		
57.	57	NB15 OFF R*	*	194403.0	641993.0	194335.0	641940.0	*	86.	232. AG	425.	2.6	.0	32.0		
58.	58	NB15 OFF R*	*	194335.0	641940.0	194130.0	641806.0	*	245.	237. AG	325.	3.8	.0	32.0		
59.	59	nbofrmp1t	*	194040.0	641745.0	194097.4	641783.9	*	69.	56. AG	49.	100.0	.0	12.0	.65	3.5
60.	60	NB270ofrmp	*	194130.0	641806.0	193990.0	641711.0	*	169.	236. AG	100.	2.6	.0	32.0		
61.	61	NB270ofrmp	*	194130.0	641806.0	194040.0	641788.0	*	92.	259. AG	100.	2.6	.0	32.0		
62.	62	NB270ofrmp	*	194040.0	641788.0	193969.0	641812.0	*	75.	289. AG	100.	2.6	.0	32.0		
63.	63	nbofrmp1t	*	193976.0	641810.0	193996.2	641803.3	*	21.	108. AG	49.	100.0	.0	12.0	.22	1.1
64.	64	WB 7th Str	*	193969.0	641812.0	193928.0	641844.0	*	52.	308. AG	900.	2.6	.0	44.0		
65.	65	WB 7th Str	*	194380.0	641219.0	194187.0	641464.0	*	312.	322. AG	900.	2.6	.0	44.0		
66.	66	WB 7th Str	*	194187.0	641464.0	194056.0	641641.0	*	220.	323. AG	900.	2.6	.0	44.0		
67.	67	WB 7th St	*	194056.0	641641.0	194003.0	641720.0	*	95.	326. AG	900.	2.6	.0	44.0		
68.	68	WB 7 TQ	*	194017.0	641699.0	194043.3	641660.4	*	47.	146. AG	48.	100.0	.0	24.0	.43	2.4
69.	69	WB 7TH THRU	*	194003.0	641720.0	193928.0	641844.0	*	145.	329. AG	900.	2.6	.0	32.0		
70.	70	WB 7TH RIGHT	*	194056.0	641641.0	194063.0	641724.0	*	83.	5. AG	450.	2.6	.0	32.0		
71.	71	WB 7TH RIGHT Q	*	194062.0	641709.0	194057.7	641662.5	*	47.	185. AG	24.	100.0	.0	12.0	.43	2.4
72.	72	NB 270 ONR*	*	194063.0	641724.0	194399.0	641958.0	*	409.	55. AG	325.	2.6	.0	32.0		
73.	73	NB 270 ONR*	*	194399.0	641958.0	194473.0	642025.0	*	100.	48. AG	325.	2.6	.0	32.0		
74.	74	NB 270 ONR*	*	194473.0	642025.0	194525.0	642103.0	*	94.	34. AG	325.	2.6	.0	32.0		
75.	75	NB 270 ONR*	*	194525.0	642103.0	194564.0	642207.0	*	111.	21. AG	325.	2.6	.0	32.0		
76.	76	NB 270 ONR*	*	194564.0	642207.0	194607.0	642463.0	*	260.	10. AG	325.	2.6	.0	32.0		
77.	77	NB 270 ONR*	*	194607.0	642463.0	194637.0	642565.0	*	106.	16. AG	325.	2.6	.0	32.0		
78.	78	EB 7TH STR*	*	194010.0	641684.0	194223.0	641375.0	*	375.	145. AG	825.	2.6	.0	32.0		
79.	79	EB 7TH STR*	*	194223.0	641375.0	194360.0	641206.0	*	218.	141. AG	825.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST B130P
 DATE: 01/22/2007 TIME: 12:11:11.73

RUN: US 15 RAMPS AND 7TH B130 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	80	58	2.0	225	1324	28.30	1	3
12. 12 " QUEUE RIGHT	80	58	2.0	300	1583	28.30	1	3
16. 16 " "	80	58	2.0	100	1162	28.30	1	3
30. 30 EB 7TH THR	80	42	2.0	1050	1807	28.30	1	3
32. 32 EB 7th Q	60	19	2.0	900	976	28.30	1	3
34. 34 WB 7TH THR	60	19	2.0	1350	1681	28.30	1	3
59. 59 nbofrmlpt	60	39	2.0	325	1770	28.30	1	3
63. 63 nbofrmlpt	60	39	2.0	100	1583	28.30	1	3
68. 68 WB 7 TQ	60	19	2.0	900	1681	28.30	1	3
71. 71 WB 7TH RIGHT Q	60	19	2.0	450	1681	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0	.0
5.	.0	.0	.1	.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0	.0
10.	.0	.0	.1	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
15.	.0	.0	.1	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
20.	.0	.0	.1	.1	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
25.	.0	.0	.0	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
30.	.0	.0	.0	.2	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
35.	.0	.0	.0	.1	.3	.6	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0	.0
40.	.0	.0	.0	.1	.3	.6	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0	.0
45.	.0	.0	.0	.2	.3	.4	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0	.0
50.	.0	.0	.0	.2	.3	.3	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.5	.0	.0	.0	.0
55.	.0	.0	.0	.2	.4	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0	.0
60.	.0	.0	.0	.3	.5	.2	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0	.0
65.	.2	.2	.2	.3	.7	.2	.0	.2	.1	.0	.0	.0	.0	.2	.2	.4	.3	.0	.0	.0	.0
70.	.2	.2	.2	.5	.6	.2	.0	.2	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.2	.2	.2
75.	.3	.3	.3	.4	.7	.2	.0	.2	.3	.3	.0	.0	.0	.2	.2	.4	.4	.2	.2	.2	.2
80.	.2	.3	.3	.5	.8	.2	.0	.3	.3	.5	.0	.0	.0	.2	.2	.5	.3	.2	.3	.2	.2
85.	.3	.2	.3	.5	.7	.2	.2	.2	.4	.4	.1	.0	.0	.2	.3	.6	.3	.3	.2	.2	.2
90.	.3	.3	.3	.5	.7	.2	.2	.2	.3	.4	.2	.1	.0	.2	.4	.6	.3	.2	.2	.3	.3
95.	.2	.3	.3	.4	.7	.2	.2	.2	.3	.4	.2	.2	.0	.2	.5	.6	.4	.2	.3	.3	.3
100.	.3	.2	.2	.6	.7	.2	.1	.2	.3	.4	.2	.2	.0	.2	.5	.6	.3	.3	.3	.2	.2
105.	.3	.2	.3	.6	.5	.2	.2	.2	.3	.4	.2	.2	.0	.3	.4	.5	.3	.2	.2	.2	.2
110.	.2	.2	.3	.5	.6	.2	.2	.2	.3	.4	.2	.2	.0	.3	.4	.6	.3	.2	.2	.2	.2
115.	.2	.2	.2	.5	.6	.1	.2	.2	.4	.4	.1	.1	.1	.3	.6	.6	.4	.2	.2	.2	.2
120.	.2	.2	.2	.6	.6	.1	.2	.2	.4	.4	.2	.1	.1	.3	.5	.6	.4	.2	.2	.2	.2
125.	.2	.3	.2	.5	.5	.1	.2	.2	.4	.4	.1	.2	.0	.3	.5	.6	.5	.2	.2	.2	.2
130.	.2	.3	.2	.3	.6	.1	.2	.3	.4	.4	.2	.1	.1	.3	.5	.3	.5	.2	.2	.2	.2
135.	.2	.2	.2	.3	.5	.1	.2	.2	.5	.4	.2	.1	.1	.3	.6	.4	.5	.2	.2	.2	.2
140.	.2	.2	.2	.3	.5	.1	.2	.3	.4	.5	.1	.1	.1	.2	.4	.5	.4	.2	.2	.2	.2
145.	.2	.2	.2	.3	.5	.1	.2	.3	.4	.3	.3	.3	.2	.2	.4	.4	.4	.2	.2	.2	.2
150.	.2	.2	.3	.2	.5	.1	.2	.3	.4	.5	.3	.4	.3	.2	.4	.3	.4	.2	.2	.2	.2
155.	.2	.2	.3	.2	.5	.1	.2	.3	.5	.6	.4	.4	.4	.2	.3	.2	.3	.2	.2	.2	.2
160.	.3	.2	.2	.2	.4	.0	.2	.4	.3	.6	.4	.5	.4	.1	.1	.2	.3	.2	.2	.3	.3
165.	.3	.2	.2	.3	.4	.0	.2	.4	.3	.5	.5	.4	.3	.1	.1	.1	.3	.2	.2	.2	.2
170.	.2	.2	.2	.3	.4	.0	.1	.4	.3	.3	.4	.4	.3	.1	.2	.2	.3	.2	.2	.2	.2
175.	.2	.2	.2	.4	.4	.0	.1	.4	.3	.3	.5	.5	.3	.0	.2	.2	.2	.2	.2	.2	.3
180.	.3	.2	.2	.4	.4	.0	.1	.4	.3	.4	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2	.2
185.	.3	.2	.2	.3	.5	.0	.2	.4	.4	.5	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2	.2
190.	.3	.3	.2	.3	.4	.0	.2	.3	.5	.5	.6	.4	.2	.0	.2	.2	.2	.2	.3	.2	.2
195.	.2	.3	.2	.2	.4	.0	.2	.4	.4	.5	.6	.4	.2	.0	.2	.3	.2	.3	.2	.2	.2

200. * .2 .3 .3 .2 .5 .0 .3 .4 .4 S35B130P.OUT .6 .6 .3 .2 .0 .1 .2 .3 .3 .3 .2
 205. * .2 .3 .3 .3 .5 .0 .2 .3 .5 .6 .5 .3 .2 .0 .1 .1 .3 .2 .3 .3 .2

1

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.3	.3	.5	.0	.2	.4	.5	.5	.5	.2	.2	.0	.0	.1	.2	.3	.2	.2
215.	.2	.2	.3	.3	.4	.0	.1	.1	.4	.4	.4	.2	.2	.0	.0	.0	.2	.2	.2	.0
220.	.1	.2	.2	.3	.5	.0	.1	.0	.1	.3	.4	.2	.2	.0	.0	.0	.1	.2	.1	.0
225.	.0	.1	.1	.2	.3	.0	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.3	.0	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.1	.0	.0	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.4	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.4	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.4	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.1	.0	.4	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.1	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0
320.	.0	.0	.0	.2	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
325.	.0	.0	.0	.4	.1	.4	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0
330.	.0	.0	.0	.4	.3	.4	.0	.0	.0	.1	.1	.0	.1	.1	.2	.2	.3	.0	.0	.0
335.	.0	.0	.0	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.0	.0	.0
340.	.0	.0	.0	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.0	.0	.0
345.	.0	.0	.0	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
350.	.0	.0	.0	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
355.	.0	.0	.0	.4	.2	.6	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0
360.	.0	.0	.1	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0
MAX	.3	.3	.3	.6	.8	.6	.3	.4	.5	.6	.6	.5	.4	.3	.6	.6	.5	.3	.3	.3
DEGR.	75	75	75	100	80	15	200	160	135	155	180	160	155	105	115	85	50	85	80	90

1

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.3
15.	.0	.3
20.	.0	.1
25.	.0	.2
30.	.0	.1
35.	.0	.1
40.	.0	.1
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.3	.0
65.	.3	.0
70.	.3	.0
75.	.5	.0
80.	.4	.0
85.	.5	.0
90.	.4	.0
95.	.4	.0
100.	.4	.0
105.	.4	.0
110.	.4	.0
115.	.4	.0
120.	.4	.0
125.	.4	.0
130.	.4	.0
135.	.4	.0
140.	.3	.0
145.	.4	.0
150.	.4	.0
155.	.4	.0
160.	.4	.0
165.	.4	.0
170.	.4	.0
175.	.4	.0
180.	.4	.0
185.	.4	.0
190.	.4	.0
195.	.4	.0
200.	.5	.0
205.	.4	.0

1

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .4 .0
215. * .5 .0
220. * .3 .0
225. * .3 .0
230. * .3 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .1
270. * .0 .1
275. * .0 .1
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .2
330. * .0 .1
335. * .0 .2
340. * .0 .3
345. * .0 .3
350. * .0 .2
355. * .0 .2
360. * .0 .2
-----*-----
MAX * .5 .3
DEGR * 75 10

```

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 80 DEGREES FROM REC5 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 100 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 15 DEGREES FROM REC6 .

```

1

JOB: US 15 Ramps at 7th ST B130P
 DATE: 01/22/2007 TIME: 12:11:11.73

RUN: US 15 RAMPS AND 7TH B130 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 75	REC2 75	REC3 75	REC4 100	REC5 80	REC6 15	REC7 200	REC8 160	REC9 135	REC10 155	REC11 180	REC12 160	REC13 155	REC14 105	REC15 115	REC16 85	REC17 50	REC18 85	REC19 80	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.2	.1	.1	.0	.0	.0
31	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0
40	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0	.1	.1	.1
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
45	.0	.0	.0	.1	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

S35B130P.OUT

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 75	REC2 75	REC3 75	REC4 100	REC5 80	REC6 15	REC7 200	REC8 160	REC9 135	REC10 155	REC11 180	REC12 160	REC13 155	REC14 105	REC15 115	REC16 85	REC17 50	REC18 85	REC19 80	REC20 90
46	*	.1	.1	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B130P
DATE: 01/22/2007 TIME: 12:11:11.73

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 75	REC22 10
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.1	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.0
44	*	.0	.2
45	*	.1	.0

1

JOB: US 15 Ramps at 7th ST B130P

RUN: US 15 RAMPS AND 7TH B130 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	75 10	
46	*	.1 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B230A.DAT

US 15	Ramps at 7th ST	B230A	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B230 AM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	750. 2.6	0. 44.	30.	
2	"	AG194458.642659.194357.642629.	750. 2.6	0. 44.	30.	
3	"	AG194357.642629.194253.642616.	750. 2.6	0. 44.	30.	
4	"	AG194253.642616.194021.642603.	750. 2.6	0. 44.	30.	
5	"	AG194021.642603.193934.642580.	750. 2.6	0. 44.	30.	
6	"	AG193934.642580.193864.642544.	750. 2.6	0. 44.	30.	
7	"	AG193864.642544.193815.642500.	750. 2.6	0. 44.	30.	
8	"	AG193815.642500.193723.642340.	750. 2.6	0. 44.	30.	
9	" THRU T&L	AG193723.642340.193621.642288.	175. 2.6	0. 32.	30.	
10	" QUEUE T&L	AG193639.642298.193717.642337.	0. 12.	1		
	75 51	2.0 175 28.3 1373 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	600. 2.6	0. 32.	30.	
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0. 12.	1		
	75 51	2.0 600 28.3 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	75. 2.6	0. 32.	30.	
14	"	AG193240.641950.192860.641671.	75. 2.6	0. 32.	30.	
15	NB BIGGS RD	AG192865.641660.193652.642232.	75. 2.6	0. 44.	30.	
16	"	AG193624.642212.193557.642163.	0. 24.	2		
	75 51	2.0 75 28.3 1307 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	425. 2.6	0. 32.	30.	
18	SB 15 ON	RAG193722.642281.193797.642421.	425. 2.6	0. 32.	30.	
19	SB 15 ON	RAG193797.642421.193846.642502.	425. 2.6	0. 32.	30.	
20	SB 15 ON	RAG193846.642502.193887.642529.	425. 2.6	0. 32.	30.	
21	SB 15 ON	RAG193887.642529.193931.642541.	425. 2.6	0. 32.	30.	
22	SB 15 ON	RAG193931.642541.193988.642534.	425. 2.6	0. 32.	30.	
23	SB 15 ON	RAG193988.642534.194035.642505.	425. 2.6	0. 32.	30.	
24	SB 15 ON	RAG194035.642505.194069.642470.	425. 2.6	0. 32.	30.	
25	SB 15 ON	RAG194069.642470.194085.642414.	425. 2.6	0. 32.	30.	
26	SB 15 ON	RAG194085.642414.194077.642344.	425. 2.6	0. 32.	30.	
27	SB 15 ON	RAG194077.642344.194048.642294.	425. 2.6	0. 32.	30.	
28	SB 15 ON	RAG194048.642294.193964.642209.	425. 2.6	0. 32.	30.	
29	EB 7TH ST	AG193214.642839.193639.642234.	400. 2.6	0. 44.	30.	
30	EB 7TH THRA	AG193619.642264.193564.642342.	0. 24.	2		
	75 54	2.0 400 28.3 1804 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	425. 2.6	0. 44.	30.	
32	EB 7th Q	AG193982.641725.193639.642234.	0. 24.	2		
	45 20	2.0 425 28.3 1271 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	850. 2.6	0. 44.	30.	
34	WB 7TH THRA	AG193697.642177.193742.642106.	0. 24.	2		
	45 20	2.0 850 28.3 1731 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	1125. 2.6	0. 44.	30.	
36	WB 7TH ST	AG193658.642238.193370.642645.	1125. 2.6	0. 44.	30.	
37	WB 7TH ST	AG193370.642645.193228.642853.	1125. 2.6	0. 44.	30.	
38	SB 15	AG194552.642678.194349.642493.	5425. 3.7	0. 44.	59.	

39	1	SB 15	AG194349.642493.193973.642204.	5425. 3.7	0. 44.	59.
40	1	SB 15	AG193973.642204.193646.641977.	5425. 3.7	0. 44.	59.
41	1	SB I5	AG193646.641977.193301.641716.	5425. 3.7	0. 44.	59.
42	1	SB I5	AG193301.641716.192964.641469.	5425. 3.7	0. 44.	59.
43	1	NB I5	AG193003.641416.193391.641696.	3750. 3.7	0. 44.	59.
44	1	NB I5	AG193391.641696.193866.642041.	3750. 3.7	0. 44.	59.
45	1	NB I5	AG193866.642041.193972.642114.	3750. 3.7	0. 44.	59.
46	1	NB I270	AG193972.642114.194335.642396.	3750. 3.7	0. 44.	59.
47	1	NB I270	AG194335.642396.194598.642624.	3750. 3.7	0. 44.	59.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	825. 2.6	0. 32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	825. 2.6	0. 32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	825. 2.6	0. 32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	825. 2.6	0. 32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	825. 2.6	0. 32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	825. 2.6	0. 32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	825. 2.6	0. 32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	825. 2.6	0. 32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	825. 2.6	0. 32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	825. 2.6	0. 32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	425. 2.6	0. 32.	30.
59	45	nbofrmp1t	AG194040.641745.194074.641768. 23 2.0 425 28.3 1770 1 3	0. 12.	1	
60	1	NB270ofrmp	AG194130.641806.193990.641711.	400. 2.6	0. 32.	30.
61	1	NB270ofrmp	AG194130.641806.194040.641788.	400. 2.6	0. 32.	30.
62	1	NB270ofrmp	AG194040.641788.193969.641812.	400. 2.9	0. 32.	30.
63	2	nbofrmp1t	AG193976.641810.194033.641791. 45 23 2.0 400 28.3 1583 1 3	0. 12.	1	
64	1	WB 7th Str	AG193969.641812.193928.641844.	1125. 2.6	0. 44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	1125. 2.6	0. 44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	1125. 2.6	0. 44.	30.
67	1	WB 7th St	AG194056.641641.194003.641720.	850. 2.6	0. 44.	30.
68	2	WB 7 TQ	AG194017.641699.194051.641649. 45 20 2.0 850 28.3 1730 1 3	0. 24.	2	
69	1	WB 7TH THRU	AG194003.641720.193928.641844.	725. 2.6	0. 32.	30.
70	1	WB 7TH RIGHT	AG194056.641641.194063.641724.	125. 2.6	0. 32.	30.
71	2	WB 7TH RIGHT Q	AG194062.641709.194057.641655. 45 20 2.0 125 28.3 1730 1 3	0. 12.	1	
72	1	NB 270 ONR	AG194063.641724.194399.641958.	200. 2.6	0. 32.	30.
73	1	NB 270 ONR	AG194399.641958.194473.642025.	200. 2.6	0. 32.	30.
74	1	NB 270 ONR	AG194473.642025.194525.642103.	200. 2.6	0. 32.	30.
75	1	NB 270 ONR	AG194525.642103.194564.642207.	200. 2.6	0. 32.	30.
76	1	NB 270 ONR	AG194564.642207.194607.642463.	200. 2.6	0. 32.	30.
77	1	NB 270 ONR	AG194607.642463.194637.642565.	200. 2.6	0. 32.	30.
78	1	EB 7TH STR	AG194010.641684.194223.641375.	775. 2.6	0. 32.	30.
79	1	EB 7TH STR	AG194223.641375.194360.641206. 1.0000.4 1000. 0.0Y 5 0 72	775. 2.6	0. 32.	30.

JOB: US 15 Ramps at 7th ST B230A
DATE: 01/20/2007 TIME: 17:52:10.55

RUN: US 15 RAMPS AND 7TH B230 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
1. 1	US15 SB OFF	* 194533.0	642697.0	194458.0	642659.0	* 84.	243.	AG	750.	2.6	.0	44.0		
2. 2	"	* 194458.0	642659.0	194357.0	642629.0	* 105.	253.	AG	750.	2.6	.0	44.0		
3. 3	"	* 194357.0	642629.0	194253.0	642616.0	* 105.	263.	AG	750.	2.6	.0	44.0		
4. 4	"	* 194253.0	642616.0	194021.0	642603.0	* 232.	267.	AG	750.	2.6	.0	44.0		
5. 5	"	* 194021.0	642603.0	193934.0	642580.0	* 90.	255.	AG	750.	2.6	.0	44.0		
6. 6	"	* 193934.0	642580.0	193864.0	642544.0	* 79.	243.	AG	750.	2.6	.0	44.0		
7. 7	"	* 193864.0	642544.0	193815.0	642500.0	* 66.	228.	AG	750.	2.6	.0	44.0		
8. 8	"	* 193815.0	642500.0	193723.0	642340.0	* 185.	210.	AG	750.	2.6	.0	44.0		
9. 9	"	* 193723.0	642340.0	193621.0	642288.0	* 114.	243.	AG	175.	2.6	.0	32.0		
10. 10	THRU T&L	* 193639.0	642298.0	193682.7	642319.8	* 49.	63.	AG	52.	100.0	.0	12.0	.48	2.5
11. 11	QUEUE T&L	* 193723.0	642340.0	193650.0	642244.0	* 121.	217.	AG	600.	2.6	.0	32.0		
12. 12	RIGHT	* 193665.0	642264.0	194913.8	643904.8	* 2062.	37.	AG	52.	100.0	.0	12.0	1.42	104.7
13. 13	QUEUE RIGHT	* 193650.0	642244.0	193240.0	641950.0	* 505.	234.	AG	75.	2.6	.0	32.0		
14. 14	SB BIGGS RD	* 193240.0	641950.0	192860.0	641671.0	* 471.	234.	AG	75.	2.6	.0	32.0		
15. 15	"	* 192865.0	641660.0	193652.0	642232.0	* 973.	54.	AG	75.	2.6	.0	44.0		
16. 16	NB BIGGS RD	* 193624.0	642212.0	193615.7	642205.9	* 10.	234.	AG	103.	100.0	.0	24.0	.11	.5
17. 17	"	* 193652.0	642232.0	193722.0	642281.0	* 85.	55.	AG	425.	2.6	.0	32.0		
18. 18	SB 15 ON R*	* 193722.0	642281.0	193797.0	642421.0	* 159.	28.	AG	425.	2.6	.0	32.0		
19. 19	SB 15 ON R*	* 193797.0	642421.0	193846.0	642502.0	* 95.	31.	AG	425.	2.6	.0	32.0		
20. 20	SB 15 ON R*	* 193846.0	642502.0	193887.0	642529.0	* 49.	57.	AG	425.	2.6	.0	32.0		
21. 21	SB 15 ON R*	* 193887.0	642529.0	193931.0	642541.0	* 46.	75.	AG	425.	2.6	.0	32.0		
22. 22	SB 15 ON R*	* 193931.0	642541.0	193988.0	642534.0	* 57.	97.	AG	425.	2.6	.0	32.0		
23. 23	SB 15 ON R*	* 193988.0	642534.0	194035.0	642505.0	* 55.	122.	AG	425.	2.6	.0	32.0		
24. 24	SB 15 ON R*	* 194035.0	642505.0	194069.0	642470.0	* 49.	136.	AG	425.	2.6	.0	32.0		
25. 25	SB 15 ON R*	* 194069.0	642470.0	194085.0	642414.0	* 58.	164.	AG	425.	2.6	.0	32.0		
26. 26	SB 15 ON R*	* 194085.0	642414.0	194077.0	642344.0	* 70.	187.	AG	425.	2.6	.0	32.0		
27. 27	SB 15 ON R*	* 194077.0	642344.0	194048.0	642294.0	* 58.	210.	AG	425.	2.6	.0	32.0		
28. 28	SB 15 ON R*	* 194048.0	642294.0	193964.0	642209.0	* 120.	225.	AG	425.	2.6	.0	32.0		
29. 29	EB 7TH ST	* 193214.0	642839.0	193639.0	642234.0	* 739.	145.	AG	400.	2.6	.0	44.0		
30. 30	EB 7TH THR	* 193619.0	642264.0	193585.0	642132.3	* 59.	325.	AG	109.	100.0	.0	24.0	.49	3.0
31. 31	EB 7TH ST	* 193639.0	642234.0	194010.0	641684.0	* 663.	146.	AG	425.	2.6	.0	44.0		
32. 32	EB 7th Q	* 193982.0	641725.0	193969.0	641744.2	* 23.	326.	AG	67.	100.0	.0	24.0	.36	1.2
33. 33	WB 7TH ST	* 193928.0	641844.0	193785.0	642040.0	* 243.	324.	AG	850.	2.6	.0	44.0		
34. 34	WB 7TH THR	* 193697.0	642177.0	193721.9	642137.7	* 46.	148.	AG	67.	100.0	.0	24.0	.53	2.4
35. 35	WB 7TH ST	* 193785.0	642040.0	193658.0	642238.0	* 235.	327.	AG	1125.	2.6	.0	44.0		
36. 36	WB 7TH ST	* 193658.0	642238.0	193370.0	642645.0	* 499.	325.	AG	1125.	2.6	.0	44.0		
37. 37	WB 7TH ST	* 193370.0	642645.0	193228.0	642853.0	* 252.	326.	AG	1125.	2.6	.0	44.0		
38. 38	SB 15	* 194552.0	642678.0	194349.0	642493.0	* 275.	228.	AG	5425.	3.7	.0	44.0		
39. 39	SB 15	* 194349.0	642493.0	193973.0	642204.0	* 474.	232.	AG	5425.	3.7	.0	44.0		
40. 40	SB 15	* 193973.0	642204.0	193646.0	641977.0	* 398.	235.	AG	5425.	3.7	.0	44.0		
41. 41	SB 15	* 193646.0	641977.0	193301.0	641716.0	* 433.	233.	AG	5425.	3.7	.0	44.0		
42. 42	SB 15	* 193301.0	641716.0	192964.0	641469.0	* 418.	234.	AG	5425.	3.7	.0	44.0		
43. 43	NB 15	* 193003.0	641416.0	193391.0	641696.0	* 478.	54.	AG	3750.	3.7	.0	44.0		
44. 44	NB 15	* 193391.0	641696.0	193866.0	642041.0	* 587.	54.	AG	3750.	3.7	.0	44.0		

JOB: US 15 Ramps at 7th ST B230A
DATE: 01/20/2007 TIME: 17:52:10.55

RUN: US 15 RAMPS AND 7TH B230 AM

LINK VARIABLES

LINK DESCRIPTION		LINK COORDINATES (FT)				LENGTH (FT)		BRG TYPE	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
		X1	Y1	X2	Y2									
45. 45	NB 15	* 193866.0	642041.0	193972.0	642114.0	* 129.	55.	AG	3750.	3.7	.0	44.0		
46. 46	NB 1270	* 193972.0	642114.0	194335.0	642396.0	* 460.	52.	AG	3750.	3.7	.0	44.0		
47. 47	NB 1270	* 194335.0	642396.0	194598.0	642624.0	* 348.	49.	AG	3750.	3.7	.0	44.0		
48. 48	NB15 RAMP	* 193972.0	642114.0	194093.0	642182.0	* 139.	61.	AG	825.	2.6	.0	32.0		
49. 49	NB15 OFF R*	* 194093.0	642182.0	194176.0	642230.0	* 96.	60.	AG	825.	2.6	.0	32.0		
50. 50	NB15 OFF R*	* 194176.0	642230.0	194259.0	642250.0	* 85.	76.	AG	825.	2.6	.0	32.0		
51. 51	NB15 OFF R*	* 194259.0	642250.0	194320.0	642246.0	* 61.	94.	AG	825.	2.6	.0	32.0		
52. 52	NB15 OFF R*	* 194320.0	642246.0	194370.0	642224.0	* 55.	114.	AG	825.	2.6	.0	32.0		
53. 53	NB15 OFF R*	* 194370.0	642224.0	194416.0	642175.0	* 67.	137.	AG	825.	2.6	.0	32.0		
54. 54	NB15 OFF R*	* 194416.0	642175.0	194437.0	642118.0	* 61.	160.	AG	825.	2.6	.0	32.0		
55. 55	NB15 OFF R*	* 194437.0	642118.0	194432.0	642050.0	* 68.	184.	AG	825.	2.6	.0	32.0		
56. 56	NB15 OFF R*	* 194432.0	642050.0	194403.0	641993.0	* 64.	207.	AG	825.	2.6	.0	32.0		
57. 57	NB15 OFF R*	* 194403.0	641993.0	194335.0	641940.0	* 86.	232.	AG	825.	2.6	.0	32.0		
58. 58	NB15 OFF R*	* 194335.0	641940.0	194130.0	641806.0	* 245.	237.	AG	425.	2.6	.0	32.0		
59. 59	nbofrmlt	* 194040.0	641745.0	194084.3	641775.0	* 53.	56.	AG	39.	100.0	.0	12.0	.60	2.7
60. 60	NB270ofrmp	* 194130.0	641806.0	193990.0	641711.0	* 169.	236.	AG	400.	2.6	.0	32.0		
61. 61	NB270ofrmp	* 194130.0	641806.0	194040.0	641788.0	* 92.	259.	AG	400.	2.6	.0	32.0		
62. 62	NB270ofrmp	* 194040.0	641788.0	193969.0	641812.0	* 75.	289.	AG	400.	2.9	.0	32.0		
63. 63	nbofrmlt	* 193976.0	641810.0	194023.7	641794.1	* 50.	108.	AG	39.	100.0	.0	12.0	.63	2.6
64. 64	WB 7th Str	* 193969.0	641812.0	193928.0	641844.0	* 52.	308.	AG	1125.	2.6	.0	44.0		
65. 65	WB 7th Str	* 194380.0	641219.0	194187.0	641464.0	* 312.	322.	AG	1125.	2.6	.0	44.0		
66. 66	WB 7th Str	* 194187.0	641464.0	194056.0	641641.0	* 220.	323.	AG	1125.	2.6	.0	44.0		
67. 67	WB 7th St	* 194056.0	641641.0	194003.0	641720.0	* 95.	326.	AG	850.	2.6	.0	44.0		
68. 68	WB 7 TQ	* 194017.0	641699.0	194043.1	641660.6	* 46.	146.	AG	67.	100.0	.0	24.0	.53	2.4
69. 69	WB 7TH THRU	* 194003.0	641720.0	193928.0	641844.0	* 145.	329.	AG	725.	2.6	.0	32.0		
70. 70	WB 7TH RIGHT	* 194056.0	641641.0	194063.0	641724.0	* 83.	5.	AG	125.	2.6	.0	32.0		
71. 71	WB 7TH RIGHT Q	* 194062.0	641709.0	194060.7	641695.4	* 14.	185.	AG	34.	100.0	.0	12.0	.15	.7
72. 72	NB 270 ONR*	* 194063.0	641724.0	194399.0	641958.0	* 409.	55.	AG	200.	2.6	.0	32.0		
73. 73	NB 270 ONR*	* 194399.0	641958.0	194473.0	642025.0	* 100.	48.	AG	200.	2.6	.0	32.0		
74. 74	NB 270 ONR*	* 194473.0	642025.0	194525.0	642103.0	* 94.	34.	AG	200.	2.6	.0	32.0		
75. 75	NB 270 ONR*	* 194525.0	642103.0	194564.0	642207.0	* 111.	21.	AG	200.	2.6	.0	32.0		
76. 76	NB 270 ONR*	* 194564.0	642207.0	194607.0	642463.0	* 260.	10.	AG	200.	2.6	.0	32.0		
77. 77	NB 270 ONR*	* 194607.0	642463.0	194637.0	642565.0	* 106.	16.	AG	200.	2.6	.0	32.0		
78. 78	EB 7TH STR	* 194010.0	641684.0	194223.0	641375.0	* 375.	145.	AG	775.	2.6	.0	32.0		
79. 79	EB 7TH STR	* 194223.0	641375.0	194360.0	641206.0	* 218.	141.	AG	775.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST B230A
DATE: 01/20/2007 TIME: 17:52:10.55

RUN: US 15 RAMPS AND 7TH B230 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	75	51	2.0	175	1373	28.30	1	3
12. 12 " QUEUE RIGHT	75	51	2.0	600	1583	28.30	1	3
16. 16 " "	75	51	2.0	75	1307	28.30	1	3
30. 30 EB 7TH THR	75	54	2.0	400	1804	28.30	1	3
32. 32 EB 7th Q	45	20	2.0	425	1271	28.30	1	3
34. 34 WB 7TH THR	45	20	2.0	850	1731	28.30	1	3
59. 59 nbofrmlpt	45	23	2.0	425	1770	28.30	1	3
63. 63 nbofrmlpt	45	23	2.0	400	1583	28.30	1	3
68. 68 WB 7 TQ	45	20	2.0	850	1730	28.30	1	3
71. 71 WB 7TH RIGHT Q	45	20	2.0	125	1730	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
5.	.0	.0	.0	.1	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
10.	.0	.0	.1	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
15.	.0	.0	.1	.1	.3	.4	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.0	.0
20.	.0	.0	.1	.1	.3	.5	.4	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
25.	.0	.0	.0	.1	.3	.5	.5	.1	.2	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0
30.	.0	.0	.1	.1	.3	.4	.5	.2	.2	.0	.0	.0	.0	.1	.1	.1	.4	.1	.0	.0
35.	.0	.1	.1	.1	.3	.3	.5	.2	.2	.1	.0	.0	.0	.1	.1	.1	.4	.2	.0	.0
40.	.0	.1	.1	.2	.2	.3	.5	.2	.3	.1	.0	.0	.0	.1	.1	.1	.4	.2	.1	.0
45.	.0	.1	.1	.2	.2	.3	.5	.2	.3	.1	.1	.0	.0	.1	.1	.2	.4	.2	.1	.0
50.	.0	.0	.1	.1	.3	.2	.5	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.2	.1	.0
55.	.0	.0	.0	.1	.3	.1	.4	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.1	.0	.0
60.	.2	.1	.1	.2	.4	.1	.3	.2	.3	.1	.1	.0	.0	.1	.1	.2	.3	.0	.0	.0
65.	.2	.1	.1	.2	.6	.1	.3	.2	.3	.1	.1	.0	.0	.1	.1	.2	.4	.1	.1	.1
70.	.2	.3	.2	.3	.6	.1	.2	.2	.2	.1	.1	.0	.0	.1	.1	.2	.3	.1	.1	.2
75.	.1	.3	.3	.3	.6	.1	.3	.3	.3	.2	.0	.0	.0	.1	.1	.4	.2	.2	.2	.2
80.	.3	.3	.3	.4	.6	.1	.4	.4	.3	.2	.1	.0	.0	.1	.2	.3	.3	.3	.3	.1
85.	.3	.3	.3	.4	.6	.1	.4	.3	.3	.4	.1	.1	.0	.1	.2	.3	.3	.3	.3	.2
90.	.3	.2	.3	.4	.6	.0	.3	.3	.4	.4	.1	.1	.0	.1	.2	.4	.3	.3	.2	.3
95.	.4	.2	.2	.6	.6	.0	.4	.3	.4	.4	.2	.1	.0	.1	.3	.5	.3	.2	.2	.3
100.	.3	.3	.2	.5	.5	.0	.5	.4	.4	.4	.2	.1	.0	.2	.3	.5	.3	.1	.2	.3
105.	.3	.3	.2	.5	.5	.0	.3	.4	.4	.5	.2	.2	.1	.2	.3	.6	.2	.2	.3	.2
110.	.3	.3	.3	.5	.6	.0	.2	.4	.4	.5	.2	.2	.1	.2	.4	.4	.2	.2	.3	.2
115.	.3	.3	.3	.5	.6	.0	.3	.4	.4	.4	.3	.2	.1	.2	.2	.4	.2	.2	.2	.3
120.	.3	.3	.3	.4	.6	.1	.4	.4	.5	.3	.1	.1	.1	.2	.3	.4	.2	.3	.2	.3
125.	.3	.3	.3	.4	.6	.1	.4	.4	.5	.3	.1	.1	.0	.2	.4	.4	.3	.3	.2	.2
130.	.3	.3	.3	.4	.6	.1	.4	.4	.4	.3	.1	.1	.1	.3	.3	.3	.3	.2	.3	.3
135.	.3	.3	.3	.3	.5	.1	.4	.5	.3	.3	.1	.1	.2	.3	.3	.3	.4	.2	.3	.3
140.	.3	.3	.3	.3	.5	.0	.4	.4	.3	.2	.1	.2	.2	.3	.2	.3	.3	.2	.2	.3
145.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.2	.2	.3
150.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.5	.3	.2	.3	.1	.2	.2	.3	.3	.2	.3
155.	.3	.3	.3	.3	.4	.0	.4	.3	.2	.5	.4	.3	.2	.0	.2	.2	.3	.3	.2	.2
160.	.3	.3	.3	.3	.4	.0	.4	.3	.3	.5	.4	.4	.2	.1	.3	.2	.2	.2	.2	.1
165.	.3	.3	.3	.3	.4	.0	.5	.3	.3	.4	.4	.3	.3	.1	.2	.3	.3	.2	.3	.2
170.	.2	.3	.3	.3	.4	.0	.5	.4	.3	.3	.5	.3	.2	.1	.2	.2	.3	.2	.3	.3
175.	.3	.3	.3	.3	.4	.0	.4	.4	.3	.4	.5	.3	.2	.1	.2	.2	.3	.3	.3	.3
180.	.3	.3	.3	.3	.4	.0	.4	.4	.3	.5	.4	.3	.2	.1	.2	.2	.2	.3	.3	.3
185.	.3	.3	.3	.4	.4	.0	.4	.4	.4	.4	.4	.2	.1	.0	.1	.2	.2	.3	.3	.2
190.	.2	.3	.3	.3	.4	.0	.6	.5	.4	.4	.4	.2	.1	.0	.1	.2	.3	.3	.1	.2
195.	.3	.4	.3	.3	.4	.0	.6	.5	.5	.4	.3	.2	.1	.0	.1	.1	.3	.3	.2	.2

S35B230A.OUT

200.	*	.3	.4	.4	.3	.4	.0	.7	.4	.4	.4	.2	.1	.0	.2	.1	.2	.2	.3	.2
205.	*	.3	.3	.4	.3	.5	.0	.8	.4	.3	.4	.3	.2	.1	.0	.1	.3	.3	.3	.2

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.3	.3	.4	.4	.0	.7	.3	.2	.5	.2	.2	.1	.0	.1	.1	.3	.3	.2	.1
215.	.1	.3	.3	.3	.6	.0	.7	.3	.3	.5	.2	.1	.1	.0	.0	.1	.2	.2	.1	.1
220.	.1	.1	.3	.3	.5	.0	.6	.0	.1	.4	.1	.1	.1	.0	.0	.0	.1	.1	.1	.0
225.	.0	.1	.1	.2	.4	.0	.6	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0
230.	.0	.0	.0	.1	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.2	.0	.5	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.2	.4	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.3	.4	.0	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.4	.2	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.0	.4	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.0	.3	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.0	.1	.0	.4	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
330.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0
335.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0
340.	.0	.0	.0	.3	.1	.5	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
345.	.0	.0	.0	.3	.0	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.0	.0	.0
350.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.0	.0	.0
355.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
360.	.0	.0	.0	.3	.1	.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0
MAX	.4	.4	.4	.6	.6	.5	.8	.5	.5	.5	.5	.4	.3	.3	.4	.6	.4	.3	.3	.3
DEGR.	95	195	200	95	65	0	205	135	120	105	170	160	150	130	110	105	15	80	80	90

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	CONCENTRATION (PPM) REC22
0.	*	.0
5.	*	.0
10.	*	.0
15.	*	.0
20.	*	.0
25.	*	.1
30.	*	.1
35.	*	.1
40.	*	.1
45.	*	.0
50.	*	.1
55.	*	.2
60.	*	.2
65.	*	.4
70.	*	.4
75.	*	.5
80.	*	.4
85.	*	.4
90.	*	.4
95.	*	.4
100.	*	.4
105.	*	.4
110.	*	.4
115.	*	.3
120.	*	.4
125.	*	.4
130.	*	.3
135.	*	.4
140.	*	.4
145.	*	.3
150.	*	.4
155.	*	.4
160.	*	.4
165.	*	.4
170.	*	.4
175.	*	.4
180.	*	.4
185.	*	.4
190.	*	.4
195.	*	.4
200.	*	.4
205.	*	.5

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

WIND ANGLE RANGE: 0.-360.

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22

```

210. * .6 .0
215. * .4 .0
220. * .4 .0
225. * .3 .0
230. * .2 .0
235. * .1 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .0
270. * .0 .1
275. * .0 .2
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .2
330. * .0 .3
335. * .0 .2
340. * .0 .2
345. * .0 .2
350. * .0 .2
355. * .0 .2
360. * .0 .2

```

```

MAX * .6 .3
DEGR * 210 15

```

THE HIGHEST CONCENTRATION IS .80 PPM AT 205 DEGREES FROM REC7 .
THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 95 DEGREES FROM REC4 .
THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 65 DEGREES FROM REC5 .

1

JOB: US 15 Ramps at 7th ST B230A
DATE: 01/20/2007 TIME: 17:52:10.55

RUN: US 15 RAMPS AND 7TH B230 AM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 95	REC2 195	REC3 200	REC4 95	REC5 65	REC6 0	REC7 205	REC8 135	REC9 120	REC10 105	REC11 170	REC12 160	REC13 150	REC14 130	REC15 110	REC16 105	REC17 15	REC18 80	REC19 80	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.3	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
40	.1	.0	.0	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1
41	.2	.2	.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
45	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 95	REC2 195	REC3 200	REC4 95	REC5 65	REC6 0	REC7 205	REC8 135	REC9 120	REC10 105	REC11 170	REC12 160	REC13 150	REC14 130	REC15 110	REC16 105	REC17 15	REC18 80	REC19 80	REC20 90
46	*	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B230A
DATE: 01/20/2007 TIME: 17:52:10.55

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 210	REC22 15
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.0	.0
40	*	.0	.1
41	*	.3	.1
42	*	.1	.0
43	*	.1	.0
44	*	.1	.1
45	*	.0	.0

1

JOB: US 15 Ramps at 7th ST B230A

RUN: US 15 RAMPS AND 7TH B230 AM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	210 15	
46	*	.0 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

S35B230P.DAT

US 15	Ramps at 7th ST	B230P	60.0175.0.0000.00	220.30480000	1	1
REC 1	400' SE CORNER	193303.	641955.	5.		
REC 2	164' SE CORNER	193495.	642095.	5.		
REC 3	82' SE CORNER	193560.	642142.	5.		
REC 4	SE CORNER	193632.	642182.	5.		
REC 5	82' ES CORNER	193681.	642126.	5.		
REC 6	400' ES CORNE	193861.	641863.	5.		
REC 7	400' NW CORNE	193909.	642588.	5.		
REC 8	164' NW CORNE	193754.	642433.	5.		
REC 9	82' NW CORNER	193714.	642367.	5.		
REC 10	NW CORNER	193633.	642321.	5.		
REC 11	82' WN CORNE	193592.	642378.	5.		
REC 12	164' WN CORN	193547.	642444.	5.		
REC 13	400' WN CORN	193402.	642637.	5.		
REC 14	400' WS CORN	193374.	642573.	5.		
REC 15	164' WS CORN	193511.	642376.	5.		
REC 16	82' WS CORNE	193554.	642313.	5.		
REC 17	SW CORNER	193594.	642244.	5.		
REC 18	82' SW CORNER	193535.	642189.	5.		
REC 19	164' SW CORNE	193470.	642142.	5.		
REC 20	400' SW CORNE	193275.	641999.	5.		
REC 21	RES. BIGGS	193562.	642047.	5.		
REC 22	BBALL FIELD	193480.	641424.	5.		
US 15	RAMPS AND 7TH	B230 PM	79	1	1	
1	US15 SB OFF	AG194533.642697.194458.642659.	550.	2.6	0.44.	30.
2	"	AG194458.642659.194357.642629.	550.	2.6	0.44.	30.
3	"	AG194357.642629.194253.642616.	550.	2.6	0.44.	30.
4	"	AG194253.642616.194021.642603.	550.	2.6	0.44.	30.
5	"	AG194021.642603.193934.642580.	550.	2.6	0.44.	30.
6	"	AG193934.642580.193864.642544.	550.	2.6	0.44.	30.
7	"	AG193864.642544.193815.642500.	550.	2.6	0.44.	30.
8	"	AG193815.642500.193723.642340.	550.	2.6	0.44.	30.
9	" THRU T&L	AG193723.642340.193621.642288.	225.	2.6	0.32.	30.
10	" QUEUE T&L	AG193639.642298.193717.642337.	0.	12.	1	
	90	68 2.0 225 28.3 1324 1 3				
11	" RIGHT	AG193723.642340.193650.642244.	300.	2.6	0.32.	30.
12	" QUEUE RIGHT	AG193665.642264.193716.642331.	0.	12.	1	
	90	68 2.0 300 28.3 1583 1 3				
13	SB BIGGS RD	AG193650.642244.193240.641950.	100.	2.6	0.32.	30.
14	"	AG193240.641950.192860.641671.	100.	2.6	0.32.	30.
15	NB BIGGS RD	AG192865.641660.193652.642232.	100.	2.6	0.44.	30.
16	"	AG193624.642212.193557.642163.	0.	24.	2	
	90	68 2.0 100 28.3 1110 1 3				
17	SB 15 ON	RAG193652.642232.193722.642281.	950.	2.6	0.32.	30.
18	SB 15 ON	RAG193722.642281.193797.642421.	950.	2.6	0.32.	30.
19	SB 15 ON	RAG193797.642421.193846.642502.	950.	2.6	0.32.	30.
20	SB 15 ON	RAG193846.642502.193887.642529.	950.	2.6	0.32.	30.
21	SB 15 ON	RAG193887.642529.193931.642541.	950.	2.6	0.32.	30.
22	SB 15 ON	RAG193931.642541.193988.642534.	950.	2.6	0.32.	30.
23	SB 15 ON	RAG193988.642534.194035.642505.	950.	2.6	0.32.	30.
24	SB 15 ON	RAG194035.642505.194069.642470.	950.	2.6	0.32.	30.
25	SB 15 ON	RAG194069.642470.194085.642414.	950.	2.6	0.32.	30.
26	SB 15 ON	RAG194085.642414.194077.642344.	950.	2.6	0.32.	30.
27	SB 15 ON	RAG194077.642344.194048.642294.	950.	2.6	0.32.	30.
28	SB 15 ON	RAG194048.642294.193964.642209.	950.	2.6	0.32.	30.
29	EB 7TH ST	AG193214.642839.193639.642234.	1050.	2.6	0.44.	30.
30	EB 7TH THRA	AG193619.642264.193564.642342.	0.	24.	2	
	90	47 2.0 1050 28.3 1807 1 3				
31	EB 7TH ST	AG193639.642234.194010.641684.	900.	2.6	0.44.	30.
32	EB 7th Q	AG193982.641725.193639.642234.	0.	24.	2	
	60	19 2.0 900 28.3 976 1 3				
33	WB 7TH ST	AG193928.641844.193785.642040.	900.	2.6	0.44.	30.
34	WB 7TH THRA	AG193697.642177.193742.642106.	0.	24.	2	
	60	19 2.0 900 28.3 1681 1 3				
35	WB 7TH ST	AG193785.642040.193658.642238.	1000.	2.6	0.44.	30.
36	WB 7TH ST	AG193658.642238.193370.642645.	1000.	2.6	0.44.	30.
37	WB 7TH ST	AG193370.642645.193228.642853.	1000.	2.6	0.44.	30.
38	SB 15	AG194552.642678.194349.642493.	3925.	3.7	0.44.	59.

39	1	SB 15	AG194349.642493.193973.642204.	3925. 3.7	0. 44.	59.
40	1	SB 15	AG193973.642204.193646.641977.	3925. 3.7	0. 44.	59.
41	1	SB I5	AG193646.641977.193301.641716.	3925. 3.7	0. 44.	59.
42	1	SB I5	AG193301.641716.192964.641469.	3925. 3.7	0. 44.	59.
43	1	NB I5	AG193003.641416.193391.641696.	5350. 3.7	0. 44.	59.
44	1	NB I5	AG193391.641696.193866.642041.	5350. 3.7	0. 44.	59.
45	1	NB I5	AG193866.642041.193972.642114.	5350. 3.7	0. 44.	59.
46	1	NB I270	AG193972.642114.194335.642396.	5350. 3.7	0. 44.	59.
47	1	NB I270	AG194335.642396.194598.642624.	5350. 3.7	0. 44.	59.
48	1	NB15 RAMP	AG193972.642114.194093.642182.	425. 2.6	0. 32.	30.
49	1	NB15 OFF	RAG194093.642182.194176.642230.	425. 2.6	0. 32.	30.
50	1	NB15 OFF	RAG194176.642230.194259.642250.	425. 2.6	0. 32.	30.
51	1	NB15 OFF	RAG194259.642250.194320.642246.	425. 2.6	0. 32.	30.
52	1	NB15 OFF	RAG194320.642246.194370.642224.	425. 2.6	0. 32.	30.
53	1	NB15 OFF	RAG194370.642224.194416.642175.	425. 2.6	0. 32.	30.
54	1	NB15 OFF	RAG194416.642175.194437.642118.	425. 2.6	0. 32.	30.
55	1	NB15 OFF	RAG194437.642118.194432.642050.	425. 2.6	0. 32.	30.
56	1	NB15 OFF	RAG194432.642050.194403.641993.	425. 2.6	0. 32.	30.
57	1	NB15 OFF	RAG194403.641993.194335.641940.	425. 2.6	0. 32.	30.
58	2	NB15 OFF	RAG194335.641940.194130.641806.	325. 3.8	0. 32.	30.
59	60	nbofrmp1t	AG194040.641745.194074.641768. 39 2.0 325 28.3 1770 1 3	0. 12.	1	
60	1	NB270ofrmp	AG194130.641806.193990.641711.	100. 2.6	0. 32.	30.
61	1	NB270ofrmp	AG194130.641806.194040.641788.	100. 2.6	0. 32.	30.
62	1	NB270ofrmp	AG194040.641788.193969.641812.	100. 2.6	0. 32.	30.
63	2	nbofrmp1t	AG193976.641810.194033.641791. 60 39 2.0 100 28.3 1583 1 3	0. 12.	1	
64	1	WB 7th Str	AG193969.641812.193928.641844.	1350. 2.6	0. 44.	30.
65	1	WB 7th Str	AG194380.641219.194187.641464.	1350. 2.6	0. 44.	30.
66	1	WB 7th Str	AG194187.641464.194056.641641.	1350. 2.6	0. 44.	30.
67	1	WB 7th St	AG194056.641641.194003.641720.	1350. 2.6	0. 44.	30.
68	2	WB 7 TQ	AG194017.641699.194051.641649. 60 19 2.0 1350 28.3 1681 1 3	0. 24.	2	
69	1	WB 7TH THRU	AG194003.641720.193928.641844.	900. 2.6	0. 32.	30.
70	1	WB 7TH RIGHT	AG194056.641641.194063.641724.	450. 2.6	0. 32.	30.
71	2	WB 7TH RIGHT Q	AG194062.641709.194057.641655. 60 19 2.0 450 28.3 1681 1 3	0. 12.	1	
72	1	NB 270 ONR	AG194063.641724.194399.641958.	325. 2.6	0. 32.	30.
73	1	NB 270 ONR	AG194399.641958.194473.642025.	325. 2.6	0. 32.	30.
74	1	NB 270 ONR	AG194473.642025.194525.642103.	325. 2.6	0. 32.	30.
75	1	NB 270 ONR	AG194525.642103.194564.642207.	325. 2.6	0. 32.	30.
76	1	NB 270 ONR	AG194564.642207.194607.642463.	325. 2.6	0. 32.	30.
77	1	NB 270 ONR	AG194607.642463.194637.642565.	325. 2.6	0. 32.	30.
78	1	EB 7TH STR	AG194010.641684.194223.641375.	825. 2.6	0. 32.	30.
79	1	EB 7TH STR	AG194223.641375.194360.641206. 1.0000.4 1000. 0.0Y 5 0 72	825. 2.6	0. 32.	30.

JOB: US 15 Ramps at 7th ST B230P
DATE: 01/20/2007 TIME: 17:54:34.61

RUN: US 15 RAMPS AND 7TH B230 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1. 1	US15 SB OFF	*	194533.0	642697.0	194458.0	642659.0	*	84.	243. AG	550.	2.6	.0	44.0		
2. 2	"	*	194458.0	642659.0	194357.0	642629.0	*	105.	253. AG	550.	2.6	.0	44.0		
3. 3	"	*	194357.0	642629.0	194253.0	642616.0	*	105.	263. AG	550.	2.6	.0	44.0		
4. 4	"	*	194253.0	642616.0	194021.0	642603.0	*	232.	267. AG	550.	2.6	.0	44.0		
5. 5	"	*	194021.0	642603.0	193934.0	642580.0	*	90.	255. AG	550.	2.6	.0	44.0		
6. 6	"	*	193934.0	642580.0	193864.0	642544.0	*	79.	243. AG	550.	2.6	.0	44.0		
7. 7	"	*	193864.0	642544.0	193815.0	642500.0	*	66.	228. AG	550.	2.6	.0	44.0		
8. 8	"	*	193815.0	642500.0	193723.0	642340.0	*	185.	210. AG	550.	2.6	.0	44.0		
9. 9	"	*	193723.0	642340.0	193621.0	642288.0	*	114.	243. AG	225.	2.6	.0	32.0		
10. 10	" THRU T&L	*	193639.0	642298.0	193733.9	642345.4	*	106.	63. AG	57.	100.0	.0	12.0	.85	5.4
11. 11	" QUEUE T&L	*	193723.0	642340.0	193650.0	642244.0	*	121.	217. AG	300.	2.6	.0	32.0		
12. 12	" RIGHT	*	193665.0	642264.0	193766.7	642397.6	*	168.	37. AG	57.	100.0	.0	12.0	.95	8.5
13. 13	" QUEUE RIGHT	*	193650.0	642244.0	193240.0	641950.0	*	505.	234. AG	100.	2.6	.0	32.0		
14. 14	SB BIGGS RD	*	193240.0	641950.0	192860.0	641671.0	*	471.	234. AG	100.	2.6	.0	32.0		
15. 15	"	*	192865.0	641660.0	193652.0	642232.0	*	973.	54. AG	100.	2.6	.0	44.0		
16. 16	NB BIGGS RD	*	193624.0	642212.0	193609.0	642201.0	*	19.	234. AG	115.	100.0	.0	24.0	.23	.9
17. 17	"	*	193652.0	642232.0	193722.0	642281.0	*	85.	55. AG	950.	2.6	.0	32.0		
18. 18	SB 15 ON R*	*	193722.0	642281.0	193797.0	642421.0	*	159.	28. AG	950.	2.6	.0	32.0		
19. 19	SB 15 ON R*	*	193797.0	642421.0	193846.0	642502.0	*	95.	31. AG	950.	2.6	.0	32.0		
20. 20	SB 15 ON R*	*	193846.0	642502.0	193887.0	642529.0	*	49.	57. AG	950.	2.6	.0	32.0		
21. 21	SB 15 ON R*	*	193887.0	642529.0	193931.0	642541.0	*	46.	75. AG	950.	2.6	.0	32.0		
22. 22	SB 15 ON R*	*	193931.0	642541.0	193988.0	642534.0	*	57.	97. AG	950.	2.6	.0	32.0		
23. 23	SB 15 ON R*	*	193988.0	642534.0	194035.0	642505.0	*	55.	122. AG	950.	2.6	.0	32.0		
24. 24	SB 15 ON R*	*	194035.0	642505.0	194069.0	642470.0	*	49.	136. AG	950.	2.6	.0	32.0		
25. 25	SB 15 ON R*	*	194069.0	642470.0	194085.0	642414.0	*	58.	164. AG	950.	2.6	.0	32.0		
26. 26	SB 15 ON R*	*	194085.0	642414.0	194077.0	642344.0	*	70.	187. AG	950.	2.6	.0	32.0		
27. 27	SB 15 ON R*	*	194077.0	642344.0	194048.0	642294.0	*	58.	210. AG	950.	2.6	.0	32.0		
28. 28	SB 15 ON R*	*	194048.0	642294.0	193964.0	642209.0	*	120.	225. AG	950.	2.6	.0	32.0		
29. 29	EB 7TH ST	*	193214.0	642839.0	193639.0	642234.0	*	739.	145. AG	1050.	2.6	.0	44.0		
30. 30	EB 7TH THR	*	193619.0	642264.0	193541.3	642374.3	*	135.	325. AG	79.	100.0	.0	24.0	.67	6.9
31. 31	EB 7TH ST	*	193639.0	642234.0	194010.0	641684.0	*	663.	146. AG	900.	2.6	.0	44.0		
32. 32	EB 7th Q	*	193982.0	641725.0	193954.2	641766.3	*	50.	326. AG	48.	100.0	.0	24.0	.75	2.5
33. 33	WB 7TH ST	*	193928.0	641844.0	193785.0	642040.0	*	243.	324. AG	900.	2.6	.0	44.0		
34. 34	WB 7TH THR	*	193697.0	642177.0	193722.0	642137.5	*	47.	148. AG	48.	100.0	.0	24.0	.43	2.4
35. 35	WB 7TH ST	*	193785.0	642040.0	193658.0	642238.0	*	235.	327. AG	1000.	2.6	.0	44.0		
36. 36	WB 7TH ST	*	193658.0	642238.0	193370.0	642645.0	*	499.	325. AG	1000.	2.6	.0	44.0		
37. 37	WB 7TH ST	*	193370.0	642645.0	193228.0	642853.0	*	252.	326. AG	1000.	2.6	.0	44.0		
38. 38	SB 15	*	194552.0	642678.0	194349.0	642493.0	*	275.	228. AG	3925.	3.7	.0	44.0		
39. 39	SB 15	*	194349.0	642493.0	193973.0	642204.0	*	474.	232. AG	3925.	3.7	.0	44.0		
40. 40	SB 15	*	193973.0	642204.0	193646.0	641977.0	*	398.	235. AG	3925.	3.7	.0	44.0		
41. 41	SB 15	*	193646.0	641977.0	193301.0	641716.0	*	433.	233. AG	3925.	3.7	.0	44.0		
42. 42	SB 15	*	193301.0	641716.0	192964.0	641469.0	*	418.	234. AG	3925.	3.7	.0	44.0		
43. 43	NB 15	*	193003.0	641416.0	193391.0	641696.0	*	478.	54. AG	5350.	3.7	.0	44.0		
44. 44	NB 15	*	193391.0	641696.0	193866.0	642041.0	*	587.	54. AG	5350.	3.7	.0	44.0		

JOB: US 15 Ramps at 7th ST B230P
DATE: 01/20/2007 TIME: 17:54:34.61

RUN: US 15 RAMPS AND 7TH B230 PM

LINK VARIABLES

LINK DESCRIPTION			LINK COORDINATES (FT)				LENGTH	BRG	TYPE	VPH	EF	H	W	V/C	QUEUE
			X1	Y1	X2	Y2	(FT)	(DEG)			(G/MI)	(FT)	(FT)		(VEH)
45.	45	NB 15	193866.0	642041.0	193972.0	642114.0	129.	55.	AG	5350.	3.7	.0	44.0		
46.	46	NB 1270	193972.0	642114.0	194335.0	642396.0	460.	52.	AG	5350.	3.7	.0	44.0		
47.	47	NB 1270	194335.0	642396.0	194598.0	642624.0	348.	49.	AG	5350.	3.7	.0	44.0		
48.	48	NB15 RAMP	193972.0	642114.0	194093.0	642182.0	139.	61.	AG	425.	2.6	.0	32.0		
49.	49	NB15 OFF R*	194093.0	642182.0	194176.0	642230.0	96.	60.	AG	425.	2.6	.0	32.0		
50.	50	NB15 OFF R*	194176.0	642230.0	194259.0	642250.0	85.	76.	AG	425.	2.6	.0	32.0		
51.	51	NB15 OFF R*	194259.0	642250.0	194320.0	642246.0	61.	94.	AG	425.	2.6	.0	32.0		
52.	52	NB15 OFF R*	194320.0	642246.0	194370.0	642224.0	55.	114.	AG	425.	2.6	.0	32.0		
53.	53	NB15 OFF R*	194370.0	642224.0	194416.0	642175.0	67.	137.	AG	425.	2.6	.0	32.0		
54.	54	NB15 OFF R*	194416.0	642175.0	194437.0	642118.0	61.	160.	AG	425.	2.6	.0	32.0		
55.	55	NB15 OFF R*	194437.0	642118.0	194432.0	642050.0	68.	184.	AG	425.	2.6	.0	32.0		
56.	56	NB15 OFF R*	194432.0	642050.0	194403.0	641993.0	64.	207.	AG	425.	2.6	.0	32.0		
57.	57	NB15 OFF R*	194403.0	641993.0	194335.0	641940.0	86.	232.	AG	425.	2.6	.0	32.0		
58.	58	NB15 OFF R*	194335.0	641940.0	194130.0	641806.0	245.	237.	AG	325.	3.8	.0	32.0		
59.	59	nbofrmlt	194040.0	641745.0	194097.4	641783.9	69.	56.	AG	49.	100.0	.0	12.0	.65	3.5
60.	60	NB270ofrmp	194130.0	641806.0	193990.0	641711.0	169.	236.	AG	100.	2.6	.0	32.0		
61.	61	NB270ofrmp	194130.0	641806.0	194040.0	641788.0	92.	259.	AG	100.	2.6	.0	32.0		
62.	62	NB270ofrmp	194040.0	641788.0	193969.0	641812.0	75.	289.	AG	100.	2.6	.0	32.0		
63.	63	nbofrmlt	193976.0	641810.0	193996.2	641803.3	21.	108.	AG	49.	100.0	.0	12.0	.22	1.1
64.	64	WB 7th Str	193969.0	641812.0	193928.0	641844.0	52.	308.	AG	1350.	2.6	.0	44.0		
65.	65	WB 7th Str	194380.0	641219.0	194187.0	641464.0	312.	322.	AG	1350.	2.6	.0	44.0		
66.	66	WB 7th Str	194187.0	641464.0	194056.0	641641.0	220.	323.	AG	1350.	2.6	.0	44.0		
67.	67	WB 7th St	194056.0	641641.0	194003.0	641720.0	95.	326.	AG	1350.	2.6	.0	44.0		
68.	68	WB 7 TQ	194017.0	641699.0	194056.5	641641.0	70.	146.	AG	48.	100.0	.0	24.0	.65	3.6
69.	69	WB 7TH THRU	194003.0	641720.0	193928.0	641844.0	145.	329.	AG	900.	2.6	.0	32.0		
70.	70	WB 7TH RIGHT	194056.0	641641.0	194063.0	641724.0	83.	5.	AG	450.	2.6	.0	32.0		
71.	71	WB 7TH RIGHT Q	194062.0	641709.0	194057.7	641662.5	47.	185.	AG	24.	100.0	.0	12.0	.43	2.4
72.	72	NB 270 ONR*	194063.0	641724.0	194399.0	641958.0	409.	55.	AG	325.	2.6	.0	32.0		
73.	73	NB 270 ONR*	194399.0	641958.0	194473.0	642025.0	100.	48.	AG	325.	2.6	.0	32.0		
74.	74	NB 270 ONR*	194473.0	642025.0	194525.0	642103.0	94.	34.	AG	325.	2.6	.0	32.0		
75.	75	NB 270 ONR*	194525.0	642103.0	194564.0	642207.0	111.	21.	AG	325.	2.6	.0	32.0		
76.	76	NB 270 ONR*	194564.0	642207.0	194607.0	642463.0	260.	10.	AG	325.	2.6	.0	32.0		
77.	77	NB 270 ONR*	194607.0	642463.0	194637.0	642565.0	106.	16.	AG	325.	2.6	.0	32.0		
78.	78	EB 7TH STR*	194010.0	641684.0	194223.0	641375.0	375.	145.	AG	825.	2.6	.0	32.0		
79.	79	EB 7TH STR*	194223.0	641375.0	194360.0	641206.0	218.	141.	AG	825.	2.6	.0	32.0		

JOB: US 15 Ramps at 7th ST B230P
DATE: 01/20/2007 TIME: 17:54:34.61

RUN: US 15 RAMPS AND 7TH B230 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
10. 10 " QUEUE T&L	90	68	2.0	225	1324	28.30	1	3
12. 12 " QUEUE RIGHT	90	68	2.0	300	1583	28.30	1	3
16. 16 " "	90	68	2.0	100	1110	28.30	1	3
30. 30 EB 7TH THR	90	47	2.0	1050	1807	28.30	1	3
32. 32 EB 7th Q	60	19	2.0	900	976	28.30	1	3
34. 34 WB 7TH THR	60	19	2.0	900	1681	28.30	1	3
59. 59 nbofrmp1t	60	39	2.0	325	1770	28.30	1	3
63. 63 nbofrmp1t	60	39	2.0	100	1583	28.30	1	3
68. 68 WB 7 TQ	60	19	2.0	1350	1681	28.30	1	3
71. 71 WB 7TH RIGHT Q	60	19	2.0	450	1681	28.30	1	3

RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. REC 1 400' SE CORNER	193303.0	641955.0	5.0
2. REC 2 164' SE CORNER	193495.0	642095.0	5.0
3. REC 3 82' SE CORNER	193560.0	642142.0	5.0
4. REC 4 SE CORNER	193632.0	642182.0	5.0
5. REC 5 82' ES CORNER	193681.0	642126.0	5.0
6. REC 6 400' ES CORNE	193861.0	641863.0	5.0
7. REC 7 400' NW CORNE	193909.0	642588.0	5.0
8. REC 8 164' NW CORNE	193754.0	642433.0	5.0
9. REC 9 82' NW CORNER	193714.0	642367.0	5.0
10. REC 10 NW CORNER	193633.0	642321.0	5.0
11. REC 11 82' WN CORNE	193592.0	642378.0	5.0
12. REC 12 164' WN CORN	193547.0	642444.0	5.0
13. REC 13 400' WN CORN	193402.0	642637.0	5.0
14. REC 14 400' WS CORN	193374.0	642573.0	5.0
15. REC 15 164' WS CORN	193511.0	642376.0	5.0
16. REC 16 82' WS CORNE	193554.0	642313.0	5.0
17. REC 17 SW CORNER	193594.0	642244.0	5.0
18. REC 18 82' SW CORNER	193535.0	642189.0	5.0
19. REC 19 164' SW CORNE	193470.0	642142.0	5.0
20. REC 20 400' SW CORNE	193275.0	641999.0	5.0
21. REC 21 RES. BIGGS	193562.0	642047.0	5.0
22. REC 22 BBALL FIELD	193480.0	641424.0	5.0

1

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 4

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	.0	.0	.1	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0
5.	.0	.0	.1	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
10.	.0	.0	.1	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
15.	.0	.0	.1	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
20.	.0	.0	.1	.2	.3	.6	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
25.	.0	.0	.0	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
30.	.0	.0	.0	.2	.3	.6	.0	.0	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
35.	.0	.0	.0	.2	.3	.6	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
40.	.0	.0	.0	.1	.3	.6	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.4	.1	.0	.0
45.	.0	.0	.0	.2	.3	.4	.0	.1	.1	.0	.0	.0	.0	.2	.2	.4	.5	.0	.0	.0
50.	.0	.0	.0	.2	.3	.3	.0	.1	.2	.0	.0	.0	.0	.2	.2	.4	.5	.0	.0	.0
55.	.0	.0	.0	.2	.4	.2	.0	.1	.2	.0	.0	.0	.0	.2	.2	.4	.5	.0	.0	.0
60.	.0	.0	.0	.3	.5	.2	.0	.1	.2	.0	.0	.0	.0	.2	.2	.4	.5	.0	.0	.0
65.	.2	.2	.2	.3	.7	.2	.0	.2	.2	.1	.0	.0	.0	.2	.2	.4	.3	.0	.0	.0
70.	.2	.3	.2	.4	.6	.2	.0	.2	.2	.2	.0	.0	.0	.2	.2	.4	.4	.1	.2	.2
75.	.3	.3	.3	.4	.6	.2	.0	.2	.3	.4	.0	.0	.0	.2	.2	.4	.4	.2	.2	.2
80.	.3	.3	.3	.5	.7	.2	.0	.3	.5	.5	.0	.0	.0	.2	.3	.5	.3	.2	.3	.2
85.	.3	.2	.3	.5	.6	.2	.2	.3	.6	.4	.1	.0	.0	.2	.4	.7	.3	.3	.2	.2
90.	.3	.3	.3	.5	.6	.2	.2	.2	.5	.4	.2	.1	.0	.2	.5	.7	.3	.2	.2	.3
95.	.2	.3	.3	.4	.6	.1	.2	.2	.4	.4	.2	.2	.0	.2	.5	.6	.4	.2	.2	.3
100.	.2	.2	.2	.5	.6	.1	.1	.2	.4	.4	.2	.2	.0	.2	.5	.6	.3	.3	.3	.2
105.	.3	.2	.3	.5	.5	.1	.2	.2	.4	.4	.2	.2	.0	.2	.6	.6	.3	.2	.2	.2
110.	.2	.2	.3	.4	.6	.1	.2	.2	.4	.4	.2	.2	.0	.3	.5	.6	.3	.2	.2	.2
115.	.2	.2	.2	.4	.6	.1	.2	.2	.5	.4	.1	.1	.1	.3	.6	.6	.4	.2	.2	.2
120.	.2	.2	.2	.5	.6	.1	.2	.3	.5	.4	.3	.1	.1	.3	.5	.6	.4	.2	.2	.2
125.	.2	.3	.2	.5	.5	.1	.2	.2	.5	.4	.2	.2	.0	.3	.5	.6	.6	.2	.2	.2
130.	.2	.3	.2	.3	.6	.1	.2	.3	.4	.4	.2	.1	.1	.3	.5	.3	.5	.2	.2	.2
135.	.2	.2	.2	.3	.5	.1	.2	.2	.6	.4	.2	.1	.1	.3	.6	.4	.5	.2	.2	.2
140.	.2	.2	.2	.3	.5	.1	.2	.3	.5	.5	.1	.1	.1	.2	.5	.5	.4	.2	.2	.2
145.	.2	.2	.2	.3	.5	.1	.2	.3	.5	.3	.3	.3	.2	.2	.4	.4	.4	.2	.2	.2
150.	.2	.2	.3	.2	.5	.1	.2	.3	.5	.5	.3	.4	.3	.2	.4	.3	.4	.2	.2	.2
155.	.2	.2	.3	.2	.5	.1	.2	.4	.5	.6	.4	.4	.4	.2	.4	.2	.3	.2	.2	.2
160.	.3	.2	.2	.2	.4	.0	.2	.5	.4	.6	.4	.5	.4	.1	.1	.2	.3	.2	.2	.3
165.	.3	.2	.2	.2	.4	.0	.2	.5	.4	.5	.5	.4	.3	.1	.1	.1	.3	.2	.2	.2
170.	.2	.2	.2	.2	.4	.0	.1	.5	.4	.4	.5	.4	.3	.1	.2	.2	.4	.2	.2	.2
175.	.2	.2	.2	.4	.4	.0	.1	.5	.4	.3	.5	.5	.3	.0	.2	.2	.2	.2	.2	.3
180.	.3	.2	.2	.4	.4	.0	.2	.5	.4	.4	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2
185.	.3	.2	.2	.3	.5	.0	.3	.5	.4	.5	.6	.5	.2	.0	.2	.2	.2	.2	.2	.2
190.	.3	.3	.2	.3	.4	.0	.3	.4	.5	.5	.6	.5	.2	.0	.2	.2	.2	.2	.3	.2
195.	.2	.3	.2	.2	.4	.0	.3	.4	.4	.5	.6	.4	.2	.0	.2	.3	.2	.3	.2	.2

S35B230P.OUT
 200. * .2 .3 .3 .2 .5 .0 .3 .4 .4 .6 .6 .3 .2 .0 .1 .2 .3 .3 .3 .2
 205. * .2 .3 .3 .3 .5 .0 .2 .5 .5 .6 .5 .3 .2 .0 .1 .1 .3 .2 .3 .2

1

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 5

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.3	.3	.5	.0	.2	.5	.5	.5	.5	.2	.2	.0	.0	.1	.2	.3	.2	.2
215.	.2	.2	.3	.3	.4	.0	.1	.2	.4	.4	.4	.2	.2	.0	.0	.0	.2	.2	.2	.0
220.	.1	.2	.2	.3	.5	.0	.1	.0	.1	.3	.4	.2	.2	.0	.0	.0	.1	.2	.1	.0
225.	.0	.1	.1	.2	.3	.0	.1	.0	.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
230.	.0	.0	.0	.0	.3	.0	.0	.0	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
235.	.0	.0	.0	.0	.1	.1	.0	.0	.2	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0
240.	.0	.0	.0	.0	.0	.2	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
245.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
250.	.0	.0	.0	.0	.0	.4	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
255.	.0	.0	.0	.0	.0	.4	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.0	.0	.0	.3	.0	.0	.1	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.1	.0	.4	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.1	.0	.4	.0	.0	.0	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.1	.0	.3	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.2	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0
320.	.0	.0	.0	.3	.0	.4	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0
325.	.0	.0	.0	.4	.2	.4	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0
330.	.0	.0	.0	.4	.3	.4	.0	.0	.0	.1	.1	.0	.1	.1	.2	.3	.3	.0	.0	.0
335.	.0	.0	.0	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.0	.0	.0
340.	.0	.0	.0	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.0	.0	.0
345.	.0	.0	.0	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.0	.0	.0
350.	.0	.0	.0	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0
355.	.0	.0	.0	.4	.2	.6	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.0	.0	.0
360.	.0	.0	.1	.4	.2	.5	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.0	.0	.0
MAX	.3	.3	.3	.5	.7	.6	.3	.5	.6	.6	.6	.5	.4	.3	.6	.7	.6	.3	.3	.3
DEGR.	75	70	75	80	65	15	185	160	85	155	180	160	155	110	105	85	125	85	80	90

1

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 6

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC21	* REC22
0.	.0	.2
5.	.0	.2
10.	.0	.2
15.	.0	.2
20.	.0	.1
25.	.0	.2
30.	.0	.1
35.	.0	.1
40.	.0	.1
45.	.0	.0
50.	.0	.0
55.	.1	.0
60.	.3	.0
65.	.3	.0
70.	.3	.0
75.	.5	.0
80.	.4	.0
85.	.5	.0
90.	.4	.0
95.	.4	.0
100.	.4	.0
105.	.4	.0
110.	.4	.0
115.	.4	.0
120.	.4	.0
125.	.4	.0
130.	.4	.0
135.	.4	.0
140.	.3	.0
145.	.4	.0
150.	.4	.0
155.	.4	.0
160.	.4	.0
165.	.4	.0
170.	.4	.0
175.	.4	.0
180.	.4	.0
185.	.4	.0
190.	.4	.0
195.	.4	.0
200.	.4	.0
205.	.4	.0

1

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

WIND ANGLE RANGE: 0.-360.

```

WIND * CONCENTRATION
ANGLE * (PPM)
(DEGR) * REC21 REC22
-----*-----
210. * .4 .0
215. * .5 .0
220. * .3 .0
225. * .3 .0
230. * .3 .0
235. * .0 .0
240. * .0 .0
245. * .0 .0
250. * .0 .0
255. * .0 .0
260. * .0 .0
265. * .0 .1
270. * .0 .1
275. * .0 .1
280. * .0 .2
285. * .0 .2
290. * .0 .2
295. * .0 .2
300. * .0 .2
305. * .0 .2
310. * .0 .2
315. * .0 .2
320. * .0 .2
325. * .0 .2
330. * .0 .1
335. * .0 .2
340. * .0 .3
345. * .0 .3
350. * .0 .2
355. * .0 .2
360. * .0 .2
-----*-----
MAX * .5 .3
DEGR. * 75 340

```

THE HIGHEST CONCENTRATION IS .70 PPM AT 65 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 85 DEGREES FROM REC16 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 15 DEGREES FROM REC6 .

1

JOB: US 15 Ramps at 7th ST B230P
 DATE: 01/20/2007 TIME: 17:54:34.61

RUN: US 15 RAMPS AND 7TH B230 PM

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	CO/LINK (PPM) ANGLE (DEGREES)																			
	REC1 75	REC2 70	REC3 75	REC4 80	REC5 65	REC6 15	REC7 185	REC8 160	REC9 85	REC10 155	REC11 180	REC12 160	REC13 155	REC14 110	REC15 105	REC16 85	REC17 125	REC18 85	REC19 80	REC20 90
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0
31	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0
40	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1
45	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

1

S35B230P.OUT

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 9

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 75	REC2 70	REC3 75	REC4 80	REC5 65	REC6 15	REC7 185	REC8 160	REC9 85	REC10 155	REC11 180	REC12 160	REC13 155	REC14 110	REC15 105	REC16 85	REC17 125	REC18 85	REC19 80	REC20 90
46	*	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0
47	*	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: US 15 Ramps at 7th ST B230P
DATE: 01/20/2007 TIME: 17:54:34.61

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 10

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)	
		REC21 75	REC22 340
1	*	.0	.0
2	*	.0	.0
3	*	.0	.0
4	*	.0	.0
5	*	.0	.0
6	*	.0	.0
7	*	.0	.0
8	*	.0	.0
9	*	.0	.0
10	*	.0	.0
11	*	.0	.0
12	*	.0	.0
13	*	.0	.0
14	*	.0	.0
15	*	.0	.0
16	*	.0	.0
17	*	.0	.0
18	*	.0	.0
19	*	.0	.0
20	*	.0	.0
21	*	.0	.0
22	*	.0	.0
23	*	.0	.0
24	*	.0	.0
25	*	.0	.0
26	*	.0	.0
27	*	.0	.0
28	*	.0	.0
29	*	.0	.0
30	*	.0	.0
31	*	.0	.0
32	*	.0	.0
33	*	.0	.0
34	*	.0	.0
35	*	.0	.0
36	*	.0	.0
37	*	.0	.0
38	*	.0	.0
39	*	.1	.0
40	*	.2	.0
41	*	.0	.1
42	*	.0	.0
43	*	.0	.1
44	*	.0	.1
45	*	.1	.0

1

JOB: US 15 Ramps at 7th ST B230P

RUN: US 15 RAMPS AND 7TH B230 PM

PAGE 11

	*	CO/LINK (PPM)	
	*	ANGLE (DEGREES)	
	*	REC21 REC22	
LINK #	*	75 340	
46	*	.1 .0	
47	*	.0 .0	
48	*	.0 .0	
49	*	.0 .0	
50	*	.0 .0	
51	*	.0 .0	
52	*	.0 .0	
53	*	.0 .0	
54	*	.0 .0	
55	*	.0 .0	
56	*	.0 .0	
57	*	.0 .0	
58	*	.0 .0	
59	*	.0 .0	
60	*	.0 .0	
61	*	.0 .0	
62	*	.0 .0	
63	*	.0 .0	
64	*	.0 .0	
65	*	.0 .0	
66	*	.0 .0	
67	*	.0 .0	
68	*	.0 .0	
69	*	.0 .0	
70	*	.0 .0	
71	*	.0 .0	
72	*	.0 .0	
73	*	.0 .0	
74	*	.0 .0	
75	*	.0 .0	
76	*	.0 .0	
77	*	.0 .0	
78	*	.0 .0	
79	*	.0 .0	

Site 36 Rose Hill Manor

										S36EXAM.DAT	
I270/US15 CORRIDOR STUDY										60.0175.0.0000.000200.30480000	11
R1	ROSE	HILL	MANOR	I	197074.	644969.	5.0				
R2	ROSE	HILL	MANOR	I	197115.	645008.	5.0				
R2	ROSE	HILL	MANOR	I	197159.	645042.	5.0				
R4	ROSE	HILL	MANOR	I	197188.	645083.	5.0				
R5	ROSE	HILL	MANOR	I	197298.	645235.	5.0				
R6	ROSE	HILL	MANOR	I	197414.	645368.	5.0				
R7	ROSE	HILL	MANOR	I	197583.	645558.	5.0				
R8	ROSE	HILL	MANOR		197778.	645749.	5.0				
R9	ROSE	HILL	MANOR		197947.	645968.	5.0				
R10	ROSE	HILL	MANOR		198146.	646274.	5.0				
R11	ROSE	HILL	MANOR		198262.	646464.	5.0				
R12	ROSE	HILL	MANOR		197925.	646581.	5.0				
R13	ROSE	HILL	MANOR		197879.	646282.	5.0				
R14	ROSE	HILL	MANOR		197727.	646026.	5.0				
R15	ROSE	HILL	MANOR		197611.	645879.	5.0				
R16	ROSE	HILL	MANOR		197412.	645665.	5.0				
R17	ROSE	HILL	MANOR		197226.	645473.	5.0				
R18	ROSE	HILL	MANOR		197125.	645368.	5.0				
R19	ROSE	HILL	MANOR		197021.	645259.	5.0				
R20	ROSE	HILL	MANOR		196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR 1998 AM										14	1
1											
1		I270	NB	AG198209.646560.198094.646323.	1814.	3.6	044.0	30.			
1											
2		I270	NB	AG198094.646323.197901.646015.	1814.	3.6	044.0	30.			
1											
3		I270	NB	AG197901.646015.197747.645818.	1814.	3.6	044.0	30.			
1											
4		I270	NB	AG197747.645818.197592.645646.	1814.	3.6	044.0	30.			
1											
5		I270	NB	AG197592.645646.197403.645457.	1814.	3.6	044.0	30.			
1											
6		I270	NB	AG197403.645457.197125.645158.	1814.	3.6	044.0	30.			
1											
7		I270	NB	ONAG197125.645158.196983.645032.	1704.	3.6	044.0	30.			
1											
8		I270	SB	26AG198133.646596.198043.646404.	1742.	4.1	044.0	30.			
1											
9		I270	SB	26AG198043.646404.197930.646200.	1742.	4.1	044.0	30.			
1											
10		I270	SB	26AG197930.646200.197831.646046.	1742.	4.1	044.0	30.			
1											
11		I270	SB	26AG197831.646046.197685.645860.	1742.	4.1	044.0	30.			
1											
12		I270	SB	26AG197685.645860.197580.645743.	1742.	4.1	044.0	30.			
1											
13		I270	SB	AG197581.645744.197261.645413.	3096.	3.6	044.0	30.			
1											
14		I270	SB	AG197261.645413.196939.645089.	3096.	3.6	044.0	30.			
1.0	0.4	1000.	0.0Y	5 0 72							

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:57:23.31

RUN: SITE 36 ROSE HILL MANOR 1998 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	1814.	3.6	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	1814.	3.6	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	1814.	3.6	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	1814.	3.6	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	1814.	3.6	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	1814.	3.6	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	1704.	3.6	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	1742.	4.1	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	1742.	4.1	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	1742.	4.1	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	1742.	4.1	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	1742.	4.1	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3096.	3.6	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3096.	3.6	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:57:23.31

RUN: SITE 36 ROSE HILL MANOR 1998 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.2	.2	.2	.2	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.2	.2	.2	.2	.2	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.2	.2	.2	.2	.2	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.2	.3	.3	.2	.2	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.2	.2	.2	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1
45.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.1	.2	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.2	.3
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.2	.3	.3	.3
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.3	.3	.4	.4
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.2	.3	.4
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.3	.4	.3	.4
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.3	.4	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.3	.3	.3
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.3	.3	.3
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.2	.2	.2	.3	.3	.3
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2	.2	.3	.3	.3

S36EXAM.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.3	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.3	.3	.3	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.3	.3	.3	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.3	.3	.3	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.2
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.2
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.4	.3	.2
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.3	.3	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	.3	.3	.1
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.3	.3	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.3	.3	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.3	.3	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.2	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.2	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.2	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.2	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.2	.2	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.2	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.2	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.0
225.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.0	.1	.3	.2	.2	.1	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.2	.4	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.2	.4	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.2	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.0	.1	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.2	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.2	.2	.3	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.2	.2	.3	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.2	.2	.2	.2	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.2	.1	.3	.3	.4	.4	.4	.4	.4	.4

THE HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 200 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 205 DEGREES FROM REC16.

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 AM

PAGE 5

DATE: 12/15/2006 TIME: 10:57:23.31

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
7	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	*	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.0
14	*	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3

				S36EXPM.DAT			
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1			
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR 1998 PM		14	1	1			
1							
1	I270 NB	AG198209.646560.198094.646323.	3247. 3.5	044.0	30.		
2	I270 NB	AG198094.646323.197901.646015.	3247. 3.5	044.0	30.		
3	I270 NB	AG197901.646015.197747.645818.	3247. 3.5	044.0	30.		
4	I270 NB	AG197747.645818.197592.645646.	3247. 3.5	044.0	30.		
5	I270 NB	AG197592.645646.197403.645457.	3247. 3.5	044.0	30.		
6	I270 NB	AG197403.645457.197125.645158.	3247. 3.5	044.0	30.		
7	I270 NB	ONAG197125.645158.196983.645032.	2914. 3.5	044.0	30.		
8	I270 SB	26AG198133.646596.198043.646404.	1039. 4.1	044.0	30.		
9	I270 SB	26AG198043.646404.197930.646200.	1039. 4.1	044.0	30.		
10	I270 SB	26AG197930.646200.197831.646046.	1039. 4.1	044.0	30.		
11	I270 SB	26AG197831.646046.197685.645860.	1039. 4.1	044.0	30.		
12	I270 SB	26AG197685.645860.197580.645743.	1039. 4.1	044.0	30.		
13	I270 SB	AG197581.645744.197261.645413.	2125. 3.6	044.0	30.		
14	I270 SB	AG197261.645413.196939.645089.	2125. 3.6	044.0	30.		
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:58:20.98

RUN: SITE 36 ROSE HILL MANOR 1998 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	3247.	3.5	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	3247.	3.5	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	3247.	3.5	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	3247.	3.5	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	3247.	3.5	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	3247.	3.5	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	2914.	3.5	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	1039.	4.1	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	1039.	4.1	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	1039.	4.1	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	1039.	4.1	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	1039.	4.1	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	2125.	3.6	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	2125.	3.6	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/15/2006 TIME: 10:58:20.98

RUN: SITE 36 ROSE HILL MANOR 1998 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.3	.2	.3	.3	.3	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.2	.3	.3	.3	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.3	.2	.2	.2	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.3	.2	.2	.3	.4	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.1	.2	.1	.2	.3	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.1	.1	.1	.1	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	*	.1	.1	.1	.1	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	*	.1	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
45.	*	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.2	.1
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.2	.2	.2
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.2	.3	.3
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.3	.3	.3	.3
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.3	.4	.3	.3
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.4	.3	.3
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.2	.3	.2	.3	.3
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3	.3	.2	.3	.4
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.4	.2	.3	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.3	.3	.2	.3	.3
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.2	.3	.3

S36EXPM.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.2	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2	.2	.2	.3	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.2
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.2	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.2	.3	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.3	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.2	.3	.2	.3	.3	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.4	.2	.4	.3	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.3	.3	.3	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.3	.1	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.1	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.3	.1	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.3	.3	.2	.1	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.2	.3	.1	.1	.1	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.0	.0	.1	.1	.2	.1	.1	.0	.0
225.	*	.0	.0	.0	.0	.0	.1	.2	.2	.2	.3	.2	.0	.0	.0	.1	.1	.1	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.1	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.2	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.3	.4	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.2	.3	.4	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.4	.3	.4	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.3	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.1	.3	.3	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.1	.3	.3	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.1	.3	.3	.4	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.1	.1	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.1	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.1	.2	.3	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.1	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.1	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.1	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.3	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.3	.2	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.3	.3	.3	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.3	.3	.3	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.3	.2	.3	.3	.3	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.1	.3	.3	.4	.4	.4	.4	.4	.3	.4

THE HIGHEST CONCENTRATION IS .40 PPM AT 20 DEGREES FROM REC5 .
 THE 2ND HIGHEST CONCENTRATION IS .40 PPM AT 5 DEGREES FROM REC6 .
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 240 DEGREES FROM REC7 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR 1998 PM

PAGE 5

DATE: 12/15/2006 TIME: 10:58:20.98

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
6	*	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.1	.0
14	*	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2

I270/US15 CORRIDOR STUDY				S36NB15A.DAT			
				60.0175.0.0000.000200.30480000	11	1	
R1	ROSE HILL MANOR I	197074.	644969.	5.0			
R2	ROSE HILL MANOR I	197115.	645008.	5.0			
R2	ROSE HILL MANOR I	197159.	645042.	5.0			
R4	ROSE HILL MANOR I	197188.	645083.	5.0			
R5	ROSE HILL MANOR I	197298.	645235.	5.0			
R6	ROSE HILL MANOR I	197414.	645368.	5.0			
R7	ROSE HILL MANOR I	197583.	645558.	5.0			
R8	ROSE HILL MANOR	197778.	645749.	5.0			
R9	ROSE HILL MANOR	197947.	645968.	5.0			
R10	ROSE HILL MANOR	198146.	646274.	5.0			
R11	ROSE HILL MANOR	198262.	646464.	5.0			
R12	ROSE HILL MANOR	197925.	646581.	5.0			
R13	ROSE HILL MANOR	197879.	646282.	5.0			
R14	ROSE HILL MANOR	197727.	646026.	5.0			
R15	ROSE HILL MANOR	197611.	645879.	5.0			
R16	ROSE HILL MANOR	197412.	645665.	5.0			
R17	ROSE HILL MANOR	197226.	645473.	5.0			
R18	ROSE HILL MANOR	197125.	645368.	5.0			
R19	ROSE HILL MANOR	197021.	645259.	5.0			
R20	ROSE HILL MANOR	196914.	645147.	5.0			
SITE 36 ROSE HILL MANOR NB15 AM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	1975. 4.1	044.0	58.		
2	I270 NB	AG198094.646323.197901.646015.	1975. 4.1	044.0	58.		
3	I270 NB	AG197901.646015.197747.645818.	1975. 4.1	044.0	58.		
4	I270 NB	AG197747.645818.197592.645646.	1975. 4.1	044.0	58.		
5	I270 NB	AG197592.645646.197403.645457.	1975. 4.1	044.0	58.		
6	I270 NB	AG197403.645457.197125.645158.	1975. 4.1	044.0	58.		
7	I270 NB	ONAG197125.645158.196983.645032.	1975. 4.1	044.0	58.		
8	I270 SB	26AG198133.646596.198043.646404.	2900. 4.1	044.0	58.		
9	I270 SB	26AG198043.646404.197930.646200.	2900. 4.1	044.0	58.		
10	I270 SB	26AG197930.646200.197831.646046.	3425. 3.9	044.0	55.		
11	I270 SB	26AG197831.646046.197685.645860.	3425. 3.9	044.0	55.		
12	I270 SB	26AG197685.645860.197580.645743.	3425. 3.9	044.0	55.		
13	I270 SB	AG197581.645744.197261.645413.	3425. 3.9	044.0	55.		
14	I270 SB	AG197261.645413.196939.645089.	3425. 3.9	044.0	55.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:24:53.44

RUN: SITE 36 ROSE HILL MANOR NB15 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	1975.	4.1	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	1975.	4.1	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	1975.	4.1	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	1975.	4.1	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	1975.	4.1	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	1975.	4.1	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	1975.	4.1	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	2900.	4.1	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	2900.	4.1	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3425.	3.9	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3425.	3.9	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3425.	3.9	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3425.	3.9	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3425.	3.9	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:24:53.44

RUN: SITE 36 ROSE HILL MANOR NB15 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.3	.2	.2	.3	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.3	.2	.2	.3	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.2	.2	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.2	.3	.3	.3	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.3	.3	.2	.2	.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.3	.2	.2	.3	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
35.	.2	.2	.2	.2	.3	.1	.1	.2	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
40.	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.2
45.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.2	.2	.2
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.2	.2	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.3	.2	.2	.3	.5
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.2	.3	.3	.3	.3	.5
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.5	.4
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.4	.4	.4	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.4	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.3	.3	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.4	.4	.4

S36NB15A.OUT																			
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.4	.4	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.2
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.3	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 AM

PAGE 4

WIND		* CONCENTRATION																			
ANGLE		* (PPM)																			
(DEGR)		* REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.4	.3	.2	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.2	.3	.2	.2	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.3	.2	.2	.1	.1	.0
225.	*	.0	.0	.0	.0	.0	.1	.1	.3	.2	.3	.2	.2	.0	.0	.1	.1	.2	.1	.0	.0
230.	*	.0	.0	.0	.0	.1	.1	.3	.2	.3	.3	.3	.0	.0	.0	.1	.1	.1	.1	.0	.0
235.	*	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.3	.2	.4	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.3	.4	.3	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.3	.4	.4	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.4	.3	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.2	.4	.4	.3	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.1	.2	.4	.4	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.2	.3	.4	.4	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.1	.2	.2	.3	.4	.2	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.2	.4	.4	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.2	.3	.4	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.2	.2	.3	.4	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.2	.2	.2	.2	.4	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.2	.2	.4	.2	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.2	.2	.2	.4	.2	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.2	.2	.2	.4	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.3	.2	.2	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.2	.2	.2	.4	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.3	.2	.3	.3	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.2	.3	.4	.3	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.2	.2	.4	.3	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.3	.2	.2	.3	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.3	.3	.3	.3	.3	.4	.4	.4	.5	.4	.3	.2	.4	.4	.4	.5	.4	.4	.5	.5
DEGR.	*	15	0	15	10	0	0	10	245	235	230	110	60	50	50	200	65	65	65	55	55

THE HIGHEST CONCENTRATION IS .50 PPM AT 245 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC16.
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 65 DEGREES FROM REC19.

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 AM

PAGE 5

DATE: 01/22/2007 TIME: 14:24:53.44

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 15	REC2 0	REC3 15	REC4 10	REC5 0	REC6 0	REC7 0	REC8 10	REC9 245	REC10 235	REC11 230	REC12 110	REC13 60	REC14 50	REC15 50	REC16 200	REC17 65	REC18 65	REC19 65	REC20 55
LINK	#																				
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	
6	*	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.1	.1	.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	

				S36NB15P.DAT			
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1			
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR NB15 PM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	3200. 4.0	044.0	56.		
2	I270 NB	AG198094.646323.197901.646015.	3200. 4.0	044.0	56.		
3	I270 NB	AG197901.646015.197747.645818.	3200. 4.0	044.0	56.		
4	I270 NB	AG197747.645818.197592.645646.	3200. 4.0	044.0	56.		
5	I270 NB	AG197592.645646.197403.645457.	3200. 4.0	044.0	56.		
6	I270 NB	AG197403.645457.197125.645158.	3200. 4.0	044.0	56.		
7	I270 NB	ONAG197125.645158.196983.645032.	3200. 4.0	044.0	56.		
8	I270 SB	26AG198133.646596.198043.646404.	2050. 3.7	044.0	58.		
9	I270 SB	26AG198043.646404.197930.646200.	2050. 4.1	044.0	58.		
10	I270 SB	26AG197930.646200.197831.646046.	2475. 4.0	044.0	56.		
11	I270 SB	26AG197831.646046.197685.645860.	2475. 4.0	044.0	56.		
12	I270 SB	26AG197685.645860.197580.645743.	2475. 4.0	044.0	56.		
13	I270 SB	AG197581.645744.197261.645413.	2475. 4.0	044.0	56.		
14	I270 SB	AG197261.645413.196939.645089.	2475. 4.0	044.0	56.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:28:06.11

RUN: SITE 36 ROSE HILL MANOR NB15 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	3200.	4.0	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	3200.	4.0	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	3200.	4.0	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	3200.	4.0	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	3200.	4.0	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	3200.	4.0	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	3200.	4.0	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	2050.	3.7	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	2050.	4.1	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	2475.	4.0	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	2475.	4.0	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	2475.	4.0	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	2475.	4.0	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	2475.	4.0	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:28:06.11

RUN: SITE 36 ROSE HILL MANOR NB15 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.3	.3	.3	.3	.4	.5	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.4	.3	.3	.3	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.3	.3	.3	.3	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.3	.3	.3	.3	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.3	.3	.3	.4	.3	.5	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.4	.3	.3	.3	.4	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.1	.3	.2	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.1	.1	.2	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40.	.1	.1	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.1	.2	.0	.0	.1	.1	.1	.1
45.	.1	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.3	.3	.3	.0	.1	.1	.2	.2
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.2	.1	.1	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.2	.3	.3	.4
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.5	.3
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.3	.4	.4	.3
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.3	.4	.3	.3
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.4	.3	.3
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.4	.3	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.4	.3	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.4	.4	.3	.3	.3
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.4	.4	.3	.3	.3

S36NB15P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.3
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.3	.3	.3
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.3
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.3
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.3
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.4	.3
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.4	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.3	.3	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.3	.3	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.2	.3	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.2	.3	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.3	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.4	.3	.3	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.4	.3	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.3	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.3	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.4	.3	.2	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.5	.4	.4	.3	.1	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.4	.3	.3	.2	.1	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.2	.2	.3	.2	.1	.1	.0	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0
225.	*	.0	.0	.0	.0	.1	.1	.2	.2	.2	.3	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.4	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.3	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.3	.4	.5	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.4	.4	.5	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.4	.4	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.1	.3	.4	.4	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.3	.4	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.3	.4	.4	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.1	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.3	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.3	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.3	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.3	.3	.3	.3	.4	.3	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.1	.3	.3	.2	.3	.3	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.3	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.3	.3	.3	.3	.3	.4	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.3	.2	.2	.3	.3	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.3	.2	.3	.3	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.3	.3	.3	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.3	.2	.3	.3	.3	.4	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.3	.3	.3	.3	.4	.5	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX		.4	.3	.3	.3	.4	.4	.5	.4	.5	.4	.4	.2	.4	.5	.5	.4	.4	.4	.5	.4
DEGR.	*	5	0	0	0	20	0	5	5	235	235	100	175	205	185	60	60	60	60	55	

THE HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 205 DEGREES FROM REC14 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB15 PM

PAGE 5

DATE: 01/22/2007 TIME: 14:28:06.11

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0
6	*	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
7	*	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2

				S36B115A.DAT			
I270/US15 CORRIDOR STUDY				60.0175.0.0000.000200.30480000	11	1	
R1	ROSE HILL MANOR I	197074.	644969.	5.0			
R2	ROSE HILL MANOR I	197115.	645008.	5.0			
R2	ROSE HILL MANOR I	197159.	645042.	5.0			
R4	ROSE HILL MANOR I	197188.	645083.	5.0			
R5	ROSE HILL MANOR I	197298.	645235.	5.0			
R6	ROSE HILL MANOR I	197414.	645368.	5.0			
R7	ROSE HILL MANOR I	197583.	645558.	5.0			
R8	ROSE HILL MANOR	197778.	645749.	5.0			
R9	ROSE HILL MANOR	197947.	645968.	5.0			
R10	ROSE HILL MANOR	198146.	646274.	5.0			
R11	ROSE HILL MANOR	198262.	646464.	5.0			
R12	ROSE HILL MANOR	197925.	646581.	5.0			
R13	ROSE HILL MANOR	197879.	646282.	5.0			
R14	ROSE HILL MANOR	197727.	646026.	5.0			
R15	ROSE HILL MANOR	197611.	645879.	5.0			
R16	ROSE HILL MANOR	197412.	645665.	5.0			
R17	ROSE HILL MANOR	197226.	645473.	5.0			
R18	ROSE HILL MANOR	197125.	645368.	5.0			
R19	ROSE HILL MANOR	197021.	645259.	5.0			
R20	ROSE HILL MANOR	196914.	645147.	5.0			
SITE 36 ROSE HILL MANOR B115 AM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	1825. 4.2	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	1825. 4.2	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	1825. 4.2	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	1825. 4.2	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	1825. 4.2	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	1825. 4.2	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	1825. 4.2	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	3500. 4.2	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	3500. 4.2	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	3500. 4.2	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	3500. 4.2	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	3500. 4.2	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	3500. 4.2	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	3500. 4.2	044.0	59.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:29:45.09

RUN: SITE 36 ROSE HILL MANOR B115 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	1825.	4.2	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	1825.	4.2	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	1825.	4.2	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	1825.	4.2	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	1825.	4.2	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	1825.	4.2	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	1825.	4.2	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3500.	4.2	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3500.	4.2	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3500.	4.2	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3500.	4.2	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3500.	4.2	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3500.	4.2	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3500.	4.2	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:29:45.09

RUN: SITE 36 ROSE HILL MANOR B115 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.2	.2	.2	.2	.4	.4	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.3	.2	.2	.3	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.2	.2	.2	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.3	.3	.3	.3	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.3	.3	.2	.3	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.3	.2	.2	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35.	.2	.2	.2	.2	.2	.1	.2	.1	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0
40.	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1	.1	.1	.2
45.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.1	.2	.2	.3
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.3	.3	.2	.2	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.3	.3	.3	.4
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.3	.3	.3	.5
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.3	.5	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.5
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.4	.5
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.5	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.4	.4	.4	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.4	.3	.4	.4	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.4	.4

S36B115A.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.3	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.3	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.4	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.3	.4	.4	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.4	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.4	.4	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.4	.4	.3	.4	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.4	.4	.3	.4	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.4	.4	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.4	.4	.4	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.3	.4	.3	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.3	.3	.2	.0	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 AM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.3	.3	.2	.2	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.3	.2	.2	.1	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.2	.3	.2	.2	.1	.1	.0	.0
225.	*	.0	.0	.0	.0	.0	.1	.2	.1	.3	.2	.3	.0	.0	.1	.2	.2	.1	.1	.0
230.	*	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.0	.0	.1	.1	.1	.1	.0	.0
235.	*	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.3	.2	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.4	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.3	.4	.4	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.4	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.3	.4	.4	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.1	.3	.4	.4	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.3	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.1	.2	.3	.2	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.3	.3	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.3	.3	.4	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.2	.2	.3	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.2	.2	.2	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.2	.2	.3	.2	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.3	.2	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.2	.3	.3	.4	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.3	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.2	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.2	.2	.2	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.2	.2	.3	.3	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.2	.3	.4	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.2	.3	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.2	.2	.2	.2	.4	.4	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.3	.3	.3	.3	.3	.4	.4	.4	.5	.4	.3	.2	.4	.4	.5	.5	.4	.5	.5

THE HIGHEST CONCENTRATION IS .50 PPM AT 245 DEGREES FROM REC9 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 195 DEGREES FROM REC15.
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 75 DEGREES FROM REC16.

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 AM

PAGE 5

DATE: 01/22/2007 TIME: 14:29:45.09

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0
6	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
13	*	.0	.0	.1	.1	.2	.2	.1	.0	.1	.0	.0	.0	.0	.2	.3	.3	.1	.1	.1
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3

I270/US15 CORRIDOR STUDY				S36B115P.DAT			
				60.0175.0.0000.000200.30480000	11	1	
R1	ROSE HILL MANOR I	197074.	644969.	5.0			
R2	ROSE HILL MANOR I	197115.	645008.	5.0			
R2	ROSE HILL MANOR I	197159.	645042.	5.0			
R4	ROSE HILL MANOR I	197188.	645083.	5.0			
R5	ROSE HILL MANOR I	197298.	645235.	5.0			
R6	ROSE HILL MANOR I	197414.	645368.	5.0			
R7	ROSE HILL MANOR I	197583.	645558.	5.0			
R8	ROSE HILL MANOR	197778.	645749.	5.0			
R9	ROSE HILL MANOR	197947.	645968.	5.0			
R10	ROSE HILL MANOR	198146.	646274.	5.0			
R11	ROSE HILL MANOR	198262.	646464.	5.0			
R12	ROSE HILL MANOR	197925.	646581.	5.0			
R13	ROSE HILL MANOR	197879.	646282.	5.0			
R14	ROSE HILL MANOR	197727.	646026.	5.0			
R15	ROSE HILL MANOR	197611.	645879.	5.0			
R16	ROSE HILL MANOR	197412.	645665.	5.0			
R17	ROSE HILL MANOR	197226.	645473.	5.0			
R18	ROSE HILL MANOR	197125.	645368.	5.0			
R19	ROSE HILL MANOR	197021.	645259.	5.0			
R20	ROSE HILL MANOR	196914.	645147.	5.0			
SITE 36 ROSE HILL MANOR B115 PM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	3500. 4.2	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	3500. 4.2	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	3500. 4.2	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	3500. 4.2	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	3500. 4.2	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	3500. 4.2	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	3500. 4.2	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	2500. 4.2	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	2500. 4.2	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	2500. 4.2	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	2500. 4.2	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	2500. 4.2	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	2500. 4.2	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	2500. 4.2	044.0	59.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:30:59.35

RUN: SITE 36 ROSE HILL MANOR B115 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	3500.	4.2	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	3500.	4.2	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	3500.	4.2	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	3500.	4.2	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	3500.	4.2	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	3500.	4.2	.0	44.0	
7. 7	I270 NB ON	* 197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	3500.	4.2	.0	44.0	
8. 8	I270 SB 26*	* 198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	2500.	4.2	.0	44.0	
9. 9	I270 SB 26*	* 198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	2500.	4.2	.0	44.0	
10. 10	I270 SB 26*	* 197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	2500.	4.2	.0	44.0	
11. 11	I270 SB 26*	* 197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	2500.	4.2	.0	44.0	
12. 12	I270 SB 26*	* 197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	2500.	4.2	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	2500.	4.2	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	2500.	4.2	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/22/2007 TIME: 14:30:59.35

RUN: SITE 36 ROSE HILL MANOR B115 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	* .3	.3	.3	.3	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	* .4	.3	.3	.3	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	* .3	.4	.3	.3	.4	.4	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	* .3	.4	.3	.4	.5	.4	.4	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	* .4	.3	.3	.3	.4	.4	.6	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	* .5	.3	.3	.3	.4	.5	.6	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	* .3	.3	.4	.4	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	* .1	.1	.2	.2	.3	.3	.4	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
40.	* .1	.1	.1	.2	.2	.2	.3	.2	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.1
45.	* .1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.4	.3	.0	.1	.1	.2	.2
50.	* .0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.4	.3	.3	.1	.1	.2	.4
55.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.3	.4	.4	.3	.4	.4
60.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.5	.3
65.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.4	.4	.4	.4	.4
70.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.3	.4	.3	.4
75.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.3	.4	.4	.4
80.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.3	.4	.4	.4
85.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.4	.4	.4
90.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4	.4
95.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.4	.3
100.	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4	.4

S36B115P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.3	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.3	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.3	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.3	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.4	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.4	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.3	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.3	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.3	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.4	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.4	.4	.3	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.3	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.4	.4	.4	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.3	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.5	.4	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.3	.3	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.4	.3	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.4	.4	.3	.2	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.5	.5	.4	.3	.1	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.4	.4	.3	.3	.1	.0	
215.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.0	.0	.2	.4	.3	.2	.1	.1	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2	.0	.0	.1	.2	.2	.1	.1	.1	.0
225.	*	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.3	.0	.0	.1	.1	.1	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.1	.3	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.4	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.5	.6	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.4	.4	.6	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.4	.4	.5	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.2	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.1	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.3	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.3	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.3	.3	.4	.5	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.3	.4	.4	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.3	.3	.4	.4	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.4	.4	.4	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.3	.3	.4	.4	.4	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.1	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.3	.3	.3	.5	.4	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.4	.3	.3	.4	.3	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.3	.3	.3	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.5	.4	.4	.4	.5	.5	.6	.6	.5	.5	.4	.2	.4	.5	.5	.4	.4	.4	.5	.4

THE HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 15 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 25 DEGREES FROM REC1 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B115 PM

PAGE 5

DATE: 01/22/2007 TIME: 14:30:59.35

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0
5	*	.0	.0	.1	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0
6	*	.2	.2	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
13	*	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1
14	*	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2

				S36B215A			
I270/US15 CORRIDOR STUDY	60.0175.0.0000.000200.30480000	11	1				
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR B215 AM	14	1	1				
1							
1	I270 NB	AG198209.646560.198094.646323.	1800. 4.2	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	1800. 4.2	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	1800. 4.2	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	1800. 4.2	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	1800. 4.2	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	1800. 4.2	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	1800. 4.2	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	3525. 4.2	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	3525. 4.2	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	3525. 4.2	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	3525. 4.2	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	3525. 4.2	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	3525. 4.2	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	3525. 4.2	044.0	59.		
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: I270/US15 CORRIDOR STUDY
DATE: 03/15/2007 TIME: 15:11:20.19

RUN: SITE 36 ROSE HILL MANOR B215 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	1800.	4.2	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	1800.	4.2	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	1800.	4.2	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	1800.	4.2	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	1800.	4.2	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	1800.	4.2	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	1800.	4.2	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3525.	4.2	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3525.	4.2	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3525.	4.2	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3525.	4.2	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3525.	4.2	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3525.	4.2	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3525.	4.2	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 03/15/2007 TIME: 15:11:20.19

RUN: SITE 36 ROSE HILL MANOR B215 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.2	.2	.2	.2	.2	.4	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.2	.3	.2	.2	.3	.3	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.2	.2	.2	.3	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.3	.3	.3	.3	.3	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.3	.3	.3	.2	.3	.2	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.3	.3	.2	.2	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.3	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35.	*	.2	.2	.2	.2	.2	.1	.2	.1	.0	.0	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0
40.	*	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.3	.1	.1	.1	.1	.2
45.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.2	.2	.3
50.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.2	.2	.2	.3
55.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.3	.3	.3	.4
60.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.4	.3	.3	.3	.3	.5
65.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.3	.5	.5
70.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.5	.5
75.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.4	.5
80.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4
85.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.5	.4	.3
90.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.4	.4	.4	.4	.4
95.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.4	.3	.3	.4	.4	.4
100.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.4	.4	.4

																				S36B215A
105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.4	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.3	.4	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.3	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.4	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.5	.4	.4	.3	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.4	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.4	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.3	.4	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.5	.3	.3	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 AM

PAGE 4

																				WIND * CONCENTRATION
																				ANGLE * (PPM)
																				(DEGR) * REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.2	.4	.3	.3	.2	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.3	.2	.3	.2	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.2	.3	.2	.2	.1	.0
225.	*	.0	.0	.0	.0	.0	.1	.2	.0	.2	.2	.3	.0	.0	.1	.2	.2	.1	.1	.0
230.	*	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.0	.0	.0	.1	.1	.1	.1	.0
235.	*	.0	.0	.0	.0	.1	.2	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.3	.2	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.3	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.0	.3	.4	.4	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.4	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.3	.4	.4	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.1	.3	.4	.4	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.3	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.1	.2	.3	.2	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.3	.3	.4	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.3	.3	.4	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.2	.2	.3	.3	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.2	.2	.2	.4	.3	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.2	.2	.3	.2	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.3	.2	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.2	.3	.3	.4	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.3	.3	.3	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.2	.2	.2	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.2	.2	.3	.3	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.2	.3	.4	.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.2	.3	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.2	.2	.2	.2	.4	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.2	.4	.4	.5	.5	.4	.5	.5
DEGR.	*	15	5	15	10	5	0	0	10	0	245	225	115	55	55	180	75	65	85	60

THE HIGHEST CONCENTRATION IS .50 PPM AT 180 DEGREES FROM REC15.
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 75 DEGREES FROM REC16.
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 85 DEGREES FROM REC18.

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 AM

PAGE 5

DATE: 03/15/2007 TIME: 15:11:20.19

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
 THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

																				CO/LINK (PPM)
																				ANGLE (DEGREES)
																				LINK #
																				REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12 REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20
																				15 5 15 10 5 0 0 10 0 245 225 115 55 55 180 75 65 85 65 60
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0
13	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.1	.1
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3

				S36B215P				
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1				
R1 ROSE HILL MANOR I	197074.	644969.	5.0					
R2 ROSE HILL MANOR I	197115.	645008.	5.0					
R2 ROSE HILL MANOR I	197159.	645042.	5.0					
R4 ROSE HILL MANOR I	197188.	645083.	5.0					
R5 ROSE HILL MANOR I	197298.	645235.	5.0					
R6 ROSE HILL MANOR I	197414.	645368.	5.0					
R7 ROSE HILL MANOR I	197583.	645558.	5.0					
R8 ROSE HILL MANOR	197778.	645749.	5.0					
R9 ROSE HILL MANOR	197947.	645968.	5.0					
R10 ROSE HILL MANOR	198146.	646274.	5.0					
R11 ROSE HILL MANOR	198262.	646464.	5.0					
R12 ROSE HILL MANOR	197925.	646581.	5.0					
R13 ROSE HILL MANOR	197879.	646282.	5.0					
R14 ROSE HILL MANOR	197727.	646026.	5.0					
R15 ROSE HILL MANOR	197611.	645879.	5.0					
R16 ROSE HILL MANOR	197412.	645665.	5.0					
R17 ROSE HILL MANOR	197226.	645473.	5.0					
R18 ROSE HILL MANOR	197125.	645368.	5.0					
R19 ROSE HILL MANOR	197021.	645259.	5.0					
R20 ROSE HILL MANOR	196914.	645147.	5.0					
SITE 36 ROSE HILL MANOR B215 PM		14	1	1				
1								
1	I270 NB	AG198209.646560.198094.646323.	3250.	4.2	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	3250.	4.2	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	3250.	4.2	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	3250.	4.2	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	3250.	4.2	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	3250.	4.2	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	3250.	4.2	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	2500.	4.2	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	2500.	4.2	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	2500.	4.2	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	2500.	4.2	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	2500.	4.2	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	2500.	4.2	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	2500.	4.2	044.0	59.		
1.0	0.4	1000. 0.0Y	5	0	72			

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/20/2007 TIME: 18:19:23.43

RUN: SITE 36 ROSE HILL MANOR B215 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	4975.	4.2	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	4975.	4.2	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	4975.	4.2	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	4975.	4.2	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	4975.	4.2	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	4975.	4.2	.0	44.0	
7. 7	I270 NB ON	* 197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	4975.	4.2	.0	44.0	
8. 8	I270 SB 26*	* 198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3175.	4.2	.0	44.0	
9. 9	I270 SB 26*	* 198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3175.	4.2	.0	44.0	
10. 10	I270 SB 26*	* 197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3175.	4.2	.0	44.0	
11. 11	I270 SB 26*	* 197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3175.	4.2	.0	44.0	
12. 12	I270 SB 26*	* 197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3175.	4.2	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3175.	4.2	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3175.	4.2	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 01/20/2007 TIME: 18:19:23.43

RUN: SITE 36 ROSE HILL MANOR B215 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.5	.4	.4	.4	.5	.7	.7	.5	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.4	.5	.4	.4	.5	.6	.7	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.4	.4	.4	.5	.6	.6	.6	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.5	.5	.5	.5	.7	.5	.7	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.5	.5	.5	.4	.5	.6	.8	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.5	.5	.5	.5	.5	.6	.9	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.5	.5	.4	.4	.6	.5	.7	.4	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
35.	.4	.4	.4	.4	.5	.4	.5	.2	.2	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
40.	.2	.2	.2	.2	.3	.4	.4	.2	.1	.0	.0	.0	.3	.4	.3	.0	.1	.1	.1	.2
45.	.1	.1	.1	.2	.1	.2	.2	.1	.0	.0	.0	.0	.3	.4	.3	.4	.1	.1	.2	.2
50.	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.5	.4	.5	.3	.3	.3	.5
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.5	.6	.5	.4	.5	.6
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.5	.5	.6	.5	.7
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.6	.5	.7	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.6	.6	.6	.6	.6	.5
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.5	.5	.6	.5	.6
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.5	.6	.5	.6
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.6	.4	.6	.6	.5	.5	.5
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.6	.6	.5	.5	.6
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.5	.5	.4	.5	.6
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.6	.6	.5	.5	.5

S36B215P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.6	.6	.5	.5	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.5	.5	.5	.5	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.5	.4	.5	.5	.5
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.5	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.5	.6	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.5	.5	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.5	.5	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.4	.4	.4	.5	.5	.6	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.5	.5	.3	.0
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.4	.5	.3	.0
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.5	.5	.5	.2	.0
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.4	.4	.5	.5	.5	.2	.0
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.5	.4	.5	.1	.0
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.4	.5	.4	.5	.1	.0
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.6	.4	.6	.0	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.6	.6	.5	.5	.0	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.6	.5	.6	.5	.5	.0	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.6	.6	.4	.0	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.5	.6	.4	.0	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.5	.4	.3	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.6	.5	.5	.4	.2	.0	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.2	.5	.4	.5	.5	.3	.1	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.0	.1	.4	.5	.3	.3	.2	.1	.0
220.	*	.0	.0	.0	.0	.1	.1	.2	.2	.4	.3	.4	.0	.0	.2	.4	.3	.2	.1	.1	.0
225.	*	.0	.0	.0	.0	.1	.3	.3	.3	.6	.5	.5	.0	.0	.1	.1	.2	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.2	.3	.5	.5	.6	.7	.5	.0	.0	.0	.1	.1	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.3	.5	.5	.7	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.5	.6	.7	.6	.8	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.5	.6	.8	.5	.8	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.5	.6	.7	.6	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.1	.2	.5	.6	.7	.6	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.2	.6	.6	.7	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.2	.3	.5	.6	.7	.6	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.2	.4	.5	.5	.7	.6	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.4	.5	.5	.7	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.2	.3	.4	.5	.6	.6	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.2	.4	.4	.5	.6	.6	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.4	.4	.5	.6	.6	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.4	.4	.5	.5	.5	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.4	.4	.4	.5	.5	.6	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.4	.4	.4	.5	.5	.6	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.3	.4	.4	.4	.5	.5	.6	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.3	.4	.4	.4	.5	.5	.6	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.3	.4	.4	.4	.5	.5	.6	.6	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.4	.4	.4	.4	.5	.5	.6	.6	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.4	.4	.4	.4	.5	.5	.6	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.4	.4	.4	.3	.5	.5	.6	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.4	.4	.4	.4	.5	.6	.5	.5	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.4	.4	.4	.4	.6	.6	.5	.5	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.4	.4	.4	.4	.6	.6	.6	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.4	.4	.4	.4	.5	.6	.7	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.5	.4	.4	.4	.5	.7	.7	.5	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.5	.5	.5	.5	.7	.9	.7	.8	.7	.5	.4	.5	.6	.6	.6	.6	.6	.7	.7	.7

THE HIGHEST CONCENTRATION IS .90 PPM AT 25 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .80 PPM AT 240 DEGREES FROM REC9 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC8 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B215 PM

PAGE 5

DATE: 01/20/2007 TIME: 18:19:23.43

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.4	.2	.1	.0	.2	.1	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
5	*	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.1
6	*	.1	.2	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
7	*	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.0	.1	.1	.2	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.1
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3

				S36NB30A.DAT			
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1			
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR NB30 AM		14	1	1			
1							
1	I270 NB	AG198209.646560.198094.646323.	2225. 3.7	044.0	58.		
2	I270 NB	AG198094.646323.197901.646015.	2225. 3.7	044.0	58.		
3	I270 NB	AG197901.646015.197747.645818.	2225. 3.7	044.0	58.		
4	I270 NB	AG197747.645818.197592.645646.	2225. 3.7	044.0	58.		
5	I270 NB	AG197592.645646.197403.645457.	2225. 3.7	044.0	58.		
6	I270 NB	AG197403.645457.197125.645158.	2225. 3.7	044.0	58.		
7	I270 NB	ONAG197125.645158.196983.645032.	2225. 3.7	044.0	58.		
8	I270 SB	26AG198133.646596.198043.646404.	3175. 3.7	044.0	58.		
9	I270 SB	26AG198043.646404.197930.646200.	3175. 3.7	044.0	58.		
10	I270 SB	26AG197930.646200.197831.646046.	4000. 3.3	044.0	51.		
11	I270 SB	26AG197831.646046.197685.645860.	4000. 3.3	044.0	51.		
12	I270 SB	26AG197685.645860.197580.645743.	4000. 3.3	044.0	51.		
13	I270 SB	AG197581.645744.197261.645413.	4000. 3.3	044.0	51.		
14	I270 SB	AG197261.645413.196939.645089.	4000. 3.3	044.0	51.		
1.0	0.4	1000. 0.0Y	5	0	72		

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/20/2006 TIME: 10:02:42.77

RUN: SITE 36 ROSE HILL MANOR NB30 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	2225.	3.7	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	2225.	3.7	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	2225.	3.7	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	2225.	3.7	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	2225.	3.7	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	2225.	3.7	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	2225.	3.7	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3175.	3.7	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3175.	3.7	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	4000.	3.3	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	4000.	3.3	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	4000.	3.3	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	4000.	3.3	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	4000.	3.3	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/20/2006 TIME: 10:02:42.77

RUN: SITE 36 ROSE HILL MANOR NB30 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.3	.2	.2	.3	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.2	.3	.2	.2	.3	.3	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.2	.2	.3	.2	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.2	.3	.3	.3	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.3	.3	.2	.2	.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.3	.2	.2	.3	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.2	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
35.	.2	.2	.2	.2	.3	.1	.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
40.	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.0	.1	.1	.1	.2
45.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.1	.2	.2
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.2	.2	.2	.3
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.2	.3	.5
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.2	.3	.3	.4	.5
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.4	.4	.4	.5	.4
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.4	.4	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.3	.4	.4	.4	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.3	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.2	.3	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.3	.4	.4

S36NB30A.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.3	.3	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.3	.4	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.3	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.3	.3	.3	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.4	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.4	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.4	.4	.1
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.4	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.4	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.4	.3	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.4	.3	.4	.4	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.4	.4	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.4	.4	.4	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.2	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.3	.3	.2	.0	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 AM

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.4	.3	.2	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2	.3	.2	.2	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.3	.2	.2	.1	.1	.0
225.	*	.0	.0	.0	.0	.0	.1	.1	.3	.2	.2	.0	.0	.1	.1	.2	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.1	.1	.3	.2	.3	.3	.0	.0	.0	.1	.1	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.2	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.3	.5	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.3	.4	.4	.2	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.2	.4	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.0	.1	.2	.4	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.1	.2	.4	.4	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.2	.3	.4	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.0	.1	.2	.2	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.2	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.2	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.2	.2	.4	.4	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.2	.2	.2	.2	.3	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.2	.2	.2	.2	.3	.4	.2	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.2	.2	.2	.2	.4	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.2	.2	.2	.2	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.2	.2	.3	.2	.4	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.2	.2	.2	.2	.4	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.2	.2	.2	.2	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.2	.2	.2	.2	.2	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.2	.2	.2	.2	.2	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.2	.2	.3	.2	.3	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.2	.2	.2	.2	.3	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.2	.2	.2	.2	.3	.4	.4	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.2	.3	.2	.2	.3	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.3	.3	.3	.3	.4	.5	.4	.4	.4	.3	.2	.4	.4	.4	.5	.4	.4	.5	.5

THE HIGHEST CONCENTRATION IS .50 PPM AT 245 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 200 DEGREES FROM REC16.
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 65 DEGREES FROM REC19.

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 AM

PAGE 5

DATE: 12/20/2006 TIME: 10:02:42.77

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
6	*	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	.1
14	*	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	.3	.3

S36NB30P.DAT

I270/US15 CORRIDOR STUDY	60.0175.0.0000.000200.30480000	11	1

R1	ROSE HILL MANOR I	197074.	644969.	5.0
R2	ROSE HILL MANOR I	197115.	645008.	5.0
R2	ROSE HILL MANOR I	197159.	645042.	5.0
R4	ROSE HILL MANOR I	197188.	645083.	5.0
R5	ROSE HILL MANOR I	197298.	645235.	5.0
R6	ROSE HILL MANOR I	197414.	645368.	5.0
R7	ROSE HILL MANOR I	197583.	645558.	5.0
R8	ROSE HILL MANOR	197778.	645749.	5.0
R9	ROSE HILL MANOR	197947.	645968.	5.0
R10	ROSE HILL MANOR	198146.	646274.	5.0
R11	ROSE HILL MANOR	198262.	646464.	5.0
R12	ROSE HILL MANOR	197925.	646581.	5.0
R13	ROSE HILL MANOR	197879.	646282.	5.0
R14	ROSE HILL MANOR	197727.	646026.	5.0
R15	ROSE HILL MANOR	197611.	645879.	5.0
R16	ROSE HILL MANOR	197412.	645665.	5.0
R17	ROSE HILL MANOR	197226.	645473.	5.0
R18	ROSE HILL MANOR	197125.	645368.	5.0
R19	ROSE HILL MANOR	197021.	645259.	5.0
R20	ROSE HILL MANOR	196914.	645147.	5.0

SITE 36 ROSE HILL MANOR NB30 PM	14	1	1

1							
1	I270 NB	AG198209.646560.198094.646323.	4200.	3.4	044.0	52.	
2	I270 NB	AG198094.646323.197901.646015.	4200.	3.4	044.0	52.	
3	I270 NB	AG197901.646015.197747.645818.	4200.	3.4	044.0	52.	
4	I270 NB	AG197747.645818.197592.645646.	4200.	3.4	044.0	52.	
5	I270 NB	AG197592.645646.197403.645457.	4200.	3.4	044.0	52.	
6	I270 NB	AG197403.645457.197125.645158.	4200.	3.4	044.0	52.	
7	I270 NB	ONAG197125.645158.196983.645032.	4200.	3.4	044.0	52.	
8	I270 SB	26AG198133.646596.198043.646404.	2375.	3.7	044.0	58.	
9	I270 SB	26AG198043.646404.197930.646200.	2375.	3.7	044.0	58.	
10	I270 SB	26AG197930.646200.197831.646046.	2900.	3.7	044.0	58.	
11	I270 SB	26AG197831.646046.197685.645860.	2900.	3.6	044.0	56.	
12	I270 SB	26AG197685.645860.197580.645743.	2900.	3.6	044.0	56.	
13	I270 SB	AG197581.645744.197261.645413.	2900.	3.6	044.0	56.	
14	I270 SB	AG197261.645413.196939.645089.	2900.	3.6	044.0	56.	

1.0 0.4 1000. 0.0Y 5 0 72

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/20/2006 TIME: 10:00:01.24

RUN: SITE 36 ROSE HILL MANOR NB30 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	4200.	3.4	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	4200.	3.4	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	4200.	3.4	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	4200.	3.4	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	4200.	3.4	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	4200.	3.4	.0	44.0	
7. 7	I270 NB ON	* 197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	4200.	3.4	.0	44.0	
8. 8	I270 SB 26*	* 198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	2375.	3.7	.0	44.0	
9. 9	I270 SB 26*	* 198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	2375.	3.7	.0	44.0	
10. 10	I270 SB 26*	* 197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	2900.	3.7	.0	44.0	
11. 11	I270 SB 26*	* 197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	2900.	3.6	.0	44.0	
12. 12	I270 SB 26*	* 197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	2900.	3.6	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	2900.	3.6	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	2900.	3.6	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/20/2006 TIME: 10:00:01.24

RUN: SITE 36 ROSE HILL MANOR NB30 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.3	.3	.3	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.4	.3	.3	.3	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.3	.4	.3	.3	.4	.3	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.3	.4	.3	.4	.4	.4	.4	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.3	.3	.3	.3	.4	.4	.6	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.5	.3	.3	.3	.4	.4	.6	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.3	.2	.4	.3	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35.	.1	.1	.2	.2	.3	.3	.4	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
40.	.1	.1	.1	.1	.2	.2	.2	.2	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	.1	.1
45.	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.4	.3	.0	.1	.1	.2	.2
50.	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.3	.3	.3	.1	.1	.2	.4
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.4	.4	.3	.3	.4	.4
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.5	.3
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.5	.3
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.3	.4	.3	.4
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.3	.4	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.3	.3	.4	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	.3	.3	.4	.4
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.3	.4	.4	.4	.4	.4
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.4	.3
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.4	.4

S36NB30P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.3	.3	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.3	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.3	.4	.3	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.4	.3	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.3	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.4	.4	.4	.4	.3
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.4	.4	.3
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.3	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.4	.3	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.4	.4	.4	.4	.3	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.4	.4	.3	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.4	.3	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.3	.4	.3	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.3	.4	.4	.3	.3	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.3	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.5	.4	.4	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.3	.3	.3	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	.4	.3	.3	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	.3	.4	.3	.2	.0	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.5	.5	.4	.3	.1	.0	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.4	.4	.3	.3	.1	.0	.0
215.	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.1	.0	.0	.2	.3	.3	.2	.1	.1	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2	.0	.0	.1	.2	.2	.1	.1	.1	.0
225.	*	.0	.0	.0	.0	.1	.1	.2	.3	.3	.2	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0
230.	*	.0	.0	.0	.0	.1	.3	.4	.4	.5	.5	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.4	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.2	.4	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.4	.4	.6	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.4	.4	.5	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.2	.3	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.1	.2	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.3	.3	.3	.5	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.3	.3	.4	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.3	.3	.3	.4	.4	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.3	.4	.4	.4	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.3	.3	.3	.4	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.1	.3	.3	.4	.3	.4	.4	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.3	.3	.3	.5	.4	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.4	.3	.3	.4	.3	.5	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.3	.3	.3	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.5	.4	.3	.4	.5	.5	.6	.6	.5	.5	.4	.2	.4	.5	.5	.4	.4	.4	.5	.4

THE HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 15 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .50 PPM AT 25 DEGREES FROM REC1 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR NB30 PM

PAGE 5

DATE: 12/20/2006 TIME: 10:00:01.24

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.0
6	*	.2	.2	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0
13	*	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1
14	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2

				S36B130A.DAT			
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1			
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR B130 AM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	2625. 3.8	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	2625. 3.8	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	2625. 3.8	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	2625. 3.8	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	2625. 3.8	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	2625. 3.8	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	2625. 3.8	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	4900. 3.6	044.0	57.		
9	I270 SB	26AG198043.646404.197930.646200.	4900. 3.6	044.0	57.		
10	I270 SB	26AG197930.646200.197831.646046.	4900. 3.6	044.0	57.		
11	I270 SB	26AG197831.646046.197685.645860.	4900. 3.6	044.0	57.		
12	I270 SB	26AG197685.645860.197580.645743.	4900. 3.6	044.0	57.		
13	I270 SB	AG197581.645744.197261.645413.	4900. 3.6	044.0	57.		
14	I270 SB	AG197261.645413.196939.645089.	4900. 3.6	044.0	57.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/22/2006 TIME: 23:34:54.98

RUN: SITE 36 ROSE HILL MANOR B130 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	2625.	3.8	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	2625.	3.8	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	2625.	3.8	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	2625.	3.8	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	2625.	3.8	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	2625.	3.8	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	2625.	3.8	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	4900.	3.6	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	4900.	3.6	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	4900.	3.6	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	4900.	3.6	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	4900.	3.6	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	4900.	3.6	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	4900.	3.6	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/22/2006 TIME: 23:34:54.98

RUN: SITE 36 ROSE HILL MANOR B130 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.4	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.3	.4	.2	.4	.4	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.4	.4	.3	.4	.4	.4	.5	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.4	.3	.4	.4	.4	.4	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.4	.3	.3	.4	.5	.4	.5	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.3	.2	.2	.4	.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.2	.2	.2	.3	.3	.5	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35.	.2	.2	.2	.2	.3	.3	.3	.2	.1	.0	.0	.0	.1	.3	.2	.0	.0	.1	.1	.1
40.	.2	.2	.0	.1	.2	.1	.2	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1	.1	.2	.2
45.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.3	.4	.2	.2	.2	.2	.3
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.2	.2	.4	.4
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.3	.3	.4	.4	.5
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.6	.4	.5	.5	.5	.6
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.4	.5	.6	.5	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.5	.6	.6	.6	.5
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.5	.6	.5	.5	.5
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.5	.5	.5	.5
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.5	.5	.5	.6
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.4	.5	.4	.5	.5
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.5	.4	.5	.4	.5
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.4	.4	.5	.5

S36B130A.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.4	.4	.4	.5	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.5	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.5	.5
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.4	.4	.4	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.5	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.5	.4	.5	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.5	.4	.4	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.2
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.5	.4	.5	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.5	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.5	.4	.5	.5	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.6	.4	.6	.5	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.6	.6	.5	.5	.5	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.5	.5	.5	.5	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.5	.5	.5	.5	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.4	.5	.5	.5	.5	.3	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.5	.4	.5	.2	.0	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.6	.5	.4	.3	.2	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.4	.5	.3	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.1	.0	.1	.3	.3	.2	.2	.2	.1	.0
225.	*	.0	.0	.0	.0	.0	.1	.2	.1	.3	.4	.4	.0	.0	.1	.2	.2	.2	.1	.0	.0
230.	*	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0
235.	*	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.3	.3	.4	.5	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.4	.5	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.3	.4	.6	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.4	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.1	.4	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.2	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.2	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.2	.3	.4	.4	.4	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.2	.2	.3	.3	.4	.4	.4	.4	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.2	.3	.3	.4	.4	.4	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.3	.3	.4	.4	.4	.4	.4	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.2	.3	.3	.3	.4	.4	.4	.4	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.3	.3	.3	.4	.4	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.3	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.4	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.4	.4	.4	.4	.5	.4	.6	.6	.6	.5	.4	.3	.5	.5	.6	.6	.5	.6	.6	.6
DEGR.	*	10	0	15	0	20	0	250	20	240	260	225	105	65	75	60	180	60	65	70	60

THE HIGHEST CONCENTRATION IS .60 PPM AT 250 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 240 DEGREES FROM REC9 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 AM

PAGE 5

DATE: 12/22/2006 TIME: 23:34:54.98

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0
6	*	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
7	*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.1	.0	.2	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	.4	.3	.1	.1
14	*	.2	.2	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4

										S36B130P.DAT		
I270/US15 CORRIDOR STUDY										60.0175.0.0000.000200.30480000	11	
R1	ROSE HILL MANOR I	197074.	644969.	5.0								
R2	ROSE HILL MANOR I	197115.	645008.	5.0								
R2	ROSE HILL MANOR I	197159.	645042.	5.0								
R4	ROSE HILL MANOR I	197188.	645083.	5.0								
R5	ROSE HILL MANOR I	197298.	645235.	5.0								
R6	ROSE HILL MANOR I	197414.	645368.	5.0								
R7	ROSE HILL MANOR I	197583.	645558.	5.0								
R8	ROSE HILL MANOR	197778.	645749.	5.0								
R9	ROSE HILL MANOR	197947.	645968.	5.0								
R10	ROSE HILL MANOR	198146.	646274.	5.0								
R11	ROSE HILL MANOR	198262.	646464.	5.0								
R12	ROSE HILL MANOR	197925.	646581.	5.0								
R13	ROSE HILL MANOR	197879.	646282.	5.0								
R14	ROSE HILL MANOR	197727.	646026.	5.0								
R15	ROSE HILL MANOR	197611.	645879.	5.0								
R16	ROSE HILL MANOR	197412.	645665.	5.0								
R17	ROSE HILL MANOR	197226.	645473.	5.0								
R18	ROSE HILL MANOR	197125.	645368.	5.0								
R19	ROSE HILL MANOR	197021.	645259.	5.0								
R20	ROSE HILL MANOR	196914.	645147.	5.0								
SITE 36 ROSE HILL MANOR B130 PM				14	1	1						
1												
1	I270 NB	AG198209.646560.198094.646323.	5050. 3.7	044.0	59.							
2												
1	I270 NB	AG198094.646323.197901.646015.	5050. 3.7	044.0	59.							
3												
1	I270 NB	AG197901.646015.197747.645818.	5050. 3.7	044.0	59.							
4												
1	I270 NB	AG197747.645818.197592.645646.	5050. 3.7	044.0	59.							
5												
1	I270 NB	AG197592.645646.197403.645457.	5050. 3.7	044.0	59.							
6												
1	I270 NB	AG197403.645457.197125.645158.	5050. 3.7	044.0	59.							
7												
1	I270 NB	ONAG197125.645158.196983.645032.	5050. 3.7	044.0	59.							
8												
1	I270 SB	26AG198133.646596.198043.646404.	3175. 3.6	044.0	57.							
9												
1	I270 SB	26AG198043.646404.197930.646200.	3175. 3.6	044.0	57.							
10												
1	I270 SB	26AG197930.646200.197831.646046.	3175. 3.6	044.0	57.							
11												
1	I270 SB	26AG197831.646046.197685.645860.	3175. 3.6	044.0	57.							
12												
1	I270 SB	26AG197685.645860.197580.645743.	3175. 3.6	044.0	57.							
13												
1	I270 SB	AG197581.645744.197261.645413.	3175. 3.6	044.0	57.							
14												
1	I270 SB	AG197261.645413.196939.645089.	3175. 3.6	044.0	57.							
1.0	0.4	1000. 0.0Y	5	0	72							

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/22/2006 TIME: 23:37:16.58

RUN: SITE 36 ROSE HILL MANOR B130 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	5050.	3.7	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	5050.	3.7	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	5050.	3.7	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	5050.	3.7	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	5050.	3.7	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	5050.	3.7	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	5050.	3.7	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3175.	3.6	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3175.	3.6	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3175.	3.6	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3175.	3.6	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3175.	3.6	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3175.	3.6	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3175.	3.6	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/22/2006 TIME: 23:37:16.58

RUN: SITE 36 ROSE HILL MANOR B130 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.4	.3	.4	.4	.4	.7	.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.4	.4	.4	.4	.4	.5	.7	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.4	.4	.4	.5	.4	.5	.6	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.5	.4	.5	.5	.5	.4	.6	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.4	.5	.4	.4	.5	.4	.7	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.5	.4	.4	.4	.4	.5	.7	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.4	.4	.4	.4	.5	.6	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
35.	.3	.4	.2	.3	.4	.4	.5	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
40.	.1	.2	.2	.2	.3	.4	.4	.2	.1	.0	.0	.0	.1	.4	.3	.0	.1	.1	.1	.1
45.	.1	.1	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	.3	.4	.3	.3	.1	.1	.2	.2
50.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.4	.3	.4	.2	.3	.3	.4
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.5	.6	.4	.4	.5	.5
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.4	.4	.5	.5
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.5	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.6	.6	.4	.4	.5
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.5	.5	.6
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.6	.5	.6
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.5	.4	.4	.5	.5
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.5
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.5
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4

S36B130P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.5	.5	.4	.4	.4
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.5	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.4	.4	.4	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.5	.4	.4	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.4	.5	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.5	.4	.4	.4	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.4	.3	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.5	.5	.4	.4	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.6	.3	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.5	.3	.3	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.5	.5	.5	.4	.3	.2	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.5	.4	.4	.3	.3	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.3	.0	.0	.4	.4	.3	.3	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	.4	.0	.0	.1	.2	.3	.1	.1	.1	.0
225.	*	.0	.0	.0	.0	.1	.2	.3	.3	.5	.4	.3	.0	.0	.1	.1	.2	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.2	.3	.4	.5	.5	.5	.5	.0	.0	.0	.1	.1	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.5	.5	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.4	.5	.7	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.5	.5	.6	.5	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.5	.5	.7	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.1	.2	.5	.5	.6	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.2	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.5	.5	.6	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.2	.4	.4	.5	.5	.6	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.4	.4	.5	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.4	.4	.4	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.2	.3	.4	.4	.5	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.4	.5	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.3	.4	.4	.4	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.4	.4	.5	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.3	.3	.4	.4	.5	.4	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.4	.3	.4	.4	.4	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.3	.4	.3	.4	.4	.4	.5	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.3	.4	.3	.3	.4	.4	.5	.6	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.3	.4	.3	.4	.4	.4	.5	.5	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.4	.3	.4	.4	.4	.5	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.4	.4	.3	.4	.4	.5	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.4	.3	.4	.5	.5	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.3	.4	.5	.5	.5	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.4	.4	.4	.5	.4	.6	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.4	.4	.4	.4	.5	.6	.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.4	.3	.4	.4	.4	.7	.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.5	.5	.5	.5	.5	.5	.7	.7	.7	.6	.5	.3	.5	.6	.5	.6	.6	.6	.6	.6

THE HIGHEST CONCENTRATION IS .70 PPM AT 0 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 245 DEGREES FROM REC9 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B130 PM

PAGE 5

DATE: 12/22/2006 TIME: 23:37:16.58

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.2	.1	.0	.2	.1	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
5	*	.0	.0	.0	.0	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
6	*	.2	.3	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
7	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3

				S36B230A.DAT			
I270/US15 CORRIDOR STUDY		60.0175.0.0000.000200.30480000	11	1			
R1 ROSE HILL MANOR I	197074.	644969.	5.0				
R2 ROSE HILL MANOR I	197115.	645008.	5.0				
R2 ROSE HILL MANOR I	197159.	645042.	5.0				
R4 ROSE HILL MANOR I	197188.	645083.	5.0				
R5 ROSE HILL MANOR I	197298.	645235.	5.0				
R6 ROSE HILL MANOR I	197414.	645368.	5.0				
R7 ROSE HILL MANOR I	197583.	645558.	5.0				
R8 ROSE HILL MANOR	197778.	645749.	5.0				
R9 ROSE HILL MANOR	197947.	645968.	5.0				
R10 ROSE HILL MANOR	198146.	646274.	5.0				
R11 ROSE HILL MANOR	198262.	646464.	5.0				
R12 ROSE HILL MANOR	197925.	646581.	5.0				
R13 ROSE HILL MANOR	197879.	646282.	5.0				
R14 ROSE HILL MANOR	197727.	646026.	5.0				
R15 ROSE HILL MANOR	197611.	645879.	5.0				
R16 ROSE HILL MANOR	197412.	645665.	5.0				
R17 ROSE HILL MANOR	197226.	645473.	5.0				
R18 ROSE HILL MANOR	197125.	645368.	5.0				
R19 ROSE HILL MANOR	197021.	645259.	5.0				
R20 ROSE HILL MANOR	196914.	645147.	5.0				
SITE 36 ROSE HILL MANOR B230 AM		14	1	1			
1							
1	I270 NB	AG198209.646560.198094.646323.	2575. 3.8	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	2575. 3.8	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	2575. 3.8	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	2575. 3.8	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	2575. 3.8	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	2575. 3.8	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	2575. 3.8	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	4900. 3.8	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	4900. 3.8	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	4900. 3.8	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	4900. 3.8	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	4900. 3.8	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	4900. 3.8	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	4900. 3.8	044.0	59.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/27/2006 TIME: 15:42:01.24

RUN: SITE 36 ROSE HILL MANOR B230 AM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	2575.	3.8	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	2575.	3.8	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	2575.	3.8	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	2575.	3.8	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	2575.	3.8	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	2575.	3.8	.0	44.0	
7. 7	I270 NB ON	* 197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	2575.	3.8	.0	44.0	
8. 8	I270 SB 26*	* 198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	4900.	3.8	.0	44.0	
9. 9	I270 SB 26*	* 198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	4900.	3.8	.0	44.0	
10. 10	I270 SB 26*	* 197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	4900.	3.8	.0	44.0	
11. 11	I270 SB 26*	* 197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	4900.	3.8	.0	44.0	
12. 12	I270 SB 26*	* 197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	4900.	3.8	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	4900.	3.8	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	4900.	3.8	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/27/2006 TIME: 15:42:01.24

RUN: SITE 36 ROSE HILL MANOR B230 AM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 AM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.4	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.3	.4	.3	.4	.4	.4	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.4	.4	.3	.4	.4	.4	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.4	.3	.3	.4	.4	.4	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.4	.3	.3	.3	.4	.4	.5	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.3	.3	.2	.2	.4	.4	.4	.4	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
30.	.3	.2	.2	.2	.3	.4	.5	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
35.	.2	.2	.2	.2	.3	.3	.3	.2	.1	.0	.0	.0	.1	.3	.3	.0	.1	.1	.1	.1
40.	.2	.2	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.2	.3	.3	.2	.1	.1	.2	.2
45.	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	.3	.3	.2	.2	.2	.2	.3
50.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.3	.2	.3	.4	.4
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.3	.3	.4	.4	.6
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	.5	.4	.5	.5	.5	.6
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.4	.5	.6	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.5	.5	.5	.6	.6	.6
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.5	.5	.6	.5	.6
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.5	.5	.5	.5	.5
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.5	.5	.5	.5	.5	.6
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.5	.5	.5	.5	.5
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.6	.6	.4	.5	.5
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.4	.4	.5	.5	.5	.5

S36B230A.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.4	.5	.5	.5	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.5	.5	.5	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.4	.4	.5	.5	.5
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.5	.4	.4	.5	.5	.5
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.5	.5	.5
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.5	.5	.5
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.5	.5	.6	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.5	.5	.5	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.5	.5	.4
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.4	.5	.5	.5	.5	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.5	.5	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.5	.4	.5	.5	.2
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.4	.4	.5	.5	.5	.5	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.5	.4	.5	.5	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.4	.5	.4	.5	.5	.1
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.5	.6	.5	.6	.5	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.6	.6	.5	.5	.5	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.5	.5	.5	.5	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.5	.5	.5	.4	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.6	.6	.5	.5	.3	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.5	.4	.5	.3	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 AM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.3	.6	.5	.4	.3	.2	.0
215.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.3	.4	.5	.3	.3	.1	.0
220.	*	.0	.0	.0	.0	.0	.0	.1	.0	.3	.2	.1	.0	.1	.3	.3	.3	.2	.2	.1	.0
225.	*	.0	.0	.0	.0	.0	.1	.2	.3	.3	.4	.4	.0	.0	.1	.2	.2	.2	.1	.1	.0
230.	*	.0	.0	.0	.0	.1	.2	.3	.4	.4	.5	.4	.0	.0	.1	.1	.1	.1	.1	.0	.0
235.	*	.0	.0	.0	.0	.2	.2	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.3	.4	.4	.5	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.0	.3	.4	.5	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.3	.4	.6	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.0	.1	.4	.4	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.1	.4	.4	.4	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.0	.1	.2	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.2	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.2	.2	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.2	.3	.4	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.2	.3	.4	.4	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.2	.2	.3	.4	.5	.4	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.2	.3	.3	.4	.4	.4	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.2	.2	.3	.3	.4	.4	.4	.4	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.2	.3	.3	.4	.4	.4	.4	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.2	.3	.3	.4	.4	.4	.4	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.3	.3	.3	.4	.4	.4	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.3	.3	.4	.3	.4	.3	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.3	.3	.3	.3	.4	.4	.5	.3	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.3	.3	.4	.4	.4	.6	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.4	.3	.4	.4	.4	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.4	.4	.4	.4	.4	.5	.6	.6	.6	.5	.4	.3	.5	.6	.6	.6	.6	.6	.6	.6

THE HIGHEST CONCENTRATION IS .60 PPM AT 250 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .60 PPM AT 20 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .60 PPM AT 240 DEGREES FROM REC9 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 AM

PAGE 5

DATE: 12/27/2006 TIME: 15:42:01.24

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0
6	*	.1	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1
7	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.2	.2	.2	.0	.1	.1	.0	.0	.0	.0	.1	.4	.4	.3	.1	.1
14	*	.2	.2	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4

				S36B230P.DAT			
I270/US15 CORRIDOR STUDY				60.0175.0.0000.000200.30480000	11	1	
R1	ROSE HILL MANOR I	197074.	644969.	5.0			
R2	ROSE HILL MANOR I	197115.	645008.	5.0			
R2	ROSE HILL MANOR I	197159.	645042.	5.0			
R4	ROSE HILL MANOR I	197188.	645083.	5.0			
R5	ROSE HILL MANOR I	197298.	645235.	5.0			
R6	ROSE HILL MANOR I	197414.	645368.	5.0			
R7	ROSE HILL MANOR I	197583.	645558.	5.0			
R8	ROSE HILL MANOR	197778.	645749.	5.0			
R9	ROSE HILL MANOR	197947.	645968.	5.0			
R10	ROSE HILL MANOR	198146.	646274.	5.0			
R11	ROSE HILL MANOR	198262.	646464.	5.0			
R12	ROSE HILL MANOR	197925.	646581.	5.0			
R13	ROSE HILL MANOR	197879.	646282.	5.0			
R14	ROSE HILL MANOR	197727.	646026.	5.0			
R15	ROSE HILL MANOR	197611.	645879.	5.0			
R16	ROSE HILL MANOR	197412.	645665.	5.0			
R17	ROSE HILL MANOR	197226.	645473.	5.0			
R18	ROSE HILL MANOR	197125.	645368.	5.0			
R19	ROSE HILL MANOR	197021.	645259.	5.0			
R20	ROSE HILL MANOR	196914.	645147.	5.0			
SITE 36 ROSE HILL MANOR B230 PM				14	1	1	
1							
1	I270 NB	AG198209.646560.198094.646323.	4975. 3.8	044.0	59.		
2	I270 NB	AG198094.646323.197901.646015.	4975. 3.8	044.0	59.		
3	I270 NB	AG197901.646015.197747.645818.	4975. 3.8	044.0	59.		
4	I270 NB	AG197747.645818.197592.645646.	4975. 3.8	044.0	59.		
5	I270 NB	AG197592.645646.197403.645457.	4975. 3.8	044.0	59.		
6	I270 NB	AG197403.645457.197125.645158.	4975. 3.8	044.0	59.		
7	I270 NB	ONAG197125.645158.196983.645032.	4975. 3.8	044.0	59.		
8	I270 SB	26AG198133.646596.198043.646404.	3175. 3.8	044.0	59.		
9	I270 SB	26AG198043.646404.197930.646200.	3175. 3.8	044.0	59.		
10	I270 SB	26AG197930.646200.197831.646046.	3175. 3.8	044.0	59.		
11	I270 SB	26AG197831.646046.197685.645860.	3175. 3.8	044.0	59.		
12	I270 SB	26AG197685.645860.197580.645743.	3175. 3.8	044.0	59.		
13	I270 SB	AG197581.645744.197261.645413.	3175. 3.8	044.0	59.		
14	I270 SB	AG197261.645413.196939.645089.	3175. 3.8	044.0	59.		
1.0	0.4 1000. 0.0Y	5 0 72					

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/27/2006 TIME: 15:43:22.03

RUN: SITE 36 ROSE HILL MANOR B230 PM

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. 1	I270 NB	* 198209.0	646560.0	198094.0	646323.0	*	263.	206. AG	4975.	3.8	.0	44.0	
2. 2	I270 NB	* 198094.0	646323.0	197901.0	646015.0	*	363.	212. AG	4975.	3.8	.0	44.0	
3. 3	I270 NB	* 197901.0	646015.0	197747.0	645818.0	*	250.	218. AG	4975.	3.8	.0	44.0	
4. 4	I270 NB	* 197747.0	645818.0	197592.0	645646.0	*	232.	222. AG	4975.	3.8	.0	44.0	
5. 5	I270 NB	* 197592.0	645646.0	197403.0	645457.0	*	267.	225. AG	4975.	3.8	.0	44.0	
6. 6	I270 NB	* 197403.0	645457.0	197125.0	645158.0	*	408.	223. AG	4975.	3.8	.0	44.0	
7. 7	I270 NB ON*	197125.0	645158.0	196983.0	645032.0	*	190.	228. AG	4975.	3.8	.0	44.0	
8. 8	I270 SB 26*	198133.0	646596.0	198043.0	646404.0	*	212.	205. AG	3175.	3.8	.0	44.0	
9. 9	I270 SB 26*	198043.0	646404.0	197930.0	646200.0	*	233.	209. AG	3175.	3.8	.0	44.0	
10. 10	I270 SB 26*	197930.0	646200.0	197831.0	646046.0	*	183.	213. AG	3175.	3.8	.0	44.0	
11. 11	I270 SB 26*	197831.0	646046.0	197685.0	645860.0	*	236.	218. AG	3175.	3.8	.0	44.0	
12. 12	I270 SB 26*	197685.0	645860.0	197580.0	645743.0	*	157.	222. AG	3175.	3.8	.0	44.0	
13. 13	I270 SB	* 197581.0	645744.0	197261.0	645413.0	*	460.	224. AG	3175.	3.8	.0	44.0	
14. 14	I270 SB	* 197261.0	645413.0	196939.0	645089.0	*	457.	225. AG	3175.	3.8	.0	44.0	

JOB: I270/US15 CORRIDOR STUDY
DATE: 12/27/2006 TIME: 15:43:22.03

RUN: SITE 36 ROSE HILL MANOR B230 PM

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
	*								

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. R1 ROSE HILL MANOR I	*	197074.0	644969.0	5.0	*
2. R2 ROSE HILL MANOR I	*	197115.0	645008.0	5.0	*
3. R2 ROSE HILL MANOR I	*	197159.0	645042.0	5.0	*
4. R4 ROSE HILL MANOR I	*	197188.0	645083.0	5.0	*
5. R5 ROSE HILL MANOR I	*	197298.0	645235.0	5.0	*
6. R6 ROSE HILL MANOR I	*	197414.0	645368.0	5.0	*
7. R7 ROSE HILL MANOR I	*	197583.0	645558.0	5.0	*
8. R8 ROSE HILL MANOR	*	197778.0	645749.0	5.0	*
9. R9 ROSE HILL MANOR	*	197947.0	645968.0	5.0	*
10. R10 ROSE HILL MANOR	*	198146.0	646274.0	5.0	*
11. R11 ROSE HILL MANOR	*	198262.0	646464.0	5.0	*
12. R12 ROSE HILL MANOR	*	197925.0	646581.0	5.0	*
13. R13 ROSE HILL MANOR	*	197879.0	646282.0	5.0	*
14. R14 ROSE HILL MANOR	*	197727.0	646026.0	5.0	*
15. R15 ROSE HILL MANOR	*	197611.0	645879.0	5.0	*
16. R16 ROSE HILL MANOR	*	197412.0	645665.0	5.0	*
17. R17 ROSE HILL MANOR	*	197226.0	645473.0	5.0	*
18. R18 ROSE HILL MANOR	*	197125.0	645368.0	5.0	*
19. R19 ROSE HILL MANOR	*	197021.0	645259.0	5.0	*
20. R20 ROSE HILL MANOR	*	196914.0	645147.0	5.0	*

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 PM

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.3	.4	.3	.4	.5	.4	.7	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.4	.4	.4	.4	.5	.5	.7	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	.4	.4	.4	.5	.4	.5	.6	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	.5	.4	.5	.5	.5	.4	.7	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	.4	.5	.4	.4	.5	.4	.7	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	.5	.4	.4	.4	.4	.5	.9	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	.3	.4	.4	.4	.4	.5	.6	.3	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
35.	.4	.4	.3	.3	.4	.4	.5	.2	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
40.	.1	.2	.2	.2	.3	.4	.4	.2	.1	.0	.0	.0	.2	.4	.3	.0	.1	.1	.1	.1
45.	.1	.1	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.3	.4	.3	.3	.1	.1	.2	.2
50.	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.3	.4	.3	.5	.3	.3	.3	.4
55.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.5	.6	.4	.4	.5	.5
60.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.4	.4	.4	.4	.5	.5
65.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.4	.5	.5	.5	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.6	.6	.4	.5	.5
75.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.5	.5	.6
80.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.5	.6	.5	.6
85.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.4	.5	.6	.4	.5	.5
90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.5	.5	.4	.4	.4	.5	.5
95.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.6
100.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.5

S36B230P.OUT

105.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.5	.5	.4	.4	.5
110.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.5
115.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.4	.4	.4
120.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
125.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.5	.4
130.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
135.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.4
140.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.5	.4	.4	.4
145.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.4	.4	.4	.4	.3
150.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.4	.4	.4	.4	.4	.4	.3
155.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.5	.4	.4	.1
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.1
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.4	.4	.4	.4	.1
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.5	.4	.4	.5	.0
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.5	.4	.4	.5	.5	.0
185.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.5	.5	.4	.5	.4	.0
190.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.5	.5	.6	.5	.5	.3	.0
195.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.6	.4	.3	.0
200.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.5	.4	.5	.4	.3	.0
205.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.6	.5	.5	.5	.3	.2	.0

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 PM

PAGE 4

WIND ANGLE (DEGR)	* CONCENTRATION (PPM)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	.5	.4	.4	.3	.3	.1	.0
215.	*	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.3	.0	.0	.4	.4	.3	.3	.2	.1	.0
220.	*	.0	.0	.0	.0	.0	.1	.1	.2	.3	.3	.4	.0	.0	.1	.2	.3	.2	.1	.1	.0
225.	*	.0	.0	.0	.0	.1	.2	.3	.3	.6	.4	.3	.0	.0	.1	.1	.2	.1	.1	.0	.0
230.	*	.0	.0	.0	.0	.2	.3	.4	.5	.5	.6	.5	.0	.0	.0	.1	.1	.1	.0	.0	.0
235.	*	.0	.0	.0	.0	.2	.5	.5	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
240.	*	.0	.0	.0	.0	.4	.5	.7	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
245.	*	.0	.0	.0	.1	.5	.5	.6	.5	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
250.	*	.0	.0	.0	.1	.5	.5	.7	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.1	.2	.5	.5	.6	.5	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.2	.5	.5	.5	.5	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.1	.2	.4	.5	.6	.6	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.2	.4	.4	.5	.6	.6	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.2	.4	.4	.5	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.3	.4	.4	.5	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.2	.3	.4	.4	.5	.5	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.2	.3	.4	.4	.5	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.1	.3	.3	.4	.4	.4	.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.1	.3	.3	.3	.4	.4	.5	.4	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.1	.3	.4	.3	.4	.4	.5	.4	.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.3	.4	.4	.4	.4	.4	.5	.4	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.3	.4	.3	.4	.4	.4	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.3	.4	.3	.3	.4	.4	.5	.6	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.3	.4	.3	.4	.4	.4	.5	.5	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.3	.4	.3	.4	.4	.4	.5	.4	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.3	.4	.4	.3	.4	.4	.5	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.4	.3	.4	.3	.4	.5	.5	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.4	.3	.3	.4	.5	.5	.5	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.4	.4	.4	.4	.5	.4	.6	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.3	.4	.4	.4	.5	.5	.6	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.3	.4	.3	.4	.5	.4	.7	.5	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX DEGR.	*	.5	.5	.5	.5	.5	.5	.9	.7	.7	.6	.5	.4	.5	.6	.5	.6	.6	.6	.6	.6

THE HIGHEST CONCENTRATION IS .90 PPM AT 25 DEGREES FROM REC7 .
 THE 2ND HIGHEST CONCENTRATION IS .70 PPM AT 10 DEGREES FROM REC8 .
 THE 3RD HIGHEST CONCENTRATION IS .70 PPM AT 245 DEGREES FROM REC9 .

1

JOB: I270/US15 CORRIDOR STUDY

RUN: SITE 36 ROSE HILL MANOR B230 PM

PAGE 5

DATE: 12/27/2006 TIME: 15:43:22.03

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	* CO/LINK ANGLE (DEGREES)	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.1	.1	.0	.3	.2	.1	.0	.2	.1	.1	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0
6	*	.2	.3	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
7	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0
14	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3

Site 37 MD26 & Trading Lane

S37 EXAM MD 26 & TRADING LANE				60.0175.0.0000.000280.30480000				S37EXAM.DAT		11 1	
REC 1	400'	SE CORNER	203483.	648873.	5.						
REC 2	164'	SE CORNER	203356.	649011.	5.						
REC 3	82'	SE CORNER	203302.	649101.	5.						
REC 4		SE CORNER	203296.	649131.	5.						
REC 5	82'	ES CORNER	203333.	649171.	5.						
REC 6	164'	ES CORNER	203393.	649200.	5.						
REC 7	400'	ES CORNER	203577.	649288.	5.						
REC 8	400'	EN CORNER	203507.	649469.	5.						
REC 9	164'	EN CORNER	203307.	649352.	5.						
REC 10	82'	EN CORNER	203226.	649298.	5.						
REC 11		NE CORNER	203187.	649280.	5.						
REC 12	82'	NE CORNER	203157.	649308.	5.						
REC 13	164'	NE CORNE	203110.	649380.	5.						
REC 14	400'	NE CORNE	202935.	649558.	5.						
REC 15	400'	NW CORNE	202871.	649514.	5.						
REC 16	184'	NW CORNE	203029.	649343.	5.						
REC 17	84'	NW CORNER	203070.	649277.	5.						
REC 18		NW CORNER	203088.	649229.	5.						
REC 19	82'	WN CORNER	203045.	649194.	5.						
REC 20	164'	WN CORNE	202969.	649146.	5.						
REC 21	400'	WN CORNE	202836.	649072.	5.						
REC 22	400'	WS CORNE	202866.	648887.	5.						
REC 23	164'	WS CORNE	203045.	648995.	5.						
REC 24	82'	WS CORNER	203111.	649039.	5.						
REC 25		SW CORNER	203172.	649066.	5.						
REC 26	82'	SW CORNER	203204.	649038.	5.						
REC 27	164'	SW CORNE	203250.	648957.	5.						
REC 28	400'	SW CORNE	203325.	648845.	5.						
S37 EXAM MD26 & TRADING						35	1	1			
1		MD26 EBL	AG203198.649156.202877.648965.			129	2.8	0.	44.	50.	
2		MD26 EBL	AG203133.649117.202990.649032.			0.	24	2			
72	59		4.0 129 29.1 1717 2 3								
1		MD26 EBT	AG203213.649126.202884.648933.			499	2.8	0.	56.	50.	
2		MD26 EBT	AG203152.649090.202978.648989.			0.	36	3			
72	25		4.0 499 29.1 1770 2 3								
1		MD26 EB	ALAG202873.648935.202352.648620.			628	2.8	0.	68.	50.	
1		MD26 EB	DPAG204099.649570.203775.649444.			544	2.8	0.	56.	50.	
0		MD26 EB	DPAG203775.649444.203524.649317.			544	2.8	0.	56.	50.	
0		MD26 EB	DPAG203524.649317.203212.649131.			544	2.8	0.	56.	50.	
1		MD26 WBL	AG203180.649199.203518.649418.			52	2.8	0.	44.	50.	
2		MD26 WBL	AG203227.649229.203401.649342.			0.	24	2			
72	59		4.0 52 29.1 1717 2 3								
1		MD26 WBT	AG203153.649221.203507.649438.			1852	2.8	0.	56.	50.	
2		MD26 WBT	AG203211.649256.203408.649378.			0.	36	3			
72	59		4.0 1852 29.1 1717 2 3								
1		MD26 WB	ALAG203518.649434.203735.649557.			1904	2.8	0.	56.	50.	
0		MD26 WB	ALAG203735.649557.203891.649627.			1904	2.8	0.	56.	50.	
0		MD26 WB	ALAG203891.649627.204047.649673.			1904	2.8	0.	56.	50.	
1		MD26 WB	DPAG202306.648692.203156.649219.			1901	2.8	0.	56.	50.	
1		Trade NBL	AG203186.649183.203397.648846.			61	2.8	0.	44.	50.	
2		Trade NBL	AG203231.649112.203325.648961.			0.	24	2			
72	56		4.0 61 29.1 1717 2 3								
0		Trade NBT	AG203207.649190.203417.648861.			28	2.8	0.	56.	50.	
2		Trade NBT	AG203252.649119.203369.648936.			0.	36	3			
72	56		4.0 28 29.1 1770 2 3								
1		TradeNBALLAG	203419.648857.203870.648467.			89	2.8	0.	44.	50.	
1		Trade NBDPAG	202549.649963.202799.649642.			280	2.8	0.	44.	50.	
0		Trade NBDPAG	202799.649642.203040.649444.			280	2.8	0.	44.	50.	
0		Trade NBDPAG	203040.649444.203208.649191.			280	2.8	0.	44.	50.	
1		Trade SBL	AG203183.649184.203039.649412.			42	2.8	0.	44.	50.	
2		Trade SBL	AG203132.649265.203056.649385.			0.	24	2			
72	56		4.0 42 29.1 1610 2 3								
1		Trade SBT	AG203159.649184.203022.649400.			153	2.8	0.	56.	50.	
2		Trade SBT	G203118.649249.203036.649377.			0.	36	3			
72	56		4.0 153 29.1 1660 2 3								
1		TradeSBALLAG	203016.649412.202823.649571.			195	2.8	0.	44.	50.	
0		TradeSBALLAG	202823.649571.202686.649728.			195	2.8	0.	44.	50.	
0		TradeSBALLAG	202686.649728.202523.649939.			195	2.8	0.	44.	50.	
1		Trade SBDPAG	203852.648449.203638.648625.			91	2.8	0.	44.	50.	
0		Trade SBDPAG	203638.648625.203464.648752.			91	2.8	0.	44.	50.	
0		Trade SBDPAG	203464.648752.203321.648882.			91	2.8	0.	44.	50.	

S37EXAM.DAT

1
0 Trade SBDPAG203321.648882.203155.649179. 91 2.8 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 EXAM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:07:01.35

RUN: S37 EXAM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	129.	2.8	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203115.2	649106.4	*	21.	239. AG	128.	100.0	.0	24.0	.39 1.0
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	499.	2.8	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	203132.4	649078.7	*	23.	240. AG	81.	100.0	.0	36.0	.16 1.2
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	628.	2.8	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	544.	2.8	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	544.	2.8	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	544.	2.8	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	52.	2.8	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203234.0	649233.6	*	8.	57. AG	128.	100.0	.0	24.0	.16 .4
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	1852.	2.8	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203730.7	651795.2	*	4822.	58. AG	192.	100.0	.0	36.0	3.72 245.0
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1904.	2.8	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1904.	2.8	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1904.	2.8	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1901.	2.8	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	61.	2.8	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203235.9	649104.2	*	9.	148. AG	121.	100.0	.0	24.0	.13 .5
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	28.	2.8	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203253.5	649116.7	*	3.	147. AG	182.	100.0	.0	36.0	.04 .1
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	89.	2.8	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	280.	2.8	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	280.	2.8	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	280.	2.8	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	42.	2.8	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203128.6	649270.4	*	6.	328. AG	121.	100.0	.0	24.0	.09 .3
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	153.	2.8	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203109.6	649262.2	*	16.	327. G	182.	100.0	.0	36.0	.22 .8
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	195.	2.8	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	195.	2.8	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	195.	2.8	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	91.	2.8	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	91.	2.8	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	91.	2.8	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	91.	2.8	.0	44.0	

JOB: S37 EXAM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:07:01.35

RUN: S37 EXAM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 72	59	4.0	129	1717	29.10	2	3
4.	MD26 EBT	* 72	25	4.0	499	1770	29.10	2	3
10.	MD26 WBL	* 72	59	4.0	52	1717	29.10	2	3
12.	MD26 WBT	* 72	59	4.0	1852	1717	29.10	2	3
18.	Trade NBL	* 72	56	4.0	61	1717	29.10	2	3
20.	Trade NBT	* 72	56	4.0	28	1770	29.10	2	3
26.	Trade SBL	* 72	56	4.0	42	1610	29.10	2	3
28.	Trade SBT	* 72	56	4.0	153	1660	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 EXAM MD 26 & TRADING LANE

S37EXAM.OUT
RUN: S37 EXAM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	.1	.1	.3	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
10.	.1	.1	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
15.	.1	.1	.3	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
20.	.1	.1	.2	.3	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
25.	.1	.1	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30.	.1	.2	.2	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
35.	.1	.2	.2	.4	.4	.4	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
40.	.1	.2	.2	.4	.4	.4	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.3	.2	.1
45.	.1	.2	.2	.3	.4	.4	.3	.3	.3	.4	.3	.1	.0	.0	.0	.0	.1	.3	.2	.1
50.	.1	.2	.2	.3	.4	.3	.2	.5	.5	.5	.5	.2	.1	.0	.0	.1	.1	.6	.5	.2
55.	.1	.1	.2	.2	.3	.2	.2	.8	.7	.8	.6	.3	.1	.0	.0	.1	.2	.7	.6	.5
60.	.0	.1	.1	.2	.3	.2	.1	1.0	.9	1.0	.9	.4	.2	.1	.1	.2	.3	.8	.6	.5
65.	.0	.0	.1	.1	.1	.1	.1	1.1	1.0	1.1	1.0	.5	.2	.1	.1	.2	.4	.7	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	1.2	1.1	1.2	1.0	.6	.3	.1	.1	.3	.5	.7	.5	.5
75.	.0	.0	.0	.0	.0	.0	.0	1.2	1.0	1.2	1.0	.5	.3	.1	.1	.2	.5	.6	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	1.1	1.0	1.1	.9	.5	.2	.1	.1	.2	.4	.5	.4	.3
85.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	1.0	.9	.5	.2	.1	.1	.2	.4	.4	.4	.2
90.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.8	.5	.3	.1	.1	.3	.4	.3	.2	.2
95.	.0	.0	.0	.0	.0	.0	.0	1.0	.9	.9	.8	.5	.3	.1	.1	.3	.4	.3	.2	.2
100.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.9	.8	.4	.3	.1	.1	.3	.3	.2	.2	.2
105.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.7	.4	.3	.1	.1	.3	.3	.1	.2	.2
110.	.0	.0	.0	.0	.0	.0	.0	.9	.8	.8	.7	.4	.3	.1	.1	.2	.3	.1	.2	.2
115.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.8	.6	.4	.3	.1	.1	.2	.2	.1	.2	.2
120.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.8	.6	.3	.3	.1	.1	.1	.1	.1	.1	.2
125.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.5	.3	.3	.1	.1	.0	.1	.1	.1	.1
130.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.4	.3	.2	.1	.0	.0	.2	.1	.1	.1
135.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.4	.2	.2	.1	.0	.0	.2	.1	.1	.1
140.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.4	.2	.2	.0	.0	.0	.2	.1	.1	.2
145.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.3	.2	.2	.0	.0	.0	.2	.1	.2	.2
150.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.3	.1	.0	.0	.0	.0	.1	.1	.2	.2
155.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.8	.3	.1	.0	.0	.0	.1	.1	.1	.2	.2
160.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1
165.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1
170.	.0	.0	.0	.0	.0	.0	.0	.8	.7	.7	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1
175.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2
180.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.7	.2	.1	.1	.0	.0	.1	.1	.1	.2	.2
185.	.0	.0	.0	.0	.0	.0	.0	.7	.8	.7	.2	.2	.1	.0	.0	.1	.1	.1	.2	.2
190.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.7	.2	.1	.1	.0	.0	.1	.1	.2	.2	.2
195.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.1	.1	.1	.0	.0	.1	.1	.2	.2	.2
200.	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.2	.2	.1	.0	.0	.1	.1	.2	.2	.2
205.	.0	.0	.0	.0	.0	.0	.0	1.0	.8	.5	.2	.2	.1	.0	.0	.1	.1	.2	.2	.2

1

JOB: S37 EXAM MD 26 & TRADING LANE

RUN: S37 EXAM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.0	.0	.0	.0	.0	.0	.0	1.0	.8	.6	.2	.2	.1	.0	.0	.1	.1	.2	.2	.2
215.	.0	.0	.0	.0	.0	.0	.0	1.1	.8	.6	.2	.2	.1	.0	.0	.1	.1	.2	.2	.2
220.	.0	.0	.0	.0	.0	.0	.0	1.1	.8	.5	.3	.2	.1	.0	.0	.1	.1	.2	.2	.2
225.	.0	.0	.0	.0	.0	.0	.0	1.1	.8	.5	.3	.2	.1	.0	.0	.0	.1	.2	.2	.2
230.	.0	.0	.0	.0	.0	.0	.0	1.0	.7	.4	.3	.2	.0	.0	.0	.0	.1	.2	.2	.2
235.	.0	.0	.0	.0	.0	.0	.0	.9	.6	.3	.4	.2	.0	.0	.0	.0	.1	.2	.2	.2
240.	.0	.0	.0	.0	.0	.0	.0	.7	.4	.2	.3	.1	.0	.0	.0	.0	.0	.1	.1	.2
245.	.0	.0	.0	.0	.1	.1	.0	.5	.3	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1
250.	.0	.0	.0	.1	.2	.2	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1
255.	.0	.0	.1	.1	.2	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	.0	.0	.1	.1	.2	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.0	.0	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.0	.0	.1	.1	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.0	.0	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.0	.0	.1	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.0	.0	.1	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.0	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.0	.1	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.1	.2	.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.1	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.1	.1	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.1	.1	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	.1	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	.1	.1	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	.1	.2	.3	.4	.4	.4	.3	1.2	1.1	1.2	1.0	.6	.3	.1	.1	.3	.5	.8	.6	.5
DEGR.	0	30	0	35	5	10	0	70	70	70	65	70	70	60	60	70	70	60	55	55

1

JOB: S37 EXAM MD 26 & TRADING LANE

RUN: S37 EXAM MD26 & TRADING

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.1	.2	.0	.1	.1	.1
5.	.0	.1	.1	.2	.2	.2	.1	.1
10.	.0	.1	.1	.2	.2	.2	.1	.1
15.	.0	.1	.2	.3	.2	.3	.1	.1
20.	.0	.1	.2	.4	.3	.3	.1	.1
25.	.0	.1	.2	.4	.3	.3	.2	.1
30.	.0	.1	.2	.5	.3	.2	.2	.1
35.	.0	.2	.3	.5	.4	.2	.2	.1
40.	.0	.1	.3	.6	.3	.2	.2	.1
45.	.1	.2	.4	.5	.3	.2	.2	.1
50.	.1	.2	.4	.5	.3	.2	.2	.1
55.	.3	.2	.3	.3	.2	.2	.1	.1
60.	.3	.2	.2	.2	.2	.1	.1	.0
65.	.3	.1	.1	.1	.1	.1	.0	.0
70.	.4	.0	.0	.0	.0	.0	.0	.0
75.	.3	.0	.0	.0	.0	.0	.0	.0
80.	.2	.0	.0	.0	.0	.0	.0	.0
85.	.2	.0	.0	.0	.0	.0	.0	.0
90.	.2	.0	.0	.0	.0	.0	.0	.0
95.	.2	.0	.0	.0	.0	.0	.0	.0
100.	.2	.0	.0	.0	.0	.0	.0	.0
105.	.2	.0	.0	.0	.0	.0	.0	.0
110.	.2	.0	.0	.0	.0	.0	.0	.0
115.	.1	.0	.0	.0	.0	.0	.0	.0
120.	.1	.0	.0	.0	.0	.0	.0	.0
125.	.1	.0	.0	.0	.0	.0	.0	.0
130.	.1	.0	.0	.0	.0	.0	.0	.0
135.	.1	.0	.0	.0	.0	.0	.0	.0
140.	.1	.0	.0	.0	.0	.0	.0	.0
145.	.1	.0	.0	.0	.0	.0	.0	.0
150.	.1	.0	.0	.0	.0	.0	.0	.0
155.	.1	.0	.0	.0	.0	.0	.0	.0
160.	.1	.0	.0	.0	.0	.0	.0	.0
165.	.1	.0	.0	.0	.0	.0	.0	.0
170.	.1	.0	.0	.0	.0	.0	.0	.0
175.	.1	.0	.0	.0	.0	.0	.0	.0
180.	.1	.0	.0	.0	.0	.0	.0	.0
185.	.1	.0	.0	.0	.0	.0	.0	.0
190.	.2	.0	.0	.0	.0	.0	.0	.0
195.	.2	.0	.0	.0	.0	.0	.0	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 EXAM MD 26 & TRADING LANE

RUN: S37 EXAM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.0	.0	.0	.0	.0	.0
215.	.2	.0	.0	.0	.0	.0	.0	.0
220.	.2	.0	.0	.0	.0	.0	.0	.0
225.	.2	.0	.0	.0	.0	.0	.0	.0
230.	.2	.0	.0	.0	.0	.0	.0	.0
235.	.1	.0	.0	.1	.0	.0	.0	.0
240.	.1	.1	.0	.1	.0	.0	.0	.0
245.	.1	.1	.1	.1	.1	.0	.0	.0
250.	.0	.1	.2	.2	.2	.0	.0	.0
255.	.0	.2	.2	.2	.2	.1	.0	.0
260.	.0	.2	.2	.2	.2	.1	.0	.0
265.	.0	.2	.2	.2	.3	.1	.0	.0
270.	.0	.2	.2	.2	.3	.1	.0	.0
275.	.0	.2	.2	.2	.3	.1	.0	.0
280.	.0	.2	.2	.2	.3	.1	.0	.0
285.	.0	.2	.2	.2	.2	.1	.0	.0
290.	.0	.2	.1	.2	.2	.1	.0	.0
295.	.0	.2	.1	.1	.2	.1	.0	.0
300.	.0	.2	.1	.1	.3	.1	.0	.0
305.	.0	.1	.1	.1	.3	.2	.0	.0
310.	.0	.1	.1	.1	.3	.2	.0	.0
315.	.0	.1	.1	.1	.3	.1	.0	.0
320.	.0	.2	.1	.1	.3	.1	.0	.0
325.	.0	.2	.1	.1	.3	.1	.0	.0
330.	.0	.2	.1	.1	.3	.0	.0	.0
335.	.0	.2	.1	.1	.1	.0	.0	.0
340.	.0	.1	.1	.1	.1	.0	.0	.0
345.	.0	.1	.1	.1	.0	.0	.0	.0
350.	.0	.1	.1	.1	.0	.0	.1	.1
355.	.0	.1	.1	.1	.0	.1	.1	.1
360.	.0	.1	.1	.2	.0	.1	.1	.1

1

THE HIGHEST CONCENTRATION IS 1.20 PPM AT 70 DEGREES FROM REC8 .
 THE 2ND HIGHEST CONCENTRATION IS 1.20 PPM AT 70 DEGREES FROM REC10 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 70 DEGREES FROM REC9 .

1

JOB: S37 EXAM MD 26 & TRADING LANE

RUN: S37 EXAM MD26 & TRADING
 Page 3

PAGE 7

DATE: 12/15/2006 TIME: 11:07:01.35

S37EXAM.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	30	0	35	5	10	0	70	70	70	65	70	70	60	60	70	70	60	55	55
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.1	.0	.1	.1	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1
12	*	.1	.2	.2	.3	.2	.2	.2	1.0	.9	.9	.8	.5	.3	.1	.1	.3	.4	.5	.4	.3
13	*	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 EXAM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:07:01.35

RUN: S37 EXAM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		70	35	45	40	35	15	25	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.0	.0	.0	.0
4	*	.0	.0	.0	.1	.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.1	.1	.1	.0	.0
12	*	.2	.1	.3	.3	.3	.2	.2	.1
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0

S37 EXPM MD 26 & TRADING LANE				60.0175.0.0000.000280.30480000				S37EXPM.DAT		11 1	
REC 1	400'	SE CORNER	203483.	648873.	5.						
REC 2	164'	SE CORNER	203356.	649011.	5.						
REC 3	82'	SE CORNER	203302.	649101.	5.						
REC 4		SE CORNER	203296.	649131.	5.						
REC 5	82'	ES CORNER	203333.	649171.	5.						
REC 6	164'	ES CORNER	203393.	649200.	5.						
REC 7	400'	ES CORNER	203577.	649288.	5.						
REC 8	400'	EN CORNER	203507.	649469.	5.						
REC 9	164'	EN CORNER	203307.	649352.	5.						
REC 10	82'	EN CORNER	203226.	649298.	5.						
REC 11		NE CORNER	203187.	649280.	5.						
REC 12	82'	NE CORNER	203157.	649308.	5.						
REC 13	164'	NE CORNE	203110.	649380.	5.						
REC 14	400'	NE CORNE	202935.	649558.	5.						
REC 15	400'	NW CORNE	202871.	649514.	5.						
REC 16	184'	NW CORNE	203029.	649343.	5.						
REC 17	84'	NW CORNER	203070.	649277.	5.						
REC 18		NW CORNER	203088.	649229.	5.						
REC 19	82'	WN CORNER	203045.	649194.	5.						
REC 20	164'	WN CORNE	202969.	649146.	5.						
REC 21	400'	WN CORNE	202836.	649072.	5.						
REC 22	400'	WS CORNE	202866.	648887.	5.						
REC 23	164'	WS CORNE	203045.	648995.	5.						
REC 24	82'	WS CORNER	203111.	649039.	5.						
REC 25		SW CORNER	203172.	649066.	5.						
REC 26	82'	SW CORNER	203204.	649038.	5.						
REC 27	164'	SW CORNE	203250.	648957.	5.						
REC 28	400'	SW CORNE	203325.	648845.	5.						
S37 EXPM MD26 & TRADING						35	1	1			
1		MD26 EBL	AG203198.649156.202877.648965.			82	2.8	0.	44.	50.	
2		MD26 EBL	AG203133.649117.202990.649032.			0.	24	2			
100	85		4.0 82 29.1 1717 2 3								
1		MD26 EBT	AG203213.649126.202884.648933.			1820	2.8	0.	56.	50.	
2		MD26 EBT	AG203152.649090.202978.648989.			0.	36	3			
100	27		4.0 1820 29.1 1770 2 3								
1		MD26 EB	ALAG202873.648935.202352.648620.			1902	2.8	0.	68.	50.	
1		MD26 EB	DPAG204099.649570.203775.649444.			1913	2.8	0.	56.	50.	
0		MD26 EB	DPAG203775.649444.203524.649317.			1913	2.8	0.	56.	50.	
1		MD26 EB	DPAG203524.649317.203212.649131.			1913	2.8	0.	56.	50.	
0		MD26 WBL	AG203180.649199.203518.649418.			41	2.8	0.	44.	50.	
1		MD26 WBL	AG203227.649229.203401.649342.			0.	24	2			
100	87		4.0 41 29.1 1717 2 3								
1		MD26 WBT	AG203153.649221.203507.649438.			911	2.8	0.	56.	50.	
2		MD26 WBT	AG203211.649256.203408.649378.			0.	36	3			
100	30		4.0 911 29.1 1678 2 3								
1		MD26 WB	ALAG203518.649434.203735.649557.			952	2.8	0.	56.	50.	
1		MD26 WB	ALAG203735.649557.203891.649627.			952	2.8	0.	56.	50.	
0		MD26 WB	ALAG203891.649627.204047.649673.			952	2.8	0.	56.	50.	
1		MD26 WB	DPAG202306.648692.203156.649219.			958	2.8	0.	56.	50.	
1		Trade NBL	AG203186.649183.203397.648846.			70	2.8	0.	44.	50.	
2		Trade NBL	AG203231.649112.203325.648961.			0.	24	2			
100	83		4.0 70 29.1 1717 2 3								
1		Trade NBT	AG203207.649190.203417.648861.			71	2.8	0.	56.	50.	
0		Trade NBT	AG203252.649119.203369.648936.			0.	36	3			
100	83		4.0 71 29.1 1770 2 3								
1		TradeNBALLAG	203419.648857.203870.648467.			141	2.8	0.	44.	50.	
1		Trade NBDPAG	202549.649963.202799.649642.			163	2.8	0.	44.	50.	
1		Trade NBDPAG	202799.649642.203040.649444.			163	2.8	0.	44.	50.	
0		Trade NBDPAG	203040.649444.203208.649191.			163	2.8	0.	44.	50.	
1		Trade SBL	AG203183.649184.203039.649412.			68	2.8	0.	44.	50.	
2		Trade SBL	AG203132.649265.203056.649385.			0.	24	2			
100	83		4.0 68 29.1 1610 2 3								
1		Trade SBT	AG203159.649184.203022.649400.			57	2.8	0.	56.	50.	
2		Trade SBT	G203118.649249.203036.649377.			0.	36	3			
72	56		4.0 57 29.1 1644 2 3								
1		TradeSBALLAG	203016.649412.202823.649571.			125	2.8	0.	44.	50.	
1		TradeSBALLAG	202823.649571.202686.649728.			125	2.8	0.	44.	50.	
0		TradeSBALLAG	202686.649728.202523.649939.			125	2.8	0.	44.	50.	
1		Trade SBDPAG	203852.648449.203638.648625.			86	2.8	0.	44.	50.	
1		Trade SBDPAG	203638.648625.203464.648752.			86	2.8	0.	44.	50.	
0		Trade SBDPAG	203464.648752.203321.648882.			86	2.8	0.	44.	50.	
1											

1
0 Trade SBDPAG203321.648882.203155.649179. 86 2.8 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 EXPM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:22:18.82

RUN: S37 EXPM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	82.	2.8	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203116.6	649107.3	*	19.	239. AG	133.	100.0	.0	24.0	.27 1.0
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1820.	2.8	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	203074.6	649045.1	*	89.	240. AG	63.	100.0	.0	36.0	.51 4.5
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1902.	2.8	.0	68.0	
6.	MD26 EB DP*	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	1913.	2.8	.0	56.0	
7. 0	MD26 EB DP*	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	1913.	2.8	.0	56.0	
8. 0	MD26 EB DP*	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	1913.	2.8	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	41.	2.8	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203235.0	649234.2	*	10.	57. AG	136.	100.0	.0	24.0	.17 .5
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	911.	2.8	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203253.3	649282.2	*	50.	58. AG	70.	100.0	.0	36.0	.28 2.5
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	952.	2.8	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	952.	2.8	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	952.	2.8	.0	56.0	
16.	MD26 WB DP*	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	958.	2.8	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	70.	2.8	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203239.4	649098.5	*	16.	148. AG	130.	100.0	.0	24.0	.19 .8
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	71.	2.8	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203257.6	649110.2	*	10.	147. AG	194.	100.0	.0	36.0	.12 .5
21.	TradeNBALL*	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	141.	2.8	.0	44.0	
22.	Trade NBDP*	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	163.	2.8	.0	44.0	
23. 0	Trade NBDP*	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	163.	2.8	.0	44.0	
24. 0	Trade NBDP*	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	163.	2.8	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	68.	2.8	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203123.7	649278.0	*	15.	328. AG	130.	100.0	.0	24.0	.19 .8
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	57.	2.8	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203114.9	649253.9	*	6.	327. G	182.	100.0	.0	36.0	.08 .3
29.	TradeSBALL*	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	125.	2.8	.0	44.0	
30. 0	TradeSBALL*	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	125.	2.8	.0	44.0	
31. 0	TradeSBALL*	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	125.	2.8	.0	44.0	
32.	Trade SBDP*	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	86.	2.8	.0	44.0	
33. 0	Trade SBDP*	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	86.	2.8	.0	44.0	
34. 0	Trade SBDP*	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	86.	2.8	.0	44.0	
35. 0	Trade SBDP*	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	86.	2.8	.0	44.0	

JOB: S37 EXPM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:22:18.82

RUN: S37 EXPM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 100	85	4.0	82	1717	29.10	2	3
4.	MD26 EBT	* 100	27	4.0	1820	1770	29.10	2	3
10.	MD26 WBL	* 100	87	4.0	41	1717	29.10	2	3
12.	MD26 WBT	* 100	30	4.0	911	1678	29.10	2	3
18.	Trade NBL	* 100	83	4.0	70	1717	29.10	2	3
20.	Trade NBT	* 100	83	4.0	71	1770	29.10	2	3
26.	Trade SBL	* 100	83	4.0	68	1610	29.10	2	3
28.	Trade SBT	* 72	56	4.0	57	1644	29.10	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 EXPM MD 26 & TRADING LANE

S37EXPM.OUT
RUN: S37 EXPM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.	*	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10.	*	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.	*	.0	.1	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.	*	.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
35.	*	.0	.0	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
40.	*	.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
45.	*	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
50.	*	.0	.0	.1	.1	.2	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
55.	*	.0	.0	.0	.1	.2	.2	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0
60.	*	.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.2	.0	.1
65.	*	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.2	.1	.1
70.	*	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.2	.2	.1
75.	*	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1
80.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.2	.1
85.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.2	.2	.1
90.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0	.0	.1	.1	.2	.1
95.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	.0	.0	.1	.1	.2	.1
100.	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.0	.0	.0	.0	.2	.1	.2	.1
105.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.4	.3	.0	.0	.0	.0	.2	.2	.1	.2
110.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.2	.2	.1	.2
115.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.4	.3	.0	.0	.0	.0	.0	.2	.1	.2
120.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.1	.1	.2
125.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.1	.2	.2
130.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.0	.1	.2	.2
135.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.2	.0	.0	.0	.0	.0	.1	.2	.2
140.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.1	.2	.2
145.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.3	.0	.0	.0	.0	.0	.0	.2	.2	.2
150.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.0	.0	.0	.0	.0	.0	.2	.3	.2
155.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.2	.0	.0	.0	.0	.0	.0	.2	.3	.2
160.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2
165.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2
170.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2
175.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2
180.	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2
185.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2
190.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.2
195.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.2	.2	.1
200.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.0	.0	.0	.0	.0	.2	.2	.1
205.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.2	.2	.0	.0	.0	.0	.0	.2	.1	.1

1

JOB: S37 EXPM MD 26 & TRADING LANE

RUN: S37 EXPM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* CONC	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
210.	*	.0	.0	.0	.0	.0	.0	.0	.2	.1	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2
215.	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	.2	.0	.0	.0	.0	.1	.1	.1	.2
220.	*	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.0	.0	.0	.0	.1	.1	.2	.2
225.	*	.0	.0	.0	.1	.1	.0	.0	.1	.2	.3	.1	.2	.0	.0	.0	.0	.0	.1	.2	.2
230.	*	.0	.0	.0	.1	.2	.1	.0	.1	.1	.2	.1	.2	.0	.0	.0	.0	.0	.1	.1	.2
235.	*	.0	.0	.0	.3	.2	.1	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
240.	*	.0	.0	.0	.3	.3	.2	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1
245.	*	.0	.0	.1	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
250.	*	.0	.0	.1	.3	.3	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
255.	*	.0	.0	.1	.4	.3	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
260.	*	.0	.0	.1	.3	.3	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	*	.0	.0	.3	.3	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	*	.0	.1	.3	.3	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	*	.0	.1	.3	.3	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	*	.0	.1	.3	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	*	.0	.1	.4	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	*	.0	.1	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	*	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	*	.0	.0	.2	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	*	.0	.0	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	*	.0	.0	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	*	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
355.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
360.	*	.0	.1	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAX	*	.0	.1	.4	.4	.3	.3	.2	.2	.2	.4	.4	.3	.0	.0	.0	.0	.2	.2	.3	.2
DEGR.	*	0	0	285	255	40	45	25	105	110	135	100	105	0	0	0	0	100	30	150	105

1

JOB: S37 EXPM MD 26 & TRADING LANE

RUN: S37 EXPM MD26 & TRADING

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.1	.2	.5	.2	.1	.0	.0
5.	.0	.1	.2	.5	.2	.1	.1	.0
10.	.0	.2	.2	.5	.2	.1	.1	.0
15.	.0	.2	.2	.5	.2	.1	.1	.0
20.	.0	.2	.3	.5	.2	.2	.1	.0
25.	.0	.2	.3	.4	.3	.2	.1	.0
30.	.0	.2	.3	.4	.2	.2	.1	.0
35.	.0	.2	.3	.4	.2	.1	.0	.0
40.	.0	.3	.3	.5	.2	.1	.0	.0
45.	.0	.3	.3	.5	.2	.1	.0	.0
50.	.0	.2	.4	.4	.2	.1	.0	.0
55.	.0	.2	.4	.4	.3	.1	.0	.0
60.	.1	.1	.4	.4	.3	.0	.0	.0
65.	.1	.1	.1	.3	.3	.0	.0	.0
70.	.1	.1	.1	.1	.0	.0	.0	.0
75.	.1	.0	.1	.1	.0	.0	.0	.0
80.	.1	.0	.0	.1	.0	.0	.0	.0
85.	.1	.0	.0	.0	.0	.0	.0	.0
90.	.2	.0	.0	.0	.0	.0	.0	.0
95.	.2	.0	.0	.0	.0	.0	.0	.0
100.	.2	.0	.0	.0	.0	.0	.0	.0
105.	.2	.0	.0	.0	.0	.0	.0	.0
110.	.2	.0	.0	.0	.0	.0	.0	.0
115.	.2	.0	.0	.0	.0	.0	.0	.0
120.	.2	.0	.0	.0	.0	.0	.0	.0
125.	.2	.0	.0	.0	.0	.0	.0	.0
130.	.2	.0	.0	.0	.0	.0	.0	.0
135.	.2	.0	.0	.0	.0	.0	.0	.0
140.	.2	.0	.0	.0	.0	.0	.0	.0
145.	.2	.0	.0	.0	.0	.0	.0	.0
150.	.1	.0	.0	.0	.0	.0	.0	.0
155.	.1	.0	.0	.0	.0	.0	.0	.0
160.	.1	.0	.0	.0	.0	.0	.0	.0
165.	.1	.0	.0	.0	.0	.0	.0	.0
170.	.1	.0	.0	.0	.0	.0	.0	.0
175.	.2	.0	.0	.0	.0	.0	.0	.0
180.	.2	.0	.0	.0	.0	.0	.0	.0
185.	.2	.0	.0	.0	.0	.0	.0	.0
190.	.2	.0	.0	.0	.0	.0	.0	.0
195.	.2	.0	.0	.0	.0	.0	.0	.0
200.	.2	.0	.0	.0	.0	.0	.0	.0
205.	.2	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 EXPM MD 26 & TRADING LANE

RUN: S37 EXPM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.2	.0	.0	.0	.0	.0	.0	.0
215.	.2	.0	.0	.1	.0	.0	.0	.0
220.	.2	.0	.0	.1	.0	.0	.0	.0
225.	.2	.1	.1	.1	.1	.0	.0	.0
230.	.1	.1	.1	.1	.1	.0	.0	.0
235.	.1	.1	.2	.3	.1	.0	.0	.0
240.	.1	.2	.3	.3	.2	.0	.0	.0
245.	.0	.2	.3	.3	.4	.0	.0	.0
250.	.0	.2	.3	.5	.3	.1	.0	.0
255.	.0	.2	.3	.4	.3	.1	.0	.0
260.	.0	.2	.2	.4	.4	.1	.0	.0
265.	.0	.2	.2	.3	.4	.1	.0	.0
270.	.0	.2	.2	.3	.4	.2	.0	.0
275.	.0	.2	.2	.3	.4	.2	.0	.0
280.	.0	.2	.2	.3	.4	.2	.1	.0
285.	.0	.2	.2	.4	.4	.2	.1	.0
290.	.0	.2	.2	.4	.4	.2	.1	.0
295.	.0	.2	.2	.4	.4	.2	.1	.0
300.	.0	.2	.2	.4	.5	.2	.1	.0
305.	.0	.2	.2	.4	.4	.2	.1	.0
310.	.0	.1	.2	.4	.3	.2	.1	.0
315.	.0	.1	.2	.4	.3	.2	.1	.0
320.	.0	.2	.2	.4	.4	.1	.1	.0
325.	.0	.2	.2	.4	.4	.1	.1	.0
330.	.0	.2	.2	.4	.4	.1	.0	.0
335.	.0	.2	.2	.4	.2	.1	.0	.0
340.	.0	.2	.2	.4	.2	.1	.0	.0
345.	.0	.1	.2	.4	.1	.1	.0	.0
350.	.0	.1	.2	.4	.1	.1	.0	.0
355.	.0	.1	.2	.4	.1	.1	.0	.0
360.	.0	.1	.2	.5	.2	.1	.0	.0

MAX DEGR.	90	40	50	0	300	20	5	0
.2	.3	.4	.5	.5	.2	.1	.0	

THE HIGHEST CONCENTRATION IS .50 PPM AT 0 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS .50 PPM AT 300 DEGREES FROM REC25.
 THE 3RD HIGHEST CONCENTRATION IS .40 PPM AT 285 DEGREES FROM REC3 .

1

JOB: S37 EXPM MD 26 & TRADING LANE

RUN: S37 EXPM MD26 & TRADING
 Page 3

PAGE 7

DATE: 12/15/2006 TIME: 11:22:18.82

S37EXPM.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		0	0	285	255	40	45	25	105	110	135	100	105	0	0	0	0	100	30	150	105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.1	.1	.1	.3	.2	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 EXPM MD 26 & TRADING LANE
DATE: 12/15/2006 TIME: 11:22:18.82

RUN: S37 EXPM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
		90	40	50	0	300	20	5	0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.1	.1	.0	.0	.0
3	*	.1	.2	.2	.2	.2	.0	.0	.0
4	*	.0	.0	.1	.2	.2	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.1	.0	.0	.1	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.1	.0	.0	.0	.0	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.1	.0	.0
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.0	.0	.0
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.0	.0	.0	.0	.0	.0	.0

S37NB15A.DAT

S37	NB15AM	MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	203483.	648873.	5.
REC 2	164'	SE CORNER	203356.	649011.	5.
REC 3	82'	SE CORNER	203302.	649101.	5.
REC 4		SE CORNER	203296.	649131.	5.
REC 5	82'	ES CORNER	203333.	649171.	5.
REC 6	164'	ES CORNER	203393.	649200.	5.
REC 7	400'	ES CORNER	203577.	649288.	5.
REC 8	400'	EN CORNER	203507.	649469.	5.
REC 9	164'	EN CORNER	203307.	649352.	5.
REC 10	82'	EN CORNER	203226.	649298.	5.
REC 11		NE CORNER	203187.	649280.	5.
REC 12	82'	NE CORNER	203157.	649308.	5.
REC 13	164'	NE CORNE	203110.	649380.	5.
REC 14	400'	NE CORNE	202935.	649558.	5.
REC 15	400'	NW CORNE	202871.	649514.	5.
REC 16	184'	NW CORNE	203029.	649343.	5.
REC 17	84'	NW CORNER	203070.	649277.	5.
REC 18		NW CORNER	203088.	649229.	5.
REC 19	82'	WN CORNER	203045.	649194.	5.
REC 20	164'	WN CORNE	202969.	649146.	5.
REC 21	400'	WN CORNE	202836.	649072.	5.
REC 22	400'	WS CORNE	202866.	648887.	5.
REC 23	164'	WS CORNE	203045.	648995.	5.
REC 24	82'	WS CORNER	203111.	649039.	5.
REC 25		SW CORNER	203172.	649066.	5.
REC 26	82'	SW CORNER	203204.	649038.	5.
REC 27	164'	SW CORNE	203250.	648957.	5.
REC 28	400'	SW CORNE	203325.	648845.	5.

S37 NB15AM MD26 & TRADING 35 1 1

1		MD26 EBL	AG203198.649156.202877.648965.	25 3.7	0. 44.	50.
2		MD26 EBL	AG203133.649117.202990.649032.	0. 24	2	
100	81		4.0 25 32.2 1717 2 3			
1		MD26 EBT	AG203213.649126.202884.648933.	525 3.7	0. 56.	50.
2		MD26 EBT	AG203152.649090.202978.648989.	0. 36	3	
100	86		4.0 525 32.2 1707 2 3			
1		MD26 EB	ALAG202873.648935.202352.648620.	550 3.7	0. 68.	50.
1		MD26 EB	DPAG204099.649570.203775.649444.	575 3.7	0. 56.	50.
0		MD26 EB	DPAG203775.649444.203524.649317.	575 3.7	0. 56.	50.
1		MD26 EB	DPAG203524.649317.203212.649131.	575 3.7	0. 56.	50.
0		MD26 WBL	AG203180.649199.203518.649418.	1550 3.7	0. 44.	50.
2		MD26 WBL	AG203227.649229.203401.649342.	0. 24	2	
100	46		4.0 1550 32.2 1717 2 3			
1		MD26 WBT	AG203153.649221.203507.649438.	750 3.7	0. 56.	50.
2		MD26 WBT	AG203211.649256.203408.649378.	0. 36	3	
100	39		4.0 750 32.2 1687 2 3			
1		MD26 WB	ALAG203518.649434.203735.649557.	2300 3.7	0. 56.	50.
0		MD26 WB	ALAG203735.649557.203891.649627.	2300 3.7	0. 56.	50.
1		MD26 WB	ALAG203891.649627.204047.649673.	2300 3.7	0. 56.	50.
0		MD26 WB	DPAG202306.648692.203156.649219.	1325 3.7	0. 56.	50.
1		Trade NBL	AG203186.649183.203397.648846.	575 3.7	0. 44.	50.
2		Trade NBL	AG203231.649112.203325.648961.	0. 24	2	
100	77		4.0 575 32.2 1717 2 3			
0		Trade NBT	AG203207.649190.203417.648861.	500 3.7	0. 56.	50.
2		Trade NBT	AG203252.649119.203369.648936.	0. 36	3	
100	75		4.0 500 32.2 1707 2 3			
1		TradeNBALLAG	203419.648857.203870.648467.	1075 3.7	0. 44.	50.
1		Trade NBDPAG	202549.649963.202799.649642.	250 3.7	0. 44.	50.
0		Trade NBDPAG	202799.649642.203040.649444.	250 3.7	0. 44.	50.
1		Trade NBDPAG	203040.649444.203208.649191.	250 3.7	0. 44.	50.
0		Trade SBL	AG203183.649184.203039.649412.	25 3.7	0. 44.	50.
2		Trade SBL	AG203132.649265.203056.649385.	0. 24	2	
100	84		4.0 25 32.2 1717 2 3			
1		Trade SBT	AG203159.649184.203022.649400.	275 3.7	0. 56.	50.
2		Trade SBT	G203118.649249.203036.649377.	0. 36	3	
100	87		4.0 275 32.2 1707 2 3			
1		TradeSBALLAG	203016.649412.202823.649571.	300 3.7	0. 44.	50.
0		TradeSBALLAG	202823.649571.202686.649728.	300 3.7	0. 44.	50.
1		TradeSBALLAG	202686.649728.202523.649939.	300 3.7	0. 44.	50.
0		Trade SBDPAG	203852.648449.203638.648625.	2075 3.7	0. 44.	50.
1		Trade SBDPAG	203638.648625.203464.648752.	2075 3.7	0. 44.	50.
0		Trade SBDPAG	203464.648752.203321.648882.	2075 3.7	0. 44.	50.

1
0 Trade SBDPAG203321.648882.203155.649179. 2075 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 NB15AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:41:45.27

RUN: S37 NB15AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.7	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203128.4	649114.3	*	5.	239. AG	140.	100.0	.0	24.0	.05 .3
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	525.	3.7	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202700.3	648827.8	*	522.	240. AG	223.	100.0	.0	36.0	1.29 26.5
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	550.	3.7	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	575.	3.7	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	575.	3.7	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	575.	3.7	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1550.	3.7	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203425.9	649358.2	*	237.	57. AG	79.	100.0	.0	24.0	.94 12.0
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	750.	3.7	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203256.3	649284.1	*	53.	58. AG	101.	100.0	.0	36.0	.27 2.7
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2300.	3.7	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2300.	3.7	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2300.	3.7	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1325.	3.7	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	575.	3.7	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203323.5	648963.5	*	175.	148. AG	133.	100.0	.0	24.0	.99 8.9
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	500.	3.7	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203288.7	649061.6	*	68.	147. AG	194.	100.0	.0	36.0	.51 3.5
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1075.	3.7	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	250.	3.7	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	250.	3.7	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	250.	3.7	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.7	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203129.1	649269.7	*	6.	328. AG	145.	100.0	.0	24.0	.07 .3
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	275.	3.7	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203092.0	649289.6	*	48.	327. G	225.	100.0	.0	36.0	.76 2.5
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	300.	3.7	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	300.	3.7	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	300.	3.7	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	2075.	3.7	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	2075.	3.7	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	2075.	3.7	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	2075.	3.7	.0	44.0	

JOB: S37 NB15AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:41:45.27

RUN: S37 NB15AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 100	81	4.0	25	1717	32.20	2	3
4.	MD26 EBT	* 100	86	4.0	525	1707	32.20	2	3
10.	MD26 WBL	* 100	46	4.0	1550	1717	32.20	2	3
12.	MD26 WBT	* 100	39	4.0	750	1687	32.20	2	3
18.	Trade NBL	* 100	77	4.0	575	1717	32.20	2	3
20.	Trade NBT	* 100	75	4.0	500	1707	32.20	2	3
26.	Trade SBL	* 100	84	4.0	25	1717	32.20	2	3
28.	Trade SBT	* 100	87	4.0	275	1707	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 NB15AM MD 26 & TRADING LANE

S37NB15A.OUT

RUN: S37 NB15AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
5.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0
10.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
15.	.0	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
20.	.0	.0	.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
25.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
30.	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.2	.0
35.	.0	.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.2	.1
40.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.2	.1
45.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1
50.	.0	.0	.0	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	.4	.2	.1
55.	.0	.0	.0	.0	.1	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.3	.3	.1	.2
60.	.0	.0	.0	.0	.1	.0	.0	.2	.2	.2	.2	.0	.0	.0	.0	.0	.3	.4	.4	.3
65.	.0	.0	.0	.0	.1	.0	.0	.3	.3	.3	.4	.0	.0	.0	.0	.0	.4	.5	.5	.2
70.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.3	.4	.0	.0	.0	.0	.0	.5	.5	.4	.3
75.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.2	.0	.0	.0	.0	.6	.5	.4	.3
80.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.4	.3	.0	.0	.0	.0	.7	.5	.3	.2
85.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.3	.0	.0	.0	.0	.9	.4	.2	.2
90.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.3	.0	.0	.0	.0	.9	.4	.3	.3
95.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.4	.0	.0	.1	.1	.9	.2	.3	.4
100.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.4	.1	.0	.1	.2	.9	.2	.3	.5
105.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.4	.2	.0	.1	.2	.8	.2	.4	.5
110.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.5	.4	.2	.0	.1	.1	.7	.1	.4	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.5	.5	.4	.2	.0	.1	.1	.7	.2	.4	.5
120.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.5	.4	.2	.0	.1	.1	.6	.4	.4	.4
125.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.5	.5	.4	.2	.0	.1	.2	.6	.4	.4	.4
130.	.1	.0	.0	.0	.0	.0	.0	.2	.3	.5	.5	.4	.0	.0	.1	.2	.8	.4	.4	.3
135.	.1	.0	.0	.0	.0	.0	.0	.2	.3	.6	.4	.4	.0	.0	.1	.3	.8	.5	.4	.3
140.	.1	.1	.0	.0	.0	.0	.0	.2	.3	.6	.4	.3	.0	.0	.0	.4	.6	.4	.4	.3
145.	.2	.1	.0	.0	.0	.0	.0	.2	.3	.6	.6	.4	.0	.0	.0	.3	.5	.5	.4	.3
150.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.6	.5	.5	.2	.0	.1	.3	.5	.3	.3	.3
155.	.2	.2	.1	.0	.0	.0	.0	.2	.3	.8	.5	.5	.2	.0	.1	.3	.4	.3	.3	.3
160.	.2	.2	.3	.2	.0	.0	.0	.1	.3	.8	.5	.4	.3	.1	.1	.2	.3	.3	.3	.3
165.	.2	.2	.4	.3	.0	.0	.0	.2	.3	.9	.5	.2	.2	.1	.1	.1	.2	.3	.3	.3
170.	.2	.2	.4	.4	.0	.0	.0	.2	.3	.9	.5	.1	.3	.1	.1	.2	.3	.3	.3	.3
175.	.2	.2	.6	.6	.0	.0	.0	.2	.3	.9	.4	.2	.3	.1	.1	.2	.3	.3	.3	.3
180.	.2	.2	.7	.6	.1	.0	.0	.2	.4	.9	.4	.2	.3	.1	.1	.2	.3	.3	.3	.3
185.	.2	.2	.7	.7	.2	.0	.0	.2	.6	.8	.4	.3	.4	.1	.1	.3	.3	.3	.3	.4
190.	.2	.3	.7	.7	.3	.0	.0	.2	.6	.6	.4	.3	.4	.1	.1	.3	.3	.3	.4	.5
195.	.2	.2	.7	.8	.3	.1	.0	.2	.6	.6	.4	.4	.4	.1	.1	.3	.3	.3	.5	.5
200.	.2	.3	.7	.8	.3	.1	.0	.2	.5	.6	.5	.4	.4	.0	.0	.2	.3	.4	.5	.5
205.	.2	.3	.8	.8	.4	.2	.0	.2	.6	.7	.4	.4	.3	.0	.0	.2	.3	.4	.5	.4

1

JOB: S37 NB15AM MD 26 & TRADING LANE

RUN: S37 NB15AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.3	.8	.7	.4	.3	.0	.4	.6	.7	.4	.5	.2	.0	.0	.2	.3	.4	.4	.4
215.	.2	.3	.8	.7	.4	.3	.0	.5	.6	.5	.4	.5	.2	.0	.0	.2	.3	.4	.4	.4
220.	.2	.3	.9	.7	.4	.3	.0	.5	.6	.5	.4	.6	.2	.0	.0	.1	.2	.4	.4	.4
225.	.2	.4	.9	.8	.5	.4	.0	.4	.6	.5	.5	.5	.1	.0	.0	.0	.2	.3	.3	.3
230.	.2	.4	1.0	.9	.6	.4	.1	.4	.4	.5	.4	.5	.0	.0	.0	.0	.1	.3	.3	.3
235.	.2	.4	1.0	.9	.5	.5	.1	.4	.4	.4	.4	.4	.0	.0	.0	.0	.1	.2	.3	.2
240.	.2	.4	1.1	1.0	.7	.6	.1	.3	.4	.4	.2	.4	.0	.0	.0	.0	.0	.1	.1	.1
245.	.2	.5	1.2	.9	.6	.5	.1	.1	.2	.2	.3	.3	.0	.0	.0	.0	.0	.1	.1	.1
250.	.2	.5	1.2	1.0	.7	.5	.2	.1	.1	.2	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1
255.	.1	.6	1.3	.8	.5	.3	.2	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
260.	.1	.6	1.3	.7	.4	.3	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.2	.6	1.2	.6	.4	.2	.3	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.2	.6	1.2	.5	.2	.1	.3	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	.6	1.0	.5	.2	.2	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	.7	.9	.4	.1	.2	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.2	.9	.8	.4	.2	.3	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.2	.7	.7	.3	.3	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.3	.7	.5	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.3	.8	.5	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.3	.6	.3	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.2	.6	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.5	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.1	.4	.2	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.0	.3	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.2	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.0	.1	.1	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
340.	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
345.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
350.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
355.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
360.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
MAX	.3	.9	1.3	1.0	.7	.6	.3	.5	.6	.9	.6	.6	.4	.1	.1	.4	.9	.5	.5	.6
DEGR	295	285	255	240	240	240	265	215	185	165	145	220	185	160	95	140	85	10	65	110

1

JOB: S37 NB15AM MD 26 & TRADING LANE

RUN: S37 NB15AM MD26 & TRADING

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.9	1.0	.3	.3	.6	.5
5.	.0	.8	.9	.9	.3	.4	.6	.4
10.	.0	.8	.9	.9	.4	.5	.7	.4
15.	.0	.8	.9	1.0	.4	.7	.6	.3
20.	.0	.8	.9	1.0	.5	.7	.6	.2
25.	.0	.9	.9	1.1	.5	.7	.6	.2
30.	.0	.9	.9	1.0	.5	.8	.6	.2
35.	.0	1.0	.9	1.1	.5	.7	.4	.3
40.	.0	.9	1.1	1.0	.5	.6	.4	.3
45.	.0	.9	1.0	.9	.6	.6	.4	.3
50.	.0	.8	.8	.8	.5	.6	.4	.3
55.	.1	.7	.6	.7	.4	.6	.5	.2
60.	.1	.5	.7	.7	.5	.7	.5	.2
65.	.1	.3	.5	.6	.5	.7	.5	.2
70.	.1	.2	.4	.4	.6	.6	.4	.3
75.	.3	.1	.4	.4	.6	.5	.3	.3
80.	.3	.1	.2	.3	.6	.5	.3	.3
85.	.3	.0	.2	.3	.6	.5	.3	.3
90.	.4	.0	.2	.3	.6	.4	.3	.4
95.	.4	.0	.2	.2	.5	.5	.4	.4
100.	.3	.0	.1	.2	.5	.5	.3	.4
105.	.3	.0	.1	.2	.5	.5	.3	.4
110.	.3	.0	.0	.2	.4	.5	.3	.4
115.	.3	.0	.0	.1	.4	.5	.4	.5
120.	.3	.0	.0	.1	.3	.4	.5	.5
125.	.3	.0	.0	.1	.3	.4	.5	.5
130.	.3	.0	.0	.1	.3	.4	.5	.3
135.	.3	.0	.0	.0	.3	.5	.4	.3
140.	.3	.0	.0	.0	.3	.4	.3	.1
145.	.3	.0	.0	.0	.1	.4	.3	.1
150.	.3	.0	.0	.0	.1	.2	.3	.1
155.	.3	.0	.0	.0	.1	.2	.1	.0
160.	.3	.0	.0	.0	.0	.1	.1	.0
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0	.0
185.	.3	.0	.0	.0	.0	.0	.0	.0
190.	.3	.0	.0	.0	.0	.0	.0	.0
195.	.3	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 NB15AM MD 26 & TRADING LANE

RUN: S37 NB15AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.3	.0	.0	.0	.0	.0	.0	.0
215.	.3	.0	.0	.1	.0	.0	.0	.0
220.	.3	.0	.1	.1	.1	.0	.0	.0
225.	.2	.1	.1	.2	.1	.0	.0	.0
230.	.2	.1	.3	.5	.3	.1	.0	.0
235.	.1	.3	.4	.7	.4	.1	.0	.0
240.	.1	.4	.7	.9	.7	.2	.0	.0
245.	.1	.5	.8	1.1	.8	.3	.0	.0
250.	.0	.6	1.0	1.3	1.0	.4	.1	.0
255.	.0	.8	1.1	1.3	1.1	.4	.1	.0
260.	.0	.9	1.1	1.3	1.1	.5	.2	.0
265.	.0	.9	1.1	1.2	1.0	.6	.2	.1
270.	.0	.9	1.1	1.2	1.0	.5	.2	.1
275.	.0	.9	1.0	1.1	.9	.5	.2	.1
280.	.0	.9	1.0	1.1	.9	.5	.2	.1
285.	.0	.9	1.0	1.0	.9	.5	.2	.1
290.	.0	.9	.9	1.0	.8	.5	.2	.1
295.	.0	.8	.9	1.0	.8	.4	.2	.1
300.	.0	.8	.9	.9	.7	.4	.2	.1
305.	.0	.8	.9	.9	.7	.3	.2	.1
310.	.0	.8	.8	.9	.6	.2	.2	.3
315.	.0	.8	.8	.9	.6	.3	.2	.3
320.	.0	.8	.8	.9	.5	.2	.2	.4
325.	.0	.8	.8	.9	.4	.2	.3	.4
330.	.0	.8	.9	.9	.4	.3	.3	.5
335.	.0	.8	.8	.9	.5	.3	.3	.5
340.	.0	.8	.8	.9	.5	.4	.4	.6
345.	.0	.8	.8	.9	.3	.3	.5	.6
350.	.0	.8	.8	.9	.3	.3	.6	.6
355.	.0	.7	.9	1.0	.3	.3	.5	.6
360.	.0	.7	.9	1.0	.3	.3	.6	.5

MAX DEGR.	90	35	40	250	255	30	10	340
1.0	1.1	1.3	1.1	.8	.7	.6		

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 255 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC24.
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 40 DEGREES FROM REC23.

1

JOB: S37 NB15AM MD 26 & TRADING LANE

RUN: S37 NB15AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/27/2006 TIME: 23:41:45.27

S37NB15A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		295	285	255	240	240	240	265	215	185	165	145	220	185	160	95	140	85	10	65	110
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.1	.2	.3	.3	.3	.2	.0	.1	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.2	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	
10	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.1	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	
19	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.1	.5	.4	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.2	.6	.5	.1	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1	

1

JOB: S37 NB15AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:41:45.27

RUN: S37 NB15AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 35	REC23 40	REC24 250	REC25 255	REC26 30	REC27 10	REC28 340
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.0	.0	.0
4	*	.2	.8	.8	1.1	.9	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.0	.0	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.0	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.2	.2	.1
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.1	.0	.0	.3	.3	.3

S37NB15P.DAT

S37	NB15AM	MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	203483.	648873.	5.
REC 2	164'	SE CORNER	203356.	649011.	5.
REC 3	82'	SE CORNER	203302.	649101.	5.
REC 4		SE CORNER	203296.	649131.	5.
REC 5	82'	ES CORNER	203333.	649171.	5.
REC 6	164'	ES CORNER	203393.	649200.	5.
REC 7	400'	ES CORNER	203577.	649288.	5.
REC 8	400'	EN CORNER	203507.	649469.	5.
REC 9	164'	EN CORNER	203307.	649352.	5.
REC 10	82'	EN CORNER	203226.	649298.	5.
REC 11		NE CORNER	203187.	649280.	5.
REC 12	82'	NE CORNER	203157.	649308.	5.
REC 13	164'	NE CORNE	203110.	649380.	5.
REC 14	400'	NE CORNE	202935.	649558.	5.
REC 15	400'	NW CORNE	202871.	649514.	5.
REC 16	184'	NW CORNE	203029.	649343.	5.
REC 17	84'	NW CORNER	203070.	649277.	5.
REC 18		NW CORNER	203088.	649229.	5.
REC 19	82'	WN CORNER	203045.	649194.	5.
REC 20	164'	WN CORNE	202969.	649146.	5.
REC 21	400'	WN CORNE	202836.	649072.	5.
REC 22	400'	WS CORNE	202866.	648887.	5.
REC 23	164'	WS CORNE	203045.	648995.	5.
REC 24	82'	WS CORNER	203111.	649039.	5.
REC 25		SW CORNER	203172.	649066.	5.
REC 26	82'	SW CORNER	203204.	649038.	5.
REC 27	164'	SW CORNE	203250.	648957.	5.
REC 28	400'	SW CORNE	203325.	648845.	5.

S37 NB15AM MD26 & TRADING 35 1 1

1		MD26 EBL	AG203198.649156.202877.648965.	25 3.7	0. 44.	50.
2		MD26 EBL	AG203133.649117.202990.649032.	0. 24	2	
150	139		4.0 25 32.2 1717 2 3			
1		MD26 EBT	AG203213.649126.202884.648933.	1475 3.7	0. 56.	50.
2		MD26 EBT	AG203152.649090.202978.648989.	0. 36	3	
150	112		4.0 1475 32.2 1707 2 3			
1		MD26 EB	ALAG202873.648935.202352.648620.	1500 3.7	0. 68.	50.
1		MD26 EB	DPAG204099.649570.203775.649444.	2825 3.7	0. 56.	50.
0		MD26 EB	DPAG203775.649444.203524.649317.	2825 3.7	0. 56.	50.
0		MD26 EB	DPAG203524.649317.203212.649131.	2825 3.7	0. 56.	50.
1		MD26 WBL	AG203180.649199.203518.649418.	600 3.7	0. 44.	50.
2		MD26 WBL	AG203227.649229.203401.649342.	0. 24	2	
150	128		4.0 600 32.2 1717 2 3			
1		MD26 WBT	AG203153.649221.203507.649438.	1225 3.7	0. 56.	50.
2		MD26 WBT	AG203211.649256.203408.649378.	0. 36	3	
150	97		4.0 1225 32.2 1685 2 3			
1		MD26 WB	ALAG203518.649434.203735.649557.	1250 3.7	0. 56.	50.
0		MD26 WB	ALAG203735.649557.203891.649627.	1250 3.7	0. 56.	50.
0		MD26 WB	ALAG203891.649627.204047.649673.	1250 3.7	0. 56.	50.
1		MD26 WB	DPAG202306.648692.203156.649219.	1200 3.7	0. 56.	50.
1		Trade NBL	AG203186.649183.203397.648846.	550 3.7	0. 44.	50.
2		Trade NBL	AG203231.649112.203325.648961.	0. 24	2	
150	116		4.0 550 32.2 1717 2 3			
0		Trade NBT	AG203207.649190.203417.648861.	1950 3.7	0. 56.	50.
2		Trade NBT	AG203252.649119.203369.648936.	0. 36	3	
150	62		4.0 1950 32.2 1707 2 3			
1		TradeNBALLAG	203419.648857.203870.648467.	2500 3.7	0. 44.	50.
1		Trade NBDPAG	202549.649963.202799.649642.	250 3.7	0. 44.	50.
0		Trade NBDPAG	202799.649642.203040.649444.	250 3.7	0. 44.	50.
0		Trade NBDPAG	203040.649444.203208.649191.	250 3.7	0. 44.	50.
1		Trade SBL	AG203183.649184.203039.649412.	25 3.7	0. 44.	50.
2		Trade SBL	AG203132.649265.203056.649385.	0. 24	2	
150	140		4.0 25 32.2 1717 2 3			
1		Trade SBT	AG203159.649184.203022.649400.	200 3.7	0. 56.	50.
2		Trade SBT	G203118.649249.203036.649377.	0. 36	3	
150	90		4.0 200 32.2 1707 2 3			
1		TradeSBALLAG	203016.649412.202823.649571.	225 3.7	0. 44.	50.
0		TradeSBALLAG	202823.649571.202686.649728.	225 3.7	0. 44.	50.
0		TradeSBALLAG	202686.649728.202523.649939.	225 3.7	0. 44.	50.
1		Trade SBDPAG	203852.648449.203638.648625.	1200 3.7	0. 44.	50.
0		Trade SBDPAG	203638.648625.203464.648752.	1200 3.7	0. 44.	50.
0		Trade SBDPAG	203464.648752.203321.648882.	1200 3.7	0. 44.	50.

1
0 Trade SBDPAG203321.648882.203155.649179. 1200 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

S37B115A.DAT

S37 B115AM MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1
REC 1 400' SE CORNER	203483. 648873. 5.		
REC 2 164' SE CORNER	203356. 649011. 5.		
REC 3 82' SE CORNER	203302. 649101. 5.		
REC 4 SE CORNER	203296. 649131. 5.		
REC 5 82' ES CORNER	203333. 649171. 5.		
REC 6 164' ES CORNER	203393. 649200. 5.		
REC 7 400' ES CORNER	203577. 649288. 5.		
REC 8 400' EN CORNER	203507. 649469. 5.		
REC 9 164' EN CORNER	203307. 649352. 5.		
REC 10 82' EN CORNER	203226. 649298. 5.		
REC 11 NE CORNER	203187. 649280. 5.		
REC 12 82' NE CORNER	203157. 649308. 5.		
REC 13 164' NE CORNE	203110. 649380. 5.		
REC 14 400' NE CORNE	202935. 649558. 5.		
REC 15 400' NW CORNE	202871. 649514. 5.		
REC 16 184' NW CORNE	203029. 649343. 5.		
REC 17 84' NW CORNER	203070. 649277. 5.		
REC 18 NW CORNER	203088. 649229. 5.		
REC 19 82' WN CORNER	203045. 649194. 5.		
REC 20 164' WN CORNE	202969. 649146. 5.		
REC 21 400' WN CORNE	202836. 649072. 5.		
REC 22 400' WS CORNE	202866. 648887. 5.		
REC 23 164' WS CORNE	203045. 648995. 5.		
REC 24 82' WS CORNER	203111. 649039. 5.		
REC 25 SW CORNER	203172. 649066. 5.		
REC 26 82' SW CORNER	203204. 649038. 5.		
REC 27 164' SW CORNE	203250. 648957. 5.		
REC 28 400' SW CORNE	203325. 648845. 5.		
S37 B115AM MD26 & TRADING	35 1 1		
1 MD26 EBL AG203198.649156.202877.648965.	25 3.7 0. 44.	50.	
2 MD26 EBL AG203133.649117.202990.649032.	0. 24 2		
150 139 4.0 25 32.2 1717 2 3			
1 MD26 EBT AG203213.649126.202884.648933.	575 3.7 0. 56.	50.	
2 MD26 EBT AG203152.649090.202978.648989.	0. 36 3		
150 135 4.0 575 32.2 1707 2 3			
1 MD26 EB ALAG202873.648935.202352.648620.	600 3.7 0. 68.	50.	
1 MD26 EB DPAG204099.649570.203775.649444.	600 3.7 0. 56.	50.	
0 MD26 EB DPAG203775.649444.203524.649317.	600 3.7 0. 56.	50.	
1 MD26 EB DPAG203524.649317.203212.649131.	600 3.7 0. 56.	50.	
0 MD26 WBL AG203180.649199.203518.649418.	1450 3.7 0. 44.	50.	
2 MD26 WBL AG203227.649229.203401.649342.	0. 24 2		
150 104 4.0 1450 32.2 1717 2 3			
1 MD26 WBT AG203153.649221.203507.649438.	875 3.7 0. 56.	50.	
2 MD26 WBT AG203211.649256.203408.649378.	0. 36 3		
150 94 4.0 875 32.2 1685 2 3			
1 MD26 WB ALAG203518.649434.203735.649557.	2325 3.7 0. 56.	50.	
0 MD26 WB ALAG203735.649557.203891.649627.	2325 3.7 0. 56.	50.	
1 MD26 WB ALAG203891.649627.204047.649673.	2325 3.7 0. 56.	50.	
0 MD26 WB DPAG202306.648692.203156.649219.	1450 3.7 0. 56.	50.	
1 Trade NBL AG203186.649183.203397.648846.	575 3.7 0. 44.	50.	
2 Trade NBL AG203231.649112.203325.648961.	0. 24 2		
150 129 4.0 575 32.2 1717 2 3			
0 Trade NBT AG203207.649190.203417.648861.	450 3.7 0. 56.	50.	
2 Trade NBT AG203252.649119.203369.648936.	0. 36 3		
150 124 4.0 450 32.2 1707 2 3			
1 TradeNBALLAG203419.648857.203870.648467.	1025 3.7 0. 44.	50.	
1 Trade NBDPAG202549.649963.202799.649642.	225 3.7 0. 44.	50.	
0 Trade NBDPAG202799.649642.203040.649444.	225 3.7 0. 44.	50.	
1 Trade NBDPAG203040.649444.203208.649191.	225 3.7 0. 44.	50.	
0 Trade SBL AG203183.649184.203039.649412.	25 3.7 0. 44.	50.	
2 Trade SBL AG203132.649265.203056.649385.	0. 24 2		
150 140 4.0 25 32.2 1717 2 3			
1 Trade SBT AG203159.649184.203022.649400.	275 3.7 0. 56.	50.	
2 Trade SBT G203118.649249.203036.649377.	0. 36 3		
150 90 4.0 275 32.2 1707 2 3			
1 TradeSBALLAG203016.649412.202823.649571.	300 3.7 0. 44.	50.	
0 TradeSBALLAG202823.649571.202686.649728.	300 3.7 0. 44.	50.	
1 TradeSBALLAG202686.649728.202523.649939.	300 3.7 0. 44.	50.	
0 Trade SBDPAG203852.648449.203638.648625.	1975 3.7 0. 44.	50.	
1 Trade SBDPAG203638.648625.203464.648752.	1975 3.7 0. 44.	50.	
0 Trade SBDPAG203464.648752.203321.648882.	1975 3.7 0. 44.	50.	

1
0 Trade SBDPAG203321.648882.203155.649179. 1975 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B115AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:29:16.58

RUN: S37 B115AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.7	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	160.	100.0	.0	24.0	.21 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	575.	3.7	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202213.9	648545.3	*	1085.	240. AG	233.	100.0	.0	36.0	1.87 55.1
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	600.	3.7	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	600.	3.7	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	600.	3.7	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	600.	3.7	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1450.	3.7	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	205876.3	650949.3	*	3159.	57. AG	120.	100.0	.0	24.0	1.59 160.5
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	875.	3.7	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203338.2	649334.8	*	150.	58. AG	162.	100.0	.0	36.0	.52 7.6
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2325.	3.7	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2325.	3.7	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2325.	3.7	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1450.	3.7	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	575.	3.7	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203981.2	647906.7	*	1420.	148. AG	149.	100.0	.0	24.0	1.68 72.1
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	450.	3.7	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203306.8	649033.3	*	102.	147. AG	214.	100.0	.0	36.0	.66 5.2
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1025.	3.7	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	225.	3.7	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	225.	3.7	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	225.	3.7	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.7	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.1	649272.7	*	9.	328. AG	161.	100.0	.0	24.0	.27 .5
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	275.	3.7	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203093.8	649286.7	*	45.	327. G	155.	100.0	.0	36.0	.15 2.3
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	300.	3.7	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	300.	3.7	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	300.	3.7	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1975.	3.7	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1975.	3.7	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1975.	3.7	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1975.	3.7	.0	44.0	

JOB: S37 B115AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:29:16.58

RUN: S37 B115AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	139	4.0	25	1717	32.20	2	3
4.	MD26 EBT	* 150	135	4.0	575	1707	32.20	2	3
10.	MD26 WBL	* 150	104	4.0	1450	1717	32.20	2	3
12.	MD26 WBT	* 150	94	4.0	875	1685	32.20	2	3
18.	Trade NBL	* 150	129	4.0	575	1717	32.20	2	3
20.	Trade NBT	* 150	124	4.0	450	1707	32.20	2	3
26.	Trade SBL	* 150	140	4.0	25	1717	32.20	2	3
28.	Trade SBT	* 150	90	4.0	275	1707	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B115AM MD 26 & TRADING LANE

S37B115A.OUT

RUN: S37 B115AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
10.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
15.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
20.	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
25.	.1	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
30.	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
35.	.1	.1	.1	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
40.	.1	.1	.2	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
45.	.1	.1	.1	.3	.3	.4	.3	.1	.1	.3	.1	.0	.0	.0	.0	.0	.1	.4	.2	.1
50.	.0	.1	.1	.3	.3	.3	.1	.2	.2	.3	.3	.1	.0	.0	.0	.0	.2	.5	.3	.2
55.	.0	.1	.1	.1	.2	.2	.1	.3	.4	.5	.4	.1	.1	.0	.0	.1	.2	.7	.4	.3
60.	.0	.0	.1	.1	.2	.1	.1	.5	.4	.6	.6	.2	.1	.0	.0	.1	.3	.6	.7	.4
65.	.0	.0	.0	.0	.2	.0	.0	.6	.6	.9	.8	.2	.1	.0	.0	.1	.5	.7	.6	.5
70.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	.9	.3	.1	.1	.1	.1	.6	.7	.6	.5
75.	.0	.0	.0	.0	.0	.0	.0	.6	.6	1.1	.9	.5	.1	.1	.1	.1	.8	.7	.6	.5
80.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.1	.9	.6	.1	.1	.1	.1	.8	.6	.4	.3
85.	.0	.0	.0	.0	.0	.0	.0	.6	.4	1.1	.9	.6	.1	.1	.1	.2	.9	.5	.4	.2
90.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.9	.6	.1	.1	.1	.2	.8	.5	.2	.3
95.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.9	.7	.2	.1	.2	.2	.9	.4	.2	.5
100.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.0	.9	.7	.2	.1	.2	.2	.9	.2	.3	.6
105.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.9	.8	.6	.3	.1	.2	.2	.7	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.2	.1	.2	.2	.6	.1	.5	.7
115.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.2	.1	.1	.3	.5	.3	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.9	.7	.5	.2	.1	.1	.2	.5	.4	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.7	.5	.2	.0	.1	.1	.5	.4	.6	.4
130.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.6	.5	.2	.0	.2	.3	.7	.5	.6	.4
135.	.1	.1	.1	.0	.0	.0	.0	.4	.8	.9	.6	.5	.3	.1	.2	.4	.7	.6	.5	.4
140.	.2	.2	.1	.1	.0	.0	.0	.4	.8	1.0	.7	.6	.3	.1	.1	.5	.7	.6	.7	.5
145.	.3	.3	.2	.2	.1	.0	.0	.4	.8	1.0	.7	.6	.3	.1	.1	.4	.6	.7	.6	.5
150.	.3	.5	.5	.3	.1	.1	.0	.4	.9	1.2	.7	.6	.4	.1	.2	.4	.6	.5	.5	.4
155.	.4	.5	.5	.4	.2	.1	.0	.4	.9	1.2	.7	.6	.4	.2	.2	.5	.4	.4	.5	.4
160.	.4	.6	.7	.4	.2	.1	.0	.3	.9	1.2	.6	.6	.3	.2	.1	.3	.4	.4	.3	.3
165.	.4	.6	.9	.6	.2	.1	.1	.5	.9	1.3	.6	.4	.3	.1	.1	.2	.2	.3	.3	.3
170.	.4	.5	.9	.8	.2	.1	.1	.5	1.0	1.1	.5	.2	.4	.1	.1	.2	.3	.3	.3	.3
175.	.4	.5	1.0	.8	.2	.1	.1	.5	1.1	1.0	.4	.2	.2	.1	.1	.2	.3	.3	.4	.5
180.	.4	.5	1.1	.9	.3	.1	.1	.6	1.1	1.0	.5	.2	.3	.1	.1	.3	.3	.3	.4	.5
185.	.4	.5	1.1	.9	.4	.1	.1	.5	1.2	1.0	.4	.3	.3	.1	.1	.3	.3	.3	.5	.5
190.	.4	.6	1.2	1.0	.5	.1	.1	.5	1.2	.9	.3	.3	.4	.1	.1	.3	.3	.4	.5	.5
195.	.4	.5	1.1	.9	.5	.1	.1	.5	1.2	.8	.4	.3	.4	.1	.1	.3	.3	.5	.5	.5
200.	.4	.5	1.1	.8	.5	.2	.1	.6	1.2	.7	.5	.5	.4	.1	.1	.3	.3	.5	.5	.5
205.	.4	.5	1.1	.8	.5	.3	.1	.6	1.1	.8	.4	.5	.3	.1	.1	.3	.3	.5	.5	.5

1

JOB: S37 B115AM MD 26 & TRADING LANE

RUN: S37 B115AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	.5	1.0	.8	.6	.3	.1	.6	.9	.8	.5	.5	.3	.1	.1	.3	.3	.5	.5	.5
215.	.4	.4	1.0	.8	.6	.3	.1	.6	1.0	.7	.5	.6	.3	.1	.1	.3	.3	.5	.5	.5
220.	.4	.4	.9	.8	.5	.4	.1	.7	1.1	.7	.6	.6	.3	.0	.0	.2	.3	.5	.5	.5
225.	.4	.5	1.1	.9	.5	.5	.1	.6	1.0	.6	.6	.6	.2	.0	.0	.1	.3	.5	.5	.5
230.	.4	.5	1.2	.9	.6	.5	.3	.7	.7	.5	.5	.6	.1	.0	.0	.1	.2	.4	.4	.4
235.	.4	.5	1.3	1.0	.7	.5	.3	.5	.6	.5	.5	.4	.1	.0	.0	.0	.2	.4	.4	.4
240.	.4	.6	1.4	1.1	.8	.7	.3	.5	.5	.4	.3	.4	.0	.0	.0	.0	.1	.2	.3	.3
245.	.4	.6	1.4	1.2	.9	.7	.2	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.1	.2	.1
250.	.5	.7	1.3	1.1	.7	.6	.2	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	.6	1.4	1.0	.5	.4	.2	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	.7	1.3	.8	.4	.3	.4	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.4	.8	1.2	.6	.4	.3	.4	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.4	.8	1.2	.4	.2	.1	.4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.4	.8	1.1	.4	.2	.3	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.4	.9	1.0	.3	.1	.4	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.4	1.0	.8	.3	.2	.4	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.4	1.0	.8	.3	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.4	1.0	.5	.1	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.4	1.0	.5	.1	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.5	.8	.3	.1	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.4	.8	.3	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.2	.7	.2	.2	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.5	.1	.3	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.5	.2	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.0	.3	.3	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
335.	.0	.3	.3	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.0	.3	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0
345.	.0	.2	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
350.	.1	.2	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.1	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
MAX	.5	1.0	1.4	1.2	.9	.7	.4	.7	1.2	1.3	.9	.7	.4	.2	.2	.5	.9	.7	.7	.7
DEGR.	250	285	240	245	245	240	260	70	185	165	70	95	150	155	95	140	85	65	60	110

1

JOB: S37 B115AM MD 26 & TRADING LANE

RUN: S37 B115AM MD26 & TRADING

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.8	.9	1.0	.3	.4	.9	.8
5.	.0	.8	.9	1.0	.4	.5	.9	.8
10.	.0	.8	1.0	.9	.5	.7	.9	.7
15.	.0	.8	1.0	.9	.6	.8	.9	.7
20.	.0	.9	1.0	1.1	.6	.8	.9	.5
25.	.0	.9	.9	1.2	.6	.8	.8	.5
30.	.0	.9	1.1	1.3	.6	.9	.7	.5
35.	.0	1.1	1.1	1.2	.7	.7	.7	.5
40.	.0	1.1	1.3	1.3	.8	.8	.6	.5
45.	.0	1.0	1.2	1.2	.8	.9	.6	.5
50.	.1	.9	1.0	.9	.7	.8	.6	.5
55.	.2	.8	.9	1.0	.6	.8	.5	.4
60.	.2	.7	.8	.8	.6	.8	.4	.4
65.	.2	.4	.7	.7	.7	.7	.4	.4
70.	.3	.3	.4	.4	.6	.7	.4	.4
75.	.4	.2	.4	.5	.7	.7	.4	.5
80.	.3	.2	.3	.4	.7	.7	.4	.5
85.	.3	.1	.3	.3	.7	.6	.4	.5
90.	.5	.1	.2	.3	.6	.6	.4	.5
95.	.5	.1	.2	.3	.6	.6	.4	.6
100.	.5	.1	.2	.4	.6	.7	.5	.7
105.	.5	.1	.2	.3	.6	.7	.6	.7
110.	.5	.1	.1	.3	.5	.6	.6	.7
115.	.4	.1	.1	.3	.6	.6	.6	.8
120.	.4	.1	.1	.3	.5	.6	.7	.8
125.	.4	.1	.1	.3	.5	.6	.8	.8
130.	.4	.1	.1	.3	.5	.6	.8	.6
135.	.4	.0	.1	.2	.5	.7	.7	.6
140.	.3	.0	.1	.1	.5	.7	.6	.4
145.	.3	.0	.1	.1	.3	.6	.5	.3
150.	.3	.0	.0	.1	.2	.4	.5	.3
155.	.3	.0	.0	.0	.2	.3	.2	.1
160.	.3	.0	.0	.0	.0	.2	.2	.1
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0
180.	.3	.0	.0	.0	.0	.0	.0	.0
185.	.5	.0	.0	.0	.0	.0	.0	.0
190.	.5	.0	.0	.0	.0	.0	.0	.0
195.	.5	.0	.0	.0	.0	.0	.0	.0
200.	.5	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B115AM MD 26 & TRADING LANE

RUN: S37 B115AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.1	.0	.0	.0	.0
215.	.5	.0	.0	.1	.0	.0	.0	.0
220.	.5	.1	.1	.2	.1	.0	.0	.0
225.	.4	.2	.2	.3	.2	.0	.0	.0
230.	.4	.3	.4	.6	.3	.1	.0	.0
235.	.2	.5	.7	.8	.6	.2	.0	.0
240.	.2	.7	.8	1.1	.8	.3	.1	.0
245.	.1	.9	1.0	1.3	1.0	.4	.1	.0
250.	.0	1.0	1.2	1.4	1.2	.5	.2	.1
255.	.0	1.1	1.3	1.5	1.2	.6	.2	.1
260.	.0	1.1	1.2	1.4	1.1	.6	.3	.1
265.	.0	1.1	1.2	1.3	1.1	.6	.3	.2
270.	.0	1.0	1.1	1.2	1.0	.6	.3	.2
275.	.0	1.0	1.1	1.2	1.0	.6	.3	.2
280.	.0	1.0	1.0	1.1	.9	.5	.3	.2
285.	.0	.9	1.0	1.1	.9	.5	.2	.2
290.	.0	.9	1.0	1.0	.8	.5	.2	.2
295.	.0	.9	.9	1.0	.8	.4	.2	.2
300.	.0	.9	.9	1.0	.8	.4	.2	.1
305.	.0	.8	.9	.9	.7	.4	.2	.1
310.	.0	.8	.9	.9	.7	.3	.2	.3
315.	.0	.8	.9	.9	.6	.4	.3	.3
320.	.0	.8	.9	.9	.5	.4	.2	.4
325.	.0	.8	.9	1.0	.5	.3	.3	.4
330.	.0	.8	.9	1.0	.4	.3	.3	.5
335.	.0	.8	.9	1.0	.4	.2	.3	.6
340.	.0	.8	.9	.9	.4	.3	.4	.7
345.	.0	.8	.9	.9	.3	.3	.5	.7
350.	.0	.8	.9	.9	.2	.3	.5	.7
355.	.0	.8	.9	.9	.3	.3	.7	.8
360.	.0	.8	.9	1.0	.3	.4	.9	.8

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 255 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 240 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 165 DEGREES FROM REC10.

1

JOB: S37 B115AM MD 26 & TRADING LANE

RUN: S37 B115AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/27/2006 TIME: 23:29:16.58

S37B115A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 250	REC2 285	REC3 240	REC4 245	REC5 245	REC6 240	REC7 260	REC8 70	REC9 185	REC10 165	REC11 70	REC12 95	REC13 150	REC14 155	REC15 95	REC16 140	REC17 85	REC18 65	REC19 60	REC20 110
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.1	.2	.3	.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.3	.2	.0	.0	.1	.0	.1	.2	.2	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.5	.5	.4	.3	.0	.0	.0	.0	.2	.2	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.2	.3	.3	.2	.1	.1	.0	.0	.1	.2	.0	.0	.2	.1	.0	.2	.0	.0	.0	.1
19	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.2	.6	.4	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1
21	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1

1

JOB: S37 B115AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:29:16.58

RUN: S37 B115AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 35	REC23 40	REC24 255	REC25 250	REC26 45	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.0	.0	.0
4	*	.2	.9	.8	1.3	1.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.0	.0	.0	.0	.0
10	*	.0	.0	.1	.0	.0	.2	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.0	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.0	.0	.0	.0	.2	.2	.3
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.3	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.2
35	*	.0	.0	.1	.0	.0	.2	.3	.1

S37B115P.DAT

S37 B115PM MD 26 & TRADING LANE 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	203483.	648873.	5.				
REC 2	164'	SE CORNER	203356.	649011.	5.				
REC 3	82'	SE CORNER	203302.	649101.	5.				
REC 4		SE CORNER	203296.	649131.	5.				
REC 5	82'	ES CORNER	203333.	649171.	5.				
REC 6	164'	ES CORNER	203393.	649200.	5.				
REC 7	400'	ES CORNER	203577.	649288.	5.				
REC 8	400'	EN CORNER	203507.	649469.	5.				
REC 9	164'	EN CORNER	203307.	649352.	5.				
REC 10	82'	EN CORNER	203226.	649298.	5.				
REC 11		NE CORNER	203187.	649280.	5.				
REC 12	82'	NE CORNER	203157.	649308.	5.				
REC 13	164'	NE CORNE	203110.	649380.	5.				
REC 14	400'	NE CORNE	202935.	649558.	5.				
REC 15	400'	NW CORNE	202871.	649514.	5.				
REC 16	184'	NW CORNE	203029.	649343.	5.				
REC 17	84'	NW CORNER	203070.	649277.	5.				
REC 18		NW CORNER	203088.	649229.	5.				
REC 19	82'	WN CORNER	203045.	649194.	5.				
REC 20	164'	WN CORNE	202969.	649146.	5.				
REC 21	400'	WN CORNE	202836.	649072.	5.				
REC 22	400'	WS CORNE	202866.	648887.	5.				
REC 23	164'	WS CORNE	203045.	648995.	5.				
REC 24	82'	WS CORNER	203111.	649039.	5.				
REC 25		SW CORNER	203172.	649066.	5.				
REC 26	82'	SW CORNER	203204.	649038.	5.				
REC 27	164'	SW CORNE	203250.	648957.	5.				
REC 28	400'	SW CORNE	203325.	648845.	5.				
S37	B115PM	MD26 & TRADING				35	1	1	
1		MD26 EBL	AG203198.649156.202877.648965.			25	3.7	0.44.	50.
2		MD26 EBL	AG203133.649117.202990.649032.			0.	24	2	
150		139	4.0 25 32.2 1717 2 3						
1		MD26 EBT	AG203213.649126.202884.648933.			1550	3.7	0.56.	50.
2		MD26 EBT	AG203152.649090.202978.648989.			0.	36	3	
150		109	4.0 1550 32.2 1707 2 3						
1		MD26 EB	ALAG202873.648935.202352.648620.			1575	3.7	0.68.	50.
1		MD26 EB	DPAG204099.649570.203775.649444.			2800	3.7	0.56.	50.
0		MD26 EB	DPAG203775.649444.203524.649317.			2800	3.7	0.56.	50.
1		MD26 EB	DPAG203524.649317.203212.649131.			2800	3.7	0.56.	50.
0		MD26 WBL	AG203180.649199.203518.649418.			550	3.7	0.44.	50.
2		MD26 WBL	AG203227.649229.203401.649342.			0.	24	2	
150		129	4.0 550 32.2 1717 2 3						
1		MD26 WBT	AG203153.649221.203507.649438.			725	3.7	0.56.	50.
2		MD26 WBT	AG203211.649256.203408.649378.			0.	36	3	
150		95	4.0 725 32.2 1685 2 3						
1		MD26 WB	ALAG203518.649434.203735.649557.			1275	3.7	0.56.	50.
1		MD26 WB	ALAG203735.649557.203891.649627.			1275	3.7	0.56.	50.
0		MD26 WB	ALAG203891.649627.204047.649673.			1275	3.7	0.56.	50.
1		MD26 WB	DPAG202306.648692.203156.649219.			1275	3.7	0.56.	50.
1		Trade NBL	AG203186.649183.203397.648846.			550	3.7	0.44.	50.
2		Trade NBL	AG203231.649112.203325.648961.			0.	24	2	
150		116	4.0 550 32.2 1717 2 3						
0		Trade NBT	AG203207.649190.203417.648861.			1875	3.7	0.56.	50.
2		Trade NBT	AG203252.649119.203369.648936.			0.	36	3	
150		64	4.0 1875 32.2 1707 2 3						
1		TradeNBALLAG	203419.648857.203870.648467.			2425	3.7	0.44.	50.
1		Trade NBDPAG	202549.649963.202799.649642.			275	3.7	0.44.	50.
1		Trade NBDPAG	202799.649642.203040.649444.			275	3.7	0.44.	50.
0		Trade NBDPAG	203040.649444.203208.649191.			275	3.7	0.44.	50.
1		Trade SBL	AG203183.649184.203039.649412.			25	3.7	0.44.	50.
2		Trade SBL	AG203132.649265.203056.649385.			0.	24	2	
150		140	4.0 25 32.2 1717 2 3						
1		Trade SBT	AG203159.649184.203022.649400.			200	3.7	0.56.	50.
2		Trade SBT	G203118.649249.203036.649377.			0.	36	3	
150		90	4.0 200 32.2 1707 2 3						
1		TradeSBALLAG	203016.649412.202823.649571.			225	3.7	0.44.	50.
1		TradeSBALLAG	202823.649571.202686.649728.			225	3.7	0.44.	50.
0		TradeSBALLAG	202686.649728.202523.649939.			225	3.7	0.44.	50.
1		Trade SBDPAG	203852.648449.203638.648625.			1150	3.7	0.44.	50.
1		Trade SBDPAG	203638.648625.203464.648752.			1150	3.7	0.44.	50.
0		Trade SBDPAG	203464.648752.203321.648882.			1150	3.7	0.44.	50.
1									

Page 1

1
0 Trade SBDPAG203321.648882.203155.649179. 1150 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B115PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:32:27.50

RUN: S37 B115PM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.7	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	160.	100.0	.0	24.0	.21 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1550.	3.7	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	201809.5	648310.4	*	1552.	240. AG	188.	100.0	.0	36.0	1.30 78.9
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1575.	3.7	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	2800.	3.7	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	2800.	3.7	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	2800.	3.7	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	550.	3.7	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	204308.9	649931.5	*	1290.	57. AG	149.	100.0	.0	24.0	1.61 65.5
11.	MD26 WBL	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	725.	3.7	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203317.4	649321.9	*	125.	58. AG	164.	100.0	.0	36.0	.44 6.4
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1275.	3.7	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1275.	3.7	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1275.	3.7	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1275.	3.7	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	550.	3.7	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203326.6	648958.4	*	181.	148. AG	134.	100.0	.0	24.0	.86 9.2
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	1875.	3.7	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203369.8	648934.7	*	219.	147. AG	111.	100.0	.0	36.0	.69 11.1
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	2425.	3.7	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	275.	3.7	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	275.	3.7	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	275.	3.7	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.7	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.1	649272.7	*	9.	328. AG	161.	100.0	.0	24.0	.27 .5
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	200.	3.7	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203100.5	649276.4	*	32.	327. G	155.	100.0	.0	36.0	.11 1.6
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	225.	3.7	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	225.	3.7	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	225.	3.7	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1150.	3.7	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1150.	3.7	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1150.	3.7	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1150.	3.7	.0	44.0	

JOB: S37 B115PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:32:27.50

RUN: S37 B115PM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	139	4.0	25	1717	32.20	2	3
4.	MD26 EBT	* 150	109	4.0	1550	1707	32.20	2	3
10.	MD26 WBL	* 150	129	4.0	550	1717	32.20	2	3
12.	MD26 WBT	* 150	95	4.0	725	1685	32.20	2	3
18.	Trade NBL	* 150	116	4.0	550	1717	32.20	2	3
20.	Trade NBT	* 150	64	4.0	1875	1707	32.20	2	3
26.	Trade SBL	* 150	140	4.0	25	1717	32.20	2	3
28.	Trade SBT	* 150	90	4.0	200	1707	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B115PM MD 26 & TRADING LANE

S37B115P.OUT

RUN: S37 B115PM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.4	.6	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
5.	.1	.2	.4	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.1	.2	.4	.6	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
15.	.1	.2	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
20.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
25.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
30.	.1	.2	.4	.5	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
35.	.1	.2	.4	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
40.	.0	.2	.4	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
45.	.0	.1	.4	.6	.8	.7	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	.1	.0
50.	.0	.1	.3	.6	.8	.6	.4	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.5	.3	.1
55.	.0	.0	.3	.4	.6	.5	.4	.3	.3	.4	.4	.1	.0	.0	.0	.0	.1	.5	.3	.3
60.	.0	.0	.1	.3	.6	.5	.2	.4	.3	.6	.5	.1	.1	.0	.0	.1	.1	.6	.5	.4
65.	.0	.0	.0	.2	.4	.2	.2	.4	.4	.7	.7	.2	.1	.0	.0	.1	.2	.5	.5	.4
70.	.0	.0	.0	.1	.2	.2	.2	.6	.4	.9	.7	.3	.1	.0	.0	.1	.4	.7	.6	.5
75.	.0	.0	.0	.0	.1	.1	.0	.7	.5	.9	.9	.3	.1	.0	.0	.1	.4	.7	.5	.4
80.	.0	.0	.0	.0	.1	.0	.0	.7	.5	1.1	1.1	.5	.1	.1	.1	.1	.4	.5	.4	.4
85.	.0	.0	.0	.0	.1	.0	.0	.6	.5	1.1	1.1	.7	.1	.1	.1	.1	.6	.6	.3	.3
90.	.0	.0	.0	.0	.1	.0	.0	.7	.5	1.1	1.0	.6	.1	.1	.1	.2	.6	.5	.3	.3
95.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	1.0	.6	.1	.1	.1	.3	.7	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	1.0	.7	.2	.1	.1	.3	.7	.3	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.8	.7	.3	.1	.1	.3	.6	.3	.3	.7
110.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.0	.8	.6	.3	.1	.1	.3	.5	.3	.6	.6
115.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.8	.6	.3	.1	.1	.3	.4	.3	.6	.7
120.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.9	.7	.6	.3	.1	.1	.4	.5	.5	.6	.4
125.	.1	.0	.0	.0	.0	.0	.0	.5	.4	.9	.7	.5	.3	.1	.0	.2	.5	.6	.7	.4
130.	.1	.2	.0	.0	.0	.0	.0	.5	.4	.9	.7	.5	.3	.0	.0	.3	.6	.5	.8	.4
135.	.2	.2	.2	.1	.0	.0	.0	.5	.4	.9	.6	.5	.3	.0	.0	.3	.7	.6	.5	.4
140.	.2	.2	.3	.2	.0	.0	.0	.5	.5	.9	.7	.6	.4	.0	.0	.4	.6	.6	.3	.4
145.	.2	.3	.4	.3	.1	.0	.0	.5	.5	.9	.8	.7	.4	.0	.0	.3	.6	.6	.4	.4
150.	.2	.4	.5	.3	.1	.1	.0	.5	.5	1.2	.7	.5	.4	.0	.1	.1	.4	.5	.4	.4
155.	.2	.4	.6	.5	.1	.1	.0	.5	.6	1.2	.7	.4	.3	.0	.1	.1	.3	.4	.4	.4
160.	.3	.6	.7	.5	.2	.1	.0	.5	.6	1.2	.7	.5	.2	.1	.1	.1	.3	.3	.4	.4
165.	.3	.6	.7	.5	.2	.1	.0	.5	.7	1.2	.6	.4	.1	.1	.1	.1	.3	.3	.4	.4
170.	.3	.6	.9	.6	.2	.1	.0	.4	.9	1.1	.6	.2	.2	.1	.1	.1	.3	.4	.4	.4
175.	.2	.6	.9	.7	.3	.0	.0	.5	1.1	1.2	.4	.2	.2	.1	.1	.1	.3	.4	.4	.4
180.	.2	.6	1.0	.8	.3	.1	.0	.4	1.1	1.1	.4	.2	.2	.1	.1	.2	.4	.4	.4	.4
185.	.2	.6	1.0	.8	.3	.2	.0	.5	1.1	1.0	.4	.2	.3	.1	.1	.2	.4	.4	.4	.4
190.	.2	.6	.8	.8	.4	.2	.0	.5	1.2	.9	.4	.3	.3	.1	.1	.2	.4	.4	.5	.5
195.	.2	.6	.8	.8	.4	.3	.0	.5	1.1	.8	.3	.4	.3	.1	.1	.2	.4	.4	.5	.5
200.	.2	.6	.8	.8	.4	.3	.0	.5	1.0	.6	.5	.6	.2	.1	.1	.2	.3	.4	.5	.4
205.	.3	.7	.8	.8	.4	.3	.0	.6	1.1	.7	.5	.6	.2	.1	.1	.2	.3	.5	.5	.4

1

JOB: S37 B115PM MD 26 & TRADING LANE

RUN: S37 B115PM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.7	.8	.8	.4	.3	.0	.6	.9	.7	.5	.5	.3	.1	.1	.2	.3	.5	.4	.5
215.	.3	.8	.8	.8	.4	.3	.0	.7	1.0	.7	.5	.5	.3	.1	.1	.2	.3	.4	.4	.5
220.	.3	.8	.8	.8	.5	.3	.0	.7	1.0	.7	.4	.6	.2	.1	.1	.2	.3	.4	.6	.6
225.	.3	.8	.8	.8	.5	.5	.0	.8	.9	.5	.5	.6	.2	.0	.0	.1	.3	.4	.5	.5
230.	.3	.8	.9	1.0	.8	.6	.2	.5	.7	.5	.4	.6	.1	.0	.0	.1	.2	.4	.5	.5
235.	.3	.9	1.0	1.1	.9	.8	.2	.5	.6	.5	.4	.4	.1	.0	.0	.1	.2	.3	.4	.4
240.	.3	.9	1.2	1.2	1.0	.9	.3	.4	.5	.4	.3	.3	.0	.0	.0	.0	.1	.2	.2	.2
245.	.2	.9	1.2	1.2	.8	.8	.4	.4	.3	.3	.3	.1	.0	.0	.0	.0	.2	.2	.2	.2
250.	.3	1.0	1.3	1.3	1.0	.9	.3	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	1.0	1.3	1.1	.9	.9	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	1.0	1.3	1.1	.8	.7	.5	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	1.0	1.2	1.0	.7	.5	.5	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	1.1	1.2	.9	.6	.4	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	1.1	1.1	.7	.5	.5	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	1.3	1.1	.6	.5	.6	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.2	1.3	.9	.6	.4	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
290.	.4	1.3	.7	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
295.	.5	1.3	.6	.5	.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
300.	.5	1.0	.6	.5	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
305.	.4	1.0	.5	.4	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.4	1.0	.5	.4	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.8	.5	.4	.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.7	.4	.6	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.3	.5	.5	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.5	.5	.5	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.5	.5	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.4	.5	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.4	.4	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.3	.4	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.2	.2	.4	.6	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
360.	.1	.2	.4	.6	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1

JOB: S37 B115PM MD 26 & TRADING LANE

RUN: S37 B115PM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.9	.9	.3	.6	.9	.8
5.	.0	.8	.9	.8	.4	.7	.9	.8
10.	.0	.9	.9	.9	.5	.8	.9	.7
15.	.0	.9	.9	.9	.7	.7	.8	.5
20.	.0	.9	.8	1.0	.7	.8	.9	.4
25.	.0	.9	.9	1.0	.7	.8	.8	.4
30.	.0	1.0	1.0	1.1	.9	.9	.8	.4
35.	.0	1.1	1.2	1.3	.9	.9	.8	.3
40.	.0	1.1	1.2	1.4	.7	.9	.8	.3
45.	.0	1.1	1.2	1.3	.9	.9	.7	.2
50.	.1	.9	1.0	1.2	.9	.7	.7	.2
55.	.2	.9	.9	1.0	.8	.8	.6	.2
60.	.2	.7	.9	1.1	.8	.8	.6	.2
65.	.2	.4	.8	.9	.6	.6	.6	.2
70.	.3	.3	.6	.7	.6	.6	.6	.2
75.	.4	.1	.5	.6	.5	.6	.6	.3
80.	.4	.0	.3	.5	.5	.6	.4	.4
85.	.4	.0	.3	.5	.5	.6	.4	.3
90.	.4	.0	.3	.4	.6	.6	.4	.3
95.	.4	.0	.3	.4	.6	.6	.4	.3
100.	.4	.0	.0	.4	.6	.6	.5	.4
105.	.4	.0	.0	.4	.6	.7	.4	.4
110.	.4	.0	.1	.4	.5	.7	.5	.4
115.	.4	.0	.1	.5	.5	.6	.4	.4
120.	.4	.0	.1	.1	.6	.7	.4	.4
125.	.4	.0	.1	.1	.5	.6	.5	.3
130.	.4	.0	.0	.1	.5	.6	.4	.2
135.	.4	.0	.0	.0	.4	.5	.3	.2
140.	.4	.0	.0	.0	.2	.3	.3	.1
145.	.4	.0	.0	.0	.1	.2	.2	.1
150.	.4	.0	.0	.0	.1	.1	.1	.0
155.	.3	.0	.0	.0	.0	.1	.1	.0
160.	.3	.0	.0	.0	.0	.1	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B115PM MD 26 & TRADING LANE

RUN: S37 B115PM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.0	.0	.0	.0	.0
215.	.5	.0	.0	.2	.0	.0	.0	.0
220.	.5	.1	.1	.2	.1	.0	.0	.0
225.	.5	.2	.3	.4	.3	.0	.0	.0
230.	.4	.4	.4	.6	.4	.1	.0	.0
235.	.3	.6	.7	.9	.5	.2	.1	.0
240.	.2	.8	.9	1.2	.9	.3	.1	.0
245.	.2	.9	1.1	1.4	1.0	.6	.1	.1
250.	.0	1.1	1.3	1.5	1.2	.6	.2	.1
255.	.0	1.2	1.3	1.4	1.2	.5	.2	.1
260.	.0	1.1	1.1	1.4	1.2	.6	.2	.1
265.	.0	1.0	1.1	1.3	1.0	.6	.2	.1
270.	.0	1.0	1.0	1.2	1.0	.6	.2	.1
275.	.0	.9	1.0	1.2	.9	.6	.3	.1
280.	.0	.9	1.0	1.0	.9	.6	.3	.1
285.	.0	.9	.9	1.0	.9	.5	.3	.1
290.	.0	.9	.9	1.0	.8	.5	.3	.1
295.	.0	.9	.9	.9	.8	.4	.3	.1
300.	.0	.8	.9	.9	.8	.4	.3	.1
305.	.0	.8	.8	.9	.7	.3	.3	.1
310.	.0	.8	.8	.9	.7	.3	.2	.1
315.	.0	.8	.8	.9	.6	.3	.2	.2
320.	.0	.8	.8	.9	.6	.2	.3	.2
325.	.0	.8	.8	.9	.5	.3	.3	.3
330.	.0	.8	.9	.9	.5	.3	.3	.3
335.	.0	.8	.8	.9	.4	.2	.3	.6
340.	.0	.8	.8	.9	.3	.3	.3	.6
345.	.0	.8	.8	.9	.3	.3	.4	.7
350.	.0	.7	.8	.9	.3	.3	.5	.7
355.	.0	.7	.9	.9	.3	.4	.7	.8
360.	.0	.7	.9	.9	.3	.6	.9	.8

MAX DEGR.	205	255	250	250	250	30	0	0
1.50	1.2	1.3	1.5	1.2	.9	.9	.8	

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 250 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC4 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 280 DEGREES FROM REC2 .

1

JOB: S37 B115PM MD 26 & TRADING LANE

RUN: S37 B115PM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/27/2006 TIME: 23:32:27.50

S37B115P.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		295	280	250	250	240	240	10	225	190	150	80	100	140	80	80	120	95	70	130	100
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
4	*	.1	.2	.4	.4	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.3	.2	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.2	.1	.1	.1	.1	.1	.3	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.3	.1	.0	.0	.1	.1	.2	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.3	.2	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
19	*	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1
20	*	.1	.4	.3	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

1

JOB: S37 B115PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:32:27.50

RUN: S37 B115PM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 205	REC22 255	REC23 250	REC24 250	REC25 250	REC26 30	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.2	.3	.3	.0	.0	.0
4	*	.2	.8	.9	1.0	.8	.0	.0	.0
5	*	.1	.3	.1	.1	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.2	.1	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.2	.2	.1
19	*	.0	.0	.0	.0	.0	.1	.1	.1
20	*	.0	.0	.0	.0	.0	.1	.1	.2
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.0	.0	.0	.1	.2	.1

S37B215A.DAT

S37 B215AM MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1
REC 1 400' SE CORNER	203483. 648873. 5.		
REC 2 164' SE CORNER	203356. 649011. 5.		
REC 3 82' SE CORNER	203302. 649101. 5.		
REC 4 SE CORNER	203296. 649131. 5.		
REC 5 82' ES CORNER	203333. 649171. 5.		
REC 6 164' ES CORNER	203393. 649200. 5.		
REC 7 400' ES CORNER	203577. 649288. 5.		
REC 8 400' EN CORNER	203507. 649469. 5.		
REC 9 164' EN CORNER	203307. 649352. 5.		
REC 10 82' EN CORNER	203226. 649298. 5.		
REC 11 NE CORNER	203187. 649280. 5.		
REC 12 82' NE CORNER	203157. 649308. 5.		
REC 13 164' NE CORNE	203110. 649380. 5.		
REC 14 400' NE CORNE	202935. 649558. 5.		
REC 15 400' NW CORNE	202871. 649514. 5.		
REC 16 184' NW CORNE	203029. 649343. 5.		
REC 17 84' NW CORNER	203070. 649277. 5.		
REC 18 NW CORNER	203088. 649229. 5.		
REC 19 82' WN CORNER	203045. 649194. 5.		
REC 20 164' WN CORNE	202969. 649146. 5.		
REC 21 400' WN CORNE	202836. 649072. 5.		
REC 22 400' WS CORNE	202866. 648887. 5.		
REC 23 164' WS CORNE	203045. 648995. 5.		
REC 24 82' WS CORNER	203111. 649039. 5.		
REC 25 SW CORNER	203172. 649066. 5.		
REC 26 82' SW CORNER	203204. 649038. 5.		
REC 27 164' SW CORNE	203250. 648957. 5.		
REC 28 400' SW CORNE	203325. 648845. 5.		
S37 B215AM MD26 & TRADING	35 1 1		
1 MD26 EBL AG203198.649156.202877.648965.	25 3.7 0. 44.	50.	
2 MD26 EBL AG203133.649117.202990.649032.	0. 24 2		
150 139 4.0 25 32.2 1717 2 3			
1 MD26 EBT AG203213.649126.202884.648933.	550 3.7 0. 56.	50.	
2 MD26 EBT AG203152.649090.202978.648989.	0. 36 3		
150 137 4.0 550 32.2 1707 2 3			
1 MD26 EB ALAG202873.648935.202352.648620.	575 3.7 0. 68.	50.	
1 MD26 EB DPAG204099.649570.203775.649444.	575 3.7 0. 56.	50.	
0 MD26 EB DPAG203775.649444.203524.649317.	575 3.7 0. 56.	50.	
0 MD26 EB DPAG203524.649317.203212.649131.	575 3.7 0. 56.	50.	
1 MD26 WBL AG203180.649199.203518.649418.	1450 3.7 0. 44.	50.	
2 MD26 WBL AG203227.649229.203401.649342.	0. 24 2		
150 103 4.0 1450 32.2 1717 2 3			
1 MD26 WBT AG203153.649221.203507.649438.	875 3.7 0. 56.	50.	
2 MD26 WBT AG203211.649256.203408.649378.	0. 36 3		
150 94 4.0 875 32.2 1685 2 3			
1 MD26 WB ALAG203518.649434.203735.649557.	2325 3.7 0. 56.	50.	
0 MD26 WB ALAG203735.649557.203891.649627.	2325 3.7 0. 56.	50.	
0 MD26 WB ALAG203891.649627.204047.649673.	2325 3.7 0. 56.	50.	
1 MD26 WB DPAG202306.648692.203156.649219.	1450 3.7 0. 56.	50.	
1 Trade NBL AG203186.649183.203397.648846.	575 3.7 0. 44.	50.	
2 Trade NBL AG203231.649112.203325.648961.	0. 24 2		
150 128 4.0 575 32.2 1717 2 3			
0 Trade NBT AG203207.649190.203417.648861.	450 3.7 0. 56.	50.	
2 Trade NBT AG203252.649119.203369.648936.	0. 36 3		
150 123 4.0 450 32.2 1707 2 3			
1 TradeNBALLAG203419.648857.203870.648467.	1025 3.7 0. 44.	50.	
1 Trade NBDPAG202549.649963.202799.649642.	225 3.7 0. 44.	50.	
0 Trade NBDPAG202799.649642.203040.649444.	225 3.7 0. 44.	50.	
0 Trade NBDPAG203040.649444.203208.649191.	225 3.7 0. 44.	50.	
1 Trade SBL AG203183.649184.203039.649412.	25 3.7 0. 44.	50.	
2 Trade SBL AG203132.649265.203056.649385.	0. 24 2		
150 136 4.0 25 32.2 1717 2 3			
1 Trade SBT AG203159.649184.203022.649400.	275 3.7 0. 56.	50.	
2 Trade SBT G203118.649249.203036.649377.	0. 36 3		
150 138 4.0 275 32.2 1707 2 3			
1 TradeSBALLAG203016.649412.202823.649571.	300 3.7 0. 44.	50.	
0 TradeSBALLAG202823.649571.202686.649728.	300 3.7 0. 44.	50.	
0 TradeSBALLAG202686.649728.202523.649939.	300 3.7 0. 44.	50.	
1 Trade SBDPAG203852.648449.203638.648625.	1975 3.7 0. 44.	50.	
0 Trade SBDPAG203638.648625.203464.648752.	1975 3.7 0. 44.	50.	
0 Trade SBDPAG203464.648752.203321.648882.	1975 3.7 0. 44.	50.	

1
0 Trade SBDPAG203321.648882.203155.649179. 1975 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B215AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:35:42.87

RUN: S37 B215AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.7	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	160.	100.0	.0	24.0	.21 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	550.	3.7	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202083.3	648469.4	*	1236.	240. AG	237.	100.0	.0	36.0	2.32 62.8
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	575.	3.7	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	575.	3.7	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	575.	3.7	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	575.	3.7	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1450.	3.7	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	205772.7	650882.0	*	3035.	57. AG	119.	100.0	.0	24.0	1.55 154.2
11.	MD26 WBL	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	875.	3.7	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203338.2	649334.8	*	150.	58. AG	162.	100.0	.0	36.0	.52 7.6
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2325.	3.7	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2325.	3.7	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2325.	3.7	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1450.	3.7	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	575.	3.7	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203916.5	648010.8	*	1297.	148. AG	147.	100.0	.0	24.0	1.57 65.9
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	450.	3.7	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203306.3	649034.0	*	101.	147. AG	212.	100.0	.0	36.0	.63 5.1
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1025.	3.7	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	225.	3.7	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	225.	3.7	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	225.	3.7	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.7	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.2	649272.5	*	9.	328. AG	157.	100.0	.0	24.0	.13 .5
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	275.	3.7	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	202936.9	649531.7	*	336.	327. G	238.	100.0	.0	36.0	1.34 17.1
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	300.	3.7	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	300.	3.7	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	300.	3.7	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1975.	3.7	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1975.	3.7	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1975.	3.7	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1975.	3.7	.0	44.0	

JOB: S37 B215AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:35:42.87

RUN: S37 B215AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	139	4.0	25	1717	32.20	2	3
4.	MD26 EBT	* 150	137	4.0	550	1707	32.20	2	3
10.	MD26 WBL	* 150	103	4.0	1450	1717	32.20	2	3
12.	MD26 WBT	* 150	94	4.0	875	1685	32.20	2	3
18.	Trade NBL	* 150	128	4.0	575	1717	32.20	2	3
20.	Trade NBT	* 150	123	4.0	450	1707	32.20	2	3
26.	Trade SBL	* 150	136	4.0	25	1717	32.20	2	3
28.	Trade SBT	* 150	138	4.0	275	1707	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B215AM MD 26 & TRADING LANE

S37B215A.OUT

RUN: S37 B215AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.8	.4	.2
5.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	.7	.4	.2
10.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	.7	.4	.2
15.	.1	.1	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	.8	.7	.4	.2
20.	.1	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.3	.2
25.	.1	.1	.2	.3	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	.6	.3	.2
30.	.1	.1	.1	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	.7	.6	.3	.2
35.	.1	.1	.1	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	.5	.3	.2
40.	.1	.1	.1	.3	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	.6	.3	.2
45.	.1	.1	.1	.3	.3	.4	.3	.1	.1	.3	.1	.0	.0	.0	.0	.7	.7	.5	.2	.2
50.	.0	.1	.1	.3	.3	.3	.1	.2	.2	.3	.3	.1	.0	.0	.0	.8	.8	.7	.4	.2
55.	.0	.1	.1	.1	.2	.2	.1	.3	.4	.5	.4	.1	.1	.0	.0	.9	.8	.6	.5	.4
60.	.0	.0	.1	.1	.2	.1	.1	.5	.4	.6	.6	.2	.1	.0	.1	.9	.8	.7	.5	.4
65.	.0	.0	.0	.0	.2	.0	.0	.6	.6	.9	.8	.2	.1	.0	.1	.8	1.0	.8	.7	.5
70.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	.9	.3	.1	.1	.3	.8	1.0	.7	.6	.5
75.	.0	.0	.0	.0	.0	.0	.0	.6	.6	1.1	.9	.5	.1	.1	.3	.8	1.2	.7	.6	.5
80.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.1	.9	.6	.1	.1	.4	.8	1.2	.7	.4	.3
85.	.0	.0	.0	.0	.0	.0	.0	.6	.4	1.0	.9	.6	.1	.1	.4	1.0	1.2	.5	.4	.2
90.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.9	.6	.1	.1	.4	1.0	1.1	.5	.2	.3
95.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.9	.7	.2	.1	.6	1.0	1.2	.4	.2	.5
100.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.0	.9	.7	.2	.1	.6	1.1	1.2	.2	.3	.6
105.	.0	.0	.0	.0	.0	.0	.0	.5	.5	.9	.8	.6	.3	.1	.6	1.1	1.0	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.2	.1	.7	1.1	.9	.1	.5	.7
115.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.2	.2	.6	1.1	.8	.3	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.9	.7	.5	.2	.2	.6	1.1	.7	.4	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.7	.5	.2	.3	.6	.9	.7	.4	.6	.4
130.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.6	.5	.2	.4	.6	1.1	.9	.5	.6	.4
135.	.1	.1	.1	.0	.0	.0	.0	.4	.8	.9	.6	.5	.3	.7	.6	1.1	.9	.6	.5	.4
140.	.1	.2	.1	.1	.0	.0	.0	.4	.8	1.0	.7	.6	.3	.9	.4	1.1	.8	.6	.7	.5
145.	.3	.3	.2	.1	.1	.0	.0	.4	.8	1.0	.7	.6	.3	1.0	.3	.8	.7	.7	.6	.5
150.	.3	.5	.5	.3	.1	.1	.0	.4	.9	1.2	.7	.6	.4	1.1	.3	.7	.6	.5	.5	.4
155.	.4	.5	.5	.4	.2	.1	.0	.4	.9	1.2	.7	.6	.4	1.3	.2	.7	.5	.4	.4	.4
160.	.4	.5	.7	.4	.2	.1	.0	.3	.9	1.2	.6	.6	.4	1.1	.1	.5	.4	.4	.3	.3
165.	.4	.6	.9	.6	.2	.1	.0	.4	.9	1.3	.6	.4	.4	1.1	.1	.3	.2	.3	.3	.3
170.	.4	.5	.8	.8	.2	.1	.1	.5	1.0	1.1	.5	.2	.5	.9	.1	.3	.3	.3	.3	.4
175.	.4	.5	1.0	.8	.2	.1	.1	.5	1.1	1.0	.4	.2	.4	.8	.1	.3	.3	.3	.5	.5
180.	.4	.5	1.1	.9	.3	.1	.1	.6	1.1	1.0	.5	.2	.5	.6	.1	.3	.3	.3	.5	.5
185.	.4	.5	1.1	.9	.4	.1	.1	.5	1.2	1.0	.4	.3	.6	.5	.1	.3	.3	.3	.5	.5
190.	.4	.6	1.2	1.0	.5	.1	.1	.5	1.2	.9	.3	.3	.7	.5	.1	.3	.3	.5	.5	.5
195.	.4	.5	1.1	.8	.5	.1	.1	.5	1.2	.8	.4	.4	.7	.4	.1	.3	.3	.5	.5	.5
200.	.4	.5	1.1	.8	.5	.2	.1	.6	1.2	.7	.5	.5	.7	.3	.1	.3	.3	.5	.5	.5
205.	.4	.5	1.1	.8	.5	.3	.1	.6	1.1	.8	.4	.5	.7	.2	.1	.3	.3	.5	.5	.5

JOB: S37 B215AM MD 26 & TRADING LANE

RUN: S37 B215AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	.5	1.0	.8	.6	.3	.1	.6	.9	.8	.5	.6	.7	.2	.1	.3	.3	.5	.5	.5
215.	.4	.4	1.0	.8	.5	.3	.1	.6	1.0	.7	.5	.7	.7	.1	.1	.3	.3	.5	.5	.5
220.	.4	.4	.9	.8	.5	.4	.1	.7	1.1	.7	.6	.8	.7	.1	.1	.3	.3	.5	.5	.5
225.	.4	.5	1.1	.9	.5	.5	.2	.7	1.1	.6	.6	.7	.6	.0	.0	.1	.3	.5	.5	.5
230.	.4	.5	1.2	.9	.6	.5	.3	.7	.7	.6	.7	.8	.5	.0	.0	.1	.3	.4	.4	.4
235.	.4	.6	1.3	1.0	.7	.6	.4	.6	.7	.6	.5	.6	.5	.0	.0	.1	.2	.4	.4	.4
240.	.4	.6	1.3	1.1	.8	.7	.3	.6	.6	.4	.3	.6	.4	.0	.0	.0	.1	.2	.3	.3
245.	.4	.7	1.4	1.1	.9	.7	.2	.4	.5	.4	.4	.4	.4	.0	.0	.0	.2	.2	.2	.2
250.	.5	.7	1.3	1.1	.7	.6	.3	.2	.2	.3	.3	.4	.4	.0	.0	.0	.0	.1	.1	.1
255.	.4	.7	1.3	.9	.5	.4	.2	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0
260.	.4	.7	1.3	.8	.4	.3	.4	.1	.2	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0
265.	.4	.8	1.2	.6	.4	.3	.5	.1	.2	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0
270.	.5	.8	1.2	.4	.2	.1	.5	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0
275.	.5	.8	1.1	.4	.2	.4	.4	.1	.2	.3	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0
280.	.4	.9	1.0	.3	.2	.5	.4	.0	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0
285.	.4	1.0	.8	.3	.3	.5	.4	.0	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0
290.	.4	1.0	.8	.4	.3	.6	.3	.0	.2	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0
295.	.4	1.0	.6	.2	.5	.6	.3	.0	.1	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0
300.	.4	1.0	.6	.3	.6	.6	.2	.0	.1	.3	.4	.5	.4	.0	.0	.0	.0	.0	.0	.0
305.	.5	.9	.5	.3	.6	.6	.2	.0	.1	.2	.4	.5	.4	.0	.0	.1	.1	.0	.0	.0
310.	.5	.9	.5	.4	.6	.6	.2	.0	.0	.2	.4	.4	.3	.0	.0	.1	.1	.1	.0	.0
315.	.3	.8	.4	.4	.5	.6	.2	.0	.0	.1	.3	.3	.2	.0	.0	.2	.2	.1	.0	.0
320.	.3	.6	.3	.5	.6	.4	.2	.0	.0	.1	.2	.2	.2	.0	.0	.4	.4	.2	.0	.0
325.	.3	.6	.4	.5	.6	.4	.1	.0	.0	.0	.1	.2	.1	.0	.0	.5	.6	.3	.0	.0
330.	.1	.4	.4	.5	.5	.4	.2	.0	.0	.0	.1	.1	.1	.0	.1	.7	.8	.5	.1	.0
335.	.0	.4	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.9	.9	.6	.1	.0
340.	.0	.3	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.1	1.0	1.0	.7	.2	.0
345.	.0	.2	.3	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	.8	.3	.1
350.	.1	.2	.3	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.8	.3	.1
355.	.1	.2	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.8	.4	.1
360.	.1	.1	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.8	.4	.2
MAX	.5	1.0	1.4	1.1	.9	.7	.5	.7	1.2	1.3	.9	.8	.7	1.3	.7	1.1	1.2	.8	.7	.7
DEGR	250	285	245	240	245	240	265	70	185	165	70	220	190	155	110	100	75	0	60	110

JOB: S37 B215AM MD 26 & TRADING LANE

RUN: S37 B215AM MD26 & TRADING

PAGE 5

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.8	1.1	1.2	.4	.4	.9	.8
5.	.0	.9	1.1	1.1	.4	.5	.9	.8
10.	.1	.9	1.1	1.0	.5	.7	.9	.7
15.	.1	.9	1.1	1.0	.6	.8	.9	.7
20.	.1	1.0	1.1	1.1	.6	.8	.8	.5
25.	.1	1.0	1.0	1.2	.6	.8	.8	.5
30.	.1	1.0	1.1	1.3	.6	.9	.7	.5
35.	.1	1.2	1.1	1.2	.7	.7	.7	.5
40.	.1	1.1	1.3	1.3	.7	.7	.6	.5
45.	.1	1.0	1.2	1.2	.8	.8	.6	.5
50.	.2	1.0	1.0	.9	.7	.8	.6	.5
55.	.3	.8	.9	1.0	.5	.8	.5	.4
60.	.3	.7	.8	.8	.6	.8	.4	.4
65.	.2	.4	.7	.7	.7	.7	.4	.4
70.	.3	.3	.4	.4	.6	.7	.4	.4
75.	.4	.2	.4	.5	.7	.7	.4	.5
80.	.3	.2	.3	.3	.7	.7	.4	.5
85.	.3	.1	.3	.3	.7	.6	.4	.5
90.	.5	.1	.2	.3	.6	.6	.4	.5
95.	.5	.1	.2	.3	.6	.5	.4	.6
100.	.5	.1	.2	.3	.6	.7	.5	.7
105.	.6	.1	.2	.3	.6	.7	.6	.7
110.	.5	.1	.1	.3	.5	.6	.6	.7
115.	.5	.1	.1	.3	.6	.6	.6	.8
120.	.5	.1	.1	.3	.5	.6	.7	.8
125.	.4	.1	.1	.3	.5	.6	.8	.8
130.	.4	.0	.1	.3	.5	.6	.8	.6
135.	.4	.0	.1	.2	.5	.7	.7	.6
140.	.3	.0	.1	.1	.4	.7	.6	.4
145.	.3	.0	.0	.1	.3	.6	.5	.3
150.	.3	.0	.0	.1	.2	.4	.5	.3
155.	.3	.0	.0	.0	.2	.3	.2	.1
160.	.3	.0	.0	.0	.0	.2	.1	.1
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.5	.0	.0	.0	.0	.0	.0	.0
190.	.5	.0	.0	.0	.0	.0	.0	.0
195.	.5	.0	.0	.0	.0	.0	.0	.0
200.	.5	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B215AM MD 26 & TRADING LANE

RUN: S37 B215AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.1	.0	.0	.0	.0
215.	.5	.0	.0	.1	.0	.0	.0	.0
220.	.5	.1	.1	.2	.1	.0	.0	.0
225.	.5	.2	.2	.3	.2	.0	.0	.0
230.	.4	.3	.4	.6	.3	.1	.0	.0
235.	.3	.6	.6	.9	.6	.2	.1	.0
240.	.2	.8	.9	1.1	.8	.3	.1	.0
245.	.1	.9	1.0	1.3	1.0	.4	.2	.0
250.	.0	1.0	1.3	1.5	1.2	.5	.2	.1
255.	.0	1.2	1.3	1.5	1.2	.6	.3	.1
260.	.0	1.1	1.2	1.4	1.2	.6	.3	.2
265.	.0	1.1	1.2	1.3	1.1	.6	.3	.2
270.	.0	1.1	1.1	1.2	1.0	.6	.3	.2
275.	.0	1.0	1.1	1.2	1.0	.6	.3	.2
280.	.0	1.0	1.0	1.1	.9	.5	.3	.2
285.	.0	.9	1.0	1.1	.9	.5	.2	.2
290.	.0	.9	1.0	1.0	.8	.5	.2	.2
295.	.0	.9	.9	1.0	.8	.5	.2	.2
300.	.0	.9	.9	1.0	.8	.4	.2	.2
305.	.0	.9	.9	.9	.7	.4	.2	.1
310.	.0	.8	.9	.9	.7	.3	.2	.3
315.	.0	.8	.9	.9	.7	.5	.3	.3
320.	.0	.8	.9	.9	.6	.5	.3	.5
325.	.0	.8	.9	1.0	.7	.5	.4	.5
330.	.0	.8	.9	1.1	.6	.5	.4	.7
335.	.0	.8	.9	1.1	.7	.4	.5	.7
340.	.0	.8	1.0	1.1	.7	.5	.5	.8
345.	.0	.8	1.0	1.1	.5	.5	.6	.8
350.	.0	.8	1.0	1.1	.4	.4	.6	.7
355.	.0	.8	1.1	1.1	.4	.4	.7	.8
360.	.0	.8	1.1	1.2	.4	.4	.9	.8

MAX DEGR. * 105 35 40 250 250 30 0 0

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 250 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 245 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 165 DEGREES FROM REC10.

1

JOB: S37 B215AM MD 26 & TRADING LANE

RUN: S37 B215AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/27/2006 TIME: 23:35:42.87

S37B215A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 250	REC2 285	REC3 245	REC4 240	REC5 245	REC6 240	REC7 265	REC8 70	REC9 185	REC10 165	REC11 70	REC12 220	REC13 190	REC14 155	REC15 110	REC16 100	REC17 75	REC18 0	REC19 60	REC20 110
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.1	.2	.4	.4	.4	.3	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.0	.0	.2	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	
10	*	.0	.0	.0	.0	.0	.0	.1	.3	.2	.2	.3	.0	.0	.0	.1	.1	.2	.0	.2	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	
12	*	.0	.0	.0	.0	.0	.0	.1	.0	.5	.5	.4	.0	.0	.0	.0	.1	.1	.0	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.2	.3	.2	.2	.1	.1	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	
19	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.2	.6	.4	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
21	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	.4	1.1	.5	.9	.7	.8	.1	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	

1

JOB: S37 B215AM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:35:42.87

RUN: S37 B215AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 105	REC22 35	REC23 40	REC24 250	REC25 250	REC26 30	REC27 0	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.0	.0	.0
4	*	.3	.9	.8	1.3	1.0	.0	.0	.0
5	*	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.0	.0	.1	.0	.0
10	*	.0	.0	.1	.0	.0	.1	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.1	.0	.0	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.0	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.0	.0	.0	.0	.2	.2	.3
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.2	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.1	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.2
35	*	.0	.0	.1	.0	.0	.2	.3	.1

S37B215P.DAT

S37	B215PM	MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	203483.	648873.	5.
REC 2	164'	SE CORNER	203356.	649011.	5.
REC 3	82'	SE CORNER	203302.	649101.	5.
REC 4		SE CORNER	203296.	649131.	5.
REC 5	82'	ES CORNER	203333.	649171.	5.
REC 6	164'	ES CORNER	203393.	649200.	5.
REC 7	400'	ES CORNER	203577.	649288.	5.
REC 8	400'	EN CORNER	203507.	649469.	5.
REC 9	164'	EN CORNER	203307.	649352.	5.
REC 10	82'	EN CORNER	203226.	649298.	5.
REC 11		NE CORNER	203187.	649280.	5.
REC 12	82'	NE CORNER	203157.	649308.	5.
REC 13	164'	NE CORNE	203110.	649380.	5.
REC 14	400'	NE CORNE	202935.	649558.	5.
REC 15	400'	NW CORNE	202871.	649514.	5.
REC 16	184'	NW CORNE	203029.	649343.	5.
REC 17	84'	NW CORNER	203070.	649277.	5.
REC 18		NW CORNER	203088.	649229.	5.
REC 19	82'	WN CORNER	203045.	649194.	5.
REC 20	164'	WN CORNE	202969.	649146.	5.
REC 21	400'	WN CORNE	202836.	649072.	5.
REC 22	400'	WS CORNE	202866.	648887.	5.
REC 23	164'	WS CORNE	203045.	648995.	5.
REC 24	82'	WS CORNER	203111.	649039.	5.
REC 25		SW CORNER	203172.	649066.	5.
REC 26	82'	SW CORNER	203204.	649038.	5.
REC 27	164'	SW CORNE	203250.	648957.	5.
REC 28	400'	SW CORNE	203325.	648845.	5.

S37	B215PM	MD26 & TRADING	35	1	1

1					
2					
150	MD26 EBL	AG203198.649156.202877.648965.	25	3.7	0. 44. 50.
1					
2	MD26 EBL	AG203133.649117.202990.649032.	0.	24	2
150	139	4.0 25 32.2 1717 2 3			
1					
2	MD26 EBT	AG203213.649126.202884.648933.	1550	3.7	0. 56. 50.
150					
1	MD26 EBT	AG203152.649090.202978.648989.	0.	36	3
150	109	4.0 1550 32.2 1707 2 3			
1					
1	MD26 EB	ALAG202873.648935.202352.648620.	1575	3.7	0. 68. 50.
1					
0	MD26 EB	DPAG204099.649570.203775.649444.	2800	3.7	0. 56. 50.
0					
1	MD26 EB	DPAG203775.649444.203524.649317.	2800	3.7	0. 56. 50.
0					
1	MD26 EB	DPAG203524.649317.203212.649131.	2800	3.7	0. 56. 50.
2					
150	MD26 WBL	AG203180.649199.203518.649418.	550	3.7	0. 44. 50.
1					
2	MD26 WBL	AG203227.649229.203401.649342.	0.	24	2
150	129	4.0 550 32.2 1717 2 3			
1					
2	MD26 WBT	AG203153.649221.203507.649438.	725	3.7	0. 56. 50.
150					
1	MD26 WBT	AG203211.649256.203408.649378.	0.	36	3
150	95	4.0 725 32.2 1685 2 3			
1					
1	MD26 WB	ALAG203518.649434.203735.649557.	1275	3.7	0. 56. 50.
0					
1	MD26 WB	ALAG203735.649557.203891.649627.	1275	3.7	0. 56. 50.
0					
1	MD26 WB	ALAG203891.649627.204047.649673.	1275	3.7	0. 56. 50.
1					
1	MD26 WB	DPAG202306.648692.203156.649219.	1275	3.7	0. 56. 50.
2					
150	Trade NBL	AG203186.649183.203397.648846.	550	3.7	0. 44. 50.
1					
0	Trade NBL	AG203231.649112.203325.648961.	0.	24	2
150	116	4.0 550 32.2 1717 2 3			
1					
2	Trade NBT	AG203207.649190.203417.648861.	1900	3.7	0. 56. 50.
150					
1	Trade NBT	AG203252.649119.203369.648936.	0.	36	3
150	64	4.0 1900 32.2 1707 2 3			
1					
1	TradeNBALLAG	203419.648857.203870.648467.	2450	3.7	0. 44. 50.
1					
1	Trade NBDPAG	202549.649963.202799.649642.	300	3.7	0. 44. 50.
0					
1	Trade NBDPAG	202799.649642.203040.649444.	300	3.7	0. 44. 50.
0					
1	Trade NBDPAG	203040.649444.203208.649191.	300	3.7	0. 44. 50.
2					
150	Trade SBL	AG203183.649184.203039.649412.	25	3.7	0. 44. 50.
1					
2	Trade SBL	AG203132.649265.203056.649385.	0.	24	2
150	140	4.0 25 32.2 1717 2 3			
1					
2	Trade SBT	AG203159.649184.203022.649400.	200	3.7	0. 56. 50.
150					
1	Trade SBT	G203118.649249.203036.649377.	0.	36	3
150	91	4.0 200 32.2 1707 2 3			
1					
1	TradeSBALLAG	203016.649412.202823.649571.	225	3.7	0. 44. 50.
0					
1	TradeSBALLAG	202823.649571.202686.649728.	225	3.7	0. 44. 50.
0					
1	TradeSBALLAG	202686.649728.202523.649939.	225	3.7	0. 44. 50.
1					
1	Trade SBDPAG	203852.648449.203638.648625.	1150	3.7	0. 44. 50.
0					
1	Trade SBDPAG	203638.648625.203464.648752.	1150	3.7	0. 44. 50.
0					
1	Trade SBDPAG	203464.648752.203321.648882.	1150	3.7	0. 44. 50.

1
0 Trade SBDPAG203321.648882.203155.649179. 1150 3.7 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B215PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:38:15.90

RUN: S37 B215PM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.7	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	160.	100.0	.0	24.0	.21 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1550.	3.7	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	201809.5	648310.4	*	1552.	240. AG	188.	100.0	.0	36.0	1.30 78.9
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1575.	3.7	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	2800.	3.7	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	2800.	3.7	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	2800.	3.7	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	550.	3.7	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	204308.9	649931.5	*	1290.	57. AG	149.	100.0	.0	24.0	1.61 65.5
11.	MD26 WBL	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	725.	3.7	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203317.4	649321.9	*	125.	58. AG	164.	100.0	.0	36.0	.44 6.4
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1275.	3.7	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1275.	3.7	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1275.	3.7	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1275.	3.7	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	550.	3.7	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203326.6	648958.4	*	181.	148. AG	134.	100.0	.0	24.0	.86 9.2
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	1900.	3.7	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203371.3	648932.3	*	222.	147. AG	111.	100.0	.0	36.0	.70 11.3
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	2450.	3.7	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	300.	3.7	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	300.	3.7	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	300.	3.7	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.7	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.1	649272.7	*	9.	328. AG	161.	100.0	.0	24.0	.27 .5
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	200.	3.7	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203100.3	649276.6	*	33.	327. G	157.	100.0	.0	36.0	.11 1.7
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	225.	3.7	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	225.	3.7	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	225.	3.7	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1150.	3.7	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1150.	3.7	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1150.	3.7	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1150.	3.7	.0	44.0	

JOB: S37 B215PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:38:15.90

RUN: S37 B215PM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	139	4.0	25	1717	32.20	2	3
4.	MD26 EBT	* 150	109	4.0	1550	1707	32.20	2	3
10.	MD26 WBL	* 150	129	4.0	550	1717	32.20	2	3
12.	MD26 WBT	* 150	95	4.0	725	1685	32.20	2	3
18.	Trade NBL	* 150	116	4.0	550	1717	32.20	2	3
20.	Trade NBT	* 150	64	4.0	1900	1707	32.20	2	3
26.	Trade SBL	* 150	140	4.0	25	1717	32.20	2	3
28.	Trade SBT	* 150	91	4.0	200	1707	32.20	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B215PM MD 26 & TRADING LANE

S37B215P.OUT

RUN: S37 B215PM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.4	.6	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
5.	.1	.2	.4	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.1	.2	.4	.6	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
15.	.1	.2	.4	.5	.6	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
20.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
25.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
30.	.1	.2	.4	.5	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
35.	.1	.2	.4	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
40.	.0	.2	.4	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
45.	.0	.1	.4	.6	.8	.7	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	.1	.0
50.	.0	.1	.3	.6	.8	.6	.4	.1	.1	.3	.2	.1	.0	.0	.0	.0	.0	.5	.3	.1
55.	.0	.0	.3	.4	.6	.5	.4	.3	.3	.4	.4	.1	.0	.0	.0	.0	.1	.5	.3	.3
60.	.0	.0	.1	.3	.6	.5	.2	.4	.3	.6	.5	.1	.1	.0	.0	.1	.1	.6	.5	.4
65.	.0	.0	.0	.2	.4	.2	.2	.4	.4	.7	.7	.2	.1	.0	.0	.1	.2	.5	.5	.4
70.	.0	.0	.0	.1	.2	.2	.2	.6	.4	.9	.7	.3	.1	.0	.0	.1	.4	.7	.6	.5
75.	.0	.0	.0	.0	.1	.1	.0	.7	.5	.9	.9	.3	.1	.0	.0	.1	.4	.7	.5	.4
80.	.0	.0	.0	.0	.1	.0	.0	.7	.5	1.1	1.1	.5	.1	.1	.1	.1	.4	.5	.4	.4
85.	.0	.0	.0	.0	.1	.0	.0	.6	.5	1.1	1.1	.7	.1	.1	.1	.1	.6	.6	.3	.3
90.	.0	.0	.0	.0	.1	.0	.0	.7	.5	1.1	1.0	.6	.1	.1	.1	.2	.6	.5	.3	.3
95.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	1.0	.6	.1	.1	.1	.3	.7	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.7	.6	1.0	1.0	.7	.2	.1	.1	.3	.7	.3	.4	.7
105.	.0	.0	.0	.0	.0	.0	.0	.6	.5	1.0	.8	.7	.3	.1	.1	.3	.6	.3	.3	.7
110.	.0	.0	.0	.0	.0	.0	.0	.5	.5	1.0	.8	.6	.3	.1	.1	.3	.5	.3	.6	.6
115.	.0	.0	.0	.0	.0	.0	.0	.5	.4	1.0	.8	.6	.3	.1	.1	.3	.4	.3	.6	.7
120.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.9	.7	.6	.3	.1	.1	.4	.5	.5	.6	.4
125.	.1	.0	.0	.0	.0	.0	.0	.5	.4	.9	.7	.5	.3	.1	.0	.2	.5	.6	.7	.4
130.	.1	.2	.0	.0	.0	.0	.0	.5	.4	.9	.7	.5	.3	.0	.0	.3	.6	.5	.8	.4
135.	.2	.2	.2	.1	.0	.0	.0	.5	.4	.9	.6	.5	.3	.0	.0	.3	.7	.6	.5	.4
140.	.2	.2	.3	.2	.0	.0	.0	.5	.5	.9	.7	.6	.4	.1	.0	.4	.6	.6	.3	.4
145.	.2	.4	.4	.3	.1	.0	.0	.5	.5	1.0	.8	.7	.4	.1	.0	.3	.6	.6	.4	.4
150.	.2	.4	.5	.3	.1	.1	.0	.5	.5	1.2	.7	.5	.4	.1	.1	.1	.4	.5	.4	.4
155.	.2	.4	.6	.5	.1	.1	.0	.5	.6	1.2	.7	.4	.4	.1	.1	.1	.3	.4	.4	.4
160.	.3	.6	.7	.5	.2	.1	.0	.5	.6	1.2	.7	.5	.3	.2	.1	.1	.3	.3	.4	.4
165.	.3	.6	.7	.5	.2	.1	.0	.5	.7	1.2	.6	.4	.1	.1	.1	.1	.3	.3	.4	.4
170.	.3	.6	.9	.6	.2	.1	.0	.4	.9	1.1	.6	.2	.3	.1	.1	.1	.3	.4	.4	.4
175.	.2	.6	.9	.7	.3	.0	.0	.5	1.1	1.2	.4	.2	.3	.1	.1	.1	.3	.4	.4	.4
180.	.2	.6	1.0	.8	.3	.1	.0	.4	1.1	1.1	.4	.2	.2	.1	.1	.2	.4	.4	.4	.4
185.	.2	.6	1.0	.8	.4	.2	.0	.5	1.1	1.0	.4	.2	.3	.1	.1	.2	.4	.4	.4	.4
190.	.2	.6	.9	.8	.4	.2	.0	.5	1.2	.9	.4	.3	.3	.1	.1	.2	.4	.4	.5	.5
195.	.2	.6	.8	.8	.4	.3	.0	.5	1.1	.8	.3	.4	.3	.1	.1	.2	.4	.4	.5	.5
200.	.2	.6	.8	.8	.4	.3	.0	.5	1.0	.6	.5	.6	.2	.1	.1	.2	.3	.4	.5	.4
205.	.3	.7	.8	.8	.4	.3	.0	.6	1.1	.7	.5	.6	.2	.1	.1	.2	.3	.5	.5	.4

1

JOB: S37 B215PM MD 26 & TRADING LANE

RUN: S37 B215PM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.7	.8	.8	.4	.3	.0	.6	.9	.7	.5	.5	.3	.1	.1	.2	.3	.5	.4	.5
215.	.3	.8	.8	.8	.4	.3	.0	.7	1.0	.7	.5	.5	.3	.1	.1	.2	.3	.4	.4	.5
220.	.3	.8	.8	.8	.5	.3	.0	.7	1.0	.7	.4	.6	.2	.1	.1	.2	.3	.4	.6	.6
225.	.3	.8	.8	.8	.5	.5	.0	.8	.9	.5	.5	.6	.2	.0	.0	.1	.3	.4	.5	.5
230.	.3	.8	.9	1.0	.8	.6	.2	.5	.7	.5	.4	.6	.1	.0	.0	.1	.2	.4	.5	.5
235.	.3	.9	1.0	1.1	.9	.8	.2	.5	.6	.5	.4	.4	.1	.0	.0	.1	.2	.3	.4	.4
240.	.3	.9	1.2	1.2	1.0	.9	.3	.4	.5	.4	.3	.3	.0	.0	.0	.0	.1	.2	.2	.2
245.	.2	.9	1.2	1.2	.8	.8	.4	.4	.3	.3	.3	.1	.0	.0	.0	.0	.2	.2	.2	.2
250.	.3	1.0	1.3	1.3	1.0	.9	.3	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	1.0	1.3	1.1	.9	.9	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	1.0	1.3	1.1	.8	.7	.5	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	1.0	1.2	1.0	.7	.5	.5	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	1.1	1.2	.9	.6	.4	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.2	1.1	1.1	.7	.5	.5	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.2	1.4	1.1	.6	.5	.6	.5	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.2	1.3	.9	.6	.4	.6	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.4	1.3	.8	.5	.4	.5	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
295.	.5	1.3	.6	.5	.4	.5	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
300.	.5	1.0	.6	.5	.5	.6	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
305.	.4	1.0	.5	.4	.5	.6	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.4	1.0	.5	.4	.5	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.8	.5	.4	.5	.6	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.7	.4	.6	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.3	.5	.5	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.5	.5	.5	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.2	.5	.5	.5	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.4	.5	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
345.	.2	.4	.4	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
350.	.2	.3	.4	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.2	.2	.4	.6	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
360.	.1	.2	.4	.6	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1

JOB: S37 B215PM MD 26 & TRADING LANE

RUN: S37 B215PM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.9	.9	.3	.6	.9	.8
5.	.0	.8	.9	.8	.4	.7	.9	.8
10.	.0	.9	.9	.9	.5	.8	.9	.8
15.	.0	.9	.9	.9	.7	.7	.8	.5
20.	.0	.9	.8	1.0	.7	.8	.9	.4
25.	.0	.9	.9	1.0	.7	.8	.8	.4
30.	.0	1.0	1.0	1.1	.9	.9	.8	.4
35.	.0	1.1	1.2	1.3	.9	.9	.8	.4
40.	.0	1.1	1.2	1.4	.7	.9	.8	.3
45.	.0	1.1	1.2	1.3	.9	.9	.7	.2
50.	.1	.9	1.0	1.2	.9	.7	.7	.2
55.	.2	.9	.9	1.0	.8	.8	.6	.2
60.	.2	.7	.9	1.1	.8	.8	.6	.2
65.	.2	.4	.8	.9	.6	.6	.6	.2
70.	.3	.3	.6	.7	.6	.6	.6	.2
75.	.4	.1	.5	.6	.5	.6	.6	.3
80.	.4	.0	.3	.5	.5	.6	.4	.4
85.	.4	.0	.3	.5	.5	.6	.4	.3
90.	.4	.0	.3	.4	.6	.6	.4	.3
95.	.4	.0	.3	.4	.6	.6	.4	.3
100.	.4	.0	.0	.4	.6	.6	.5	.4
105.	.4	.0	.0	.4	.6	.7	.4	.4
110.	.4	.0	.1	.4	.5	.7	.5	.4
115.	.4	.0	.1	.5	.5	.6	.4	.4
120.	.4	.0	.1	.1	.6	.7	.4	.4
125.	.4	.0	.1	.1	.5	.6	.5	.3
130.	.4	.0	.0	.1	.5	.6	.4	.2
135.	.4	.0	.0	.0	.4	.5	.3	.2
140.	.4	.0	.0	.0	.2	.3	.3	.1
145.	.4	.0	.0	.0	.1	.2	.2	.1
150.	.4	.0	.0	.0	.1	.1	.1	.0
155.	.3	.0	.0	.0	.0	.1	.1	.0
160.	.3	.0	.0	.0	.0	.1	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B215PM MD 26 & TRADING LANE

RUN: S37 B215PM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.0	.0	.0	.0	.0
215.	.5	.0	.0	.2	.0	.0	.0	.0
220.	.5	.1	.1	.2	.1	.0	.0	.0
225.	.5	.2	.3	.4	.3	.0	.0	.0
230.	.4	.4	.4	.6	.4	.1	.0	.0
235.	.3	.6	.7	.9	.5	.2	.1	.0
240.	.2	.8	.9	1.2	.9	.3	.1	.0
245.	.2	.9	1.1	1.4	1.0	.6	.1	.1
250.	.0	1.1	1.3	1.5	1.2	.6	.2	.1
255.	.0	1.2	1.3	1.4	1.2	.5	.2	.1
260.	.0	1.1	1.1	1.4	1.2	.6	.2	.1
265.	.0	1.0	1.1	1.3	1.0	.6	.2	.1
270.	.0	1.0	1.0	1.2	1.0	.6	.2	.1
275.	.0	.9	1.0	1.2	.9	.6	.3	.1
280.	.0	.9	1.0	1.0	.9	.6	.3	.1
285.	.0	.9	.9	1.0	.9	.5	.3	.1
290.	.0	.9	.9	1.0	.8	.5	.3	.1
295.	.0	.9	.9	.9	.8	.4	.3	.1
300.	.0	.8	.9	.9	.8	.4	.3	.1
305.	.0	.8	.8	.9	.7	.3	.3	.1
310.	.0	.8	.8	.9	.7	.3	.2	.1
315.	.0	.8	.8	.9	.6	.3	.2	.2
320.	.0	.8	.8	.9	.6	.2	.3	.2
325.	.0	.8	.8	.9	.5	.3	.3	.3
330.	.0	.8	.9	.9	.5	.3	.3	.3
335.	.0	.8	.8	.9	.4	.2	.3	.6
340.	.0	.8	.8	.9	.3	.3	.3	.6
345.	.0	.8	.8	.9	.3	.3	.4	.7
350.	.0	.7	.8	.9	.3	.3	.5	.7
355.	.0	.7	.9	.9	.3	.4	.7	.8
360.	.0	.7	.9	.9	.3	.6	.9	.8

MAX DEGR.	205	255	250	250	250	30	0	0

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 250 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.40 PPM AT 280 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC4 .

1

JOB: S37 B215PM MD 26 & TRADING LANE

RUN: S37 B215PM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/27/2006 TIME: 23:38:15.90

S37B215P.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)			REC4 250	REC5 240	REC6 240	REC7 10	REC8 225	REC9 190	REC10 150	REC11 80	REC12 100	REC13 140	REC14 160	REC15 80	REC16 120	REC17 95	REC18 70	REC19 130	REC20 100
		REC1 295	REC2 280	REC3 250																	
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
4	*	.1	.2	.4	.4	.3	.3	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.3	.2	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.2	.3	.3	.2	.3	.2	.1	.0	.1	.1	.1	.3	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.4	.5	.5	.3	.1	.0	.0	.1	.1	.2	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.3	.2	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
19	*	.2	.3	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1
20	*	.1	.4	.3	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

1

JOB: S37 B215PM MD 26 & TRADING LANE
DATE: 12/27/2006 TIME: 23:38:15.90

RUN: S37 B215PM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)			REC24 250	REC25 250	REC26 30	REC27 0	REC28 0
		REC21 205	REC22 255	REC23 250					
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.2	.3	.3	.0	.0	.0
4	*	.2	.8	.9	1.0	.8	.0	.0	.0
5	*	.1	.3	.1	.1	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.2	.1	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.2	.2	.1
19	*	.0	.0	.0	.0	.0	.1	.1	.1
20	*	.0	.0	.0	.0	.0	.1	.1	.2
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.0	.0	.0	.1	.2	.1

S37NB30A.DAT

S37 NB30AM MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1
REC 1 400' SE CORNER	203483. 648873. 5.		
REC 2 164' SE CORNER	203356. 649011. 5.		
REC 3 82' SE CORNER	203302. 649101. 5.		
REC 4 SE CORNER	203296. 649131. 5.		
REC 5 82' ES CORNER	203333. 649171. 5.		
REC 6 164' ES CORNER	203393. 649200. 5.		
REC 7 400' ES CORNER	203577. 649288. 5.		
REC 8 400' EN CORNER	203507. 649469. 5.		
REC 9 164' EN CORNER	203307. 649352. 5.		
REC 10 82' EN CORNER	203226. 649298. 5.		
REC 11 NE CORNER	203187. 649280. 5.		
REC 12 82' NE CORNER	203157. 649308. 5.		
REC 13 164' NE CORNE	203110. 649380. 5.		
REC 14 400' NE CORNE	202935. 649558. 5.		
REC 15 400' NW CORNE	202871. 649514. 5.		
REC 16 184' NW CORNE	203029. 649343. 5.		
REC 17 84' NW CORNER	203070. 649277. 5.		
REC 18 NW CORNER	203088. 649229. 5.		
REC 19 82' WN CORNER	203045. 649194. 5.		
REC 20 164' WN CORNE	202969. 649146. 5.		
REC 21 400' WN CORNE	202836. 649072. 5.		
REC 22 400' WS CORNE	202866. 648887. 5.		
REC 23 164' WS CORNE	203045. 648995. 5.		
REC 24 82' WS CORNER	203111. 649039. 5.		
REC 25 SW CORNER	203172. 649066. 5.		
REC 26 82' SW CORNER	203204. 649038. 5.		
REC 27 164' SW CORNE	203250. 648957. 5.		
REC 28 400' SW CORNE	203325. 648845. 5.		
S37 NB30AM MD26 & TRADING	35 1 1		
1 MD26 EBL AG203198.649156.202877.648965.	25 3.3 0. 44. 50.		
2 MD26 EBL AG203133.649117.202990.649032.	0. 24 2		
150 139 4.0 25 28.3 1717 2 3			
1 MD26 EBT AG203213.649126.202884.648933.	625 3.3 0. 56. 50.		
2 MD26 EBT AG203152.649090.202978.648989.	0. 36 3		
150 131 4.0 625 28.3 1707 2 3			
1 MD26 EB ALAG202873.648935.202352.648620.	650 3.3 0. 68. 50.		
1 MD26 EB DPAG204099.649570.203775.649444.	675 3.3 0. 56. 50.		
0 MD26 EB DPAG203775.649444.203524.649317.	675 3.3 0. 56. 50.		
1 MD26 EB DPAG203524.649317.203212.649131.	675 3.3 0. 56. 50.		
0 MD26 WBL AG203180.649199.203518.649418.	1850 3.3 0. 44. 50.		
2 MD26 WBL AG203227.649229.203401.649342.	0. 24 2		
150 67 4.0 1850 28.3 1717 2 3			
1 MD26 WBT AG203153.649221.203507.649438.	1050 3.3 0. 56. 50.		
2 MD26 WBT AG203211.649256.203408.649378.	0. 36 3		
150 55 4.0 1050 28.3 1689 2 3			
1 MD26 WB ALAG203518.649434.203735.649557.	2900 3.3 0. 56. 50.		
1 MD26 WB ALAG203735.649557.203891.649627.	2900 3.3 0. 56. 50.		
0 MD26 WB ALAG203891.649627.204047.649673.	2900 3.3 0. 56. 50.		
1 MD26 WB DPAG202306.648692.203156.649219.	1750 3.3 0. 56. 50.		
1 Trade NBL AG203186.649183.203397.648846.	700 3.3 0. 44. 50.		
2 Trade NBL AG203231.649112.203325.648961.	0. 24 2		
150 116 4.0 700 28.3 1717 2 3			
0 Trade NBT AG203207.649190.203417.648861.	600 3.3 0. 56. 50.		
2 Trade NBT AG203252.649119.203369.648936.	0. 36 3		
150 116 4.0 600 28.3 1707 2 3			
1 TradeNBALLAG203419.648857.203870.648467.	1300 3.3 0. 44. 50.		
1 Trade NBDPAG202549.649963.202799.649642.	300 3.3 0. 44. 50.		
0 Trade NBDPAG202799.649642.203040.649444.	300 3.3 0. 44. 50.		
1 Trade NBDPAG203040.649444.203208.649191.	300 3.3 0. 44. 50.		
0 Trade SBL AG203183.649184.203039.649412.	25 3.3 0. 44. 50.		
2 Trade SBL AG203132.649265.203056.649385.	0. 24 2		
150 128 4.0 25 28.3 1717 2 3			
1 Trade SBT AG203159.649184.203022.649400.	350 3.3 0. 56. 50.		
2 Trade SBT G203118.649249.203036.649377.	0. 36 3		
150 132 4.0 350 28.3 1707 2 3			
1 TradeSBALLAG203016.649412.202823.649571.	350 3.3 0. 44. 50.		
0 TradeSBALLAG202823.649571.202686.649728.	350 3.3 0. 44. 50.		
1 TradeSBALLAG202686.649728.202523.649939.	350 3.3 0. 44. 50.		
0 Trade SBDPAG203852.648449.203638.648625.	2500 3.3 0. 44. 50.		
1 Trade SBDPAG203638.648625.203464.648752.	2500 3.3 0. 44. 50.		
0 Trade SBDPAG203464.648752.203321.648882.	2500 3.3 0. 44. 50.		

1
0 Trade SBDPAG203321.648882.203155.649179. 2500 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 NB30AM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:07:28.83

RUN: S37 NB30AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	141.	100.0	.0	24.0	.21 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	625.	3.3	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202452.2	648683.7	*	809.	240. AG	199.	100.0	.0	36.0	1.41 41.1
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	650.	3.3	.0	68.0	
6.	MD26 EB DP*	204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	675.	3.3	.0	56.0	
7. 0	MD26 EB DP*	203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	675.	3.3	.0	56.0	
8. 0	MD26 EB DP*	203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	675.	3.3	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1850.	3.3	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203961.0	649705.6	*	875.	57. AG	68.	100.0	.0	24.0	1.05 44.5
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	1050.	3.3	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203300.5	649311.4	*	105.	58. AG	83.	100.0	.0	36.0	.35 5.3
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2900.	3.3	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2900.	3.3	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2900.	3.3	.0	56.0	
16.	MD26 WB DP*	202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1750.	3.3	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	700.	3.3	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203538.2	648618.5	*	581.	148. AG	117.	100.0	.0	24.0	1.09 29.5
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	600.	3.3	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203320.3	649012.1	*	127.	147. AG	176.	100.0	.0	36.0	.63 6.4
21.	TradeNBALL*	203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1300.	3.3	.0	44.0	
22.	Trade NBDP*	202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	300.	3.3	.0	44.0	
23. 0	Trade NBDP*	202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	300.	3.3	.0	44.0	
24. 0	Trade NBDP*	203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	300.	3.3	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.3	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.5	649272.1	*	8.	328. AG	130.	100.0	.0	24.0	.07 .4
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	350.	3.3	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203067.2	649328.3	*	94.	327. G	200.	100.0	.0	36.0	.85 4.8
29.	TradeSBALL*	203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	350.	3.3	.0	44.0	
30. 0	TradeSBALL*	202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	350.	3.3	.0	44.0	
31. 0	TradeSBALL*	202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	350.	3.3	.0	44.0	
32.	Trade SBDP*	203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	2500.	3.3	.0	44.0	
33. 0	Trade SBDP*	203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	2500.	3.3	.0	44.0	
34. 0	Trade SBDP*	203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	2500.	3.3	.0	44.0	
35. 0	Trade SBDP*	203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	2500.	3.3	.0	44.0	

JOB: S37 NB30AM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:07:28.83

RUN: S37 NB30AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	139	4.0	25	1717	28.30	2	3
4.	MD26 EBT	* 150	131	4.0	625	1707	28.30	2	3
10.	MD26 WBL	* 150	67	4.0	1850	1717	28.30	2	3
12.	MD26 WBT	* 150	55	4.0	1050	1689	28.30	2	3
18.	Trade NBL	* 150	116	4.0	700	1717	28.30	2	3
20.	Trade NBT	* 150	116	4.0	600	1707	28.30	2	3
26.	Trade SBL	* 150	128	4.0	25	1717	28.30	2	3
28.	Trade SBT	* 150	132	4.0	350	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 NB30AM MD 26 & TRADING LANE

S37NB30A.OUT

RUN: S37 NB30AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0
5.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.1	.0
10.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.0
15.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.0
20.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.1
25.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.1
30.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.1
35.	.0	.0	.1	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.2	.1
40.	.0	.0	.1	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
45.	.0	.0	.1	.2	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
50.	.0	.0	.0	.2	.2	.2	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.3	.2	.2
55.	.0	.0	.0	.0	.1	.1	.0	.2	.3	.2	.2	.0	.0	.0	.0	.0	.6	.5	.3	.3
60.	.0	.0	.0	.0	.1	.0	.0	.3	.3	.5	.4	.1	.0	.0	.0	.0	.6	.6	.5	.4
65.	.0	.0	.0	.0	.1	.0	.0	.5	.4	.6	.4	.1	.0	.0	.0	.0	.7	.6	.5	.4
70.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.5	.5	.2	.0	.0	.0	.0	.7	.5	.4	.4
75.	.0	.0	.0	.0	.0	.0	.0	.7	.4	.6	.6	.3	.1	.0	.0	.1	.9	.5	.4	.4
80.	.0	.0	.0	.0	.0	.0	.0	.6	.3	.6	.6	.4	.1	.0	.0	.1	1.0	.5	.4	.2
85.	.0	.0	.0	.0	.0	.0	.0	.6	.3	.6	.5	.4	.1	.0	.0	.2	1.0	.5	.3	.3
90.	.0	.0	.0	.0	.0	.0	.0	.6	.3	.7	.5	.4	.1	.0	.0	.2	1.0	.4	.3	.3
95.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.4	.2	.0	.1	.3	1.0	.3	.3	.4
100.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.4	.2	.0	.1	.4	.9	.2	.3	.6
105.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.4	.2	.0	.1	.3	.8	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.4	.2	.0	.1	.4	.7	.1	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.6	.5	.4	.3	.0	.1	.5	.7	.3	.5	.7
120.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.4	.3	.0	.1	.5	.5	.4	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.4	.3	.5	.5	.4	.2	.0	.1	.6	.8	.4	.6	.6
130.	.1	.0	.0	.0	.0	.0	.0	.4	.3	.5	.4	.4	.2	.0	.2	.8	.8	.5	.6	.5
135.	.1	.1	.0	.0	.0	.0	.0	.3	.3	.5	.4	.3	.2	.0	.2	.8	.7	.5	.5	.5
140.	.2	.1	.1	.0	.0	.0	.0	.3	.3	.5	.6	.4	.2	.1	.2	.8	.6	.5	.5	.4
145.	.3	.2	.2	.1	.0	.0	.0	.3	.3	.5	.5	.4	.2	.2	.1	.5	.6	.5	.6	.4
150.	.2	.3	.3	.2	.0	.0	.0	.3	.3	.7	.4	.5	.3	.2	.1	.5	.5	.4	.4	.4
155.	.2	.5	.5	.3	.1	.0	.0	.3	.3	.7	.6	.5	.3	.1	.1	.6	.5	.4	.4	.4
160.	.3	.4	.7	.5	.1	.0	.0	.3	.4	.7	.6	.5	.3	.1	.1	.3	.3	.3	.4	.4
165.	.3	.4	.7	.6	.1	.1	.0	.3	.4	.8	.5	.4	.3	.1	.1	.3	.2	.2	.4	.4
170.	.3	.5	1.1	.7	.1	.1	.0	.3	.5	.8	.5	.3	.4	.1	.1	.2	.2	.3	.4	.4
175.	.3	.5	1.0	.8	.2	.1	.0	.3	.6	.8	.4	.2	.4	.1	.1	.2	.3	.4	.4	.4
180.	.3	.5	1.0	.8	.2	.1	.0	.4	.6	.8	.3	.2	.5	.1	.1	.2	.3	.4	.4	.4
185.	.4	.5	1.0	.8	.3	.1	.0	.4	.7	.6	.4	.3	.5	.1	.1	.2	.3	.4	.4	.4
190.	.5	.6	1.0	.8	.4	.1	.0	.4	.7	.6	.4	.2	.5	.1	.1	.2	.3	.4	.4	.4
195.	.4	.6	1.0	.8	.4	.2	.1	.4	.7	.6	.3	.4	.5	.1	.1	.2	.3	.4	.4	.4
200.	.4	.5	1.0	.8	.4	.3	.1	.4	.6	.6	.5	.4	.5	.1	.1	.2	.3	.4	.4	.4
205.	.4	.5	1.0	.8	.4	.3	.1	.4	.7	.7	.4	.4	.6	.1	.1	.2	.3	.4	.4	.4

1

JOB: S37 NB30AM MD 26 & TRADING LANE

RUN: S37 NB30AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.4	.5	1.0	.8	.4	.3	.1	.5	.7	.7	.4	.6	.4	.0	.0	.2	.3	.4	.4	.4
215.	.3	.5	.9	.8	.4	.3	.1	.6	.7	.5	.4	.6	.4	.0	.0	.2	.3	.4	.4	.4
220.	.3	.5	.9	.8	.5	.3	.1	.5	.7	.5	.5	.6	.4	.0	.0	.2	.3	.4	.5	.5
225.	.3	.4	.9	.9	.5	.4	.1	.6	.7	.5	.5	.6	.3	.0	.0	.2	.2	.4	.5	.5
230.	.3	.4	1.0	1.0	.6	.4	.2	.5	.5	.5	.5	.5	.2	.0	.0	.0	.2	.3	.4	.3
235.	.3	.4	1.1	1.0	.5	.5	.2	.5	.4	.5	.4	.5	.1	.0	.0	.0	.2	.3	.3	.3
240.	.3	.5	1.1	.9	.7	.5	.1	.3	.5	.4	.3	.4	.0	.0	.0	.0	.0	.2	.3	.3
245.	.3	.5	1.2	1.0	.7	.6	.1	.1	.3	.3	.3	.3	.0	.0	.0	.0	.0	.1	.1	.1
250.	.3	.7	1.3	1.0	.6	.5	.2	.1	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.1	.1
255.	.4	.8	1.3	.8	.5	.4	.2	.0	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
260.	.3	.8	1.3	.7	.4	.3	.2	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
265.	.4	.9	1.2	.5	.4	.2	.3	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
270.	.4	.9	1.0	.5	.3	.2	.3	.0	.1	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
275.	.5	1.0	.9	.4	.2	.2	.3	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
280.	.4	1.0	1.0	.4	.1	.3	.2	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
285.	.4	1.0	.9	.4	.3	.4	.2	.0	.0	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
290.	.4	1.0	.7	.4	.3	.5	.2	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
295.	.4	1.1	.6	.3	.3	.5	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
300.	.5	1.0	.5	.2	.3	.4	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
305.	.4	1.0	.5	.2	.4	.4	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
310.	.3	.8	.3	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.7	.3	.3	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
320.	.2	.6	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
325.	.1	.4	.1	.2	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
330.	.0	.3	.1	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.0	.0
335.	.0	.1	.1	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
340.	.0	.1	.2	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0
345.	.0	.0	.3	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.3	.0	.0
350.	.0	.0	.3	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0
355.	.0	.0	.2	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0
360.	.0	.0	.2	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0

1

JOB: S37 NB30AM MD 26 & TRADING LANE

RUN: S37 NB30AM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.9	.9	.3	.3	.7	.8
5.	.0	.7	.9	1.0	.3	.4	.7	.7
10.	.0	.7	.9	.9	.4	.5	.7	.7
15.	.0	.7	1.0	.9	.4	.5	.7	.5
20.	.0	.8	1.0	.9	.4	.7	.7	.5
25.	.0	.8	.8	1.0	.5	.7	.8	.5
30.	.0	.8	.8	1.0	.5	.7	.8	.5
35.	.0	.9	.8	1.0	.5	.9	.7	.5
40.	.0	.9	1.1	1.0	.6	.8	.7	.5
45.	.1	.8	1.0	.9	.7	.7	.7	.5
50.	.1	.7	.8	.8	.6	.7	.6	.5
55.	.2	.6	.7	.7	.6	.7	.6	.5
60.	.1	.5	.6	.6	.4	.8	.6	.5
65.	.1	.3	.6	.6	.5	.8	.5	.5
70.	.2	.2	.4	.4	.5	.8	.5	.5
75.	.2	.1	.4	.4	.5	.8	.5	.5
80.	.3	.1	.3	.3	.6	.7	.5	.5
85.	.3	.1	.3	.3	.6	.7	.5	.5
90.	.4	.1	.3	.3	.6	.7	.5	.6
95.	.5	.1	.2	.3	.6	.7	.5	.6
100.	.5	.0	.2	.3	.6	.7	.5	.6
105.	.5	.0	.2	.3	.6	.7	.5	.7
110.	.5	.0	.1	.2	.5	.7	.5	.7
115.	.5	.0	.1	.2	.6	.7	.6	.8
120.	.4	.0	.1	.2	.6	.5	.7	.7
125.	.3	.0	.1	.2	.5	.6	.7	.7
130.	.3	.0	.0	.2	.4	.7	.7	.6
135.	.3	.0	.0	.1	.5	.7	.6	.5
140.	.3	.0	.0	.1	.4	.6	.5	.2
145.	.4	.0	.0	.0	.2	.5	.4	.2
150.	.4	.0	.0	.0	.2	.4	.4	.1
155.	.3	.0	.0	.0	.1	.2	.2	.0
160.	.3	.0	.0	.0	.0	.1	.1	.0
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 NB30AM MD 26 & TRADING LANE

RUN: S37 NB30AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.1	.0	.0	.0	.0
220.	.4	.0	.1	.1	.1	.0	.0	.0
225.	.3	.1	.2	.2	.1	.0	.0	.0
230.	.3	.2	.3	.5	.3	.1	.0	.0
235.	.3	.4	.5	.7	.5	.1	.0	.0
240.	.1	.6	.7	.9	.7	.2	.0	.0
245.	.1	.7	.8	1.1	.8	.3	.1	.0
250.	.0	.9	1.0	1.2	1.0	.4	.1	.0
255.	.0	1.0	1.1	1.3	1.0	.5	.2	.1
260.	.0	1.0	1.1	1.2	1.0	.5	.2	.1
265.	.0	.9	1.0	1.1	1.0	.5	.2	.1
270.	.0	.9	1.0	1.1	.9	.5	.2	.1
275.	.0	.9	.9	1.0	.9	.5	.2	.1
280.	.0	.9	.9	1.0	.8	.5	.2	.1
285.	.0	.8	.9	.9	.8	.5	.2	.1
290.	.0	.8	.8	.9	.7	.4	.2	.1
295.	.0	.8	.8	.9	.7	.4	.2	.1
300.	.0	.8	.8	.9	.7	.4	.2	.1
305.	.0	.8	.8	.8	.6	.3	.2	.1
310.	.0	.7	.8	.8	.6	.3	.3	.3
315.	.0	.7	.8	.8	.5	.4	.2	.3
320.	.0	.7	.8	.8	.5	.3	.2	.4
325.	.0	.7	.8	.8	.5	.4	.3	.4
330.	.0	.7	.8	.8	.5	.5	.4	.5
335.	.0	.7	.8	.8	.5	.3	.4	.6
340.	.0	.7	.8	.8	.5	.4	.4	.6
345.	.0	.7	.8	.9	.4	.4	.5	.8
350.	.0	.7	.8	.9	.4	.3	.6	.9
355.	.0	.7	.8	.9	.4	.3	.6	.8
360.	.0	.7	.9	.9	.3	.3	.7	.8

MAX DEGR.	95	255	40	255	250	35	25	350
1.0								
1.1								
1.3								
1.0								
.9								
.8								

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 255 DEGREES FROM REC24 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 295 DEGREES FROM REC2 .

1

JOB: S37 NB30AM MD 26 & TRADING LANE

RUN: S37 NB30AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/20/2006 TIME: 10:07:28.83

S37NB30A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		190	295	250	230	240	245	0	75	185	165	75	210	205	145	130	135	80	60	125	115
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.0	.1	.3	.2	.3	.2	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.1	.2	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.1	.1	.0	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.1	.1	.0	.0	
13	*	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	.2	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.2	.2	.2	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	.0	.1	.1	
19	*	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.5	.5	.4	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	
21	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.1	.1	.4	.6	.2	.0	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.1	

1

JOB: S37 NB30AM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:07:28.83

RUN: S37 NB30AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 255	REC23 40	REC24 255	REC25 250	REC26 35	REC27 25	REC28 350
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.1	.0	.0	.0
4	*	.2	.8	.7	1.1	.8	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.1	.0	.0	.1	.0	.0
10	*	.0	.0	.1	.0	.0	.1	.1	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.0	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.1
18	*	.1	.0	.0	.0	.0	.2	.2	.2
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.2	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.2
35	*	.0	.0	.1	.0	.0	.3	.3	.3

S37NB30P.DAT

S37 NB30PM MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	203483.	648873.	5.		
REC 2	164'	SE CORNER	203356.	649011.	5.		
REC 3	82'	SE CORNER	203302.	649101.	5.		
REC 4		SE CORNER	203296.	649131.	5.		
REC 5	82'	ES CORNER	203333.	649171.	5.		
REC 6	164'	ES CORNER	203393.	649200.	5.		
REC 7	400'	ES CORNER	203577.	649288.	5.		
REC 8	400'	EN CORNER	203507.	649469.	5.		
REC 9	164'	EN CORNER	203307.	649352.	5.		
REC 10	82'	EN CORNER	203226.	649298.	5.		
REC 11		NE CORNER	203187.	649280.	5.		
REC 12	82'	NE CORNER	203157.	649308.	5.		
REC 13	164'	NE CORNE	203110.	649380.	5.		
REC 14	400'	NE CORNE	202935.	649558.	5.		
REC 15	400'	NW CORNE	202871.	649514.	5.		
REC 16	184'	NW CORNE	203029.	649343.	5.		
REC 17	84'	NW CORNER	203070.	649277.	5.		
REC 18		NW CORNER	203088.	649229.	5.		
REC 19	82'	WN CORNER	203045.	649194.	5.		
REC 20	164'	WN CORNE	202969.	649146.	5.		
REC 21	400'	WN CORNE	202836.	649072.	5.		
REC 22	400'	WS CORNE	202866.	648887.	5.		
REC 23	164'	WS CORNE	203045.	648995.	5.		
REC 24	82'	WS CORNER	203111.	649039.	5.		
REC 25		SW CORNER	203172.	649066.	5.		
REC 26	82'	SW CORNER	203204.	649038.	5.		
REC 27	164'	SW CORNE	203250.	648957.	5.		
REC 28	400'	SW CORNE	203325.	648845.	5.		

S37 NB30PM MD26 & TRADING 35 1 1

1							
2		MD26 EBL	AG203198.649156.202877.648965.	25	3.3	0. 44.	50.
150		MD26 EBL	AG203133.649117.202990.649032.	0.	24	2	
		139	4.0 25 28.3 1717 2 3				
1		MD26 EBT	AG203213.649126.202884.648933.	1875	3.3	0. 56.	50.
2		MD26 EBT	AG203152.649090.202978.648989.	0.	36	3	
150		107	4.0 1875 28.3 1707 2 3				
1		MD26 EB	ALAG202873.648935.202352.648620.	1900	3.3	0. 68.	50.
1		MD26 EB	DPAG204099.649570.203775.649444.	3500	3.3	0. 56.	50.
0		MD26 EB	DPAG203775.649444.203524.649317.	3500	3.3	0. 56.	50.
1		MD26 EB	DPAG203524.649317.203212.649131.	3500	3.3	0. 56.	50.
0		MD26 WBL	AG203180.649199.203518.649418.	725	3.3	0. 44.	50.
2		MD26 WBL	AG203227.649229.203401.649342.	0.	24	2	
150		127	4.0 725 28.3 1717 2 3				
1		MD26 WBT	AG203153.649221.203507.649438.	850	3.3	0. 56.	50.
2		MD26 WBT	AG203211.649256.203408.649378.	0.	36	3	
150		99	4.0 850 28.3 1688 2 3				
1		MD26 WB	ALAG203518.649434.203735.649557.	1575	3.3	0. 56.	50.
0		MD26 WB	ALAG203735.649557.203891.649627.	1575	3.3	0. 56.	50.
1		MD26 WB	ALAG203891.649627.204047.649673.	1575	3.3	0. 56.	50.
0		MD26 WB	DPAG202306.648692.203156.649219.	1500	3.3	0. 56.	50.
1		Trade NBL	AG203186.649183.203397.648846.	650	3.3	0. 44.	50.
2		Trade NBL	AG203231.649112.203325.648961.	0.	24	2	
150		111	4.0 650 28.3 1717 2 3				
0		Trade NBT	AG203207.649190.203417.648861.	2375	3.3	0. 56.	50.
2		Trade NBT	AG203252.649119.203369.648936.	0.	36	3	
150		68	4.0 2375 28.3 1707 2 3				
1		TradeNBALLAG	203419.648857.203870.648467.	3025	3.3	0. 44.	50.
1		Trade NBDPAG	202549.649963.202799.649642.	325	3.3	0. 44.	50.
0		Trade NBDPAG	202799.649642.203040.649444.	325	3.3	0. 44.	50.
1		Trade NBDPAG	203040.649444.203208.649191.	325	3.3	0. 44.	50.
0		Trade SBL	AG203183.649184.203039.649412.	25	3.3	0. 44.	50.
2		Trade SBL	AG203132.649265.203056.649385.	0.	24	2	
150		140	4.0 25 28.3 1717 2 3				
1		Trade SBT	AG203159.649184.203022.649400.	250	3.3	0. 56.	50.
2		Trade SBT	G203118.649249.203036.649377.	0.	36	3	
150		100	4.0 250 28.3 1707 2 3				
1		TradeSBALLAG	203016.649412.202823.649571.	275	3.3	0. 44.	50.
0		TradeSBALLAG	202823.649571.202686.649728.	275	3.3	0. 44.	50.
1		TradeSBALLAG	202686.649728.202523.649939.	275	3.3	0. 44.	50.
0		Trade SBDPAG	203852.648449.203638.648625.	1450	3.3	0. 44.	50.
1		Trade SBDPAG	203638.648625.203464.648752.	1450	3.3	0. 44.	50.
0		Trade SBDPAG	203464.648752.203321.648882.	1450	3.3	0. 44.	50.

Page 1

1
0 Trade SBDPAG203321.648882.203155.649179. 1450 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 NB30PM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:08:00.46

RUN: S37 NB30PM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT)				*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
			X1	Y1	X2	Y2									
1.	MD26 EBL	*	203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0		
2.	MD26 EBL	*	203133.0	649117.0	203125.2	649112.3	*	9.	239. AG	141.	100.0	.0	24.0	.21	.5
3.	MD26 EBT	*	203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1875.	3.3	.0	56.0		
4.	MD26 EBT	*	203152.0	649090.0	201014.6	647848.9	*	2472.	240. AG	162.	100.0	.0	36.0	1.48	125.6
5.	MD26 EB AL	*	202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1900.	3.3	.0	68.0		
6.	MD26 EB DP	*	204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	3500.	3.3	.0	56.0		
7. 0	MD26 EB DP	*	203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	3500.	3.3	.0	56.0		
8. 0	MD26 EB DP	*	203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	3500.	3.3	.0	56.0		
9.	MD26 WBL	*	203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	725.	3.3	.0	44.0		
10.	MD26 WBL	*	203227.0	649229.0	204898.9	650314.7	*	1993.	57. AG	129.	100.0	.0	24.0	1.87	101.3
11.	MD26 WBL	*	203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	850.	3.3	.0	56.0		
12.	MD26 WBT	*	203211.0	649256.0	203341.3	649336.7	*	153.	58. AG	150.	100.0	.0	36.0	.56	7.8
13.	MD26 WB AL	*	203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1575.	3.3	.0	56.0		
14. 0	MD26 WB AL	*	203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1575.	3.3	.0	56.0		
15. 0	MD26 WB AL	*	203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1575.	3.3	.0	56.0		
16.	MD26 WB DP	*	202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1500.	3.3	.0	56.0		
17.	Trade NBL	*	203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	650.	3.3	.0	44.0		
18.	Trade NBL	*	203231.0	649112.0	203337.9	648940.2	*	202.	148. AG	112.	100.0	.0	24.0	.86	10.3
19. 0	Trade NBT	*	203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	2375.	3.3	.0	56.0		
20.	Trade NBT	*	203252.0	649119.0	203418.0	648859.3	*	308.	147. AG	103.	100.0	.0	36.0	.92	15.7
21.	TradeNBALL	*	203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	3025.	3.3	.0	44.0		
22.	Trade NBDP	*	202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	325.	3.3	.0	44.0		
23. 0	Trade NBDP	*	202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	325.	3.3	.0	44.0		
24. 0	Trade NBDP	*	203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	325.	3.3	.0	44.0		
25.	Trade SBL	*	203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.3	.0	44.0		
26.	Trade SBL	*	203132.0	649265.0	203127.1	649272.7	*	9.	328. AG	142.	100.0	.0	24.0	.27	.5
27.	Trade SBT	*	203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	250.	3.3	.0	56.0		
28.	Trade SBT	*	203118.0	649249.0	203093.5	649287.2	*	45.	327. G	152.	100.0	.0	36.0	.17	2.3
29.	TradeSBALL	*	203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	275.	3.3	.0	44.0		
30. 0	TradeSBALL	*	202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	275.	3.3	.0	44.0		
31. 0	TradeSBALL	*	202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	275.	3.3	.0	44.0		
32.	Trade SBDP	*	203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1450.	3.3	.0	44.0		
33. 0	Trade SBDP	*	203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1450.	3.3	.0	44.0		
34. 0	Trade SBDP	*	203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1450.	3.3	.0	44.0		
35. 0	Trade SBDP	*	203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1450.	3.3	.0	44.0		

JOB: S37 NB30PM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:08:00.46

RUN: S37 NB30PM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION		CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	150	139	4.0	25	1717	28.30	2	3
4.	MD26 EBT	150	107	4.0	1875	1707	28.30	2	3
10.	MD26 WBL	150	127	4.0	725	1717	28.30	2	3
12.	MD26 WBT	150	99	4.0	850	1688	28.30	2	3
18.	Trade NBL	150	111	4.0	650	1717	28.30	2	3
20.	Trade NBT	150	68	4.0	2375	1707	28.30	2	3
26.	Trade SBL	150	140	4.0	25	1717	28.30	2	3
28.	Trade SBT	150	100	4.0	250	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
		X	Y	Z	
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 NB30PM MD 26 & TRADING LANE

S37NB30P.OUT

RUN: S37 NB30PM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.2	.2	.4	.5	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5.	.1	.2	.4	.5	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
10.	.1	.2	.4	.5	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
15.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
20.	.1	.2	.3	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
25.	.1	.2	.3	.6	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
30.	.1	.3	.3	.6	.7	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
35.	.1	.2	.4	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
40.	.1	.2	.5	.6	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
45.	.0	.2	.4	.7	.8	.7	.5	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.4	.1	.1
50.	.0	.1	.3	.6	.8	.7	.5	.1	.1	.3	.2	.1	.0	.0	.0	.0	.1	.4	.3	.2
55.	.0	.0	.3	.4	.7	.6	.4	.3	.3	.4	.4	.1	.0	.0	.0	.0	.2	.4	.3	.3
60.	.0	.0	.3	.4	.6	.5	.3	.4	.3	.5	.5	.1	.1	.0	.0	.1	.3	.6	.6	.4
65.	.0	.0	.0	.2	.4	.4	.2	.4	.4	.7	.7	.2	.1	.0	.0	.1	.5	.6	.5	.5
70.	.0	.0	.0	.1	.3	.2	.2	.5	.4	.9	.9	.3	.1	.0	.0	.1	.6	.6	.6	.5
75.	.0	.0	.0	.0	.2	.1	.0	.6	.6	1.1	.9	.5	.1	.1	.1	.1	.6	.7	.6	.5
80.	.0	.0	.0	.0	.1	.0	.0	.6	.6	1.2	.1	.6	.1	.1	.1	.1	.6	.5	.4	.4
85.	.0	.0	.0	.0	.1	.0	.0	.6	.6	1.2	.7	.1	.1	.1	.1	.2	.9	.5	.3	.3
90.	.0	.0	.0	.0	.1	.0	.0	.7	.7	1.2	.7	.2	.1	.1	.1	.2	.8	.5	.4	.4
95.	.0	.0	.0	.0	.1	.0	.0	.7	.7	1.0	.9	.6	.2	.1	.1	.3	.7	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.7	.7	1.0	.9	.6	.3	.1	.1	.3	.7	.3	.4	.6
105.	.0	.0	.0	.0	.0	.0	.0	.6	.8	1.0	.8	.6	.3	.1	.1	.3	.7	.3	.5	.7
110.	.0	.0	.0	.0	.0	.0	.0	.5	.6	1.0	.8	.5	.3	.1	.2	.3	.6	.3	.6	.7
115.	.0	.0	.0	.0	.0	.0	.0	.5	.6	1.0	.7	.5	.3	.1	.2	.4	.6	.3	.6	.6
120.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.7	.5	.3	.1	.1	.2	.6	.5	.6	.4
125.	.1	.1	.0	.0	.0	.0	.0	.4	.7	.8	.7	.5	.3	.1	.1	.3	.6	.6	.6	.5
130.	.1	.2	.2	.0	.0	.0	.0	.4	.7	.8	.5	.4	.3	.0	.0	.4	.8	.6	.8	.4
135.	.2	.2	.3	.1	.0	.0	.0	.4	.8	.8	.6	.5	.3	.0	.0	.4	.9	.6	.8	.4
140.	.2	.3	.3	.3	.1	.0	.0	.4	.8	.8	.8	.7	.4	.0	.0	.3	.8	.7	.4	.4
145.	.3	.5	.4	.3	.1	.0	.0	.4	.8	.9	.8	.7	.4	.1	.0	.4	.6	.6	.3	.4
150.	.3	.5	.6	.3	.1	.1	.0	.4	.8	1.1	.9	.5	.3	.1	.0	.1	.4	.4	.3	.4
155.	.4	.6	.8	.5	.1	.1	.0	.4	.9	1.0	.6	.6	.4	.1	.1	.2	.4	.4	.4	.4
160.	.4	.7	.8	.6	.3	.1	.0	.4	.8	1.1	.7	.5	.4	.0	.1	.1	.3	.3	.4	.4
165.	.4	.8	.8	.7	.3	.1	.0	.4	.9	1.1	.7	.5	.3	.1	.1	.1	.3	.3	.4	.4
170.	.3	.8	.8	.7	.2	.1	.0	.5	1.0	1.1	.6	.2	.2	.1	.1	.2	.3	.3	.4	.4
175.	.3	.8	1.0	.8	.3	.2	.1	.4	1.0	1.1	.5	.2	.2	.1	.1	.2	.3	.4	.4	.4
180.	.2	.8	1.1	.9	.3	.2	.1	.3	1.1	1.1	.4	.3	.2	.1	.1	.2	.3	.4	.4	.4
185.	.2	.9	1.0	.8	.4	.2	.0	.4	1.1	.9	.4	.3	.3	.1	.1	.2	.3	.4	.5	.5
190.	.2	.8	1.0	.8	.4	.2	.0	.6	1.3	1.0	.4	.3	.3	.1	.1	.2	.3	.4	.5	.5
195.	.2	.8	.9	.8	.4	.3	.0	.6	1.1	.8	.3	.3	.3	.1	.1	.2	.3	.4	.5	.5
200.	.3	.7	.9	.7	.4	.3	.0	.6	1.1	.6	.4	.4	.3	.1	.1	.2	.3	.5	.5	.4
205.	.3	.9	.8	.7	.4	.3	.0	.6	1.2	.6	.5	.6	.2	.1	.1	.2	.3	.5	.5	.4

1

JOB: S37 NB30PM MD 26 & TRADING LANE

RUN: S37 NB30PM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.8	.8	.7	.5	.3	.0	.6	1.1	.6	.5	.6	.2	.1	.1	.2	.3	.5	.5	.5
215.	.3	.8	.8	.7	.5	.3	.1	.7	.9	.7	.5	.5	.2	.1	.1	.2	.3	.4	.4	.5
220.	.3	.8	.8	.7	.5	.4	.1	.8	.9	.7	.5	.6	.2	.1	.1	.2	.3	.5	.5	.5
225.	.3	.8	.8	.8	.5	.5	.1	.7	.9	.5	.5	.6	.2	.1	.1	.1	.3	.5	.5	.5
230.	.3	.8	.9	1.0	.9	.5	.2	.5	.7	.5	.4	.5	.1	.0	.0	.1	.3	.4	.5	.5
235.	.3	1.0	1.0	1.1	1.1	.8	.2	.4	.6	.4	.5	.4	.1	.0	.0	.1	.2	.3	.4	.4
240.	.3	1.0	1.2	1.0	1.1	.8	.4	.4	.4	.4	.3	.4	.1	.0	.0	.0	.1	.2	.2	.2
245.	.4	1.0	1.2	1.2	1.0	.8	.4	.4	.3	.4	.3	.3	.0	.0	.0	.0	.2	.2	.2	.2
250.	.4	1.0	1.2	1.2	1.0	.9	.4	.1	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1
255.	.5	1.0	1.3	1.1	.9	.8	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.5	1.0	1.2	1.1	.9	.7	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.5	1.1	1.2	.9	.8	.5	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.4	1.2	1.0	.8	.7	.4	.5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
275.	.4	1.2	1.2	.8	.7	.5	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
280.	.4	1.2	1.1	.7	.5	.6	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
285.	.5	1.2	1.0	.6	.4	.6	.5	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
290.	.7	1.3	.8	.5	.4	.6	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
295.	.7	1.3	.8	.5	.5	.6	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
300.	.7	1.1	.6	.5	.6	.5	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
305.	.6	1.0	.6	.5	.6	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
310.	.5	.9	.6	.4	.5	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.5	.8	.5	.4	.6	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.7	.4	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
325.	.3	.6	.4	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.3	.4	.5	.5	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.6	.5	.5	.7	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
340.	.2	.4	.5	.5	.7	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
345.	.2	.4	.4	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
350.	.2	.4	.4	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.2	.3	.4	.5	.6	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	.2	.2	.4	.5	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
MAX	.7	1.3	1.3	1.2	1.1	.9	.6	.8	1.3	1.2	1.2	.7	.4	.1	.2	.4	.9	.7	.8	.7
DEGR	290	290	255	250	235	250	275	220	190	80	85	140	140	75	110	115	135	75	130	105

1

JOB: S37 NB30PM MD 26 & TRADING LANE

RUN: S37 NB30PM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.8	.8	.3	.6	.8	.8
5.	.0	.7	.8	.7	.3	.7	.9	.8
10.	.0	.8	.8	.8	.5	.8	.9	.8
15.	.0	.8	.8	.8	.7	.8	.8	.7
20.	.0	.8	.8	1.0	.7	.8	.8	.6
25.	.0	.9	.9	1.1	.7	.9	.8	.5
30.	.0	.9	1.1	1.2	.8	.9	.8	.6
35.	.0	1.0	1.1	1.3	.9	.9	.8	.6
40.	.0	1.0	1.2	1.4	1.0	.9	.7	.5
45.	.0	1.0	1.0	1.4	.9	.9	.6	.6
50.	.1	1.0	1.1	1.2	.9	.9	.7	.4
55.	.2	.8	.8	1.0	1.0	.9	.7	.4
60.	.2	.7	.7	1.0	.8	.9	.6	.3
65.	.2	.3	.8	.9	.7	.7	.6	.4
70.	.4	.2	.6	.7	.5	.7	.6	.4
75.	.4	.1	.4	.7	.5	.6	.5	.5
80.	.4	.0	.4	.5	.5	.6	.5	.5
85.	.4	.0	.3	.5	.5	.6	.4	.5
90.	.4	.0	.3	.4	.5	.7	.5	.3
95.	.4	.0	.3	.4	.5	.7	.6	.4
100.	.5	.0	.2	.4	.6	.7	.5	.4
105.	.4	.0	.1	.4	.6	.7	.5	.4
110.	.4	.0	.1	.4	.6	.7	.6	.4
115.	.4	.0	.1	.5	.5	.7	.5	.4
120.	.4	.0	.1	.4	.5	.8	.5	.4
125.	.4	.0	.1	.1	.5	.6	.6	.5
130.	.4	.0	.0	.1	.5	.6	.4	.3
135.	.4	.0	.0	.1	.5	.6	.4	.2
140.	.4	.0	.0	.0	.2	.4	.4	.1
145.	.4	.0	.0	.0	.1	.2	.2	.1
150.	.4	.0	.0	.0	.1	.1	.1	.0
155.	.3	.0	.0	.0	.0	.1	.1	.0
160.	.3	.0	.0	.0	.0	.1	.1	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.4	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.5	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 NB30PM MD 26 & TRADING LANE

RUN: S37 NB30PM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.1	.0	.0	.0	.0
215.	.5	.0	.0	.2	.0	.0	.0	.0
220.	.5	.1	.2	.2	.1	.0	.0	.0
225.	.5	.2	.3	.3	.2	.0	.0	.0
230.	.4	.3	.5	.6	.4	.1	.0	.0
235.	.3	.6	.7	.9	.6	.2	.1	.0
240.	.2	.7	.9	1.1	.9	.3	.1	.0
245.	.2	.9	1.0	1.3	1.0	.5	.2	.1
250.	.0	1.0	1.2	1.4	1.2	.6	.2	.1
255.	.0	1.1	1.3	1.3	1.1	.5	.3	.1
260.	.0	1.1	1.2	1.2	1.1	.6	.2	.1
265.	.0	1.0	1.1	1.2	1.0	.6	.2	.1
270.	.0	.9	1.0	1.1	1.0	.5	.3	.1
275.	.0	.9	1.0	1.1	.8	.5	.3	.1
280.	.0	.8	.9	1.0	.8	.5	.3	.1
285.	.0	.8	.8	.9	.8	.5	.3	.1
290.	.0	.8	.8	.9	.7	.5	.3	.1
295.	.0	.8	.8	.9	.7	.4	.3	.1
300.	.0	.8	.8	.8	.7	.4	.3	.1
305.	.0	.7	.8	.8	.7	.4	.2	.1
310.	.0	.7	.8	.8	.6	.3	.2	.1
315.	.0	.7	.8	.8	.6	.2	.2	.2
320.	.0	.7	.8	.8	.5	.3	.3	.3
325.	.0	.7	.8	.8	.5	.3	.3	.3
330.	.0	.7	.8	.8	.4	.2	.2	.4
335.	.0	.7	.8	.8	.4	.2	.3	.5
340.	.0	.7	.8	.8	.5	.3	.2	.6
345.	.0	.7	.8	.8	.3	.3	.4	.7
350.	.0	.7	.8	.8	.3	.3	.5	.8
355.	.0	.6	.8	.8	.3	.5	.7	.7
360.	.0	.7	.8	.8	.3	.6	.8	.8

MAX DEGR.	100	255	255	40	250	35	5	0

THE HIGHEST CONCENTRATION IS 1.40 PPM AT 40 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 290 DEGREES FROM REC2 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 255 DEGREES FROM REC3 .

1

JOB: S37 NB30PM MD 26 & TRADING LANE

RUN: S37 NB30PM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/20/2006 TIME: 10:08:00.46

S37NB30P.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 290	REC2 290	REC3 255	REC4 250	REC5 235	REC6 250	REC7 275	REC8 220	REC9 190	REC10 80	REC11 85	REC12 140	REC13 140	REC14 75	REC15 110	REC16 115	REC17 135	REC18 75	REC19 130	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
4	*	.1	.1	.3	.3	.3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.1	.3	.4	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.1	.3	.2	.3	.3	.1	.1	.1	.1	.1	.0	.2	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	
12	*	.0	.0	.0	.0	.0	.0	.1	.1	.5	.5	.5	.1	.1	.0	.0	.1	.0	.2	.0	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.1	.2	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	
19	*	.2	.3	.2	.2	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.1	.0	.1	
20	*	.2	.4	.3	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	

1

JOB: S37 NB30PM MD 26 & TRADING LANE
DATE: 12/20/2006 TIME: 10:08:00.46

RUN: S37 NB30PM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 100	REC22 255	REC23 255	REC24 40	REC25 250	REC26 35	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.3	.3	.3	.0	.0	.0
4	*	.2	.7	.8	.5	.7	.0	.0	.0
5	*	.0	.3	.1	.0	.1	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.0	.2	.1	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.2	.0	.2	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.1	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.0	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.2	.2	.1
19	*	.0	.0	.0	.1	.0	.1	.1	.1
20	*	.0	.0	.0	.0	.0	.1	.1	.2
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.0	.1	.0	.1	.2	.1

S37	B130AM	MD 26 & TRADING LANE	60.0175	0.0000	0.000280	30480000	S37B130A.DAT	11	1
REC 1	400'	SE CORNER	203483.	648873.	5.				
REC 2	164'	SE CORNER	203356.	649011.	5.				
REC 3	82'	SE CORNER	203302.	649101.	5.				
REC 4		SE CORNER	203296.	649131.	5.				
REC 5	82'	ES CORNER	203333.	649171.	5.				
REC 6	164'	ES CORNER	203393.	649200.	5.				
REC 7	400'	ES CORNER	203577.	649288.	5.				
REC 8	400'	EN CORNER	203507.	649469.	5.				
REC 9	164'	EN CORNER	203307.	649352.	5.				
REC 10	82'	EN CORNER	203226.	649298.	5.				
REC 11		NE CORNER	203187.	649280.	5.				
REC 12	82'	NE CORNER	203157.	649308.	5.				
REC 13	164'	NE CORNE	203110.	649380.	5.				
REC 14	400'	NE CORNE	202935.	649558.	5.				
REC 15	400'	NW CORNE	202871.	649514.	5.				
REC 16	184'	NW CORNE	203029.	649343.	5.				
REC 17	84'	NW CORNER	203070.	649277.	5.				
REC 18		NW CORNER	203088.	649229.	5.				
REC 19	82'	WN CORNER	203045.	649194.	5.				
REC 20	164'	WN CORNE	202969.	649146.	5.				
REC 21	400'	WN CORNE	202836.	649072.	5.				
REC 22	400'	WS CORNE	202866.	648887.	5.				
REC 23	164'	WS CORNE	203045.	648995.	5.				
REC 24	82'	WS CORNER	203111.	649039.	5.				
REC 25		SW CORNER	203172.	649066.	5.				
REC 26	82'	SW CORNER	203204.	649038.	5.				
REC 27	164'	SW CORNE	203250.	648957.	5.				
REC 28	400'	SW CORNE	203325.	648845.	5.				
S37	B130AM	MD26 & TRADING		35	1	1			
1									
2		MD26 EBL AG203198.649156.202877.648965.			25	3.3	0. 44.	50.	
		MD26 EBL AG203133.649117.202990.649032.			0.	24	2		
	140	131	4.0	25	28.3	1717	2 3		
1		MD26 EBT AG203213.649126.202884.648933.			675	3.3	0. 56.	50.	
2		MD26 EBT AG203152.649090.202978.648989.			0.	36	3		
	140	122	4.0	675	28.3	1707	2 3		
1		MD26 EB ALAG202873.648935.202352.648620.			700	3.3	0. 68.	50.	
1		MD26 EB DPAG204099.649570.203775.649444.			700	3.3	0. 56.	50.	
0		MD26 EB DPAG203775.649444.203524.649317.			700	3.3	0. 56.	50.	
0		MD26 EB DPAG203524.649317.203212.649131.			700	3.3	0. 56.	50.	
1		MD26 WBL AG203180.649199.203518.649418.			1600	3.3	0. 44.	50.	
2		MD26 WBL AG203227.649229.203401.649342.			0.	24	2		
	140	66	4.0	1600	28.3	1717	2 3		
1		MD26 WBT AG203153.649221.203507.649438.			1100	3.3	0. 56.	50.	
2		MD26 WBT AG203211.649256.203408.649378.			0.	36	3		
	140	57	4.0	1100	28.3	1689	2 3		
1		MD26 WB ALAG203518.649434.203735.649557.			2700	3.3	0. 56.	50.	
1		MD26 WB ALAG203735.649557.203891.649627.			2700	3.3	0. 56.	50.	
0		MD26 WB ALAG203891.649627.204047.649673.			2700	3.3	0. 56.	50.	
0		MD26 WB DPAG202306.648692.203156.649219.			1725				

1
0 Trade SBDPAG203321.648882.203155.649179. 2250 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B130AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:27:37.37

RUN: S37 B130AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.6	649112.6	*	9.	239. AG	142.	100.0	.0	24.0	.33 .4
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	675.	3.3	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202292.9	648591.1	*	993.	240. AG	198.	100.0	.0	36.0	1.54 50.5
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	700.	3.3	.0	68.0	
6.	MD26 EB DP*	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	700.	3.3	.0	56.0	
7. 0	MD26 EB DP*	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	700.	3.3	.0	56.0	
8. 0	MD26 EB DP*	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	700.	3.3	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1600.	3.3	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203511.3	649413.6	*	339.	57. AG	72.	100.0	.0	24.0	.96 17.2
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	1100.	3.3	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203308.0	649316.1	*	114.	58. AG	93.	100.0	.0	36.0	.39 5.8
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2700.	3.3	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2700.	3.3	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2700.	3.3	.0	56.0	
16.	MD26 WB DP*	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1725.	3.3	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	625.	3.3	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203392.0	648853.4	*	305.	148. AG	118.	100.0	.0	24.0	1.02 15.5
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	700.	3.3	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203322.7	649008.4	*	131.	147. AG	168.	100.0	.0	36.0	.62 6.7
21.	TradeNBALL*	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1325.	3.3	.0	44.0	
22.	Trade NBDP*	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	450.	3.3	.0	44.0	
23. 0	Trade NBDP*	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	450.	3.3	.0	44.0	
24. 0	Trade NBDP*	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	450.	3.3	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.3	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.6	649271.9	*	8.	328. AG	136.	100.0	.0	24.0	.11 .4
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	375.	3.3	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203074.1	649317.5	*	81.	327. G	194.	100.0	.0	36.0	.69 4.1
29.	TradeSBALL*	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	400.	3.3	.0	44.0	
30. 0	TradeSBALL*	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	400.	3.3	.0	44.0	
31. 0	TradeSBALL*	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	400.	3.3	.0	44.0	
32.	Trade SBDP*	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	2250.	3.3	.0	44.0	
33. 0	Trade SBDP*	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	2250.	3.3	.0	44.0	
34. 0	Trade SBDP*	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	2250.	3.3	.0	44.0	
35. 0	Trade SBDP*	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	2250.	3.3	.0	44.0	

JOB: S37 B130AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:27:37.37

RUN: S37 B130AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 140	131	4.0	25	1717	28.30	2	3
4.	MD26 EBT	* 140	122	4.0	675	1707	28.30	2	3
10.	MD26 WBL	* 140	66	4.0	1600	1717	28.30	2	3
12.	MD26 WBT	* 140	57	4.0	1100	1689	28.30	2	3
18.	Trade NBL	* 140	109	4.0	625	1717	28.30	2	3
20.	Trade NBT	* 140	103	4.0	700	1707	28.30	2	3
26.	Trade SBL	* 140	125	4.0	25	1717	28.30	2	3
28.	Trade SBT	* 140	119	4.0	375	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B130AM MD 26 & TRADING LANE

S37B130A.OUT

RUN: S37 B130AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0
5.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0
10.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0
15.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.0
20.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.0
25.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.1
30.	.0	.0	.1	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.1
35.	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
40.	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
45.	.0	.0	.0	.1	.1	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
50.	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.3	.2	.2
55.	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.6	.4	.2	.2
60.	.0	.0	.0	.0	.1	.0	.0	.2	.2	.4	.3	.0	.0	.0	.0	.0	.6	.4	.6	.2
65.	.0	.0	.0	.0	.1	.0	.0	.3	.2	.6	.4	.0	.0	.0	.0	.0	.6	.6	.6	.3
70.	.0	.0	.0	.0	.0	.0	.0	.4	.6	.6	.6	.1	.0	.0	.0	.0	.6	.5	.5	.3
75.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.3	.0	.0	.0	.0	1.0	.5	.4	.3
80.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.6	.4	.0	.0	.0	.0	1.0	.5	.5	.2
85.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.7	.4	.0	.0	.1	.0	1.0	.5	.3	.2
90.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.4	.0	.0	.1	.0	1.0	.4	.2	.3
95.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.4	.0	.0	.1	.2	1.0	.3	.3	.4
100.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.6	.4	.1	.0	.1	.2	1.0	.2	.3	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.1	.0	.1	.2	.8	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.3	.8	.1	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.3	.6	.3	.5	.7
120.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.4	.6	.4	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.5	.4	.1	.0	.1	.4	.6	.4	.6	.6
130.	.1	.0	.0	.0	.0	.0	.0	.2	.3	.6	.5	.4	.1	.1	.1	.5	.9	.4	.6	.4
135.	.1	.1	.0	.0	.0	.0	.0	.2	.3	.6	.4	.3	.1	.1	.2	.7	.7	.5	.5	.4
140.	.1	.1	.0	.0	.0	.0	.0	.2	.3	.6	.5	.4	.0	.1	.1	.7	.6	.5	.5	.4
145.	.2	.2	.2	.0	.0	.0	.0	.2	.3	.6	.5	.4	.3	.2	.0	.6	.6	.5	.5	.4
150.	.2	.2	.3	.2	.0	.0	.0	.2	.3	.7	.4	.6	.4	.2	.1	.5	.5	.4	.4	.4
155.	.2	.4	.4	.3	.0	.0	.0	.2	.3	.8	.6	.6	.4	.1	.1	.4	.4	.3	.4	.4
160.	.2	.3	.7	.4	.0	.0	.0	.1	.3	.8	.6	.6	.4	.2	.1	.3	.3	.3	.4	.4
165.	.2	.3	.7	.5	.1	.0	.0	.2	.4	.9	.5	.5	.3	.2	.1	.2	.2	.2	.4	.4
170.	.2	.4	.8	.7	.1	.0	.0	.2	.5	.9	.5	.4	.5	.2	.1	.2	.2	.3	.4	.4
175.	.2	.4	.8	.7	.2	.0	.0	.4	.6	.9	.4	.3	.4	.2	.1	.2	.3	.3	.4	.4
180.	.2	.4	1.0	.8	.2	.1	.0	.4	.6	.8	.3	.3	.5	.2	.1	.2	.3	.4	.4	.4
185.	.2	.4	.9	.8	.3	.1	.0	.4	.8	.6	.4	.4	.6	.2	.1	.2	.3	.4	.4	.4
190.	.2	.4	.9	.8	.4	.1	.0	.3	.8	.6	.3	.3	.6	.2	.1	.2	.3	.4	.4	.4
195.	.2	.4	.9	.8	.4	.2	.0	.3	.8	.6	.3	.5	.6	.1	.1	.2	.3	.4	.4	.4
200.	.2	.4	.9	.8	.4	.2	.0	.3	.6	.6	.5	.5	.5	.1	.1	.2	.3	.4	.4	.4
205.	.2	.4	.9	.8	.4	.3	.0	.4	.7	.7	.4	.5	.6	.1	.1	.2	.3	.4	.4	.4

1

JOB: S37 B130AM MD 26 & TRADING LANE

RUN: S37 B130AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.4	.9	.8	.4	.3	.0	.4	.7	.6	.4	.5	.5	.1	.1	.2	.3	.4	.4	.4
215.	.2	.4	.9	.8	.4	.3	.0	.5	.8	.5	.4	.6	.3	.1	.0	.2	.3	.4	.4	.5
220.	.2	.4	.8	.8	.5	.3	.1	.6	.8	.5	.5	.6	.3	.1	.0	.2	.3	.4	.5	.5
225.	.2	.4	.8	.9	.5	.4	.1	.5	.7	.5	.5	.6	.3	.1	.0	.2	.2	.4	.5	.5
230.	.2	.4	.9	1.0	.6	.4	.2	.5	.6	.6	.5	.6	.2	.0	.0	.1	.2	.4	.4	.4
235.	.2	.4	1.1	1.0	.7	.5	.2	.5	.4	.4	.4	.6	.1	.0	.0	.0	.2	.3	.3	.3
240.	.2	.5	1.2	.9	.7	.5	.1	.4	.5	.4	.3	.6	.1	.0	.0	.0	.0	.2	.3	.3
245.	.2	.6	1.1	1.1	.7	.6	.1	.1	.4	.4	.2	.3	.0	.0	.0	.0	.0	.1	.1	.1
250.	.2	.7	1.3	1.1	.6	.5	.2	.1	.1	.2	.3	.3	.0	.1	.0	.0	.0	.0	.1	.1
255.	.4	.8	1.2	1.0	.5	.4	.2	.0	.1	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0
260.	.3	.8	1.2	.7	.4	.3	.1	.0	.1	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0
265.	.3	.8	1.1	.5	.4	.2	.3	.0	.1	.2	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0
270.	.3	.9	1.1	.5	.2	.1	.3	.0	.0	.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
275.	.3	.9	.9	.5	.2	.2	.3	.0	.0	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
280.	.4	1.0	.9	.4	.1	.3	.2	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
285.	.4	.9	.8	.4	.2	.4	.2	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
290.	.5	1.1	.7	.4	.3	.5	.2	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	.5	1.1	.6	.3	.3	.4	.2	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
300.	.6	.9	.4	.3	.3	.4	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.5	.9	.4	.2	.5	.4	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.4	.8	.3	.2	.4	.4	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.3	.7	.3	.3	.4	.4	.2	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
320.	.2	.6	.2	.2	.4	.4	.3	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
325.	.1	.4	.1	.2	.4	.3	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.0	.0
330.	.0	.3	.1	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
335.	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
340.	.0	.1	.2	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.0
345.	.0	.0	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0
350.	.0	.0	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.4	.0	.0
355.	.0	.0	.3	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0
360.	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	.0

1

JOB: S37 B130AM MD 26 & TRADING LANE

RUN: S37 B130AM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.8	.9	.3	.3	.6	.7
5.	.0	.7	.9	1.0	.3	.3	.7	.6
10.	.0	.7	.9	.8	.4	.5	.7	.6
15.	.0	.7	1.0	.8	.4	.6	.7	.5
20.	.0	.8	.9	.9	.5	.7	.7	.4
25.	.0	.8	.8	.9	.6	.7	.7	.4
30.	.0	.9	.8	1.0	.5	.6	.6	.4
35.	.0	.9	.8	1.0	.5	.7	.6	.4
40.	.0	.9	1.0	1.0	.6	.6	.6	.5
45.	.0	.8	.8	.9	.7	.6	.6	.5
50.	.0	.7	.7	.6	.5	.6	.5	.4
55.	.1	.6	.6	.6	.5	.6	.5	.4
60.	.1	.5	.6	.6	.4	.6	.5	.4
65.	.1	.3	.6	.6	.5	.6	.5	.4
70.	.2	.2	.4	.5	.5	.6	.4	.3
75.	.2	.1	.4	.4	.5	.6	.4	.4
80.	.3	.0	.3	.3	.6	.6	.4	.4
85.	.3	.0	.3	.3	.6	.6	.4	.4
90.	.4	.0	.3	.3	.6	.6	.4	.5
95.	.4	.0	.2	.3	.6	.7	.5	.4
100.	.4	.0	.2	.3	.6	.7	.5	.4
105.	.4	.0	.2	.3	.6	.6	.5	.4
110.	.4	.0	.1	.2	.5	.6	.5	.4
115.	.4	.0	.0	.2	.5	.6	.5	.5
120.	.4	.0	.0	.2	.5	.5	.7	.5
125.	.3	.0	.0	.2	.4	.5	.6	.5
130.	.3	.0	.0	.1	.3	.5	.6	.3
135.	.3	.0	.0	.0	.3	.5	.5	.3
140.	.3	.0	.0	.0	.3	.5	.3	.1
145.	.3	.0	.0	.0	.2	.5	.3	.1
150.	.3	.0	.0	.0	.1	.2	.3	.1
155.	.3	.0	.0	.0	.1	.2	.1	.0
160.	.3	.0	.0	.0	.0	.1	.1	.0
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.3	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B130AM MD 26 & TRADING LANE

RUN: S37 B130AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.1	.0	.0	.0	.0
220.	.4	.1	.1	.1	.1	.0	.0	.0
225.	.4	.1	.2	.3	.1	.0	.0	.0
230.	.3	.2	.3	.5	.3	.1	.0	.0
235.	.3	.5	.6	.7	.5	.2	.0	.0
240.	.2	.6	.7	.9	.7	.2	.1	.0
245.	.1	.7	.9	1.2	.8	.3	.1	.0
250.	.0	.9	1.1	1.3	1.0	.4	.2	.1
255.	.0	1.0	1.1	1.3	1.0	.5	.2	.1
260.	.0	1.0	1.1	1.2	1.0	.5	.2	.1
265.	.0	.9	1.0	1.1	1.0	.5	.2	.1
270.	.0	.9	1.0	1.1	.9	.5	.2	.1
275.	.0	.9	.9	1.0	.9	.5	.2	.1
280.	.0	.9	.9	1.0	.8	.5	.2	.1
285.	.0	.8	.9	.9	.8	.5	.2	.1
290.	.0	.8	.8	.9	.7	.4	.2	.1
295.	.0	.8	.8	.9	.7	.4	.2	.1
300.	.0	.8	.8	.9	.7	.4	.2	.1
305.	.0	.7	.8	.8	.6	.3	.2	.1
310.	.0	.7	.8	.8	.6	.3	.2	.3
315.	.0	.7	.8	.8	.5	.4	.2	.3
320.	.0	.7	.8	.8	.5	.3	.2	.4
325.	.0	.7	.8	.8	.4	.3	.3	.4
330.	.0	.7	.8	.8	.5	.4	.3	.5
335.	.0	.7	.8	.8	.5	.3	.3	.6
340.	.0	.7	.8	.8	.5	.4	.3	.6
345.	.0	.7	.8	.9	.4	.4	.4	.7
350.	.0	.7	.8	.9	.3	.3	.6	.7
355.	.0	.8	.8	.9	.4	.3	.5	.7
360.	.0	.7	.8	.9	.3	.3	.6	.7

MAX DEGR.	90	255	250	150	250	20	5	345
MAX	.4	1.0	1.1	1.3	1.0	.7	.7	.7

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC24 .
 THE 3RD HIGHEST CONCENTRATION IS 1.10 PPM AT 250 DEGREES FROM REC4 .

1

JOB: S37 B130AM MD 26 & TRADING LANE

RUN: S37 B130AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/29/2006 TIME: 09:27:37.37

S37B130A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

		CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 300	REC2 290	REC3 250	REC4 250	REC5 235	REC6 245	REC7 265	REC8 220	REC9 185	REC10 165	REC11 85	REC12 150	REC13 185	REC14 145	REC15 135	REC16 135	REC17 75	REC18 65	REC19 60	REC20 115
LINK	#	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	*	.1	.1	.4	.4	.3	.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0
11	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0	.0	.1	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.2	.2	.2	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1
19	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.1	.5	.4	.2	.1	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.3	.6	.2	.1	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1

1

JOB: S37 B130AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:27:37.37

RUN: S37 B130AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 255	REC23 250	REC24 250	REC25 250	REC26 20	REC27 5	REC28 345
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.1	.0	.0	.0
4	*	.2	.8	.9	1.1	.8	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.1	.2	.2
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.1	.1
35	*	.0	.0	.0	.0	.0	.3	.3	.3

S37B130P.DAT

S37 B130PM MD 26 & TRADING LANE 60.0175.0.0000.000280.30480000 11 1

REC 1	400'	SE CORNER	203483.	648873.	5.				
REC 2	164'	SE CORNER	203356.	649011.	5.				
REC 3	82'	SE CORNER	203302.	649101.	5.				
REC 4		SE CORNER	203296.	649131.	5.				
REC 5	82'	ES CORNER	203333.	649171.	5.				
REC 6	164'	ES CORNER	203393.	649200.	5.				
REC 7	400'	ES CORNER	203577.	649288.	5.				
REC 8	400'	EN CORNER	203507.	649469.	5.				
REC 9	164'	EN CORNER	203307.	649352.	5.				
REC 10	82'	EN CORNER	203226.	649298.	5.				
REC 11		NE CORNER	203187.	649280.	5.				
REC 12	82'	NE CORNER	203157.	649308.	5.				
REC 13	164'	NE CORNE	203110.	649380.	5.				
REC 14	400'	NE CORNE	202935.	649558.	5.				
REC 15	400'	NW CORNE	202871.	649514.	5.				
REC 16	184'	NW CORNE	203029.	649343.	5.				
REC 17	84'	NW CORNER	203070.	649277.	5.				
REC 18		NW CORNER	203088.	649229.	5.				
REC 19	82'	WN CORNER	203045.	649194.	5.				
REC 20	164'	WN CORNE	202969.	649146.	5.				
REC 21	400'	WN CORNE	202836.	649072.	5.				
REC 22	400'	WS CORNE	202866.	648887.	5.				
REC 23	164'	WS CORNE	203045.	648995.	5.				
REC 24	82'	WS CORNER	203111.	649039.	5.				
REC 25		SW CORNER	203172.	649066.	5.				
REC 26	82'	SW CORNER	203204.	649038.	5.				
REC 27	164'	SW CORNE	203250.	648957.	5.				
REC 28	400'	SW CORNE	203325.	648845.	5.				
S37	B130PM	MD26 & TRADING				35	1	1	
1		MD26 EBL	AG203198.649156.202877.648965.			25	3.3	0. 44.	50.
2		MD26 EBL	AG203133.649117.202990.649032.			0.	24	2	
150	141		4.0 25 28.3 1717 2 3						
1		MD26 EBT	AG203213.649126.202884.648933.			1850	3.3	0. 56.	50.
2		MD26 EBT	AG203152.649090.202978.648989.			0.	36	3	
150	111		4.0 1850 28.3 1707 2 3						
1		MD26 EB	ALAG202873.648935.202352.648620.			1875	3.3	0. 68.	50.
1		MD26 EB	DPAG204099.649570.203775.649444.			1875	3.3	0. 56.	50.
0		MD26 EB	DPAG203775.649444.203524.649317.			1875	3.3	0. 56.	50.
1		MD26 EB	DPAG203524.649317.203212.649131.			1875	3.3	0. 56.	50.
0		MD26 WBL	AG203180.649199.203518.649418.			600	3.3	0. 44.	50.
2		MD26 WBL	AG203227.649229.203401.649342.			0.	24	2	
150	128		4.0 600 28.3 1717 2 3						
1		MD26 WBT	AG203153.649221.203507.649438.			875	3.3	0. 56.	50.
2		MD26 WBT	AG203211.649256.203408.649378.			0.	36	3	
150	98		4.0 875 28.3 1688 2 3						
1		MD26 WB	ALAG203518.649434.203735.649557.			1475	3.3	0. 56.	50.
1		MD26 WB	ALAG203735.649557.203891.649627.			1475	3.3	0. 56.	50.
0		MD26 WB	ALAG203891.649627.204047.649673.			1475	3.3	0. 56.	50.
1		MD26 WB	DPAG202306.648692.203156.649219.			1475	3.3	0. 56.	50.
1		Trade NBL	AG203186.649183.203397.648846.			600	3.3	0. 44.	50.
2		Trade NBL	AG203231.649112.203325.648961.			0.	24	2	
150	114		4.0 600 28.3 1717 2 3						
0		Trade NBT	AG203207.649190.203417.648861.			2125	3.3	0. 56.	50.
2		Trade NBT	AG203252.649119.203369.648936.			0.	36	3	
150	66		4.0 2125 28.3 1707 2 3						
1		TradeNBALLAG	203419.648857.203870.648467.			2725	3.3	0. 44.	50.
1		Trade NBDPAG	202549.649963.202799.649642.			375	3.3	0. 44.	50.
1		Trade NBDPAG	202799.649642.203040.649444.			375	3.3	0. 44.	50.
0		Trade NBDPAG	203040.649444.203208.649191.			375	3.3	0. 44.	50.
1		Trade SBL	AG203183.649184.203039.649412.			50	3.3	0. 44.	50.
2		Trade SBL	AG203132.649265.203056.649385.			0.	24	2	
150	141		4.0 50 28.3 1717 2 3						
1		Trade SBT	AG203159.649184.203022.649400.			275	3.3	0. 56.	50.
2		Trade SBT	G203118.649249.203036.649377.			0.	36	3	
150	93		4.0 275 28.3 1707 2 3						
1		TradeSBALLAG	203016.649412.202823.649571.			325	3.3	0. 44.	50.
1		TradeSBALLAG	202823.649571.202686.649728.			325	3.3	0. 44.	50.
0		TradeSBALLAG	202686.649728.202523.649939.			325	3.3	0. 44.	50.
1		Trade SBDPAG	203852.648449.203638.648625.			1325	3.3	0. 44.	50.
1		Trade SBDPAG	203638.648625.203464.648752.			1325	3.3	0. 44.	50.
0		Trade SBDPAG	203464.648752.203321.648882.			1325	3.3	0. 44.	50.

Page 1

1
0 Trade SBDPAG203321.648882.203155.649179. 1325 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B130PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:29:49.91

RUN: S37 B130PM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.0	649112.3	*	9.	239. AG	143.	100.0	.0	24.0	.35 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1850.	3.3	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	200688.3	647659.4	*	2849.	240. AG	169.	100.0	.0	36.0	1.64 144.7
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1875.	3.3	.0	68.0	
6.	MD26 EB DP*	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	1875.	3.3	.0	56.0	
7. 0	MD26 EB DP*	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	1875.	3.3	.0	56.0	
8. 0	MD26 EB DP*	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	1875.	3.3	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	600.	3.3	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	204432.6	650011.8	*	1437.	57. AG	130.	100.0	.0	24.0	1.64 73.0
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	875.	3.3	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203343.6	649338.1	*	156.	58. AG	149.	100.0	.0	36.0	.56 7.9
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1475.	3.3	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1475.	3.3	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1475.	3.3	.0	56.0	
16.	MD26 WB DP*	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1475.	3.3	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	600.	3.3	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203334.6	648945.6	*	196.	148. AG	115.	100.0	.0	24.0	.87 10.0
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	2125.	3.3	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203389.6	648903.7	*	256.	147. AG	100.	100.0	.0	36.0	.80 13.0
21.	TradeNBALL*	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	2725.	3.3	.0	44.0	
22.	Trade NBDP*	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	375.	3.3	.0	44.0	
23. 0	Trade NBDP*	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	375.	3.3	.0	44.0	
24. 0	Trade NBDP*	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	375.	3.3	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	50.	3.3	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203119.7	649284.4	*	23.	328. AG	143.	100.0	.0	24.0	.74 1.2
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	275.	3.3	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203093.0	649288.0	*	46.	327. G	141.	100.0	.0	36.0	.16 2.4
29.	TradeSBALL*	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	325.	3.3	.0	44.0	
30. 0	TradeSBALL*	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	325.	3.3	.0	44.0	
31. 0	TradeSBALL*	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	325.	3.3	.0	44.0	
32.	Trade SBDP*	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1325.	3.3	.0	44.0	
33. 0	Trade SBDP*	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1325.	3.3	.0	44.0	
34. 0	Trade SBDP*	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1325.	3.3	.0	44.0	
35. 0	Trade SBDP*	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1325.	3.3	.0	44.0	

JOB: S37 B130PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:29:49.91

RUN: S37 B130PM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	141	4.0	25	1717	28.30	2	3
4.	MD26 EBT	* 150	111	4.0	1850	1707	28.30	2	3
10.	MD26 WBL	* 150	128	4.0	600	1717	28.30	2	3
12.	MD26 WBT	* 150	98	4.0	875	1688	28.30	2	3
18.	Trade NBL	* 150	114	4.0	600	1717	28.30	2	3
20.	Trade NBT	* 150	66	4.0	2125	1707	28.30	2	3
26.	Trade SBL	* 150	141	4.0	50	1717	28.30	2	3
28.	Trade SBT	* 150	93	4.0	275	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B130PM MD 26 & TRADING LANE

S37B130P.OUT

RUN: S37 B130PM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5.	.1	.2	.3	.4	.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.1	.2	.3	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
15.	.1	.2	.3	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
20.	.1	.2	.2	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
25.	.1	.1	.2	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
30.	.1	.1	.2	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
35.	.1	.1	.2	.4	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
40.	.0	.1	.2	.4	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
45.	.0	.1	.2	.4	.5	.5	.3	.1	.1	.2	.0	.0	.0	.0	.0	.0	.1	.4	.1	.0
50.	.0	.1	.2	.3	.5	.4	.2	.1	.1	.3	.2	.0	.0	.0	.0	.0	.1	.5	.3	.1
55.	.0	.0	.1	.2	.5	.4	.3	.3	.3	.5	.4	.1	.0	.0	.0	.0	.2	.5	.3	.3
60.	.0	.0	.0	.2	.4	.3	.2	.3	.3	.5	.5	.1	.1	.0	.0	.1	.3	.7	.6	.3
65.	.0	.0	.0	.1	.2	.2	.1	.4	.4	.7	.7	.2	.1	.0	.0	.1	.4	.6	.5	.4
70.	.0	.0	.0	.0	.1	.1	.0	.5	.4	.8	.8	.3	.1	.0	.0	.1	.7	.6	.5	.4
75.	.0	.0	.0	.0	.1	.0	.0	.5	.4	.9	.8	.4	.1	.0	.0	.1	.7	.6	.5	.5
80.	.0	.0	.0	.0	.1	.0	.0	.5	.6	.9	.8	.5	.1	.1	.1	.1	.8	.5	.4	.4
85.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.9	.5	.1	.1	.1	.1	.2	.8	.5	.3	.3
90.	.0	.0	.0	.0	.0	.0	.0	.5	.6	1.0	.9	.5	.1	.1	.1	.2	.8	.5	.4	.2
95.	.0	.0	.0	.0	.0	.0	.0	.5	.4	.9	.8	.6	.2	.1	.2	.2	.9	.3	.4	.3
100.	.0	.0	.0	.0	.0	.0	.0	.6	.5	.9	.8	.6	.2	.1	.2	.2	.8	.3	.4	.5
105.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.9	.8	.6	.2	.1	.2	.2	.8	.3	.4	.7
110.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.2	.1	.2	.2	.7	.3	.4	.7
115.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.7	.5	.2	.1	.2	.3	.6	.3	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.8	.7	.5	.2	.1	.1	.1	.5	.5	.6	.4
125.	.1	.0	.0	.0	.0	.0	.0	.4	.7	.8	.7	.5	.2	.1	.1	.1	.5	.5	.6	.4
130.	.1	.2	.0	.0	.0	.0	.0	.4	.8	.8	.5	.4	.2	.0	.1	.2	.7	.5	.8	.4
135.	.2	.2	.2	.1	.0	.0	.0	.4	.8	.8	.6	.5	.2	.1	.1	.3	.7	.6	.5	.4
140.	.2	.2	.3	.2	.0	.0	.0	.4	.8	.8	.7	.6	.3	.1	.0	.3	.7	.6	.3	.4
145.	.2	.4	.4	.3	.1	.0	.0	.4	.8	.8	.8	.6	.3	.1	.0	.2	.6	.6	.3	.4
150.	.2	.4	.5	.3	.1	.1	.0	.4	.8	1.1	.7	.5	.3	.1	.0	.1	.3	.4	.4	.4
155.	.3	.5	.7	.5	.1	.1	.0	.4	.8	1.0	.6	.4	.4	.1	.1	.2	.4	.4	.4	.4
160.	.3	.6	.7	.5	.3	.1	.0	.4	.8	1.1	.7	.6	.2	.1	.1	.1	.3	.3	.4	.4
165.	.3	.7	.7	.5	.2	.1	.0	.4	.8	1.1	.5	.5	.2	.2	.1	.1	.3	.3	.4	.4
170.	.3	.7	.7	.6	.2	.1	.0	.3	1.0	1.1	.5	.3	.4	.2	.1	.2	.3	.3	.4	.4
175.	.2	.7	.8	.7	.3	.0	.0	.2	1.0	1.1	.4	.2	.3	.1	.1	.2	.3	.4	.4	.4
180.	.2	.6	.9	.8	.3	.2	.0	.3	1.1	1.0	.4	.3	.3	.1	.1	.2	.3	.4	.4	.4
185.	.2	.6	.9	.8	.3	.2	.0	.5	1.1	.8	.4	.4	.4	.1	.1	.2	.3	.4	.4	.5
190.	.2	.7	.9	.8	.3	.2	.0	.5	1.2	.8	.4	.3	.3	.1	.1	.2	.3	.4	.5	.5
195.	.2	.6	.8	.8	.3	.3	.0	.5	1.0	.8	.3	.4	.3	.1	.1	.2	.4	.4	.5	.5
200.	.2	.6	.8	.7	.3	.3	.0	.5	1.0	.6	.4	.6	.3	.1	.1	.2	.3	.5	.5	.4
205.	.3	.7	.8	.7	.3	.3	.0	.6	1.0	.6	.5	.6	.2	.1	.1	.2	.3	.5	.5	.4

1

JOB: S37 B130PM MD 26 & TRADING LANE

RUN: S37 B130PM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.8	.8	.7	.3	.3	.0	.6	1.0	.6	.5	.6	.2	.1	.1	.2	.3	.5	.4	.5
215.	.3	.8	.8	.7	.3	.3	.0	.7	.9	.7	.5	.6	.2	.1	.1	.2	.3	.4	.4	.5
220.	.3	.8	.8	.7	.5	.3	.0	.8	.9	.7	.5	.7	.2	.1	.1	.2	.3	.4	.5	.5
225.	.3	.8	.9	.8	.5	.4	.0	.5	.9	.5	.5	.7	.2	.1	.1	.1	.3	.5	.5	.5
230.	.3	.8	.9	1.0	.7	.6	.1	.6	.7	.5	.4	.7	.1	.1	.1	.1	.3	.4	.5	.5
235.	.3	.9	1.0	1.1	.8	.7	.2	.5	.6	.4	.5	.6	.1	.0	.0	.1	.2	.3	.4	.4
240.	.3	.9	1.2	1.1	.9	.6	.3	.4	.4	.4	.3	.5	.1	.0	.0	.1	.1	.2	.2	.2
245.	.3	1.0	1.2	1.1	.7	.7	.3	.4	.4	.4	.4	.4	.0	.0	.0	.0	.2	.2	.2	.2
250.	.3	1.0	1.3	1.2	.8	.7	.2	.1	.0	.2	.3	.2	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	1.0	1.3	1.1	.7	.6	.4	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	1.0	1.3	1.0	.6	.5	.4	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	1.1	1.2	.8	.6	.3	.4	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	1.1	1.0	.7	.4	.2	.4	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.2	1.1	.9	.6	.4	.3	.3	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.3	1.0	.9	.4	.3	.4	.3	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.3	1.1	.9	.5	.2	.4	.4	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0
290.	.5	1.1	.8	.4	.2	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.6	1.1	.6	.4	.3	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.7	.9	.5	.4	.4	.4	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.5	.9	.4	.3	.4	.4	.3	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
310.	.5	.7	.4	.3	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.7	.4	.3	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.6	.3	.4	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.2	.5	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.1	.4	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.0	.5	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.1	.4	.4	.4	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
345.	.1	.4	.3	.4	.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
350.	.1	.3	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
355.	.1	.3	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
360.	.1	.2	.3	.4	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0

1

JOB: S37 B130PM MD 26 & TRADING LANE

RUN: S37 B130PM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.8	.8	.3	.5	.8	.7
5.	.0	.7	.8	.8	.3	.7	.9	.7
10.	.0	.8	.8	.8	.4	.8	.9	.7
15.	.0	.8	.9	.8	.6	.7	.8	.6
20.	.0	.9	.8	1.0	.7	.7	.8	.4
25.	.0	.9	.9	1.1	.7	.7	.8	.4
30.	.0	.9	1.0	1.1	.7	.7	.7	.4
35.	.0	1.0	1.1	1.1	.8	.7	.6	.4
40.	.0	1.0	1.1	1.4	.7	.8	.6	.4
45.	.0	1.0	1.0	1.3	.8	.7	.6	.3
50.	.1	.9	.9	1.2	.8	.7	.6	.3
55.	.2	.7	.8	.9	.7	.7	.5	.2
60.	.2	.6	.7	.9	.7	.5	.5	.2
65.	.2	.3	.6	.9	.6	.5	.5	.2
70.	.2	.2	.5	.6	.5	.5	.5	.2
75.	.3	.1	.4	.6	.4	.5	.5	.4
80.	.3	.0	.4	.5	.5	.5	.5	.4
85.	.4	.0	.3	.5	.5	.5	.4	.3
90.	.4	.0	.3	.4	.5	.6	.4	.3
95.	.5	.0	.3	.4	.5	.6	.4	.3
100.	.4	.0	.1	.4	.5	.7	.5	.4
105.	.4	.0	.0	.4	.5	.7	.5	.4
110.	.4	.0	.1	.4	.5	.7	.5	.4
115.	.4	.0	.1	.5	.5	.6	.5	.4
120.	.4	.0	.1	.2	.5	.6	.4	.4
125.	.4	.0	.1	.1	.5	.6	.5	.3
130.	.4	.0	.0	.1	.5	.6	.4	.2
135.	.4	.0	.0	.0	.5	.6	.4	.2
140.	.4	.0	.0	.0	.2	.3	.3	.1
145.	.4	.0	.0	.0	.1	.2	.2	.1
150.	.4	.0	.0	.0	.1	.1	.1	.0
155.	.3	.0	.0	.0	.0	.1	.1	.0
160.	.3	.0	.0	.0	.0	.1	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.5	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B130PM MD 26 & TRADING LANE

RUN: S37 B130PM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.1	.0	.0	.0	.0
215.	.5	.0	.0	.2	.0	.0	.0	.0
220.	.5	.1	.2	.2	.1	.0	.0	.0
225.	.5	.2	.3	.3	.2	.0	.0	.0
230.	.4	.4	.5	.6	.4	.1	.0	.0
235.	.3	.6	.7	.9	.6	.2	.1	.0
240.	.2	.8	.9	1.2	.9	.3	.1	.1
245.	.2	1.0	1.0	1.3	1.0	.6	.2	.1
250.	.0	1.0	1.2	1.5	1.2	.6	.2	.1
255.	.0	1.1	1.3	1.3	1.1	.5	.2	.1
260.	.0	1.1	1.2	1.3	1.1	.6	.2	.1
265.	.0	1.0	1.1	1.2	1.0	.6	.2	.1
270.	.0	.9	1.1	1.1	1.0	.5	.2	.1
275.	.0	.9	.9	1.1	.9	.5	.3	.1
280.	.0	.9	.9	1.1	.8	.5	.3	.1
285.	.0	.8	.9	.9	.8	.5	.3	.1
290.	.0	.8	.8	.9	.8	.5	.3	.1
295.	.0	.8	.8	.9	.7	.5	.3	.1
300.	.0	.8	.8	.9	.7	.4	.3	.1
305.	.0	.8	.8	.8	.7	.3	.2	.1
310.	.0	.8	.8	.8	.6	.3	.2	.1
315.	.0	.8	.8	.8	.6	.2	.2	.2
320.	.0	.8	.8	.8	.5	.2	.3	.3
325.	.0	.8	.8	.8	.5	.3	.3	.3
330.	.0	.8	.8	.9	.4	.2	.3	.4
335.	.0	.8	.8	.8	.4	.2	.3	.5
340.	.0	.8	.8	.8	.3	.3	.2	.6
345.	.0	.8	.8	.8	.3	.3	.4	.6
350.	.0	.8	.8	.8	.3	.3	.4	.6
355.	.0	.7	.8	.8	.3	.4	.6	.6
360.	.0	.7	.8	.8	.3	.5	.8	.7

MAX DEGR.	95	255	255	250	250	40	5	0
1.5	1.1	1.3	1.5	1.2	.8	.9	.7	

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 250 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 255 DEGREES FROM REC23.

1

JOB: S37 B130PM MD 26 & TRADING LANE

RUN: S37 B130PM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/29/2006 TIME: 09:29:49.91

S37B130P.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 300	REC2 265	REC3 250	REC4 250	REC5 240	REC6 235	REC7 0	REC8 220	REC9 190	REC10 175	REC11 85	REC12 220	REC13 155	REC14 165	REC15 95	REC16 115	REC17 95	REC18 60	REC19 130	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
4	*	.1	.2	.4	.4	.3	.2	.0	.1	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.1	.2	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	*	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.3	.0	.0	.0	.1	.1	.1	.2	.0	
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.5	.0	.0	.0	.0	.1	.1	.1	.0	
13	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.1	.2	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	
19	*	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	
20	*	.2	.3	.3	.1	.1	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.1	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.4	.2	.0	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	

1

JOB: S37 B130PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:29:49.91

RUN: S37 B130PM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 255	REC23 255	REC24 250	REC25 250	REC26 40	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.3	.3	.3	.0	.0	.0
4	*	.2	.7	.8	1.0	.7	.0	.0	.0
5	*	.0	.3	.1	.1	.1	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.1	.1	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.2	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.2	.2	.1
19	*	.0	.0	.0	.0	.0	.1	.1	.1
20	*	.0	.0	.0	.0	.0	.1	.1	.2
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.0	.0	.0	.1	.2	.1

S37	B230AM	MD 26 & TRADING LANE	60.0175	0.0000	0.000280	30480000	S37B230A.DAT	11	1
REC 1	400'	SE CORNER	203483.	648873.	5.				
REC 2	164'	SE CORNER	203356.	648811.	5.				
REC 3	82'	SE CORNER	203302.	649101.	5.				
REC 4	SE CORNER	203296.	649131.	5.					
REC 5	82'	ES CORNER	203333.	649171.	5.				
REC 6	164'	ES CORNER	203393.	649200.	5.				
REC 7	400'	ES CORNER	203577.	649288.	5.				
REC 8	400'	EN CORNER	203507.	649469.	5.				
REC 9	164'	EN CORNER	203307.	649352.	5.				
REC 10	82'	EN CORNER	203226.	649298.	5.				
REC 11	NE CORNER	203187.	649280.	5.					
REC 12	82'	NE CORNER	203157.	649308.	5.				
REC 13	164'	NE CORNE	203110.	649380.	5.				
REC 14	400'	NE CORNE	202935.	649558.	5.				
REC 15	400'	NW CORNE	202871.	649514.	5.				
REC 16	184'	NW CORNE	203029.	649343.	5.				
REC 17	84'	NW CORNER	203070.	649277.	5.				
REC 18	NW CORNER	203088.	649229.	5.					
REC 19	82'	WN CORNER	203045.	649194.	5.				
REC 20	164'	WN CORNE	202969.	649146.	5.				
REC 21	400'	WN CORNE	202836.	649072.	5.				
REC 22	400'	WS CORNE	202866.	648887.	5.				
REC 23	164'	WS CORNE	203045.	648995.	5.				
REC 24	82'	WS CORNER	203111.	649039.	5.				
REC 25	SW CORNER	203172.	649066.	5.					
REC 26	82'	SW CORNER	203204.	649038.	5.				
REC 27	164'	SW CORNE	203250.	648957.	5.				
REC 28	400'	SW CORNE	203325.	648845.	5.				
S37	B230AM	MD26 & TRADING	35	1	1				
1		MD26 EBL	AG203198.	649156.	202877.	648965.	25	3.3	0. 44. 50.
2		MD26 EBL	AG203133.	649117.	202990.	649032.	0. 24	2	
130		121	4.0	25	28.3	1717 2 3			
1		MD26 EBT	AG203213.	649126.	202884.	648933.	675	3.3	0. 56. 50.
2		MD26 EBT	AG203152.	649090.	202978.	648989.	0. 36	3	
130		113	4.0	675	28.3	1707 2 3			
1		MD26 EB	ALAG202873.	648935.	202352.	648620.	700	3.3	0. 68. 50.
1		MD26 EB	DPAG204099.	649570.	203775.	649444.	700	3.3	0. 56. 50.
0		MD26 EB	DPAG203775.	649444.	203524.	649317.	700	3.3	0. 56. 50.
1		MD26 EB	DPAG203524.	649317.	203212.	649131.	700	3.3	0. 56. 50.
0		MD26 WBL	AG203180.	649199.	203518.	649418.	1575	3.3	0. 44. 50.
1		MD26 WBL	AG203227.	649229.	203401.	649342.	0. 24	2	
2		130	62	4.0	1575	28.3	1717 2 3		
1		MD26 WBT	AG203153.	649221.	203507.	649438.	1150	3.3	0. 56. 50.
2		MD26 WBT	AG203211.	649256.	203408.	649378.	0. 36	3	
130		54	4.0	1150	28.3	1689 2 3			
1		MD26 WB	ALAG203518.	649434.	203735.	649557.	2725	3.3	0. 56. 50.
1		MD26 WB	ALAG203735.	649557.	203891.	649627.	2725	3.3	0. 56. 50.
0		MD26 WB	ALAG203891.	649627.	204047.	649673.	2725	3.3	0. 56. 50.
1		MD26 WB	DPAG202306.	648692.	203156.	649219.	1775	3.3	0. 56.

1
0 Trade SBDPAG203321.648882.203155.649179. 2225 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B230AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:31:25.15

RUN: S37 B230AM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203126.2	649112.9	*	8.	239. AG	141.	100.0	.0	24.0	.31 .4
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	675.	3.3	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	202284.2	648586.1	*	1004.	240. AG	198.	100.0	.0	36.0	1.56 51.0
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	700.	3.3	.0	68.0	
6.	MD26 EB DP	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	700.	3.3	.0	56.0	
7. 0	MD26 EB DP	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	700.	3.3	.0	56.0	
8. 0	MD26 EB DP	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	700.	3.3	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	1575.	3.3	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	203495.8	649403.6	*	320.	57. AG	72.	100.0	.0	24.0	.96 16.3
11.	MD26 WBL	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	1150.	3.3	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203307.2	649315.6	*	113.	58. AG	95.	100.0	.0	36.0	.42 5.7
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	2725.	3.3	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	2725.	3.3	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	2725.	3.3	.0	56.0	
16.	MD26 WB DP	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1775.	3.3	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	625.	3.3	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203401.2	648838.6	*	322.	148. AG	118.	100.0	.0	24.0	1.03 16.4
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	700.	3.3	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203316.5	649018.1	*	120.	147. AG	165.	100.0	.0	36.0	.59 6.1
21.	TradeNBALL	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	1325.	3.3	.0	44.0	
22.	Trade NBDP	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	450.	3.3	.0	44.0	
23. 0	Trade NBDP	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	450.	3.3	.0	44.0	
24. 0	Trade NBDP	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	450.	3.3	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	25.	3.3	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203127.9	649271.4	*	8.	328. AG	135.	100.0	.0	24.0	.11 .4
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	375.	3.3	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203077.5	649312.3	*	75.	327. G	193.	100.0	.0	36.0	.68 3.8
29.	TradeSBALL	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	400.	3.3	.0	44.0	
30. 0	TradeSBALL	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	400.	3.3	.0	44.0	
31. 0	TradeSBALL	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	400.	3.3	.0	44.0	
32.	Trade SBDP	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	2225.	3.3	.0	44.0	
33. 0	Trade SBDP	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	2225.	3.3	.0	44.0	
34. 0	Trade SBDP	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	2225.	3.3	.0	44.0	
35. 0	Trade SBDP	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	2225.	3.3	.0	44.0	

JOB: S37 B230AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:31:25.15

RUN: S37 B230AM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 130	121	4.0	25	1717	28.30	2	3
4.	MD26 EBT	* 130	113	4.0	675	1707	28.30	2	3
10.	MD26 WBL	* 130	62	4.0	1575	1717	28.30	2	3
12.	MD26 WBT	* 130	54	4.0	1150	1689	28.30	2	3
18.	Trade NBL	* 130	101	4.0	625	1717	28.30	2	3
20.	Trade NBT	* 130	94	4.0	700	1707	28.30	2	3
26.	Trade SBL	* 130	116	4.0	25	1717	28.30	2	3
28.	Trade SBT	* 130	110	4.0	375	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B230AM MD 26 & TRADING LANE

S37B230A.OUT

RUN: S37 B230AM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.0
5.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.0
10.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.0
15.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.1	.0
20.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.2	.0
25.	.0	.0	.2	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.0
30.	.0	.0	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.2	.1
35.	.0	.0	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.2	.1
40.	.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.4	.2	.1
45.	.0	.0	.0	.1	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.6	.3	.2	.1
50.	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.6	.3	.2	.2
55.	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.2	.0	.0	.0	.0	.0	.6	.4	.2	.2
60.	.0	.0	.0	.0	.1	.0	.0	.2	.2	.5	.2	.0	.0	.0	.0	.0	.6	.4	.6	.2
65.	.0	.0	.0	.0	.1	.0	.0	.3	.2	.6	.5	.0	.0	.0	.0	.0	.6	.6	.6	.3
70.	.0	.0	.0	.0	.0	.0	.0	.4	.5	.6	.6	.1	.0	.0	.0	.0	.6	.5	.5	.3
75.	.0	.0	.0	.0	.0	.0	.0	.3	.5	.6	.6	.3	.0	.0	.0	.0	1.0	.5	.5	.3
80.	.0	.0	.0	.0	.0	.0	.0	.4	.4	.7	.6	.4	.0	.0	.0	.0	1.0	.5	.5	.2
85.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.4	.0	.0	.1	.0	1.0	.5	.3	.2
90.	.0	.0	.0	.0	.0	.0	.0	.3	.4	.7	.7	.4	.0	.0	.1	.0	1.0	.4	.2	.3
95.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.7	.6	.4	.0	.0	.1	.1	1.0	.3	.3	.4
100.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.6	.4	.1	.0	.1	.3	1.0	.2	.3	.6
105.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.1	.0	.1	.2	.8	.2	.4	.6
110.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.3	.8	.1	.5	.6
115.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.3	.6	.3	.5	.6
120.	.0	.0	.0	.0	.0	.0	.0	.3	.3	.6	.5	.4	.2	.0	.1	.4	.6	.4	.5	.6
125.	.0	.0	.0	.0	.0	.0	.0	.2	.3	.6	.5	.4	.2	.0	.1	.4	.7	.4	.6	.5
130.	.1	.0	.0	.0	.0	.0	.0	.2	.3	.6	.5	.4	.1	.1	.1	.4	.9	.4	.6	.4
135.	.1	.1	.0	.0	.0	.0	.0	.2	.3	.6	.4	.3	.1	.1	.1	.7	.7	.5	.5	.4
140.	.1	.1	.0	.0	.0	.0	.0	.2	.3	.6	.5	.5	.0	.1	.1	.7	.6	.5	.5	.4
145.	.2	.2	.2	.0	.0	.0	.0	.2	.3	.6	.5	.4	.3	.1	.0	.5	.6	.5	.5	.4
150.	.2	.2	.3	.2	.0	.0	.0	.2	.3	.8	.5	.6	.4	.1	.1	.5	.5	.5	.4	.4
155.	.2	.4	.4	.3	.0	.0	.0	.2	.3	.8	.6	.6	.4	.1	.1	.4	.4	.3	.4	.4
160.	.2	.3	.6	.4	.0	.0	.0	.2	.3	.8	.6	.6	.4	.2	.1	.3	.3	.3	.4	.4
165.	.2	.3	.7	.5	.1	.0	.0	.2	.4	.9	.5	.5	.3	.2	.1	.2	.2	.2	.4	.4
170.	.2	.4	.7	.7	.1	.0	.0	.2	.5	.9	.5	.4	.5	.2	.1	.2	.2	.3	.4	.4
175.	.2	.4	.8	.7	.2	.0	.0	.3	.6	.9	.4	.4	.4	.2	.1	.2	.3	.4	.4	.4
180.	.2	.4	.9	.8	.2	.1	.0	.3	.6	.8	.3	.3	.5	.2	.1	.2	.3	.4	.4	.4
185.	.2	.4	.9	.8	.3	.1	.0	.4	.8	.6	.4	.4	.5	.2	.1	.2	.3	.4	.4	.4
190.	.2	.4	.9	.8	.4	.1	.0	.3	.8	.6	.3	.3	.5	.2	.1	.2	.3	.4	.4	.4
195.	.2	.4	.9	.8	.4	.1	.0	.3	.8	.6	.3	.5	.5	.1	.1	.2	.3	.4	.4	.4
200.	.2	.4	.9	.8	.4	.2	.0	.3	.6	.6	.5	.5	.5	.1	.1	.2	.3	.4	.4	.4
205.	.2	.4	.9	.8	.4	.3	.0	.3	.7	.7	.4	.5	.6	.1	.1	.2	.3	.4	.4	.4

1

JOB: S37 B230AM MD 26 & TRADING LANE

RUN: S37 B230AM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.2	.4	.9	.8	.4	.3	.0	.3	.8	.6	.4	.4	.4	.1	.1	.2	.3	.4	.4	.4
215.	.2	.4	.8	.8	.4	.3	.0	.4	.9	.5	.4	.6	.3	.1	.0	.2	.3	.4	.4	.5
220.	.2	.4	.8	.8	.5	.3	.1	.5	.9	.5	.5	.5	.3	.1	.0	.2	.3	.4	.5	.5
225.	.2	.4	.8	.9	.5	.4	.1	.5	.8	.5	.5	.6	.2	.1	.0	.2	.2	.4	.5	.5
230.	.2	.4	.9	.9	.6	.4	.1	.5	.6	.6	.5	.6	.2	.0	.0	.1	.2	.4	.4	.4
235.	.2	.4	1.0	1.0	.7	.5	.1	.6	.4	.5	.5	.6	.1	.0	.0	.0	.2	.3	.3	.3
240.	.2	.5	1.1	.9	.7	.5	.1	.4	.5	.4	.3	.6	.1	.0	.0	.0	.0	.2	.3	.3
245.	.3	.5	1.1	1.2	.7	.6	.1	.1	.5	.4	.2	.3	.0	.0	.0	.0	.0	.1	.1	.1
250.	.3	.6	1.3	1.1	.6	.5	.2	.1	.1	.2	.3	.3	.0	.1	.0	.0	.0	.0	.1	.1
255.	.4	.6	1.2	1.0	.5	.4	.2	.0	.1	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0
260.	.3	.7	1.2	.7	.4	.3	.1	.0	.1	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0
265.	.3	.7	1.1	.5	.4	.2	.3	.0	.1	.2	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0
270.	.3	.8	1.1	.5	.2	.2	.3	.0	.0	.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0
275.	.4	.8	.9	.5	.2	.2	.3	.0	.0	.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0
280.	.4	.8	.9	.4	.2	.2	.2	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
285.	.4	.8	.7	.4	.2	.4	.2	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
290.	.5	.9	.7	.4	.3	.4	.2	.0	.0	.0	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0
295.	.5	1.0	.6	.2	.3	.4	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.5	.8	.4	.3	.3	.4	.2	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.5	.8	.4	.2	.5	.4	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
310.	.4	.7	.3	.2	.4	.4	.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
315.	.3	.7	.3	.3	.4	.4	.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0
320.	.2	.5	.2	.2	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
325.	.1	.4	.1	.2	.4	.3	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0
330.	.0	.3	.1	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
335.	.0	.1	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0
340.	.0	.1	.2	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0
345.	.0	.0	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0
350.	.0	.0	.3	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	.3	.0	.0
355.	.0	.0	.3	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0	.0
360.	.0	.0	.2	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.1	.0

1

JOB: S37 B230AM MD 26 & TRADING LANE

RUN: S37 B230AM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.8	.9	.3	.3	.6	.6
5.	.0	.7	.9	1.0	.3	.3	.7	.6
10.	.0	.7	.9	.9	.3	.5	.7	.5
15.	.0	.7	1.0	.8	.4	.6	.7	.5
20.	.0	.8	.9	.9	.5	.7	.7	.4
25.	.0	.8	.8	.9	.6	.7	.7	.4
30.	.0	.9	.8	1.0	.5	.6	.6	.4
35.	.0	.9	.8	1.0	.5	.7	.6	.4
40.	.0	.9	.9	1.0	.6	.6	.6	.4
45.	.0	.8	.8	.9	.7	.6	.5	.4
50.	.0	.7	.7	.6	.5	.6	.5	.4
55.	.1	.6	.6	.6	.5	.6	.5	.4
60.	.1	.5	.6	.6	.4	.6	.4	.4
65.	.1	.3	.6	.6	.5	.6	.4	.4
70.	.2	.2	.4	.5	.5	.6	.4	.4
75.	.2	.1	.4	.4	.5	.6	.4	.5
80.	.3	.0	.3	.3	.6	.6	.4	.5
85.	.3	.0	.3	.3	.6	.6	.4	.4
90.	.4	.0	.2	.3	.6	.6	.4	.5
95.	.4	.0	.2	.3	.6	.6	.4	.5
100.	.4	.0	.2	.3	.6	.6	.5	.5
105.	.4	.0	.2	.2	.6	.6	.5	.5
110.	.4	.0	.1	.2	.5	.6	.5	.4
115.	.4	.0	.0	.2	.5	.5	.5	.5
120.	.4	.0	.0	.2	.5	.5	.7	.5
125.	.3	.0	.0	.2	.4	.5	.6	.5
130.	.3	.0	.0	.1	.4	.5	.6	.3
135.	.3	.0	.0	.0	.3	.5	.5	.3
140.	.4	.0	.0	.0	.3	.5	.4	.1
145.	.4	.0	.0	.0	.2	.5	.3	.1
150.	.4	.0	.0	.0	.1	.2	.3	.1
155.	.4	.0	.0	.0	.1	.2	.1	.0
160.	.3	.0	.0	.0	.0	.1	.1	.0
165.	.3	.0	.0	.0	.0	.1	.1	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.4	.0	.0	.0	.0	.0	.0	.0
205.	.4	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B230AM MD 26 & TRADING LANE

RUN: S37 B230AM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.4	.0	.0	.0	.0	.0	.0	.0
215.	.4	.0	.0	.1	.0	.0	.0	.0
220.	.4	.1	.1	.1	.1	.0	.0	.0
225.	.4	.1	.2	.3	.1	.0	.0	.0
230.	.3	.2	.3	.5	.3	.1	.0	.0
235.	.3	.5	.6	.7	.5	.2	.0	.0
240.	.2	.6	.7	.9	.7	.2	.1	.0
245.	.1	.7	.9	1.2	.9	.3	.1	.0
250.	.0	.9	1.1	1.3	1.0	.4	.2	.1
255.	.0	1.0	1.1	1.3	1.0	.5	.2	.1
260.	.0	1.0	1.1	1.2	1.0	.5	.2	.1
265.	.0	.9	1.0	1.1	1.0	.5	.2	.1
270.	.0	.9	1.0	1.1	.9	.5	.2	.1
275.	.0	.9	.9	1.0	.9	.5	.2	.1
280.	.0	.9	.9	1.0	.8	.5	.2	.1
285.	.0	.8	.9	.9	.8	.5	.2	.1
290.	.0	.8	.8	.9	.7	.4	.2	.1
295.	.0	.8	.8	.9	.7	.4	.2	.1
300.	.0	.8	.8	.9	.7	.4	.2	.1
305.	.0	.7	.8	.8	.6	.3	.2	.1
310.	.0	.7	.8	.8	.6	.3	.2	.3
315.	.0	.7	.8	.8	.5	.4	.2	.3
320.	.0	.7	.8	.8	.5	.3	.2	.4
325.	.0	.7	.8	.8	.4	.3	.3	.4
330.	.0	.7	.8	.8	.5	.5	.3	.5
335.	.0	.7	.8	.8	.5	.3	.3	.6
340.	.0	.7	.8	.8	.5	.4	.3	.6
345.	.0	.7	.8	.9	.4	.4	.4	.7
350.	.0	.7	.8	.9	.3	.3	.5	.7
355.	.0	.7	.8	.9	.3	.3	.5	.7
360.	.0	.7	.8	.9	.3	.3	.6	.6

MAX DEGR.	90	255	250	150	250	20	5	345
1.0								
1.1								
1.3								
1.0								
.7								

THE HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC3 .
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 250 DEGREES FROM REC24 .
 THE 3RD HIGHEST CONCENTRATION IS 1.20 PPM AT 245 DEGREES FROM REC4 .

1

JOB: S37 B230AM MD 26 & TRADING LANE

RUN: S37 B230AM MD26 & TRADING
Page 3

PAGE 7

DATE: 12/29/2006 TIME: 09:31:25.15

S37B230A.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK	#	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
		290	295	250	245	235	245	265	235	215	165	85	150	205	160	85	135	75	65	60	100
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	*	.1	.1	.4	.4	.3	.2	.0	.1	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1	
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	*	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	
10	*	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	
11	*	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.2	.1	.0	.0	.0	.0	.1	.1	.1	
12	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.0	.0	.0	.0	.0	.1	.1	.1	
13	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	*	.0	.0	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	
17	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	*	.2	.2	.2	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.1	
19	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	*	.0	.4	.4	.3	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.1	
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.6	.2	.1	
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
35	*	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.1	

1

JOB: S37 B230AM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:31:25.15

RUN: S37 B230AM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 90	REC22 255	REC23 250	REC24 250	REC25 250	REC26 20	REC27 5	REC28 345
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.0	.1	.1	.1	.0	.0	.0
4	*	.2	.8	.9	1.1	.8	.0	.0	.0
5	*	.0	.1	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.0	.0	.0
9	*	.0	.0	.0	.0	.0	.1	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.1	.2	.2
19	*	.0	.0	.0	.0	.0	.0	.0	.0
20	*	.0	.0	.0	.0	.0	.1	.2	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.1	.1
35	*	.0	.0	.0	.0	.0	.3	.3	.3

S37B230P.DAT

S37 B230PM MD 26 & TRADING LANE	60.0175.0.0000.000280.30480000	11	1

REC 1	400'	SE CORNER	203483.	648873.	5.		
REC 2	164'	SE CORNER	203356.	649011.	5.		
REC 3	82'	SE CORNER	203302.	649101.	5.		
REC 4		SE CORNER	203296.	649131.	5.		
REC 5	82'	ES CORNER	203333.	649171.	5.		
REC 6	164'	ES CORNER	203393.	649200.	5.		
REC 7	400'	ES CORNER	203577.	649288.	5.		
REC 8	400'	EN CORNER	203507.	649469.	5.		
REC 9	164'	EN CORNER	203307.	649352.	5.		
REC 10	82'	EN CORNER	203226.	649298.	5.		
REC 11		NE CORNER	203187.	649280.	5.		
REC 12	82'	NE CORNER	203157.	649308.	5.		
REC 13	164'	NE CORNE	203110.	649380.	5.		
REC 14	400'	NE CORNE	202935.	649558.	5.		
REC 15	400'	NW CORNE	202871.	649514.	5.		
REC 16	184'	NW CORNE	203029.	649343.	5.		
REC 17	84'	NW CORNER	203070.	649277.	5.		
REC 18		NW CORNER	203088.	649229.	5.		
REC 19	82'	WN CORNER	203045.	649194.	5.		
REC 20	164'	WN CORNE	202969.	649146.	5.		
REC 21	400'	WN CORNE	202836.	649072.	5.		
REC 22	400'	WS CORNE	202866.	648887.	5.		
REC 23	164'	WS CORNE	203045.	648995.	5.		
REC 24	82'	WS CORNER	203111.	649039.	5.		
REC 25		SW CORNER	203172.	649066.	5.		
REC 26	82'	SW CORNER	203204.	649038.	5.		
REC 27	164'	SW CORNE	203250.	648957.	5.		
REC 28	400'	SW CORNE	203325.	648845.	5.		

S37 B230PM MD26 & TRADING 35 1 1

1	MD26 EBL	AG203198.649156.202877.648965.	25	3.3	0.	44.	50.
2	MD26 EBL	AG203133.649117.202990.649032.	0.	24	2		
150	141	4.0 25 28.3 1717 2 3					
1	MD26 EBT	AG203213.649126.202884.648933.	1850	3.3	0.	56.	50.
2	MD26 EBT	AG203152.649090.202978.648989.	0.	36	3		
150	112	4.0 1850 28.3 1707 2 3					
1	MD26 EB	ALAG202873.648935.202352.648620.	1875	3.3	0.	68.	50.
1	MD26 EB	DPAG204099.649570.203775.649444.	3200	3.3	0.	56.	50.
0	MD26 EB	DPAG203775.649444.203524.649317.	3200	3.3	0.	56.	50.
1	MD26 EB	DPAG203524.649317.203212.649131.	3200	3.3	0.	56.	50.
0	MD26 WBL	AG203180.649199.203518.649418.	600	3.3	0.	44.	50.
2	MD26 WBL	AG203227.649229.203401.649342.	0.	24	2		
150	127	4.0 600 28.3 1717 2 3					
1	MD26 WBT	AG203153.649221.203507.649438.	875	3.3	0.	56.	50.
2	MD26 WBT	AG203211.649256.203408.649378.	0.	36	3		
150	98	4.0 875 28.3 1688 2 3					
1	MD26 WB	ALAG203518.649434.203735.649557.	1475	3.3	0.	56.	50.
0	MD26 WB	ALAG203735.649557.203891.649627.	1475	3.3	0.	56.	50.
1	MD26 WB	ALAG203891.649627.204047.649673.	1475	3.3	0.	56.	50.
0	MD26 WB	DPAG202306.648692.203156.649219.	1475	3.3	0.	56.	50.
1	Trade NBL	AG203186.649183.203397.648846.	600	3.3	0.	44.	50.
2	Trade NBL	AG203231.649112.203325.648961.	0.	24	2		
150	114	4.0 600 28.3 1717 2 3					
0	Trade NBT	AG203207.649190.203417.648861.	2100	3.3	0.	56.	50.
2	Trade NBT	AG203252.649119.203369.648936.	0.	36	3		
150	66	4.0 2100 28.3 1707 2 3					
1	TradeNBALLAG	203419.648857.203870.648467.	2700	3.3	0.	44.	50.
1	Trade NBDPAG	202549.649963.202799.649642.	375	3.3	0.	44.	50.
0	Trade NBDPAG	202799.649642.203040.649444.	375	3.3	0.	44.	50.
1	Trade NBDPAG	203040.649444.203208.649191.	375	3.3	0.	44.	50.
0	Trade SBL	AG203183.649184.203039.649412.	50	3.3	0.	44.	50.
2	Trade SBL	AG203132.649265.203056.649385.	0.	24	2		
150	141	4.0 50 28.3 1717 2 3					
1	Trade SBT	AG203159.649184.203022.649400.	275	3.3	0.	56.	50.
2	Trade SBT	G203118.649249.203036.649377.	0.	36	3		
150	93	4.0 275 28.3 1707 2 3					
1	TradeSBALLAG	203016.649412.202823.649571.	325	3.3	0.	44.	50.
0	TradeSBALLAG	202823.649571.202686.649728.	325	3.3	0.	44.	50.
1	TradeSBALLAG	202686.649728.202523.649939.	325	3.3	0.	44.	50.
0	Trade SBDPAG	203852.648449.203638.648625.	1325	3.3	0.	44.	50.
1	Trade SBDPAG	203638.648625.203464.648752.	1325	3.3	0.	44.	50.
0	Trade SBDPAG	203464.648752.203321.648882.	1325	3.3	0.	44.	50.

Page 1

1
0 Trade SBDPAG203321.648882.203155.649179. 1325 3.3 0. 44. 50.
1.0 0.4 1000. 0.0Y 5 0 72

JOB: S37 B230PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:32:05.63

RUN: S37 B230PM MD26 & TRADING

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 175. CM
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1.	MD26 EBL	* 203198.0	649156.0	202877.0	648965.0	*	374.	239. AG	25.	3.3	.0	44.0	
2.	MD26 EBL	* 203133.0	649117.0	203125.0	649112.3	*	9.	239. AG	143.	100.0	.0	24.0	.35 .5
3.	MD26 EBT	* 203213.0	649126.0	202884.0	648933.0	*	381.	240. AG	1850.	3.3	.0	56.0	
4.	MD26 EBT	* 203152.0	649090.0	200590.2	647602.4	*	2962.	240. AG	170.	100.0	.0	36.0	1.69 150.5
5.	MD26 EB AL	* 202873.0	648935.0	202352.0	648620.0	*	609.	239. AG	1875.	3.3	.0	68.0	
6.	MD26 EB DP*	* 204099.0	649570.0	203775.0	649444.0	*	348.	249. AG	3200.	3.3	.0	56.0	
7. 0	MD26 EB DP*	* 203775.0	649444.0	203524.0	649317.0	*	281.	243. AG	3200.	3.3	.0	56.0	
8. 0	MD26 EB DP*	* 203524.0	649317.0	203212.0	649131.0	*	363.	239. AG	3200.	3.3	.0	56.0	
9.	MD26 WBL	* 203180.0	649199.0	203518.0	649418.0	*	403.	57. AG	600.	3.3	.0	44.0	
10.	MD26 WBL	* 203227.0	649229.0	204338.3	649950.6	*	1325.	57. AG	129.	100.0	.0	24.0	1.55 67.3
11.	MD26 WBT	* 203153.0	649221.0	203507.0	649438.0	*	415.	58. AG	875.	3.3	.0	56.0	
12.	MD26 WBT	* 203211.0	649256.0	203343.6	649338.1	*	156.	58. AG	149.	100.0	.0	36.0	.56 7.9
13.	MD26 WB AL	* 203518.0	649434.0	203735.0	649557.0	*	249.	60. AG	1475.	3.3	.0	56.0	
14. 0	MD26 WB AL	* 203735.0	649557.0	203891.0	649627.0	*	171.	66. AG	1475.	3.3	.0	56.0	
15. 0	MD26 WB AL	* 203891.0	649627.0	204047.0	649673.0	*	163.	74. AG	1475.	3.3	.0	56.0	
16.	MD26 WB DP*	* 202306.0	648692.0	203156.0	649219.0	*	1000.	58. AG	1475.	3.3	.0	56.0	
17.	Trade NBL	* 203186.0	649183.0	203397.0	648846.0	*	398.	148. AG	600.	3.3	.0	44.0	
18.	Trade NBL	* 203231.0	649112.0	203334.6	648945.6	*	196.	148. AG	115.	100.0	.0	24.0	.87 10.0
19. 0	Trade NBT	* 203207.0	649190.0	203417.0	648861.0	*	390.	147. AG	2100.	3.3	.0	56.0	
20.	Trade NBT	* 203252.0	649119.0	203388.1	648906.2	*	253.	147. AG	100.	100.0	.0	36.0	.79 12.8
21.	TradeNBALL*	* 203419.0	648857.0	203870.0	648467.0	*	596.	131. AG	2700.	3.3	.0	44.0	
22.	Trade NBDP*	* 202549.0	649963.0	202799.0	649642.0	*	407.	142. AG	375.	3.3	.0	44.0	
23. 0	Trade NBDP*	* 202799.0	649642.0	203040.0	649444.0	*	312.	129. AG	375.	3.3	.0	44.0	
24. 0	Trade NBDP*	* 203040.0	649444.0	203208.0	649191.0	*	304.	146. AG	375.	3.3	.0	44.0	
25.	Trade SBL	* 203183.0	649184.0	203039.0	649412.0	*	270.	328. AG	50.	3.3	.0	44.0	
26.	Trade SBL	* 203132.0	649265.0	203119.7	649284.4	*	23.	328. AG	143.	100.0	.0	24.0	.74 1.2
27.	Trade SBT	* 203159.0	649184.0	203022.0	649400.0	*	256.	328. AG	275.	3.3	.0	56.0	
28.	Trade SBT	* 203118.0	649249.0	203093.0	649288.0	*	46.	327. G	141.	100.0	.0	36.0	.16 2.4
29.	TradeSBALL*	* 203016.0	649412.0	202823.0	649571.0	*	250.	309. AG	325.	3.3	.0	44.0	
30. 0	TradeSBALL*	* 202823.0	649571.0	202686.0	649728.0	*	208.	319. AG	325.	3.3	.0	44.0	
31. 0	TradeSBALL*	* 202686.0	649728.0	202523.0	649939.0	*	267.	322. AG	325.	3.3	.0	44.0	
32.	Trade SBDP*	* 203852.0	648449.0	203638.0	648625.0	*	277.	309. AG	1325.	3.3	.0	44.0	
33. 0	Trade SBDP*	* 203638.0	648625.0	203464.0	648752.0	*	215.	306. AG	1325.	3.3	.0	44.0	
34. 0	Trade SBDP*	* 203464.0	648752.0	203321.0	648882.0	*	193.	312. AG	1325.	3.3	.0	44.0	
35. 0	Trade SBDP*	* 203321.0	648882.0	203155.0	649179.0	*	340.	331. AG	1325.	3.3	.0	44.0	

JOB: S37 B230PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:32:05.63

RUN: S37 B230PM MD26 & TRADING

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2.	MD26 EBL	* 150	141	4.0	25	1717	28.30	2	3
4.	MD26 EBT	* 150	112	4.0	1850	1707	28.30	2	3
10.	MD26 WBL	* 150	127	4.0	600	1717	28.30	2	3
12.	MD26 WBT	* 150	98	4.0	875	1688	28.30	2	3
18.	Trade NBL	* 150	114	4.0	600	1717	28.30	2	3
20.	Trade NBT	* 150	66	4.0	2100	1707	28.30	2	3
26.	Trade SBL	* 150	141	4.0	50	1717	28.30	2	3
28.	Trade SBT	* 150	93	4.0	275	1707	28.30	2	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. REC 1 400' SE CORNER	*	203483.0	648873.0	5.0	*
2. REC 2 164' SE CORNER	*	203356.0	649011.0	5.0	*
3. REC 3 82' SE CORNER	*	203302.0	649101.0	5.0	*
4. REC 4 SE CORNER	*	203296.0	649131.0	5.0	*
5. REC 5 82' ES CORNER	*	203333.0	649171.0	5.0	*
6. REC 6 164' ES CORNER	*	203393.0	649200.0	5.0	*
7. REC 7 400' ES CORNER	*	203577.0	649288.0	5.0	*
8. REC 8 400' EN CORNER	*	203507.0	649469.0	5.0	*
9. REC 9 164' EN CORNER	*	203307.0	649352.0	5.0	*
10. REC 10 82' EN CORNER	*	203226.0	649298.0	5.0	*
11. REC 11 NE CORNER	*	203187.0	649280.0	5.0	*
12. REC 12 82' NE CORNER	*	203157.0	649308.0	5.0	*
13. REC 13 164' NE CORNE	*	203110.0	649380.0	5.0	*
14. REC 14 400' NE CORNE	*	202935.0	649558.0	5.0	*
15. REC 15 400' NW CORNE	*	202871.0	649514.0	5.0	*
16. REC 16 184' NW CORNE	*	203029.0	649343.0	5.0	*
17. REC 17 84' NW CORNER	*	203070.0	649277.0	5.0	*
18. REC 18 NW CORNER	*	203088.0	649229.0	5.0	*
19. REC 19 82' WN CORNER	*	203045.0	649194.0	5.0	*
20. REC 20 164' WN CORNE	*	202969.0	649146.0	5.0	*
21. REC 21 400' WN CORNE	*	202836.0	649072.0	5.0	*
22. REC 22 400' WS CORNE	*	202866.0	648887.0	5.0	*
23. REC 23 164' WS CORNE	*	203045.0	648995.0	5.0	*
24. REC 24 82' WS CORNER	*	203111.0	649039.0	5.0	*
25. REC 25 SW CORNER	*	203172.0	649066.0	5.0	*
26. REC 26 82' SW CORNER	*	203204.0	649038.0	5.0	*
27. REC 27 164' SW CORNE	*	203250.0	648957.0	5.0	*
28. REC 28 400' SW CORNE	*	203325.0	648845.0	5.0	*

JOB: S37 B230PM MD 26 & TRADING LANE

S37B230P.OUT

RUN: S37 B230PM MD26 & TRADING

MODEL RESULTS

REMARKS : In search of the angle corresponding to
the maximum concentration, only the first
angle, of the angles with same maximum
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
0.	.1	.2	.4	.5	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5.	.1	.2	.4	.5	.7	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
10.	.1	.2	.4	.5	.7	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
15.	.1	.2	.4	.5	.6	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
20.	.1	.2	.3	.6	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
25.	.1	.2	.3	.5	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
30.	.1	.3	.3	.6	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
35.	.0	.2	.3	.6	.7	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
40.	.0	.2	.3	.6	.7	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
45.	.0	.2	.4	.6	.8	.7	.5	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	.4	.1	.0
50.	.0	.0	.3	.5	.7	.5	.4	.1	.1	.3	.2	.0	.0	.0	.0	.0	.1	.5	.3	.1
55.	.0	.0	.3	.4	.6	.5	.4	.3	.3	.5	.3	.1	.0	.0	.0	.0	.2	.5	.3	.3
60.	.0	.0	.1	.4	.6	.5	.2	.3	.3	.5	.5	.1	.1	.0	.0	.1	.3	.7	.6	.3
65.	.0	.0	.0	.2	.4	.2	.2	.4	.4	.7	.6	.2	.1	.0	.0	.1	.4	.6	.5	.4
70.	.0	.0	.0	.1	.3	.2	.2	.5	.4	.9	.8	.3	.1	.0	.0	.1	.7	.6	.6	.5
75.	.0	.0	.0	.0	.1	.1	.0	.6	.5	1.0	.9	.4	.1	.0	.0	.1	.7	.7	.6	.5
80.	.0	.0	.0	.0	.1	.0	.0	.6	.6	1.1	.6	1.1	.1	.1	.1	.1	.8	.5	.4	.4
85.	.0	.0	.0	.0	.1	.0	.0	.6	.6	1.1	.7	.1	.1	.1	.1	.2	.9	.5	.3	.3
90.	.0	.0	.0	.0	.1	.0	.0	.7	.6	1.1	.9	.6	.1	.1	.1	.2	.9	.5	.4	.3
95.	.0	.0	.0	.0	.0	.0	.0	.7	.6	.9	.8	.6	.2	.1	.2	.3	.9	.3	.4	.4
100.	.0	.0	.0	.0	.0	.0	.0	.7	.7	.9	.8	.6	.3	.1	.2	.3	.8	.3	.4	.5
105.	.0	.0	.0	.0	.0	.0	.0	.6	.6	.9	.8	.6	.3	.1	.2	.3	.8	.3	.4	.7
110.	.0	.0	.0	.0	.0	.0	.0	.5	.6	.9	.8	.5	.3	.1	.2	.3	.7	.3	.5	.7
115.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.7	.5	.3	.1	.2	.4	.6	.3	.6	.6
120.	.0	.0	.0	.0	.0	.0	.0	.4	.7	.8	.7	.5	.3	.1	.1	.2	.5	.5	.6	.4
125.	.1	.0	.0	.0	.0	.0	.0	.4	.7	.8	.7	.5	.3	.1	.1	.2	.6	.6	.6	.4
130.	.1	.2	.0	.0	.0	.0	.0	.4	.8	.8	.5	.4	.3	.0	.1	.3	.8	.5	.8	.4
135.	.2	.2	.2	.1	.0	.0	.0	.4	.8	.8	.6	.5	.3	.1	.1	.3	.7	.6	.5	.4
140.	.2	.2	.3	.2	.0	.0	.0	.4	.8	.8	.7	.6	.4	.1	.0	.3	.7	.6	.3	.4
145.	.2	.4	.4	.3	.1	.0	.0	.4	.8	.8	.8	.6	.4	.1	.0	.2	.6	.6	.3	.4
150.	.2	.4	.5	.3	.1	.1	.0	.4	.8	1.1	.7	.5	.4	.1	.0	.1	.3	.4	.4	.4
155.	.3	.5	.7	.5	.1	.1	.0	.4	.8	1.0	.6	.5	.4	.1	.1	.2	.4	.4	.4	.4
160.	.3	.6	.7	.5	.3	.1	.0	.4	.8	1.1	.7	.7	.2	.1	.1	.1	.3	.3	.4	.4
165.	.3	.7	.7	.5	.2	.1	.0	.4	.8	1.1	.6	.5	.2	.2	.1	.1	.3	.3	.4	.4
170.	.3	.7	.7	.6	.2	.1	.0	.4	1.0	1.1	.6	.3	.4	.2	.1	.2	.3	.3	.4	.4
175.	.2	.7	.8	.7	.3	.0	.0	.4	1.0	1.1	.4	.2	.3	.1	.1	.2	.3	.4	.4	.4
180.	.2	.6	.9	.8	.3	.2	.0	.3	1.1	1.0	.4	.3	.3	.1	.1	.2	.3	.4	.4	.4
185.	.2	.6	.9	.8	.3	.2	.0	.4	1.1	.9	.4	.4	.4	.1	.1	.2	.3	.4	.4	.5
190.	.2	.7	.8	.8	.3	.2	.0	.5	1.2	.9	.4	.3	.3	.1	.1	.2	.3	.4	.5	.5
195.	.2	.6	.8	.8	.3	.3	.0	.5	1.0	.8	.3	.4	.3	.1	.1	.2	.4	.4	.5	.5
200.	.2	.6	.8	.7	.3	.3	.0	.5	1.0	.6	.4	.6	.3	.1	.1	.2	.3	.5	.5	.4
205.	.3	.7	.8	.7	.3	.3	.0	.6	1.1	.6	.5	.6	.2	.1	.1	.2	.3	.5	.5	.4

1

JOB: S37 B230PM MD 26 & TRADING LANE

RUN: S37 B230PM MD26 & TRADING

PAGE 4

WIND ANGLE (DEGR)	* REC1	* REC2	* REC3	* REC4	* REC5	* REC6	* REC7	* REC8	* REC9	* REC10	* REC11	* REC12	* REC13	* REC14	* REC15	* REC16	* REC17	* REC18	* REC19	* REC20
210.	.3	.8	.8	.7	.4	.3	.0	.6	1.0	.6	.5	.6	.2	.1	.1	.2	.3	.5	.4	.5
215.	.3	.8	.8	.7	.4	.3	.0	.7	.9	.7	.5	.6	.2	.1	.1	.2	.3	.4	.4	.5
220.	.3	.8	.8	.7	.5	.3	.0	.8	.9	.7	.5	.7	.3	.1	.1	.2	.3	.4	.5	.5
225.	.3	.8	.9	.8	.5	.5	.0	.6	.9	.5	.5	.7	.2	.1	.1	.1	.3	.5	.5	.5
230.	.3	.8	.9	1.0	.8	.6	.2	.6	.7	.5	.4	.7	.1	.1	.1	.1	.3	.4	.5	.5
235.	.3	.9	1.0	1.1	.9	.8	.2	.5	.6	.4	.5	.6	.1	.0	.0	.1	.2	.3	.4	.4
240.	.3	.9	1.2	1.1	1.0	.7	.3	.4	.4	.4	.3	.5	.1	.0	.0	.1	.1	.2	.2	.2
245.	.3	1.0	1.3	1.2	.8	.8	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.1	.2	.2	.2
250.	.3	1.0	1.3	1.2	1.0	.9	.4	.1	.0	.2	.3	.2	.0	.0	.0	.0	.0	.1	.1	.1
255.	.4	1.0	1.3	1.1	.9	.8	.5	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
260.	.4	1.0	1.3	1.1	.8	.7	.5	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
265.	.3	1.1	1.2	.9	.7	.5	.5	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
270.	.3	1.1	1.0	.8	.6	.4	.5	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
275.	.2	1.1	1.0	.7	.6	.5	.5	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
280.	.3	1.0	1.0	.6	.5	.6	.5	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
285.	.3	1.1	.9	.6	.4	.6	.5	.0	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0
290.	.5	1.1	.7	.5	.4	.5	.4	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
295.	.6	1.1	.6	.5	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
300.	.6	1.0	.5	.5	.5	.5	.3	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0
305.	.5	.9	.5	.4	.5	.5	.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0
310.	.5	.8	.5	.4	.5	.5	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
315.	.3	.8	.5	.4	.5	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
320.	.3	.7	.4	.5	.5	.5	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
325.	.3	.5	.4	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
330.	.2	.4	.5	.5	.7	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
335.	.1	.5	.5	.5	.6	.5	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
340.	.2	.4	.5	.5	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
345.	.2	.4	.4	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
350.	.2	.3	.4	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
355.	.2	.3	.4	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
360.	.1	.2	.4	.5	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

1

JOB: S37 B230PM MD 26 & TRADING LANE

RUN: S37 B230PM MD26 & TRADING

PAGE 5

MODEL RESULTS

Page 2

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
0.	.0	.7	.8	.8	.3	.6	.8	.8
5.	.0	.7	.8	.8	.3	.7	.9	.8
10.	.0	.8	.9	.8	.4	.8	.9	.8
15.	.0	.8	.9	.8	.7	.7	.8	.7
20.	.0	.9	.8	1.0	.7	.8	.8	.5
25.	.0	.9	.9	1.1	.7	.8	.8	.4
30.	.0	.9	1.0	1.2	.8	.8	.7	.4
35.	.0	1.0	1.1	1.2	.9	.8	.7	.4
40.	.0	1.0	1.2	1.4	.8	.8	.7	.4
45.	.0	1.0	1.0	1.4	.9	.8	.6	.3
50.	.1	1.0	.9	1.3	.9	.7	.6	.3
55.	.2	.8	.8	1.0	.8	.7	.5	.2
60.	.2	.7	.7	1.0	.8	.6	.5	.2
65.	.2	.3	.7	.8	.6	.5	.5	.2
70.	.3	.2	.6	.7	.5	.5	.5	.2
75.	.4	.1	.5	.6	.5	.5	.5	.4
80.	.4	.0	.4	.5	.5	.5	.5	.4
85.	.4	.0	.3	.5	.5	.5	.4	.3
90.	.4	.0	.3	.4	.5	.6	.4	.3
95.	.5	.0	.3	.4	.5	.6	.4	.3
100.	.4	.0	.1	.4	.5	.7	.5	.4
105.	.4	.0	.0	.4	.5	.7	.5	.4
110.	.4	.0	.1	.4	.5	.7	.5	.4
115.	.4	.0	.1	.5	.5	.6	.5	.4
120.	.4	.0	.1	.2	.5	.6	.4	.4
125.	.4	.0	.1	.1	.5	.6	.5	.3
130.	.4	.0	.0	.1	.5	.6	.4	.2
135.	.4	.0	.0	.0	.4	.6	.4	.2
140.	.4	.0	.0	.0	.2	.3	.3	.1
145.	.4	.0	.0	.0	.1	.2	.2	.1
150.	.4	.0	.0	.0	.1	.1	.1	.0
155.	.3	.0	.0	.0	.0	.1	.1	.0
160.	.3	.0	.0	.0	.0	.1	.0	.0
165.	.3	.0	.0	.0	.0	.0	.0	.0
170.	.3	.0	.0	.0	.0	.0	.0	.0
175.	.4	.0	.0	.0	.0	.0	.0	.0
180.	.4	.0	.0	.0	.0	.0	.0	.0
185.	.4	.0	.0	.0	.0	.0	.0	.0
190.	.4	.0	.0	.0	.0	.0	.0	.0
195.	.4	.0	.0	.0	.0	.0	.0	.0
200.	.5	.0	.0	.0	.0	.0	.0	.0
205.	.5	.0	.0	.0	.0	.0	.0	.0

1

JOB: S37 B230PM MD 26 & TRADING LANE

RUN: S37 B230PM MD26 & TRADING

PAGE 6

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28
210.	.5	.0	.0	.1	.0	.0	.0	.0
215.	.5	.0	.0	.2	.0	.0	.0	.0
220.	.5	.1	.2	.2	.1	.0	.0	.0
225.	.5	.2	.3	.3	.2	.0	.0	.0
230.	.4	.4	.5	.6	.4	.1	.0	.0
235.	.3	.6	.7	.9	.6	.2	.1	.0
240.	.2	.8	.9	1.2	.9	.3	.1	.1
245.	.2	1.0	1.0	1.3	1.0	.6	.2	.1
250.	.0	1.0	1.2	1.5	1.2	.6	.2	.1
255.	.0	1.1	1.3	1.3	1.1	.5	.2	.1
260.	.0	1.1	1.3	1.3	1.1	.6	.2	.1
265.	.0	1.0	1.1	1.2	1.1	.6	.2	.1
270.	.0	.9	1.1	1.1	1.0	.6	.2	.1
275.	.0	.9	.9	1.1	.9	.5	.3	.1
280.	.0	.9	.9	1.1	.8	.5	.3	.1
285.	.0	.8	.9	.9	.8	.5	.3	.1
290.	.0	.8	.8	.9	.8	.5	.3	.1
295.	.0	.8	.8	.9	.7	.5	.3	.1
300.	.0	.8	.8	.9	.7	.4	.3	.1
305.	.0	.8	.8	.8	.7	.3	.2	.1
310.	.0	.8	.8	.8	.6	.3	.2	.1
315.	.0	.8	.8	.8	.6	.2	.2	.2
320.	.0	.8	.8	.8	.5	.2	.3	.3
325.	.0	.8	.8	.8	.5	.3	.3	.3
330.	.0	.8	.8	.9	.4	.2	.3	.4
335.	.0	.8	.8	.8	.4	.2	.3	.5
340.	.0	.8	.8	.8	.3	.3	.2	.6
345.	.0	.8	.8	.8	.3	.3	.4	.6
350.	.0	.8	.8	.8	.3	.3	.5	.7
355.	.0	.7	.8	.8	.3	.4	.7	.6
360.	.0	.7	.8	.8	.3	.6	.8	.8

MAX DEGR.	95	255	250	250	25	5	0
1.50	1.1	1.3	1.5	1.2	.8	.9	.8

THE HIGHEST CONCENTRATION IS 1.50 PPM AT 250 DEGREES FROM REC24.
 THE 2ND HIGHEST CONCENTRATION IS 1.30 PPM AT 245 DEGREES FROM REC3 .
 THE 3RD HIGHEST CONCENTRATION IS 1.30 PPM AT 255 DEGREES FROM REC23.

1

JOB: S37 B230PM MD 26 & TRADING LANE

RUN: S37 B230PM MD26 & TRADING
 Page 3

PAGE 7

DATE: 12/29/2006 TIME: 09:32:05.63

S37B230P.OUT

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)																			
		REC1 295	REC2 265	REC3 245	REC4 250	REC5 240	REC6 250	REC7 0	REC8 220	REC9 190	REC10 175	REC11 85	REC12 160	REC13 140	REC14 165	REC15 95	REC16 115	REC17 85	REC18 75	REC19 130	REC20 105
1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
4	*	.1	.2	.4	.4	.3	.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.1	.3	.4	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0
9	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.0	.1	.3	.2	.1	.3	.0	.1	.0	.1	.1	.2	.2	.0	.0
11	*	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
12	*	.0	.0	.0	.0	.0	.0	.0	.1	.5	.4	.5	.0	.1	.0	.0	.1	.1	.2	.0	.0
13	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
17	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.1	.2	.2	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
19	*	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1
20	*	.1	.3	.3	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
21	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0

1

JOB: S37 B230PM MD 26 & TRADING LANE
DATE: 12/29/2006 TIME: 09:32:05.63

RUN: S37 B230PM MD26 & TRADING

PAGE 8

RECEPTOR - LINK MATRIX FOR THE ANGLE PRODUCING
THE MAXIMUM CONCENTRATION FOR EACH RECEPTOR

LINK #	*	CO/LINK (PPM) ANGLE (DEGREES)							
		REC21 95	REC22 255	REC23 255	REC24 250	REC25 250	REC26 25	REC27 5	REC28 0
1	*	.0	.0	.0	.0	.0	.0	.0	.0
2	*	.0	.0	.0	.0	.0	.0	.0	.0
3	*	.1	.0	.3	.3	.3	.0	.0	.0
4	*	.2	.7	.8	1.0	.7	.0	.0	.0
5	*	.0	.3	.1	.1	.1	.0	.0	.0
6	*	.0	.0	.0	.0	.0	.0	.0	.0
7	*	.0	.0	.0	.0	.0	.0	.0	.0
8	*	.0	.0	.0	.0	.0	.2	.1	.1
9	*	.0	.0	.0	.0	.0	.0	.0	.0
10	*	.0	.0	.0	.0	.0	.1	.1	.1
11	*	.0	.0	.0	.0	.0	.0	.0	.0
12	*	.0	.0	.0	.0	.0	.1	.1	.0
13	*	.0	.0	.0	.0	.0	.0	.0	.0
14	*	.0	.0	.0	.0	.0	.0	.0	.0
15	*	.0	.0	.0	.0	.0	.0	.0	.0
16	*	.2	.1	.1	.1	.1	.0	.0	.0
17	*	.0	.0	.0	.0	.0	.0	.0	.0
18	*	.0	.0	.0	.0	.0	.1	.2	.1
19	*	.0	.0	.0	.0	.0	.1	.1	.1
20	*	.0	.0	.0	.0	.0	.1	.1	.2
21	*	.0	.0	.0	.0	.0	.0	.0	.0
22	*	.0	.0	.0	.0	.0	.0	.0	.0
23	*	.0	.0	.0	.0	.0	.0	.0	.0
24	*	.0	.0	.0	.0	.0	.0	.0	.0
25	*	.0	.0	.0	.0	.0	.0	.0	.0
26	*	.0	.0	.0	.0	.0	.0	.0	.0
27	*	.0	.0	.0	.0	.0	.0	.0	.0
28	*	.0	.0	.0	.0	.0	.0	.0	.0
29	*	.0	.0	.0	.0	.0	.0	.0	.0
30	*	.0	.0	.0	.0	.0	.0	.0	.0
31	*	.0	.0	.0	.0	.0	.0	.0	.0
32	*	.0	.0	.0	.0	.0	.0	.0	.0
33	*	.0	.0	.0	.0	.0	.0	.0	.0
34	*	.0	.0	.0	.0	.0	.0	.0	.1
35	*	.0	.0	.0	.0	.0	.1	.2	.1